

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-01	Saturday	02:30	127°	-0°	0 dB	0°	127°	-0°	242°	-24°	6.4dB	945°K	358728 +250 Hz
2022-01-01	Saturday	03:00	133°	+4°	0 dB	0°	133°	+4°	250°	-24°	6.6dB	978°K	358695 +232 Hz
2022-01-01	Saturday	03:30	138°	+7°	0 dB	0°	138°	+7°	257°	-24°	6.7dB	1012°K	358664 +210 Hz
2022-01-01	Saturday	04:00	144°	+10°	0 dB	0°	144°	+10°	264°	-24°	6.9dB	1046°K	358633 +185 Hz
2022-01-01	Saturday	04:30	150°	+13°	0 dB	0°	150°	+13°	271°	-24°	7.0dB	1079°K	358602 +157 Hz
2022-01-01	Saturday	05:00	157°	+15°	0 dB	0°	157°	+15°	278°	-25°	7.1dB	1113°K	358573 +127 Hz
2022-01-01	Saturday	05:30	163°	+17°	0 dB	0°	163°	+17°	286°	-25°	7.2dB	1147°K	358544 +94 Hz
2022-01-01	Saturday	06:00	170°	+18°	0 dB	0°	170°	+18°	293°	-25°	7.3dB	1180°K	358516 +61 Hz
2022-01-01	Saturday	06:30	177°	+18°	0 dB	0°	177°	+18°	300°	-25°	7.5dB	1214°K	358489 +26 Hz
2022-01-01	Saturday	07:00	184°	+18°	0 dB	0°	184°	+18°	307°	-25°	7.6dB	1248°K	358463 -9 Hz
2022-01-01	Saturday	07:30	191°	+18°	0 dB	0°	191°	+18°	314°	-25°	7.7dB	1282°K	358437 -43 Hz
2022-01-01	Saturday	08:00	197°	+16°	0 dB	0°	197°	+16°	321°	-25°	7.8dB	1316°K	358412 -76 Hz
2022-01-01	Saturday	08:30	204°	+14°	0 dB	0°	204°	+14°	329°	-25°	7.9dB	1350°K	358388 -108 Hz
2022-01-01	Saturday	09:00	210°	+12°	0 dB	0°	210°	+12°	336°	-25°	8.0dB	1383°K	358365 -138 Hz
2022-01-01	Saturday	09:30	216°	+9°	0 dB	0°	216°	+9°	343°	-25°	8.1dB	1417°K	358343 -165 Hz
2022-01-01	Saturday	10:00	222°	+6°	0 dB	0°	222°	+6°	350°	-25°	8.2dB	1451°K	358321 -189 Hz
2022-01-01	Saturday	10:30	227°	+3°	0 dB	0°	227°	+3°	357°	-25°	8.3dB	1485°K	358300 -210 Hz
2022-01-02	Sunday	04:00	133°	+1°	0 dB	0°	133°	+1°	248°	-26°	10.9dB	2741°K	358088 +212 Hz
2022-01-02	Sunday	04:30	138°	+5°	0 dB	0°	138°	+5°	255°	-26°	10.8dB	2683°K	358097 +191 Hz
2022-01-02	Sunday	05:00	144°	+8°	0 dB	0°	144°	+8°	263°	-26°	10.7dB	2626°K	358107 +167 Hz
2022-01-02	Sunday	05:30	150°	+11°	0 dB	0°	150°	+11°	270°	-26°	10.6dB	2569°K	358117 +140 Hz
2022-01-02	Sunday	06:00	156°	+13°	0 dB	0°	156°	+13°	277°	-26°	10.5dB	SUN!	358129 +111 Hz
2022-01-02	Sunday	06:30	162°	+15°	0 dB	0°	162°	+15°	284°	-26°	10.4dB	SUN!	358141 +80 Hz
2022-01-02	Sunday	07:00	169°	+16°	0 dB	0°	169°	+16°	291°	-26°	10.3dB	SUN!	358154 +47 Hz
2022-01-02	Sunday	07:30	176°	+17°	0 dB	0°	176°	+17°	298°	-26°	10.2dB	SUN!	358168 +13 Hz
2022-01-02	Sunday	08:00	182°	+17°	0 dB	0°	182°	+17°	306°	-26°	10.1dB	SUN!	358182 -21 Hz
2022-01-02	Sunday	08:30	189°	+16°	0 dB	0°	189°	+16°	313°	-26°	10.0dB	SUN!	358198 -55 Hz
2022-01-02	Sunday	09:00	196°	+15°	0 dB	0°	196°	+15°	320°	-26°	9.9dB	SUN!	358214 -88 Hz
2022-01-02	Sunday	09:30	202°	+13°	0 dB	0°	202°	+13°	327°	-26°	9.8dB	SUN!	358231 -120 Hz
2022-01-02	Sunday	10:00	208°	+11°	0 dB	0°	208°	+11°	334°	-26°	9.6dB	SUN!	358249 -150 Hz
2022-01-02	Sunday	10:30	214°	+9°	0 dB	0°	214°	+9°	341°	-26°	9.5dB	SUN!	358268 -177 Hz
2022-01-02	Sunday	11:00	220°	+6°	0 dB	0°	220°	+6°	349°	-26°	9.4dB	SUN!	358288 -202 Hz
2022-01-02	Sunday	11:30	226°	+2°	0 dB	0°	226°	+2°	356°	-26°	9.3dB	SUN!	358309 -223 Hz
2022-01-03	Monday	05:00	132°	+1°	0 dB	0°	132°	+1°	247°	-26°	4.6dB	SUN!	359545 +197 Hz
2022-01-03	Monday	05:30	137°	+4°	0 dB	0°	137°	+4°	254°	-26°	4.5dB	SUN!	359595 +177 Hz
2022-01-03	Monday	06:00	143°	+8°	0 dB	0°	143°	+8°	261°	-26°	4.4dB	SUN!	359646 +154 Hz
2022-01-03	Monday	06:30	148°	+11°	0 dB	0°	148°	+11°	268°	-26°	4.2dB	540°K	359697 +127 Hz
2022-01-03	Monday	07:00	155°	+13°	0 dB	0°	155°	+13°	275°	-26°	4.1dB	524°K	359750 +98 Hz
2022-01-03	Monday	07:30	161°	+15°	0 dB	0°	161°	+15°	283°	-26°	4.1dB	516°K	359803 +67 Hz
2022-01-03	Monday	08:00	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	4.0dB	508°K	359856 +35 Hz
2022-01-03	Monday	08:30	174°	+17°	0 dB	0°	174°	+17°	297°	-26°	4.0dB	501°K	359911 +1 Hz
2022-01-03	Monday	09:00	181°	+17°	0 dB	0°	181°	+17°	304°	-26°	3.9dB	494°K	359966 -33 Hz
2022-01-03	Monday	09:30	188°	+17°	0 dB	0°	188°	+17°	311°	-26°	3.9dB	487°K	360022 -67 Hz
2022-01-03	Monday	10:00	195°	+16°	0 dB	0°	195°	+16°	318°	-26°	3.8dB	480°K	360079 -101 Hz
2022-01-03	Monday	10:30	201°	+15°	0 dB	0°	201°	+15°	326°	-26°	3.8dB	473°K	360137 -133 Hz
2022-01-03	Monday	11:00	208°	+13°	0 dB	0°	208°	+13°	333°	-26°	3.7dB	466°K	360195 -164 Hz
2022-01-03	Monday	11:30	214°	+10°	0 dB	0°	214°	+10°	340°	-25°	3.6dB	459°K	360254 -192 Hz
2022-01-03	Monday	12:00	219°	+7°	0 dB	0°	219°	+7°	347°	-25°	3.6dB	452°K	360314 -218 Hz
2022-01-03	Monday	12:30	225°	+4°	0 dB	0°	225°	+4°	354°	-25°	3.5dB	445°K	360375 -241 Hz
2022-01-03	Monday	13:00	230°	+0°	0 dB	0°	230°	+0°	2°	-25°	3.5dB	438°K	360436 -260 Hz
2022-01-04	Tuesday	06:00	130°	+2°	0 dB	0°	130°	+2°	246°	-24°	2.5dB	326°K	362954 +187 Hz
2022-01-04	Tuesday	06:30	135°	+6°	0 dB	0°	135°	+6°	253°	-24°	2.5dB	326°K	363040 +167 Hz
2022-01-04	Tuesday	07:00	141°	+9°	0 dB	0°	141°	+9°	260°	-23°	2.5dB	326°K	363127 +144 Hz
2022-01-04	Tuesday	07:30	147°	+12°	0 dB	0°	147°	+12°	267°	-23°	2.5dB	326°K	363214 +117 Hz
2022-01-04	Tuesday	08:00	153°	+15°	0 dB	0°	153°	+15°	275°	-23°	2.5dB	326°K	363302 +88 Hz
2022-01-04	Tuesday	08:30	160°	+17°	0 dB	0°	160°	+17°	282°	-23°	2.5dB	326°K	363390 +57 Hz
2022-01-04	Tuesday	09:00	166°	+19°	0 dB	0°	166°	+19°	289°	-23°	2.5dB	326°K	363479 +23 Hz
2022-01-04	Tuesday	09:30	173°	+20°	0 dB	0°	173°	+20°	296°	-23°	2.5dB	326°K	363569 -11 Hz
2022-01-04	Tuesday	10:00	180°	+20°	0 dB	0°	180°	+20°	303°	-23°	2.5dB	326°K	363660 -46 Hz
2022-01-04	Tuesday	10:30	187°	+20°	0 dB	0°	187°	+20°	311°	-23°	2.5dB	326°K	363751 -81 Hz
2022-01-04	Tuesday	11:00	194°	+19°	0 dB	0°	194°	+19°	318°	-23°	2.5dB	326°K	363842 -116 Hz
2022-01-04	Tuesday	11:30	201°	+17°	0 dB	0°	201°	+17°	325°	-23°	2.5dB	326°K	363935 -149 Hz
2022-01-04	Tuesday	12:00	208°	+15°	0 dB	0°	208°	+15°	332°	-23°	2.5dB	326°K	364027 -181 Hz
2022-01-04	Tuesday	12:30	214°	+13°	0 dB	0°	214°	+13°	339°	-23°	2.5dB	326°K	364121 -211 Hz
2022-01-04	Tuesday	13:00	220°	+10°	0 dB	0°	220°	+10°	347°	-23°	2.6dB	326°K	364215 -237 Hz
2022-01-04	Tuesday	13:30	226°	+6°	0 dB	0°	226°	+6°	354°	-23°	2.6dB	326°K	364309 -261 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-04	Tuesday 14:00	232°	+3°	0 dB	0°	232°	+3°	1°	-23°	2.6dB	326°K	364405	-281 Hz
2022-01-05	Wednesday06:30	122°	+1°	0 dB	0°	122°	+1°	239°	-20°	2.7dB	322°K	367848	+197 Hz
2022-01-05	Wednesday07:00	127°	+6°	0 dB	0°	127°	+6°	246°	-20°	2.7dB	320°K	367960	+181 Hz
2022-01-05	Wednesday07:30	133°	+9°	0 dB	0°	133°	+9°	253°	-20°	2.7dB	319°K	368073	+160 Hz
2022-01-05	Wednesday08:00	139°	+13°	0 dB	0°	139°	+13°	260°	-20°	2.6dB	318°K	368187	+136 Hz
2022-01-05	Wednesday08:30	145°	+16°	0 dB	0°	145°	+16°	268°	-19°	2.6dB	317°K	368301	+109 Hz
2022-01-05	Wednesday09:00	152°	+19°	0 dB	0°	152°	+19°	275°	-19°	2.6dB	315°K	368415	+79 Hz
2022-01-05	Wednesday09:30	159°	+21°	0 dB	0°	159°	+21°	282°	-19°	2.6dB	314°K	368530	+46 Hz
2022-01-05	Wednesday10:00	166°	+23°	0 dB	0°	166°	+23°	289°	-19°	2.6dB	313°K	368645	+11 Hz
2022-01-05	Wednesday10:30	173°	+24°	0 dB	0°	173°	+24°	297°	-19°	2.6dB	312°K	368760	-24 Hz
2022-01-05	Wednesday11:00	181°	+24°	0 dB	0°	181°	+24°	304°	-19°	2.6dB	311°K	368876	-61 Hz
2022-01-05	Wednesday11:30	188°	+24°	0 dB	0°	188°	+24°	311°	-19°	2.6dB	309°K	368993	-97 Hz
2022-01-05	Wednesday12:00	196°	+23°	0 dB	0°	196°	+23°	318°	-19°	2.6dB	308°K	369109	-133 Hz
2022-01-05	Wednesday12:30	203°	+21°	0 dB	0°	203°	+21°	325°	-19°	2.6dB	307°K	369226	-167 Hz
2022-01-05	Wednesday13:00	210°	+19°	0 dB	0°	210°	+19°	333°	-19°	2.6dB	306°K	369344	-200 Hz
2022-01-05	Wednesday13:30	217°	+16°	0 dB	0°	217°	+16°	340°	-18°	2.6dB	305°K	369462	-230 Hz
2022-01-05	Wednesday14:00	223°	+13°	0 dB	0°	223°	+13°	347°	-18°	2.5dB	303°K	369580	-258 Hz
2022-01-05	Wednesday14:30	229°	+10°	0 dB	0°	229°	+10°	354°	-18°	2.5dB	302°K	369698	-282 Hz
2022-01-05	Wednesday15:00	235°	+6°	0 dB	0°	235°	+6°	2°	-18°	2.5dB	301°K	369817	-302 Hz
2022-01-05	Wednesday15:30	240°	+2°	0 dB	0°	240°	+2°	9°	-18°	2.5dB	300°K	369937	-318 Hz
2022-01-06	Thursday 07:00	115°	+2°	0 dB	0°	115°	+2°	233°	-15°	1.9dB	243°K	373784	+208 Hz
2022-01-06	Thursday 07:30	120°	+6°	0 dB	0°	120°	+6°	240°	-15°	2.0dB	243°K	373912	+195 Hz
2022-01-06	Thursday 08:00	126°	+11°	0 dB	0°	126°	+11°	248°	-15°	2.0dB	243°K	374040	+177 Hz
2022-01-06	Thursday 08:30	132°	+15°	0 dB	0°	132°	+15°	255°	-15°	2.0dB	243°K	374168	+155 Hz
2022-01-06	Thursday 09:00	138°	+18°	0 dB	0°	138°	+18°	262°	-14°	2.0dB	243°K	374297	+130 Hz
2022-01-06	Thursday 09:30	144°	+22°	0 dB	0°	144°	+22°	269°	-14°	2.0dB	243°K	374426	+101 Hz
2022-01-06	Thursday 10:00	152°	+24°	0 dB	0°	152°	+24°	277°	-14°	2.0dB	243°K	374555	+69 Hz
2022-01-06	Thursday 10:30	159°	+27°	0 dB	0°	159°	+27°	284°	-14°	2.0dB	243°K	374684	+34 Hz
2022-01-06	Thursday 11:00	167°	+28°	0 dB	0°	167°	+28°	291°	-14°	2.0dB	243°K	374813	-2 Hz
2022-01-06	Thursday 11:30	175°	+29°	0 dB	0°	175°	+29°	298°	-14°	2.0dB	243°K	374943	-39 Hz
2022-01-06	Thursday 12:00	183°	+29°	0 dB	0°	183°	+29°	306°	-14°	2.0dB	243°K	375072	-77 Hz
2022-01-06	Thursday 12:30	191°	+29°	0 dB	0°	191°	+29°	313°	-14°	2.0dB	243°K	375202	-114 Hz
2022-01-06	Thursday 13:00	199°	+28°	0 dB	0°	199°	+28°	320°	-14°	2.0dB	243°K	375332	-151 Hz
2022-01-06	Thursday 13:30	207°	+26°	0 dB	0°	207°	+26°	327°	-13°	2.0dB	243°K	375462	-186 Hz
2022-01-06	Thursday 14:00	214°	+23°	0 dB	0°	214°	+23°	335°	-13°	2.0dB	243°K	375592	-219 Hz
2022-01-06	Thursday 14:30	221°	+20°	0 dB	0°	221°	+20°	342°	-13°	2.0dB	243°K	375723	-250 Hz
2022-01-06	Thursday 15:00	227°	+17°	0 dB	0°	227°	+17°	349°	-13°	2.0dB	243°K	375853	-277 Hz
2022-01-06	Thursday 15:30	234°	+13°	0 dB	0°	234°	+13°	356°	-13°	2.1dB	243°K	375984	-301 Hz
2022-01-06	Thursday 16:00	240°	+9°	0 dB	0°	240°	+9°	4°	-13°	2.1dB	243°K	376114	-321 Hz
2022-01-06	Thursday 16:30	245°	+5°	0 dB	0°	245°	+5°	11°	-13°	2.1dB	243°K	376245	-336 Hz
2022-01-06	Thursday 17:00	251°	+0°	0 dB	0°	251°	+0°	18°	-13°	2.1dB	243°K	376376	-347 Hz
2022-01-07	Fri day 07:30	108°	+3°	0 dB	0°	108°	+3°	229°	-9°	2.2dB	240°K	380197	+221 Hz
2022-01-07	Fri day 08:00	113°	+8°	0 dB	0°	113°	+8°	236°	-9°	2.2dB	240°K	380329	+210 Hz
2022-01-07	Fri day 08:30	119°	+12°	0 dB	0°	119°	+12°	243°	-9°	2.2dB	239°K	380461	+194 Hz
2022-01-07	Fri day 09:00	124°	+17°	0 dB	0°	124°	+17°	250°	-9°	2.2dB	239°K	380593	+174 Hz
2022-01-07	Fri day 09:30	131°	+21°	0 dB	0°	131°	+21°	258°	-9°	2.2dB	239°K	380725	+150 Hz
2022-01-07	Fri day 10:00	137°	+25°	0 dB	0°	137°	+25°	265°	-9°	2.2dB	239°K	380857	+122 Hz
2022-01-07	Fri day 10:30	145°	+28°	0 dB	0°	145°	+28°	272°	-9°	2.2dB	239°K	380988	+91 Hz
2022-01-07	Fri day 11:00	152°	+31°	0 dB	0°	152°	+31°	279°	-8°	2.2dB	239°K	381120	+57 Hz
2022-01-07	Fri day 11:30	160°	+33°	0 dB	0°	160°	+33°	287°	-8°	2.2dB	239°K	381252	+21 Hz
2022-01-07	Fri day 12:00	169°	+34°	0 dB	0°	169°	+34°	294°	-8°	2.2dB	239°K	381383	-16 Hz
2022-01-07	Fri day 12:30	178°	+35°	0 dB	0°	178°	+35°	301°	-8°	2.2dB	239°K	381515	-55 Hz
2022-01-07	Fri day 13:00	187°	+35°	0 dB	0°	187°	+35°	308°	-8°	2.3dB	239°K	381646	-93 Hz
2022-01-07	Fri day 13:30	195°	+34°	0 dB	0°	195°	+34°	316°	-8°	2.3dB	239°K	381777	-132 Hz
2022-01-07	Fri day 14:00	204°	+33°	0 dB	0°	204°	+33°	323°	-8°	2.3dB	239°K	381908	-169 Hz
2022-01-07	Fri day 14:30	212°	+30°	0 dB	0°	212°	+30°	330°	-8°	2.3dB	239°K	382039	-204 Hz
2022-01-07	Fri day 15:00	220°	+27°	0 dB	0°	220°	+27°	338°	-8°	2.3dB	239°K	382171	-237 Hz
2022-01-07	Fri day 15:30	227°	+24°	0 dB	0°	227°	+24°	345°	-7°	2.3dB	239°K	382301	-267 Hz
2022-01-07	Fri day 16:00	233°	+20°	0 dB	0°	233°	+20°	352°	-7°	2.3dB	239°K	382432	-293 Hz
2022-01-07	Fri day 16:30	240°	+16°	0 dB	0°	240°	+16°	359°	-7°	2.3dB	239°K	382563	-316 Hz
2022-01-07	Fri day 17:00	246°	+12°	0 dB	0°	246°	+12°	7°	-7°	2.3dB	239°K	382694	-334 Hz
2022-01-07	Fri day 17:30	251°	+7°	0 dB	0°	251°	+7°	14°	-7°	2.3dB	239°K	382824	-348 Hz
2022-01-07	Fri day 18:00	257°	+2°	0 dB	0°	257°	+2°	21°	-7°	2.3dB	239°K	382955	-357 Hz
2022-01-08	Saturday 07:30	096°	-0°	0 dB	0°	096°	-0°	218°	-4°	2.6dB	250°K	386417	+237 Hz
2022-01-08	Saturday 08:00	101°	+5°	0 dB	0°	101°	+5°	225°	-4°	2.6dB	250°K	386542	+233 Hz
2022-01-08	Saturday 08:30	106°	+10°	0 dB	0°	106°	+10°	232°	-3°	2.7dB	251°K	386667	+224 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-08	Saturday	09:00	112°	+15°	0 dB	0°	112°	+15°	239°	-3°	2.7dB	251°K	386792 +211 Hz
2022-01-08	Saturday	09:30	118°	+19°	0 dB	0°	118°	+19°	247°	-3°	2.7dB	252°K	386917 +193 Hz
2022-01-08	Saturday	10:00	124°	+24°	0 dB	0°	124°	+24°	254°	-3°	2.7dB	252°K	387042 +170 Hz
2022-01-08	Saturday	10:30	131°	+28°	0 dB	0°	131°	+28°	261°	-3°	2.7dB	253°K	387166 +144 Hz
2022-01-08	Saturday	11:00	138°	+32°	0 dB	0°	138°	+32°	268°	-3°	2.7dB	254°K	387290 +114 Hz
2022-01-08	Saturday	11:30	146°	+35°	0 dB	0°	146°	+35°	276°	-3°	2.7dB	254°K	387414 +81 Hz
2022-01-08	Saturday	12:00	154°	+38°	0 dB	0°	154°	+38°	283°	-3°	2.7dB	255°K	387538 +45 Hz
2022-01-08	Saturday	12:30	163°	+40°	0 dB	0°	163°	+40°	290°	-2°	2.8dB	255°K	387661 +8 Hz
2022-01-08	Saturday	13:00	173°	+41°	0 dB	0°	173°	+41°	298°	-2°	2.8dB	256°K	387785 -31 Hz
2022-01-08	Saturday	13:30	183°	+41°	0 dB	0°	183°	+41°	305°	-2°	2.8dB	256°K	387907 -70 Hz
2022-01-08	Saturday	14:00	192°	+41°	0 dB	0°	192°	+41°	312°	-2°	2.8dB	257°K	388030 -109 Hz
2022-01-08	Saturday	14:30	202°	+39°	0 dB	0°	202°	+39°	319°	-2°	2.8dB	257°K	388152 -148 Hz
2022-01-08	Saturday	15:00	211°	+37°	0 dB	0°	211°	+37°	327°	-2°	2.8dB	258°K	388274 -184 Hz
2022-01-08	Saturday	15:30	219°	+34°	0 dB	0°	219°	+34°	334°	-2°	2.8dB	259°K	388396 -219 Hz
2022-01-08	Saturday	16:00	227°	+31°	0 dB	0°	227°	+31°	341°	-2°	2.8dB	259°K	388518 -251 Hz
2022-01-08	Saturday	16:30	234°	+27°	0 dB	0°	234°	+27°	349°	-1°	2.9dB	260°K	388639 -279 Hz
2022-01-08	Saturday	17:00	241°	+23°	0 dB	0°	241°	+23°	356°	-1°	2.9dB	260°K	388760 -303 Hz
2022-01-08	Saturday	17:30	247°	+18°	0 dB	0°	247°	+18°	3°	-1°	2.9dB	261°K	388881 -324 Hz
2022-01-08	Saturday	18:00	253°	+14°	0 dB	0°	253°	+14°	10°	-1°	2.9dB	261°K	389001 -340 Hz
2022-01-08	Saturday	18:30	258°	+9°	0 dB	0°	258°	+9°	18°	-1°	2.9dB	262°K	389121 -351 Hz
2022-01-08	Saturday	19:00	264°	+4°	0 dB	0°	264°	+4°	25°	-1°	2.9dB	262°K	389241 -358 Hz
2022-01-09	Sunday	08:00	090°	+2°	0 dB	0°	090°	+2°	214°	+2°	3.2dB	277°K	392244 +247 Hz
2022-01-09	Sunday	08:30	095°	+7°	0 dB	0°	095°	+7°	222°	+2°	3.3dB	277°K	392355 +245 Hz
2022-01-09	Sunday	09:00	100°	+12°	0 dB	0°	100°	+12°	229°	+2°	3.3dB	278°K	392465 +238 Hz
2022-01-09	Sunday	09:30	105°	+17°	0 dB	0°	105°	+17°	236°	+2°	3.3dB	278°K	392575 +226 Hz
2022-01-09	Sunday	10:00	111°	+22°	0 dB	0°	111°	+22°	244°	+3°	3.3dB	279°K	392685 +210 Hz
2022-01-09	Sunday	10:30	117°	+27°	0 dB	0°	117°	+27°	251°	+3°	3.3dB	279°K	392794 +189 Hz
2022-01-09	Sunday	11:00	124°	+31°	0 dB	0°	124°	+31°	258°	+3°	3.3dB	280°K	392903 +164 Hz
2022-01-09	Sunday	11:30	131°	+35°	0 dB	0°	131°	+35°	265°	+3°	3.3dB	280°K	393012 +136 Hz
2022-01-09	Sunday	12:00	139°	+39°	0 dB	0°	139°	+39°	273°	+3°	3.3dB	281°K	393120 +104 Hz
2022-01-09	Sunday	12:30	148°	+42°	0 dB	0°	148°	+42°	280°	+3°	3.4dB	282°K	393228 +69 Hz
2022-01-09	Sunday	13:00	157°	+44°	0 dB	0°	157°	+44°	287°	+3°	3.4dB	282°K	393335 +32 Hz
2022-01-09	Sunday	13:30	168°	+46°	0 dB	0°	168°	+46°	295°	+3°	3.4dB	283°K	393442 -6 Hz
2022-01-09	Sunday	14:00	178°	+47°	0 dB	0°	178°	+47°	302°	+4°	3.4dB	283°K	393549 -46 Hz
2022-01-09	Sunday	14:30	189°	+47°	0 dB	0°	189°	+47°	309°	+4°	3.4dB	284°K	393655 -85 Hz
2022-01-09	Sunday	15:00	199°	+46°	0 dB	0°	199°	+46°	316°	+4°	3.4dB	284°K	393761 -124 Hz
2022-01-09	Sunday	15:30	209°	+44°	0 dB	0°	209°	+44°	324°	+4°	3.4dB	285°K	393867 -161 Hz
2022-01-09	Sunday	16:00	219°	+41°	0 dB	0°	219°	+41°	331°	+4°	3.4dB	285°K	393972 -196 Hz
2022-01-09	Sunday	16:30	227°	+37°	0 dB	0°	227°	+37°	338°	+4°	3.4dB	286°K	394076 -229 Hz
2022-01-09	Sunday	17:00	235°	+34°	0 dB	0°	235°	+34°	346°	+4°	3.4dB	286°K	394181 -259 Hz
2022-01-09	Sunday	17:30	242°	+29°	0 dB	0°	242°	+29°	353°	+4°	3.5dB	287°K	394285 -285 Hz
2022-01-09	Sunday	18:00	248°	+25°	0 dB	0°	248°	+25°	0°	+4°	3.5dB	288°K	394388 -307 Hz
2022-01-09	Sunday	18:30	254°	+20°	0 dB	0°	254°	+20°	7°	+5°	3.5dB	288°K	394491 -325 Hz
2022-01-09	Sunday	19:00	260°	+15°	0 dB	0°	260°	+15°	15°	+5°	3.5dB	289°K	394594 -338 Hz
2022-01-09	Sunday	19:30	265°	+10°	0 dB	0°	265°	+10°	22°	+5°	3.5dB	289°K	394696 -347 Hz
2022-01-09	Sunday	20:00	271°	+5°	0 dB	0°	271°	+5°	29°	+5°	3.5dB	290°K	394798 -350 Hz
2022-01-09	Sunday	20:30	276°	+0°	0 dB	0°	276°	+0°	37°	+5°	3.5dB	290°K	394899 -348 Hz
2022-01-10	Monday	08:30	084°	+4°	0 dB	0°	084°	+4°	211°	+8°	3.7dB	299°K	397204 +255 Hz
2022-01-10	Monday	09:00	089°	+9°	0 dB	0°	089°	+9°	219°	+8°	3.8dB	300°K	397294 +255 Hz
2022-01-10	Monday	09:30	094°	+14°	0 dB	0°	094°	+14°	226°	+8°	3.8dB	300°K	397384 +250 Hz
2022-01-10	Monday	10:00	099°	+19°	0 dB	0°	099°	+19°	233°	+8°	3.8dB	300°K	397474 +241 Hz
2022-01-10	Monday	10:30	105°	+24°	0 dB	0°	105°	+24°	241°	+8°	3.8dB	300°K	397563 +226 Hz
2022-01-10	Monday	11:00	111°	+29°	0 dB	0°	111°	+29°	248°	+8°	3.8dB	301°K	397651 +207 Hz
2022-01-10	Monday	11:30	117°	+34°	0 dB	0°	117°	+34°	255°	+8°	3.8dB	301°K	397740 +184 Hz
2022-01-10	Monday	12:00	124°	+38°	0 dB	0°	124°	+38°	262°	+8°	3.8dB	301°K	397827 +157 Hz
2022-01-10	Monday	12:30	132°	+42°	0 dB	0°	132°	+42°	270°	+9°	3.8dB	301°K	397915 +126 Hz
2022-01-10	Monday	13:00	141°	+46°	0 dB	0°	141°	+46°	277°	+9°	3.8dB	302°K	398001 +93 Hz
2022-01-10	Monday	13:30	151°	+49°	0 dB	0°	151°	+49°	284°	+9°	3.8dB	302°K	398088 +57 Hz
2022-01-10	Monday	14:00	162°	+51°	0 dB	0°	162°	+51°	292°	+9°	3.8dB	302°K	398174 +19 Hz
2022-01-10	Monday	14:30	173°	+52°	0 dB	0°	173°	+52°	299°	+9°	3.8dB	302°K	398259 -19 Hz
2022-01-10	Monday	15:00	185°	+52°	0 dB	0°	185°	+52°	306°	+9°	3.8dB	303°K	398344 -58 Hz
2022-01-10	Monday	15:30	197°	+52°	0 dB	0°	197°	+52°	313°	+9°	3.8dB	303°K	398428 -97 Hz
2022-01-10	Monday	16:00	208°	+50°	0 dB	0°	208°	+50°	321°	+9°	3.8dB	303°K	398512 -135 Hz
2022-01-10	Monday	16:30	218°	+47°	0 dB	0°	218°	+47°	328°	+9°	3.9dB	304°K	398596 -171 Hz
2022-01-10	Monday	17:00	227°	+44°	0 dB	0°	227°	+44°	335°	+9°	3.9dB	304°K	398679 -204 Hz
2022-01-10	Monday	17:30	236°	+40°	0 dB	0°	236°	+40°	343°	+10°	3.9dB	305°K	398762 -235 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-01-10	Monday	18:00	243°	+35°	0 dB	0°	243°	+35°	350°	+10°	3.9dB	306°K	398844	-262 Hz
2022-01-10	Monday	18:30	250°	+31°	0 dB	0°	250°	+31°	357°	+10°	3.9dB	307°K	398925	-286 Hz
2022-01-10	Monday	19:00	256°	+26°	0 dB	0°	256°	+26°	4°	+10°	3.9dB	309°K	399006	-305 Hz
2022-01-10	Monday	19:30	262°	+21°	0 dB	0°	262°	+21°	12°	+10°	4.0dB	310°K	399087	-320 Hz
2022-01-10	Monday	20:00	267°	+16°	0 dB	0°	267°	+16°	19°	+10°	4.0dB	311°K	399167	-330 Hz
2022-01-10	Monday	20:30	272°	+11°	0 dB	0°	272°	+11°	26°	+10°	4.0dB	313°K	399247	-335 Hz
2022-01-10	Monday	21:00	278°	+6°	0 dB	0°	278°	+6°	34°	+10°	4.0dB	314°K	399326	-335 Hz
2022-01-10	Monday	21:30	283°	+1°	0 dB	0°	283°	+1°	41°	+10°	4.0dB	315°K	399405	-331 Hz
2022-01-11	Tuesday	08:30	073°	+0°	0 dB	0°	073°	+0°	201°	+13°	4.4dB	345°K	401015	+255 Hz
2022-01-11	Tuesday	09:00	078°	+5°	0 dB	0°	078°	+5°	208°	+13°	4.5dB	347°K	401083	+262 Hz
2022-01-11	Tuesday	09:30	083°	+10°	0 dB	0°	083°	+10°	216°	+13°	4.5dB	348°K	401150	+264 Hz
2022-01-11	Tuesday	10:00	088°	+15°	0 dB	0°	088°	+15°	223°	+13°	4.5dB	349°K	401217	+261 Hz
2022-01-11	Tuesday	10:30	093°	+21°	0 dB	0°	093°	+21°	230°	+13°	4.5dB	349°K	401283	+253 Hz
2022-01-11	Tuesday	11:00	099°	+26°	0 dB	0°	099°	+26°	238°	+13°	4.5dB	350°K	401348	+241 Hz
2022-01-11	Tuesday	11:30	104°	+31°	0 dB	0°	104°	+31°	245°	+13°	4.5dB	351°K	401414	+224 Hz
2022-01-11	Tuesday	12:00	110°	+36°	0 dB	0°	110°	+36°	252°	+13°	4.5dB	351°K	401478	+202 Hz
2022-01-11	Tuesday	12:30	117°	+40°	0 dB	0°	117°	+40°	259°	+13°	4.5dB	352°K	401542	+177 Hz
2022-01-11	Tuesday	13:00	125°	+45°	0 dB	0°	125°	+45°	267°	+14°	4.5dB	353°K	401606	+148 Hz
2022-01-11	Tuesday	13:30	134°	+49°	0 dB	0°	134°	+49°	274°	+14°	4.5dB	353°K	401669	+116 Hz
2022-01-11	Tuesday	14:00	143°	+52°	0 dB	0°	143°	+52°	281°	+14°	4.6dB	354°K	401732	+82 Hz
2022-01-11	Tuesday	14:30	155°	+55°	0 dB	0°	155°	+55°	289°	+14°	4.6dB	355°K	401794	+46 Hz
2022-01-11	Tuesday	15:00	167°	+57°	0 dB	0°	167°	+57°	296°	+14°	4.6dB	355°K	401856	+8 Hz
2022-01-11	Tuesday	15:30	180°	+58°	0 dB	0°	180°	+58°	303°	+14°	4.6dB	356°K	401917	-30 Hz
2022-01-11	Tuesday	16:00	194°	+57°	0 dB	0°	194°	+57°	310°	+14°	4.6dB	357°K	401977	-68 Hz
2022-01-11	Tuesday	16:30	206°	+55°	0 dB	0°	206°	+55°	318°	+14°	4.6dB	357°K	402038	-106 Hz
2022-01-11	Tuesday	17:00	217°	+53°	0 dB	0°	217°	+53°	325°	+14°	4.6dB	358°K	402097	-142 Hz
2022-01-11	Tuesday	17:30	227°	+49°	0 dB	0°	227°	+49°	332°	+14°	4.6dB	359°K	402156	-176 Hz
2022-01-11	Tuesday	18:00	236°	+45°	0 dB	0°	236°	+45°	340°	+15°	4.6dB	360°K	402215	-207 Hz
2022-01-11	Tuesday	18:30	244°	+41°	0 dB	0°	244°	+41°	347°	+15°	4.6dB	360°K	402273	-236 Hz
2022-01-11	Tuesday	19:00	251°	+36°	0 dB	0°	251°	+36°	354°	+15°	4.7dB	361°K	402331	-260 Hz
2022-01-11	Tuesday	19:30	257°	+32°	0 dB	0°	257°	+32°	1°	+15°	4.7dB	362°K	402388	-281 Hz
2022-01-11	Tuesday	20:00	263°	+27°	0 dB	0°	263°	+27°	9°	+15°	4.7dB	362°K	402445	-297 Hz
2022-01-11	Tuesday	20:30	269°	+22°	0 dB	0°	269°	+22°	16°	+15°	4.7dB	363°K	402501	-309 Hz
2022-01-11	Tuesday	21:00	274°	+17°	0 dB	0°	274°	+17°	23°	+15°	4.7dB	364°K	402557	-316 Hz
2022-01-11	Tuesday	21:30	279°	+12°	0 dB	0°	279°	+12°	31°	+15°	4.7dB	364°K	402612	-318 Hz
2022-01-11	Tuesday	22:00	284°	+7°	0 dB	0°	284°	+7°	38°	+15°	4.7dB	365°K	402667	-316 Hz
2022-01-11	Tuesday	22:30	289°	+2°	0 dB	0°	289°	+2°	45°	+15°	4.7dB	366°K	402721	-309 Hz
2022-01-12	Wednesday	09:00	067°	+1°	0 dB	0°	067°	+1°	198°	+17°	4.7dB	358°K	403746	+258 Hz
2022-01-12	Wednesday	09:30	072°	+6°	0 dB	0°	072°	+6°	205°	+17°	4.7dB	357°K	403790	+266 Hz
2022-01-12	Wednesday	10:00	077°	+11°	0 dB	0°	077°	+11°	213°	+17°	4.7dB	357°K	403833	+270 Hz
2022-01-12	Wednesday	10:30	082°	+16°	0 dB	0°	082°	+16°	220°	+17°	4.7dB	356°K	403875	+269 Hz
2022-01-12	Wednesday	11:00	087°	+21°	0 dB	0°	087°	+21°	227°	+18°	4.7dB	355°K	403917	+264 Hz
2022-01-12	Wednesday	11:30	093°	+27°	0 dB	0°	093°	+27°	234°	+18°	4.7dB	354°K	403959	+253 Hz
2022-01-12	Wednesday	12:00	098°	+32°	0 dB	0°	098°	+32°	242°	+18°	4.7dB	354°K	404000	+239 Hz
2022-01-12	Wednesday	12:30	104°	+37°	0 dB	0°	104°	+37°	249°	+18°	4.6dB	353°K	404040	+220 Hz
2022-01-12	Wednesday	13:00	110°	+42°	0 dB	0°	110°	+42°	256°	+18°	4.6dB	352°K	404080	+197 Hz
2022-01-12	Wednesday	13:30	117°	+46°	0 dB	0°	117°	+46°	263°	+18°	4.6dB	352°K	404120	+170 Hz
2022-01-12	Wednesday	14:00	126°	+51°	0 dB	0°	126°	+51°	271°	+18°	4.6dB	351°K	404159	+140 Hz
2022-01-12	Wednesday	14:30	135°	+55°	0 dB	0°	135°	+55°	278°	+18°	4.6dB	350°K	404197	+107 Hz
2022-01-12	Wednesday	15:00	146°	+58°	0 dB	0°	146°	+58°	285°	+18°	4.6dB	350°K	404236	+73 Hz
2022-01-12	Wednesday	15:30	159°	+61°	0 dB	0°	159°	+61°	293°	+18°	4.6dB	349°K	404273	+36 Hz
2022-01-12	Wednesday	16:00	174°	+62°	0 dB	0°	174°	+62°	300°	+18°	4.6dB	348°K	404310	-1 Hz
2022-01-12	Wednesday	16:30	188°	+62°	0 dB	0°	188°	+62°	307°	+18°	4.6dB	348°K	404347	-38 Hz
2022-01-12	Wednesday	17:00	203°	+61°	0 dB	0°	203°	+61°	314°	+19°	4.6dB	348°K	404383	-75 Hz
2022-01-12	Wednesday	17:30	216°	+58°	0 dB	0°	216°	+58°	322°	+19°	4.6dB	349°K	404419	-111 Hz
2022-01-12	Wednesday	18:00	227°	+55°	0 dB	0°	227°	+55°	329°	+19°	4.6dB	350°K	404454	-146 Hz
2022-01-12	Wednesday	18:30	236°	+51°	0 dB	0°	236°	+51°	336°	+19°	4.6dB	350°K	404489	-177 Hz
2022-01-12	Wednesday	19:00	244°	+46°	0 dB	0°	244°	+46°	343°	+19°	4.6dB	351°K	404523	-207 Hz
2022-01-12	Wednesday	19:30	252°	+42°	0 dB	0°	252°	+42°	351°	+19°	4.7dB	352°K	404557	-232 Hz
2022-01-12	Wednesday	20:00	258°	+37°	0 dB	0°	258°	+37°	358°	+19°	4.7dB	353°K	404590	-254 Hz
2022-01-12	Wednesday	20:30	264°	+32°	0 dB	0°	264°	+32°	5°	+19°	4.7dB	353°K	404623	-272 Hz
2022-01-12	Wednesday	21:00	269°	+27°	0 dB	0°	269°	+27°	13°	+19°	4.7dB	354°K	404655	-286 Hz
2022-01-12	Wednesday	21:30	275°	+22°	0 dB	0°	275°	+22°	20°	+19°	4.7dB	355°K	404687	-295 Hz
2022-01-12	Wednesday	22:00	280°	+17°	0 dB	0°	280°	+17°	27°	+19°	4.7dB	356°K	404719	-299 Hz
2022-01-12	Wednesday	22:30	285°	+12°	0 dB	0°	285°	+12°	34°	+19°	4.7dB	356°K	404750	-299 Hz
2022-01-12	Wednesday	23:00	290°	+7°	0 dB	0°	290°	+7°	42°	+19°	4.7dB	357°K	404780	-294 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-12	Wednesday	23:30	295°	+3°	0 dB	0°	295°	+3°	49°	+20°	4.7dB	358°K	404810 -285 Hz
2022-01-13	Thursday	09:30	062°	+2°	0 dB	0°	062°	+2°	194°	+21°	4.9dB	373°K	405312 +258 Hz
2022-01-13	Thursday	10:00	067°	+7°	0 dB	0°	067°	+7°	202°	+21°	4.9dB	374°K	405332 +268 Hz
2022-01-13	Thursday	10:30	072°	+11°	0 dB	0°	072°	+11°	209°	+21°	4.9dB	375°K	405352 +274 Hz
2022-01-13	Thursday	11:00	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	4.9dB	377°K	405372 +275 Hz
2022-01-13	Thursday	11:30	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	5.0dB	378°K	405391 +272 Hz
2022-01-13	Thursday	12:00	087°	+26°	0 dB	0°	087°	+26°	231°	+21°	5.0dB	379°K	405409 +265 Hz
2022-01-13	Thursday	12:30	092°	+32°	0 dB	0°	092°	+32°	238°	+21°	5.0dB	380°K	405427 +252 Hz
2022-01-13	Thursday	13:00	097°	+37°	0 dB	0°	097°	+37°	245°	+21°	5.0dB	381°K	405445 +236 Hz
2022-01-13	Thursday	13:30	103°	+42°	0 dB	0°	103°	+42°	252°	+22°	5.0dB	382°K	405462 +215 Hz
2022-01-13	Thursday	14:00	110°	+47°	0 dB	0°	110°	+47°	260°	+22°	5.0dB	383°K	405479 +191 Hz
2022-01-13	Thursday	14:30	117°	+51°	0 dB	0°	117°	+51°	267°	+22°	5.0dB	384°K	405495 +163 Hz
2022-01-13	Thursday	15:00	126°	+56°	0 dB	0°	126°	+56°	274°	+22°	5.0dB	385°K	405511 +133 Hz
2022-01-13	Thursday	15:30	137°	+60°	0 dB	0°	137°	+60°	282°	+22°	5.0dB	386°K	405526 +100 Hz
2022-01-13	Thursday	16:00	150°	+63°	0 dB	0°	150°	+63°	289°	+22°	5.1dB	387°K	405541 +65 Hz
2022-01-13	Thursday	16:30	164°	+65°	0 dB	0°	164°	+65°	296°	+22°	5.1dB	388°K	405556 +29 Hz
2022-01-13	Thursday	17:00	181°	+66°	0 dB	0°	181°	+66°	303°	+22°	5.1dB	389°K	405570 -7 Hz
2022-01-13	Thursday	17:30	197°	+65°	0 dB	0°	197°	+65°	311°	+22°	5.1dB	390°K	405583 -44 Hz
2022-01-13	Thursday	18:00	212°	+63°	0 dB	0°	212°	+63°	318°	+22°	5.1dB	391°K	405596 -79 Hz
2022-01-13	Thursday	18:30	224°	+60°	0 dB	0°	224°	+60°	325°	+22°	5.1dB	392°K	405609 -114 Hz
2022-01-13	Thursday	19:00	235°	+56°	0 dB	0°	235°	+56°	332°	+22°	5.1dB	393°K	405621 -146 Hz
2022-01-13	Thursday	19:30	244°	+52°	0 dB	0°	244°	+52°	340°	+22°	5.1dB	394°K	405633 -176 Hz
2022-01-13	Thursday	20:00	251°	+47°	0 dB	0°	251°	+47°	347°	+22°	5.1dB	395°K	405645 -203 Hz
2022-01-13	Thursday	20:30	258°	+42°	0 dB	0°	258°	+42°	354°	+22°	5.1dB	396°K	405656 -227 Hz
2022-01-13	Thursday	21:00	264°	+37°	0 dB	0°	264°	+37°	1°	+22°	5.2dB	397°K	405666 -246 Hz
2022-01-13	Thursday	21:30	269°	+32°	0 dB	0°	269°	+32°	9°	+23°	5.2dB	398°K	405677 -262 Hz
2022-01-13	Thursday	22:00	275°	+27°	0 dB	0°	275°	+27°	16°	+23°	5.2dB	399°K	405686 -273 Hz
2022-01-13	Thursday	22:30	280°	+22°	0 dB	0°	280°	+22°	23°	+23°	5.2dB	401°K	405696 -280 Hz
2022-01-13	Thursday	23:00	285°	+17°	0 dB	0°	285°	+17°	30°	+23°	5.2dB	402°K	405705 -282 Hz
2022-01-13	Thursday	23:30	289°	+12°	0 dB	0°	289°	+12°	38°	+23°	5.2dB	403°K	405713 -280 Hz
2022-01-14	Friday	00:00	294°	+8°	0 dB	0°	294°	+8°	45°	+23°	5.2dB	404°K	405721 -274 Hz
2022-01-14	Friday	00:30	299°	+3°	0 dB	0°	299°	+3°	52°	+23°	5.2dB	405°K	405729 -263 Hz
2022-01-14	Friday	10:00	057°	+2°	0 dB	0°	057°	+2°	190°	+24°	5.4dB	428°K	405795 +255 Hz
2022-01-14	Friday	10:30	062°	+6°	0 dB	0°	062°	+6°	197°	+24°	5.5dB	430°K	405794 +268 Hz
2022-01-14	Friday	11:00	067°	+11°	0 dB	0°	067°	+11°	205°	+24°	5.5dB	431°K	405793 +276 Hz
2022-01-14	Friday	11:30	072°	+15°	0 dB	0°	072°	+15°	212°	+24°	5.5dB	432°K	405792 +280 Hz
2022-01-14	Friday	12:00	077°	+20°	0 dB	0°	077°	+20°	219°	+24°	5.5dB	433°K	405790 +279 Hz
2022-01-14	Friday	12:30	082°	+25°	0 dB	0°	082°	+25°	226°	+24°	5.5dB	435°K	405788 +274 Hz
2022-01-14	Friday	13:00	086°	+30°	0 dB	0°	086°	+30°	234°	+24°	5.5dB	437°K	405786 +265 Hz
2022-01-14	Friday	13:30	092°	+36°	0 dB	0°	092°	+36°	241°	+24°	5.5dB	439°K	405783 +251 Hz
2022-01-14	Friday	14:00	097°	+41°	0 dB	0°	097°	+41°	248°	+24°	5.6dB	442°K	405780 +233 Hz
2022-01-14	Friday	14:30	103°	+46°	0 dB	0°	103°	+46°	255°	+24°	5.6dB	444°K	405776 +212 Hz
2022-01-14	Friday	15:00	110°	+51°	0 dB	0°	110°	+51°	263°	+24°	5.6dB	446°K	405772 +186 Hz
2022-01-14	Friday	15:30	118°	+55°	0 dB	0°	118°	+55°	270°	+24°	5.6dB	449°K	405767 +158 Hz
2022-01-14	Friday	16:00	127°	+60°	0 dB	0°	127°	+60°	277°	+24°	5.6dB	451°K	405763 +127 Hz
2022-01-14	Friday	16:30	139°	+63°	0 dB	0°	139°	+63°	284°	+24°	5.7dB	453°K	405757 +94 Hz
2022-01-14	Friday	17:00	153°	+66°	0 dB	0°	153°	+66°	292°	+25°	5.7dB	456°K	405752 +60 Hz
2022-01-14	Friday	17:30	170°	+68°	0 dB	0°	170°	+68°	299°	+25°	5.7dB	458°K	405746 +24 Hz
2022-01-14	Friday	18:00	188°	+68°	0 dB	0°	188°	+68°	306°	+25°	5.7dB	460°K	405739 -12 Hz
2022-01-14	Friday	18:30	205°	+67°	0 dB	0°	205°	+67°	313°	+25°	5.7dB	463°K	405733 -47 Hz
2022-01-14	Friday	19:00	220°	+64°	0 dB	0°	220°	+64°	321°	+25°	5.8dB	465°K	405726 -82 Hz
2022-01-14	Friday	19:30	232°	+60°	0 dB	0°	232°	+60°	328°	+25°	5.8dB	467°K	405718 -115 Hz
2022-01-14	Friday	20:00	242°	+56°	0 dB	0°	242°	+56°	335°	+25°	5.8dB	470°K	405710 -146 Hz
2022-01-14	Friday	20:30	250°	+51°	0 dB	0°	250°	+51°	342°	+25°	5.8dB	472°K	405702 -174 Hz
2022-01-14	Friday	21:00	257°	+47°	0 dB	0°	257°	+47°	350°	+25°	5.8dB	474°K	405694 -199 Hz
2022-01-14	Friday	21:30	263°	+42°	0 dB	0°	263°	+42°	357°	+25°	5.9dB	477°K	405685 -221 Hz
2022-01-14	Friday	22:00	268°	+37°	0 dB	0°	268°	+37°	4°	+25°	5.9dB	479°K	405675 -239 Hz
2022-01-14	Friday	22:30	274°	+32°	0 dB	0°	274°	+32°	11°	+25°	5.9dB	481°K	405666 -252 Hz
2022-01-14	Friday	23:00	279°	+27°	0 dB	0°	279°	+27°	19°	+25°	5.9dB	484°K	405656 -262 Hz
2022-01-14	Friday	23:30	283°	+22°	0 dB	0°	283°	+22°	26°	+25°	5.9dB	486°K	405645 -267 Hz
2022-01-15	Saturday	00:00	288°	+17°	0 dB	0°	288°	+17°	33°	+25°	5.9dB	488°K	405634 -268 Hz
2022-01-15	Saturday	00:30	293°	+12°	0 dB	0°	293°	+12°	41°	+25°	6.0dB	491°K	405623 -264 Hz
2022-01-15	Saturday	01:00	298°	+7°	0 dB	0°	298°	+7°	48°	+25°	6.0dB	493°K	405612 -256 Hz
2022-01-15	Saturday	01:30	303°	+3°	0 dB	0°	303°	+3°	55°	+25°	6.0dB	495°K	405600 -244 Hz
2022-01-15	Saturday	10:30	053°	+0°	0 dB	0°	053°	+0°	185°	+26°	6.0dB	500°K	405328 +250 Hz
2022-01-15	Saturday	11:00	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	6.0dB	500°K	405309 +265 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-15	Saturday	11:30	063°	+9°	0 dB	0°	063°	+9°	200°	+26°	6.0dB	500°K	405291 +276 Hz
2022-01-15	Saturday	12:00	068°	+14°	0 dB	0°	068°	+14°	207°	+26°	6.0dB	500°K	405272 +282 Hz
2022-01-15	Saturday	12:30	072°	+18°	0 dB	0°	072°	+18°	214°	+26°	6.0dB	500°K	405252 +285 Hz
2022-01-15	Saturday	13:00	077°	+23°	0 dB	0°	077°	+23°	222°	+26°	6.0dB	500°K	405233 +283 Hz
2022-01-15	Saturday	13:30	082°	+28°	0 dB	0°	082°	+28°	229°	+26°	6.0dB	500°K	405213 +276 Hz
2022-01-15	Saturday	14:00	087°	+33°	0 dB	0°	087°	+33°	236°	+26°	6.0dB	500°K	405193 +265 Hz
2022-01-15	Saturday	14:30	092°	+38°	0 dB	0°	092°	+38°	243°	+26°	6.0dB	500°K	405172 +251 Hz
2022-01-15	Saturday	15:00	097°	+43°	0 dB	0°	097°	+43°	251°	+26°	6.0dB	500°K	405151 +232 Hz
2022-01-15	Saturday	15:30	104°	+49°	0 dB	0°	104°	+49°	258°	+26°	6.0dB	500°K	405130 +209 Hz
2022-01-15	Saturday	16:00	111°	+53°	0 dB	0°	111°	+53°	265°	+26°	6.0dB	500°K	405108 +183 Hz
2022-01-15	Saturday	16:30	119°	+58°	0 dB	0°	119°	+58°	272°	+26°	6.0dB	498°K	405086 +155 Hz
2022-01-15	Saturday	17:00	129°	+62°	0 dB	0°	129°	+62°	280°	+26°	6.0dB	495°K	405064 +123 Hz
2022-01-15	Saturday	17:30	142°	+66°	0 dB	0°	142°	+66°	287°	+26°	5.9dB	491°K	405042 +90 Hz
2022-01-15	Saturday	18:00	158°	+68°	0 dB	0°	158°	+68°	294°	+26°	5.9dB	488°K	405019 +56 Hz
2022-01-15	Saturday	18:30	176°	+70°	0 dB	0°	176°	+70°	301°	+26°	5.9dB	485°K	404996 +21 Hz
2022-01-15	Saturday	19:00	195°	+69°	0 dB	0°	195°	+69°	309°	+26°	5.9dB	482°K	404972 -15 Hz
2022-01-15	Saturday	19:30	212°	+67°	0 dB	0°	212°	+67°	316°	+26°	5.8dB	479°K	404949 -50 Hz
2022-01-15	Saturday	20:00	226°	+64°	0 dB	0°	226°	+64°	323°	+26°	5.8dB	475°K	404924 -83 Hz
2022-01-15	Saturday	20:30	237°	+60°	0 dB	0°	237°	+60°	330°	+26°	5.8dB	472°K	404900 -115 Hz
2022-01-15	Saturday	21:00	246°	+56°	0 dB	0°	246°	+56°	338°	+26°	5.8dB	469°K	404875 -145 Hz
2022-01-15	Saturday	21:30	254°	+51°	0 dB	0°	254°	+51°	345°	+26°	5.7dB	466°K	404851 -172 Hz
2022-01-15	Saturday	22:00	260°	+46°	0 dB	0°	260°	+46°	352°	+26°	5.7dB	463°K	404825 -196 Hz
2022-01-15	Saturday	22:30	266°	+41°	0 dB	0°	266°	+41°	359°	+26°	5.7dB	459°K	404800 -216 Hz
2022-01-15	Saturday	23:00	271°	+36°	0 dB	0°	271°	+36°	7°	+26°	5.6dB	456°K	404774 -233 Hz
2022-01-15	Saturday	23:30	276°	+31°	0 dB	0°	276°	+31°	14°	+26°	5.6dB	453°K	404748 -245 Hz
2022-01-16	Sunday	00:00	281°	+26°	0 dB	0°	281°	+26°	21°	+26°	5.6dB	450°K	404721 -253 Hz
2022-01-16	Sunday	00:30	286°	+21°	0 dB	0°	286°	+21°	28°	+26°	5.6dB	447°K	404695 -257 Hz
2022-01-16	Sunday	01:00	291°	+16°	0 dB	0°	291°	+16°	36°	+26°	5.5dB	443°K	404668 -257 Hz
2022-01-16	Sunday	01:30	295°	+11°	0 dB	0°	295°	+11°	43°	+26°	5.5dB	440°K	404640 -252 Hz
2022-01-16	Sunday	02:00	300°	+7°	0 dB	0°	300°	+7°	50°	+26°	5.5dB	437°K	404613 -243 Hz
2022-01-16	Sunday	02:30	305°	+3°	0 dB	0°	305°	+3°	57°	+26°	5.4dB	434°K	404585 -230 Hz
2022-01-16	Sunday	11:30	054°	+2°	0 dB	0°	054°	+2°	188°	+26°	5.1dB	394°K	404035 +260 Hz
2022-01-16	Sunday	12:00	059°	+6°	0 dB	0°	059°	+6°	195°	+26°	5.0dB	393°K	404002 +274 Hz
2022-01-16	Sunday	12:30	064°	+11°	0 dB	0°	064°	+11°	202°	+26°	5.0dB	391°K	403969 +283 Hz
2022-01-16	Sunday	13:00	069°	+15°	0 dB	0°	069°	+15°	209°	+26°	5.0dB	389°K	403935 +289 Hz
2022-01-16	Sunday	13:30	073°	+20°	0 dB	0°	073°	+20°	217°	+26°	5.0dB	388°K	403901 +290 Hz
2022-01-16	Sunday	14:00	078°	+25°	0 dB	0°	078°	+25°	224°	+26°	5.0dB	386°K	403867 +287 Hz
2022-01-16	Sunday	14:30	083°	+30°	0 dB	0°	083°	+30°	231°	+26°	5.0dB	385°K	403833 +279 Hz
2022-01-16	Sunday	15:00	088°	+35°	0 dB	0°	088°	+35°	238°	+26°	4.9dB	383°K	403798 +267 Hz
2022-01-16	Sunday	15:30	093°	+40°	0 dB	0°	093°	+40°	246°	+26°	4.9dB	381°K	403763 +251 Hz
2022-01-16	Sunday	16:00	099°	+45°	0 dB	0°	099°	+45°	253°	+26°	4.9dB	380°K	403728 +231 Hz
2022-01-16	Sunday	16:30	105°	+50°	0 dB	0°	105°	+50°	260°	+26°	4.9dB	378°K	403693 +208 Hz
2022-01-16	Sunday	17:00	113°	+55°	0 dB	0°	113°	+55°	267°	+26°	4.9dB	377°K	403657 +181 Hz
2022-01-16	Sunday	17:30	121°	+60°	0 dB	0°	121°	+60°	275°	+26°	4.9dB	375°K	403621 +152 Hz
2022-01-16	Sunday	18:00	132°	+64°	0 dB	0°	132°	+64°	282°	+26°	4.8dB	373°K	403585 +120 Hz
2022-01-16	Sunday	18:30	146°	+67°	0 dB	0°	146°	+67°	289°	+26°	4.8dB	372°K	403549 +87 Hz
2022-01-16	Sunday	19:00	163°	+69°	0 dB	0°	163°	+69°	296°	+26°	4.8dB	370°K	403512 +52 Hz
2022-01-16	Sunday	19:30	182°	+70°	0 dB	0°	182°	+70°	304°	+26°	4.8dB	368°K	403475 +17 Hz
2022-01-16	Sunday	20:00	200°	+69°	0 dB	0°	200°	+69°	311°	+26°	4.8dB	366°K	403438 -18 Hz
2022-01-16	Sunday	20:30	216°	+66°	0 dB	0°	216°	+66°	318°	+26°	4.7dB	363°K	403401 -53 Hz
2022-01-16	Sunday	21:00	230°	+63°	0 dB	0°	230°	+63°	325°	+26°	4.7dB	361°K	403363 -86 Hz
2022-01-16	Sunday	21:30	240°	+59°	0 dB	0°	240°	+59°	333°	+26°	4.7dB	358°K	403325 -118 Hz
2022-01-16	Sunday	22:00	249°	+54°	0 dB	0°	249°	+54°	340°	+26°	4.6dB	356°K	403287 -147 Hz
2022-01-16	Sunday	22:30	256°	+49°	0 dB	0°	256°	+49°	347°	+26°	4.6dB	354°K	403249 -173 Hz
2022-01-16	Sunday	23:00	262°	+44°	0 dB	0°	262°	+44°	354°	+26°	4.6dB	351°K	403211 -196 Hz
2022-01-16	Sunday	23:30	268°	+39°	0 dB	0°	268°	+39°	2°	+26°	4.6dB	349°K	403172 -216 Hz
2022-01-17	Monday	00:00	273°	+34°	0 dB	0°	273°	+34°	9°	+26°	4.5dB	346°K	403133 -231 Hz
2022-01-17	Monday	00:30	278°	+29°	0 dB	0°	278°	+29°	16°	+26°	4.5dB	344°K	403094 -242 Hz
2022-01-17	Monday	01:00	282°	+24°	0 dB	0°	282°	+24°	23°	+26°	4.5dB	341°K	403054 -249 Hz
2022-01-17	Monday	01:30	287°	+19°	0 dB	0°	287°	+19°	30°	+26°	4.5dB	339°K	403014 -252 Hz
2022-01-17	Monday	02:00	292°	+14°	0 dB	0°	292°	+14°	38°	+26°	4.4dB	337°K	402974 -250 Hz
2022-01-17	Monday	02:30	297°	+10°	0 dB	0°	297°	+10°	45°	+26°	4.4dB	334°K	402934 -244 Hz
2022-01-17	Monday	03:00	301°	+5°	0 dB	0°	301°	+5°	52°	+26°	4.4dB	332°K	402894 -234 Hz
2022-01-17	Monday	03:30	306°	+1°	0 dB	0°	306°	+1°	59°	+26°	4.3dB	329°K	402853 -220 Hz
2022-01-17	Monday	12:30	056°	+3°	0 dB	0°	056°	+3°	190°	+26°	3.7dB	282°K	402085 +271 Hz
2022-01-17	Monday	13:00	061°	+7°	0 dB	0°	061°	+7°	197°	+26°	3.7dB	279°K	402041 +284 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-17	Monday	13:30	066°	+12°	0 dB	0°	066°	+12°	204°	+26°	3.7dB	276°K	401996 +292 Hz
2022-01-17	Monday	14:00	071°	+16°	0 dB	0°	071°	+16°	212°	+25°	3.6dB	273°K	401951 +296 Hz
2022-01-17	Monday	14:30	075°	+21°	0 dB	0°	075°	+21°	219°	+25°	3.6dB	270°K	401905 +296 Hz
2022-01-17	Monday	15:00	080°	+26°	0 dB	0°	080°	+26°	226°	+25°	3.6dB	268°K	401860 +292 Hz
2022-01-17	Monday	15:30	085°	+31°	0 dB	0°	085°	+31°	233°	+25°	3.5dB	265°K	401814 +283 Hz
2022-01-17	Monday	16:00	090°	+36°	0 dB	0°	090°	+36°	241°	+25°	3.5dB	262°K	401768 +270 Hz
2022-01-17	Monday	16:30	096°	+41°	0 dB	0°	096°	+41°	248°	+25°	3.4dB	259°K	401722 +253 Hz
2022-01-17	Monday	17:00	102°	+46°	0 dB	0°	102°	+46°	255°	+25°	3.4dB	256°K	401676 +232 Hz
2022-01-17	Monday	17:30	108°	+51°	0 dB	0°	108°	+51°	262°	+25°	3.3dB	253°K	401630 +207 Hz
2022-01-17	Monday	18:00	116°	+56°	0 dB	0°	116°	+56°	269°	+25°	3.3dB	250°K	401583 +179 Hz
2022-01-17	Monday	18:30	126°	+60°	0 dB	0°	126°	+60°	277°	+25°	3.3dB	247°K	401536 +149 Hz
2022-01-17	Monday	19:00	137°	+64°	0 dB	0°	137°	+64°	284°	+25°	3.2dB	244°K	401489 +116 Hz
2022-01-17	Monday	19:30	152°	+67°	0 dB	0°	152°	+67°	291°	+25°	3.2dB	242°K	401442 +82 Hz
2022-01-17	Monday	20:00	169°	+68°	0 dB	0°	169°	+68°	298°	+25°	3.1dB	239°K	401395 +47 Hz
2022-01-17	Monday	20:30	187°	+69°	0 dB	0°	187°	+69°	306°	+25°	3.1dB	236°K	401347 +11 Hz
2022-01-17	Monday	21:00	204°	+67°	0 dB	0°	204°	+67°	313°	+25°	3.0dB	233°K	401299 -24 Hz
2022-01-17	Monday	21:30	219°	+64°	0 dB	0°	219°	+64°	320°	+25°	3.0dB	230°K	401251 -59 Hz
2022-01-17	Monday	22:00	231°	+61°	0 dB	0°	231°	+61°	327°	+25°	2.9dB	227°K	401203 -92 Hz
2022-01-17	Monday	22:30	241°	+57°	0 dB	0°	241°	+57°	335°	+25°	2.9dB	225°K	401155 -123 Hz
2022-01-17	Monday	23:00	249°	+52°	0 dB	0°	249°	+52°	342°	+25°	2.9dB	224°K	401106 -152 Hz
2022-01-17	Monday	23:30	256°	+47°	0 dB	0°	256°	+47°	349°	+25°	2.9dB	223°K	401057 -178 Hz
2022-01-18	Tuesday	00:00	262°	+42°	0 dB	0°	262°	+42°	356°	+25°	2.9dB	222°K	401009 -200 Hz
2022-01-18	Tuesday	00:30	268°	+37°	0 dB	0°	268°	+37°	4°	+25°	2.8dB	221°K	400959 -219 Hz
2022-01-18	Tuesday	01:00	273°	+32°	0 dB	0°	273°	+32°	11°	+25°	2.8dB	220°K	400910 -233 Hz
2022-01-18	Tuesday	01:30	278°	+27°	0 dB	0°	278°	+27°	18°	+25°	2.8dB	219°K	400861 -244 Hz
2022-01-18	Tuesday	02:00	283°	+22°	0 dB	0°	283°	+22°	25°	+25°	2.8dB	219°K	400811 -249 Hz
2022-01-18	Tuesday	02:30	287°	+17°	0 dB	0°	287°	+17°	33°	+25°	2.8dB	218°K	400761 -251 Hz
2022-01-18	Tuesday	03:00	292°	+12°	0 dB	0°	292°	+12°	40°	+25°	2.8dB	217°K	400711 -248 Hz
2022-01-18	Tuesday	03:30	297°	+7°	0 dB	0°	297°	+7°	47°	+24°	2.8dB	216°K	400661 -241 Hz
2022-01-18	Tuesday	04:00	302°	+3°	0 dB	0°	302°	+3°	54°	+24°	2.7dB	215°K	400611 -229 Hz
2022-01-18	Tuesday	13:30	059°	+3°	0 dB	0°	059°	+3°	192°	+24°	2.4dB	197°K	399622 +283 Hz
2022-01-18	Tuesday	14:00	064°	+7°	0 dB	0°	064°	+7°	199°	+23°	2.4dB	196°K	399568 +295 Hz
2022-01-18	Tuesday	14:30	069°	+11°	0 dB	0°	069°	+11°	207°	+23°	2.4dB	195°K	399515 +302 Hz
2022-01-18	Tuesday	15:00	074°	+16°	0 dB	0°	074°	+16°	214°	+23°	2.3dB	194°K	399461 +305 Hz
2022-01-18	Tuesday	15:30	079°	+21°	0 dB	0°	079°	+21°	221°	+23°	2.3dB	193°K	399406 +304 Hz
2022-01-18	Tuesday	16:00	084°	+26°	0 dB	0°	084°	+26°	228°	+23°	2.3dB	192°K	399352 +298 Hz
2022-01-18	Tuesday	16:30	089°	+31°	0 dB	0°	089°	+31°	236°	+23°	2.3dB	191°K	399298 +288 Hz
2022-01-18	Tuesday	17:00	094°	+36°	0 dB	0°	094°	+36°	243°	+23°	2.3dB	190°K	399243 +273 Hz
2022-01-18	Tuesday	17:30	100°	+41°	0 dB	0°	100°	+41°	250°	+23°	2.2dB	189°K	399188 +254 Hz
2022-01-18	Tuesday	18:00	106°	+46°	0 dB	0°	106°	+46°	257°	+23°	2.2dB	188°K	399133 +232 Hz
2022-01-18	Tuesday	18:30	113°	+51°	0 dB	0°	113°	+51°	265°	+23°	2.2dB	187°K	399078 +206 Hz
2022-01-18	Tuesday	19:00	122°	+55°	0 dB	0°	122°	+55°	272°	+23°	2.2dB	186°K	399023 +176 Hz
2022-01-18	Tuesday	19:30	132°	+59°	0 dB	0°	132°	+59°	279°	+23°	2.2dB	185°K	398967 +145 Hz
2022-01-18	Tuesday	20:00	144°	+63°	0 dB	0°	144°	+63°	286°	+23°	2.1dB	184°K	398912 +111 Hz
2022-01-18	Tuesday	20:30	159°	+65°	0 dB	0°	159°	+65°	294°	+23°	2.1dB	183°K	398856 +75 Hz
2022-01-18	Tuesday	21:00	175°	+66°	0 dB	0°	175°	+66°	301°	+23°	2.1dB	182°K	398800 +39 Hz
2022-01-18	Tuesday	21:30	192°	+66°	0 dB	0°	192°	+66°	308°	+23°	2.1dB	182°K	398744 +3 Hz
2022-01-18	Tuesday	22:00	207°	+64°	0 dB	0°	207°	+64°	315°	+23°	2.1dB	181°K	398688 -33 Hz
2022-01-18	Tuesday	22:30	221°	+61°	0 dB	0°	221°	+61°	323°	+22°	2.1dB	180°K	398632 -68 Hz
2022-01-18	Tuesday	23:00	232°	+57°	0 dB	0°	232°	+57°	330°	+22°	2.0dB	179°K	398575 -102 Hz
2022-01-18	Tuesday	23:30	241°	+53°	0 dB	0°	241°	+53°	337°	+22°	2.0dB	178°K	398519 -133 Hz
2022-01-19	Wednesday	00:00	249°	+48°	0 dB	0°	249°	+48°	344°	+22°	2.0dB	177°K	398462 -161 Hz
2022-01-19	Wednesday	00:30	256°	+44°	0 dB	0°	256°	+44°	352°	+22°	2.0dB	176°K	398405 -186 Hz
2022-01-19	Wednesday	01:00	262°	+39°	0 dB	0°	262°	+39°	359°	+22°	2.0dB	175°K	398348 -208 Hz
2022-01-19	Wednesday	01:30	267°	+33°	0 dB	0°	267°	+33°	6°	+22°	1.9dB	174°K	398291 -226 Hz
2022-01-19	Wednesday	02:00	272°	+28°	0 dB	0°	272°	+28°	13°	+22°	1.9dB	174°K	398233 -239 Hz
2022-01-19	Wednesday	02:30	277°	+23°	0 dB	0°	277°	+23°	21°	+22°	1.9dB	174°K	398176 -248 Hz
2022-01-19	Wednesday	03:00	282°	+18°	0 dB	0°	282°	+18°	28°	+22°	1.9dB	174°K	398118 -253 Hz
2022-01-19	Wednesday	03:30	287°	+13°	0 dB	0°	287°	+13°	35°	+22°	1.9dB	175°K	398060 -253 Hz
2022-01-19	Wednesday	04:00	292°	+8°	0 dB	0°	292°	+8°	42°	+22°	1.9dB	175°K	398002 -248 Hz
2022-01-19	Wednesday	04:30	297°	+4°	0 dB	0°	297°	+4°	50°	+22°	1.9dB	175°K	397944 -239 Hz
2022-01-19	Wednesday	14:30	063°	+2°	0 dB	0°	063°	+2°	195°	+20°	2.0dB	181°K	396753 +296 Hz
2022-01-19	Wednesday	15:00	068°	+6°	0 dB	0°	068°	+6°	202°	+20°	2.0dB	182°K	396692 +307 Hz
2022-01-19	Wednesday	15:30	073°	+11°	0 dB	0°	073°	+11°	209°	+20°	2.0dB	182°K	396630 +313 Hz
2022-01-19	Wednesday	16:00	078°	+16°	0 dB	0°	078°	+16°	216°	+20°	2.0dB	182°K	396569 +314 Hz
2022-01-19	Wednesday	16:30	083°	+21°	0 dB	0°	083°	+21°	224°	+20°	2.0dB	182°K	396508 +311 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-19	Wednesday17:00	088°	+26°	0 dB	0°	088°	+26°	231°	+20°	2.0dB	183°K	396446	+304 Hz
2022-01-19	Wednesday17:30	094°	+31°	0 dB	0°	094°	+31°	238°	+20°	2.0dB	183°K	396385	+292 Hz
2022-01-19	Wednesday18:00	099°	+36°	0 dB	0°	099°	+36°	246°	+20°	2.0dB	183°K	396323	+275 Hz
2022-01-19	Wednesday18:30	105°	+41°	0 dB	0°	105°	+41°	253°	+20°	2.0dB	183°K	396261	+254 Hz
2022-01-19	Wednesday19:00	112°	+45°	0 dB	0°	112°	+45°	260°	+20°	2.0dB	183°K	396199	+230 Hz
2022-01-19	Wednesday19:30	120°	+50°	0 dB	0°	120°	+50°	267°	+19°	2.0dB	183°K	396136	+202 Hz
2022-01-19	Wednesday20:00	129°	+54°	0 dB	0°	129°	+54°	275°	+19°	2.0dB	183°K	396074	+171 Hz
2022-01-19	Wednesday20:30	140°	+58°	0 dB	0°	140°	+58°	282°	+19°	2.0dB	184°K	396012	+137 Hz
2022-01-19	Wednesday21:00	152°	+60°	0 dB	0°	152°	+60°	289°	+19°	2.0dB	184°K	395949	+102 Hz
2022-01-19	Wednesday21:30	166°	+62°	0 dB	0°	166°	+62°	296°	+19°	2.0dB	184°K	395886	+65 Hz
2022-01-19	Wednesday22:00	181°	+63°	0 dB	0°	181°	+63°	304°	+19°	2.0dB	184°K	395823	+28 Hz
2022-01-19	Wednesday22:30	196°	+62°	0 dB	0°	196°	+62°	311°	+19°	2.0dB	184°K	395760	-9 Hz
2022-01-19	Wednesday23:00	210°	+60°	0 dB	0°	210°	+60°	318°	+19°	2.0dB	184°K	395697	-46 Hz
2022-01-19	Wednesday23:30	222°	+57°	0 dB	0°	222°	+57°	325°	+19°	2.0dB	184°K	395634	-81 Hz
2022-01-20	Thursday 00:00	232°	+53°	0 dB	0°	232°	+53°	333°	+19°	2.0dB	185°K	395570	-115 Hz
2022-01-20	Thursday 00:30	240°	+49°	0 dB	0°	240°	+49°	340°	+19°	2.0dB	185°K	395507	-146 Hz
2022-01-20	Thursday 01:00	248°	+44°	0 dB	0°	248°	+44°	347°	+19°	2.0dB	185°K	395443	-173 Hz
2022-01-20	Thursday 01:30	255°	+39°	0 dB	0°	255°	+39°	354°	+18°	2.0dB	185°K	395379	-198 Hz
2022-01-20	Thursday 02:00	260°	+34°	0 dB	0°	260°	+34°	2°	+18°	2.0dB	185°K	395316	-219 Hz
2022-01-20	Thursday 02:30	266°	+29°	0 dB	0°	266°	+29°	9°	+18°	2.0dB	185°K	395251	-235 Hz
2022-01-20	Thursday 03:00	271°	+24°	0 dB	0°	271°	+24°	16°	+18°	2.0dB	186°K	395187	-247 Hz
2022-01-20	Thursday 03:30	276°	+19°	0 dB	0°	276°	+19°	23°	+18°	2.0dB	186°K	395123	-254 Hz
2022-01-20	Thursday 04:00	281°	+14°	0 dB	0°	281°	+14°	31°	+18°	2.0dB	186°K	395059	-257 Hz
2022-01-20	Thursday 04:30	286°	+9°	0 dB	0°	286°	+9°	38°	+18°	2.0dB	186°K	394994	-255 Hz
2022-01-20	Thursday 05:00	291°	+4°	0 dB	0°	291°	+4°	45°	+18°	2.0dB	186°K	394929	-249 Hz
2022-01-20	Thursday 15:30	068°	+0°	0 dB	0°	068°	+0°	198°	+16°	2.0dB	192°K	393542	+310 Hz
2022-01-20	Thursday 16:00	073°	+5°	0 dB	0°	073°	+5°	205°	+16°	2.0dB	192°K	393474	+319 Hz
2022-01-20	Thursday 16:30	078°	+10°	0 dB	0°	078°	+10°	212°	+16°	2.1dB	193°K	393407	+323 Hz
2022-01-20	Thursday 17:00	084°	+15°	0 dB	0°	084°	+15°	220°	+16°	2.1dB	193°K	393339	+323 Hz
2022-01-20	Thursday 17:30	089°	+20°	0 dB	0°	089°	+20°	227°	+16°	2.0dB	193°K	393271	+318 Hz
2022-01-20	Thursday 18:00	094°	+25°	0 dB	0°	094°	+25°	234°	+15°	2.0dB	193°K	393203	+308 Hz
2022-01-20	Thursday 18:30	100°	+30°	0 dB	0°	100°	+30°	241°	+15°	2.1dB	194°K	393135	+293 Hz
2022-01-20	Thursday 19:00	106°	+35°	0 dB	0°	106°	+35°	249°	+15°	2.1dB	194°K	393067	+275 Hz
2022-01-20	Thursday 19:30	112°	+39°	0 dB	0°	112°	+39°	256°	+15°	2.1dB	194°K	392999	+252 Hz
2022-01-20	Thursday 20:00	120°	+44°	0 dB	0°	120°	+44°	263°	+15°	2.1dB	195°K	392930	+225 Hz
2022-01-20	Thursday 20:30	128°	+48°	0 dB	0°	128°	+48°	270°	+15°	2.1dB	195°K	392862	+195 Hz
2022-01-20	Thursday 21:00	138°	+52°	0 dB	0°	138°	+52°	278°	+15°	2.1dB	195°K	392793	+162 Hz
2022-01-20	Thursday 21:30	148°	+55°	0 dB	0°	148°	+55°	285°	+15°	2.1dB	196°K	392724	+127 Hz
2022-01-20	Thursday 22:00	161°	+57°	0 dB	0°	161°	+57°	292°	+15°	2.1dB	196°K	392655	+90 Hz
2022-01-20	Thursday 22:30	174°	+58°	0 dB	0°	174°	+58°	300°	+15°	2.1dB	196°K	392586	+52 Hz
2022-01-20	Thursday 23:00	187°	+58°	0 dB	0°	187°	+58°	307°	+14°	2.1dB	196°K	392517	+13 Hz
2022-01-20	Thursday 23:30	200°	+57°	0 dB	0°	200°	+57°	314°	+14°	2.1dB	197°K	392448	-25 Hz
2022-01-21	Fri day 00:00	212°	+54°	0 dB	0°	212°	+54°	321°	+14°	2.1dB	197°K	392378	-62 Hz
2022-01-21	Fri day 00:30	222°	+51°	0 dB	0°	222°	+51°	329°	+14°	2.1dB	197°K	392309	-97 Hz
2022-01-21	Fri day 01:00	232°	+47°	0 dB	0°	232°	+47°	336°	+14°	2.1dB	198°K	392239	-130 Hz
2022-01-21	Fri day 01:30	240°	+43°	0 dB	0°	240°	+43°	343°	+14°	2.1dB	198°K	392169	-160 Hz
2022-01-21	Fri day 02:00	247°	+38°	0 dB	0°	247°	+38°	350°	+14°	2.1dB	198°K	392099	-188 Hz
2022-01-21	Fri day 02:30	253°	+33°	0 dB	0°	253°	+33°	358°	+14°	2.1dB	198°K	392029	-211 Hz
2022-01-21	Fri day 03:00	259°	+28°	0 dB	0°	259°	+28°	5°	+14°	2.1dB	199°K	391959	-230 Hz
2022-01-21	Fri day 03:30	265°	+23°	0 dB	0°	265°	+23°	12°	+14°	2.1dB	199°K	391889	-245 Hz
2022-01-21	Fri day 04:00	270°	+18°	0 dB	0°	270°	+18°	20°	+13°	2.1dB	199°K	391819	-255 Hz
2022-01-21	Fri day 04:30	275°	+13°	0 dB	0°	275°	+13°	27°	+13°	2.1dB	200°K	391748	-260 Hz
2022-01-21	Fri day 05:00	280°	+8°	0 dB	0°	280°	+8°	34°	+13°	2.1dB	200°K	391677	-261 Hz
2022-01-21	Fri day 05:30	285°	+3°	0 dB	0°	285°	+3°	41°	+13°	2.1dB	200°K	391607	-257 Hz
2022-01-21	Fri day 17:00	079°	+4°	0 dB	0°	079°	+4°	209°	+11°	2.1dB	207°K	389946	+330 Hz
2022-01-21	Fri day 17:30	085°	+9°	0 dB	0°	085°	+9°	216°	+11°	2.1dB	207°K	389873	+332 Hz
2022-01-21	Fri day 18:00	090°	+14°	0 dB	0°	090°	+14°	223°	+10°	2.1dB	207°K	389799	+329 Hz
2022-01-21	Fri day 18:30	095°	+19°	0 dB	0°	095°	+19°	230°	+10°	2.1dB	208°K	389725	+321 Hz
2022-01-21	Fri day 19:00	101°	+24°	0 dB	0°	101°	+24°	238°	+10°	2.1dB	208°K	389651	+309 Hz
2022-01-21	Fri day 19:30	107°	+28°	0 dB	0°	107°	+28°	245°	+10°	2.1dB	208°K	389577	+292 Hz
2022-01-21	Fri day 20:00	113°	+33°	0 dB	0°	113°	+33°	252°	+10°	2.1dB	209°K	389503	+271 Hz
2022-01-21	Fri day 20:30	120°	+38°	0 dB	0°	120°	+38°	259°	+10°	2.1dB	209°K	389429	+245 Hz
2022-01-21	Fri day 21:00	128°	+42°	0 dB	0°	128°	+42°	267°	+10°	2.1dB	209°K	389354	+216 Hz
2022-01-21	Fri day 21:30	137°	+45°	0 dB	0°	137°	+45°	274°	+10°	2.1dB	209°K	389280	+184 Hz
2022-01-21	Fri day 22:00	146°	+49°	0 dB	0°	146°	+49°	281°	+10°	2.2dB	210°K	389205	+149 Hz
2022-01-21	Fri day 22:30	157°	+51°	0 dB	0°	157°	+51°	289°	+9°	2.1dB	210°K	389130	+112 Hz



Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-21	Fri day	23:00	168°	+52°	0 dB	0°	168°	+52°	296°	+9°	2.1dB	210°K	389055 +74 Hz
2022-01-21	Fri day	23:30	180°	+53°	0 dB	0°	180°	+53°	303°	+9°	2.2dB	211°K	388980 +35 Hz
2022-01-22	Saturday	00:00	192°	+52°	0 dB	0°	192°	+52°	310°	+9°	2.2dB	211°K	388905 -4 Hz
2022-01-22	Saturday	00:30	203°	+50°	0 dB	0°	203°	+50°	318°	+9°	2.1dB	211°K	388830 -42 Hz
2022-01-22	Saturday	01:00	214°	+48°	0 dB	0°	214°	+48°	325°	+9°	2.1dB	211°K	388755 -79 Hz
2022-01-22	Saturday	01:30	223°	+44°	0 dB	0°	223°	+44°	332°	+9°	2.2dB	212°K	388679 -114 Hz
2022-01-22	Saturday	02:00	232°	+41°	0 dB	0°	232°	+41°	340°	+9°	2.2dB	212°K	388604 -146 Hz
2022-01-22	Saturday	02:30	239°	+36°	0 dB	0°	239°	+36°	347°	+9°	2.2dB	212°K	388528 -176 Hz
2022-01-22	Saturday	03:00	246°	+32°	0 dB	0°	246°	+32°	354°	+8°	2.2dB	213°K	388452 -201 Hz
2022-01-22	Saturday	03:30	252°	+27°	0 dB	0°	252°	+27°	1°	+8°	2.2dB	214°K	388376 -223 Hz
2022-01-22	Saturday	04:00	258°	+22°	0 dB	0°	258°	+22°	9°	+8°	2.2dB	215°K	388300 -240 Hz
2022-01-22	Saturday	04:30	263°	+17°	0 dB	0°	263°	+17°	16°	+8°	2.2dB	217°K	388224 -252 Hz
2022-01-22	Saturday	05:00	269°	+12°	0 dB	0°	269°	+12°	23°	+8°	2.2dB	218°K	388148 -260 Hz
2022-01-22	Saturday	05:30	274°	+7°	0 dB	0°	274°	+7°	30°	+8°	2.3dB	220°K	388071 -263 Hz
2022-01-22	Saturday	06:00	279°	+1°	0 dB	0°	279°	+1°	38°	+8°	2.3dB	221°K	387995 -261 Hz
2022-01-22	Saturday	18:00	086°	+2°	0 dB	0°	086°	+2°	212°	+5°	2.7dB	259°K	386125 +337 Hz
2022-01-22	Saturday	18:30	091°	+7°	0 dB	0°	091°	+7°	220°	+5°	2.7dB	260°K	386046 +336 Hz
2022-01-22	Saturday	19:00	097°	+12°	0 dB	0°	097°	+12°	227°	+5°	2.8dB	262°K	385966 +331 Hz
2022-01-22	Saturday	19:30	102°	+17°	0 dB	0°	102°	+17°	234°	+5°	2.8dB	264°K	385887 +321 Hz
2022-01-22	Saturday	20:00	108°	+22°	0 dB	0°	108°	+22°	241°	+4°	2.8dB	266°K	385807 +306 Hz
2022-01-22	Saturday	20:30	114°	+26°	0 dB	0°	114°	+26°	249°	+4°	2.8dB	267°K	385728 +286 Hz
2022-01-22	Saturday	21:00	121°	+31°	0 dB	0°	121°	+31°	256°	+4°	2.8dB	269°K	385648 +262 Hz
2022-01-22	Saturday	21:30	128°	+35°	0 dB	0°	128°	+35°	263°	+4°	2.9dB	271°K	385568 +235 Hz
2022-01-22	Saturday	22:00	136°	+39°	0 dB	0°	136°	+39°	271°	+4°	2.9dB	272°K	385488 +204 Hz
2022-01-22	Saturday	22:30	145°	+42°	0 dB	0°	145°	+42°	278°	+4°	2.9dB	274°K	385408 +170 Hz
2022-01-22	Saturday	23:00	154°	+44°	0 dB	0°	154°	+44°	285°	+4°	2.9dB	276°K	385328 +133 Hz
2022-01-22	Saturday	23:30	164°	+46°	0 dB	0°	164°	+46°	292°	+4°	2.9dB	278°K	385247 +95 Hz
2022-01-23	Sunday	00:00	175°	+47°	0 dB	0°	175°	+47°	300°	+4°	3.0dB	279°K	385167 +56 Hz
2022-01-23	Sunday	00:30	186°	+47°	0 dB	0°	186°	+47°	307°	+3°	3.0dB	281°K	385086 +17 Hz
2022-01-23	Sunday	01:00	196°	+46°	0 dB	0°	196°	+46°	314°	+3°	3.0dB	283°K	385006 -22 Hz
2022-01-23	Sunday	01:30	206°	+44°	0 dB	0°	206°	+44°	321°	+3°	3.0dB	284°K	384925 -60 Hz
2022-01-23	Sunday	02:00	215°	+41°	0 dB	0°	215°	+41°	329°	+3°	3.0dB	286°K	384844 -96 Hz
2022-01-23	Sunday	02:30	224°	+37°	0 dB	0°	224°	+37°	336°	+3°	3.1dB	288°K	384763 -130 Hz
2022-01-23	Sunday	03:00	231°	+34°	0 dB	0°	231°	+34°	343°	+3°	3.1dB	289°K	384682 -161 Hz
2022-01-23	Sunday	03:30	238°	+29°	0 dB	0°	238°	+29°	351°	+3°	3.1dB	291°K	384601 -189 Hz
2022-01-23	Sunday	04:00	245°	+25°	0 dB	0°	245°	+25°	358°	+3°	3.1dB	293°K	384520 -212 Hz
2022-01-23	Sunday	04:30	251°	+20°	0 dB	0°	251°	+20°	5°	+2°	3.1dB	295°K	384439 -232 Hz
2022-01-23	Sunday	05:00	256°	+15°	0 dB	0°	256°	+15°	12°	+2°	3.1dB	296°K	384357 -246 Hz
2022-01-23	Sunday	05:30	262°	+10°	0 dB	0°	262°	+10°	20°	+2°	3.2dB	298°K	384276 -256 Hz
2022-01-23	Sunday	06:00	267°	+5°	0 dB	0°	267°	+5°	27°	+2°	3.2dB	300°K	384194 -261 Hz
2022-01-23	Sunday	06:30	272°	-0°	0 dB	0°	272°	-0°	34°	+2°	3.2dB	301°K	384113 -262 Hz
2022-01-23	Sunday	19:00	093°	+0°	0 dB	0°	093°	+0°	216°	-1°	3.2dB	313°K	382042 +339 Hz
2022-01-23	Sunday	19:30	098°	+5°	0 dB	0°	098°	+5°	223°	-1°	3.2dB	313°K	381958 +336 Hz
2022-01-23	Sunday	20:00	104°	+10°	0 dB	0°	104°	+10°	231°	-1°	3.2dB	313°K	381874 +328 Hz
2022-01-23	Sunday	20:30	109°	+15°	0 dB	0°	109°	+15°	238°	-1°	3.2dB	313°K	381790 +315 Hz
2022-01-23	Sunday	21:00	115°	+20°	0 dB	0°	115°	+20°	245°	-2°	3.2dB	313°K	381706 +298 Hz
2022-01-23	Sunday	21:30	122°	+24°	0 dB	0°	122°	+24°	252°	-2°	3.2dB	313°K	381621 +276 Hz
2022-01-23	Sunday	22:00	128°	+28°	0 dB	0°	128°	+28°	260°	-2°	3.2dB	313°K	381537 +250 Hz
2022-01-23	Sunday	22:30	136°	+32°	0 dB	0°	136°	+32°	267°	-2°	3.2dB	313°K	381453 +221 Hz
2022-01-23	Sunday	23:00	144°	+35°	0 dB	0°	144°	+35°	274°	-2°	3.2dB	313°K	381368 +188 Hz
2022-01-23	Sunday	23:30	152°	+37°	0 dB	0°	152°	+37°	281°	-2°	3.2dB	313°K	381284 +153 Hz
2022-01-24	Monday	00:00	161°	+39°	0 dB	0°	161°	+39°	289°	-2°	3.2dB	313°K	381199 +116 Hz
2022-01-24	Monday	00:30	171°	+40°	0 dB	0°	171°	+40°	296°	-2°	3.2dB	313°K	381115 +77 Hz
2022-01-24	Monday	01:00	180°	+41°	0 dB	0°	180°	+41°	303°	-3°	3.2dB	313°K	381030 +38 Hz
2022-01-24	Monday	01:30	190°	+40°	0 dB	0°	190°	+40°	311°	-3°	3.2dB	313°K	380945 -1 Hz
2022-01-24	Monday	02:00	199°	+39°	0 dB	0°	199°	+39°	318°	-3°	3.2dB	312°K	380861 -40 Hz
2022-01-24	Monday	02:30	208°	+37°	0 dB	0°	208°	+37°	325°	-3°	3.2dB	312°K	380776 -77 Hz
2022-01-24	Monday	03:00	216°	+34°	0 dB	0°	216°	+34°	332°	-3°	3.1dB	311°K	380691 -112 Hz
2022-01-24	Monday	03:30	224°	+30°	0 dB	0°	224°	+30°	340°	-3°	3.1dB	311°K	380606 -144 Hz
2022-01-24	Monday	04:00	231°	+26°	0 dB	0°	231°	+26°	347°	-3°	3.1dB	311°K	380521 -173 Hz
2022-01-24	Monday	04:30	238°	+22°	0 dB	0°	238°	+22°	354°	-3°	3.1dB	311°K	380436 -198 Hz
2022-01-24	Monday	05:00	244°	+18°	0 dB	0°	244°	+18°	1°	-4°	3.1dB	310°K	380351 -219 Hz
2022-01-24	Monday	05:30	250°	+13°	0 dB	0°	250°	+13°	9°	-4°	3.1dB	310°K	380266 -236 Hz
2022-01-24	Monday	06:00	255°	+8°	0 dB	0°	255°	+8°	16°	-4°	3.1dB	310°K	380180 -248 Hz
2022-01-24	Monday	06:30	260°	+3°	0 dB	0°	260°	+3°	23°	-4°	3.1dB	309°K	380095 -256 Hz
2022-01-24	Monday	20:30	105°	+3°	0 dB	0°	105°	+3°	227°	-7°	3.0dB	311°K	377691 +330 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-24	Monday	21:00	110°	+8°	0 dB	0°	110°	+8°	234°	-7°	3.0dB	312°K	377605 +320 Hz
2022-01-24	Monday	21:30	116°	+12°	0 dB	0°	116°	+12°	241°	-8°	3.0dB	312°K	377519 +305 Hz
2022-01-24	Monday	22:00	122°	+17°	0 dB	0°	122°	+17°	249°	-8°	3.0dB	313°K	377433 +286 Hz
2022-01-24	Monday	22:30	129°	+21°	0 dB	0°	129°	+21°	256°	-8°	3.0dB	314°K	377346 +262 Hz
2022-01-24	Monday	23:00	135°	+24°	0 dB	0°	135°	+24°	263°	-8°	3.0dB	315°K	377260 +235 Hz
2022-01-24	Monday	23:30	142°	+28°	0 dB	0°	142°	+28°	270°	-8°	3.0dB	315°K	377174 +204 Hz
2022-01-25	Tuesday	00:00	150°	+30°	0 dB	0°	150°	+30°	278°	-8°	3.0dB	316°K	377088 +171 Hz
2022-01-25	Tuesday	00:30	158°	+32°	0 dB	0°	158°	+32°	285°	-8°	3.0dB	317°K	377002 +135 Hz
2022-01-25	Tuesday	01:00	167°	+34°	0 dB	0°	167°	+34°	292°	-8°	3.1dB	318°K	376915 +98 Hz
2022-01-25	Tuesday	01:30	176°	+35°	0 dB	0°	176°	+35°	299°	-9°	3.1dB	319°K	376829 +59 Hz
2022-01-25	Tuesday	02:00	184°	+34°	0 dB	0°	184°	+34°	307°	-9°	3.1dB	319°K	376743 +21 Hz
2022-01-25	Tuesday	02:30	193°	+34°	0 dB	0°	193°	+34°	314°	-9°	3.1dB	320°K	376657 -17 Hz
2022-01-25	Tuesday	03:00	201°	+32°	0 dB	0°	201°	+32°	321°	-9°	3.1dB	321°K	376571 -55 Hz
2022-01-25	Tuesday	03:30	209°	+30°	0 dB	0°	209°	+30°	328°	-9°	3.1dB	322°K	376484 -90 Hz
2022-01-25	Tuesday	04:00	217°	+27°	0 dB	0°	217°	+27°	336°	-9°	3.1dB	322°K	376398 -123 Hz
2022-01-25	Tuesday	04:30	224°	+23°	0 dB	0°	224°	+23°	343°	-9°	3.1dB	323°K	376312 -153 Hz
2022-01-25	Tuesday	05:00	231°	+19°	0 dB	0°	231°	+19°	350°	-9°	3.1dB	324°K	376226 -180 Hz
2022-01-25	Tuesday	05:30	237°	+15°	0 dB	0°	237°	+15°	357°	-10°	3.1dB	325°K	376140 -203 Hz
2022-01-25	Tuesday	06:00	242°	+11°	0 dB	0°	242°	+11°	5°	-10°	3.1dB	325°K	376054 -222 Hz
2022-01-25	Tuesday	06:30	248°	+6°	0 dB	0°	248°	+6°	12°	-10°	3.1dB	326°K	375968 -237 Hz
2022-01-25	Tuesday	07:00	253°	+1°	0 dB	0°	253°	+1°	19°	-10°	3.1dB	328°K	375882 -246 Hz
2022-01-25	Tuesday	21:30	111°	+1°	0 dB	0°	111°	+1°	230°	-13°	3.4dB	363°K	373409 +319 Hz
2022-01-25	Tuesday	22:00	116°	+5°	0 dB	0°	116°	+5°	237°	-13°	3.4dB	364°K	373325 +307 Hz
2022-01-25	Tuesday	22:30	122°	+9°	0 dB	0°	122°	+9°	244°	-13°	3.4dB	365°K	373240 +291 Hz
2022-01-25	Tuesday	23:00	128°	+13°	0 dB	0°	128°	+13°	251°	-14°	3.4dB	367°K	373156 +271 Hz
2022-01-25	Tuesday	23:30	134°	+17°	0 dB	0°	134°	+17°	258°	-14°	3.4dB	368°K	373073 +246 Hz
2022-01-26	Wednesday	00:00	141°	+21°	0 dB	0°	141°	+21°	266°	-14°	3.4dB	369°K	372989 +218 Hz
2022-01-26	Wednesday	00:30	148°	+23°	0 dB	0°	148°	+23°	273°	-14°	3.4dB	370°K	372905 +187 Hz
2022-01-26	Wednesday	01:00	155°	+26°	0 dB	0°	155°	+26°	280°	-14°	3.4dB	371°K	372821 +154 Hz
2022-01-26	Wednesday	01:30	163°	+27°	0 dB	0°	163°	+27°	287°	-14°	3.4dB	372°K	372738 +118 Hz
2022-01-26	Wednesday	02:00	171°	+28°	0 dB	0°	171°	+28°	295°	-14°	3.4dB	373°K	372655 +81 Hz
2022-01-26	Wednesday	02:30	179°	+29°	0 dB	0°	179°	+29°	302°	-14°	3.5dB	374°K	372571 +44 Hz
2022-01-26	Wednesday	03:00	187°	+28°	0 dB	0°	187°	+28°	309°	-14°	3.5dB	376°K	372488 +6 Hz
2022-01-26	Wednesday	03:30	195°	+27°	0 dB	0°	195°	+27°	316°	-15°	3.5dB	377°K	372405 -30 Hz
2022-01-26	Wednesday	04:00	202°	+26°	0 dB	0°	202°	+26°	324°	-15°	3.5dB	378°K	372322 -66 Hz
2022-01-26	Wednesday	04:30	210°	+23°	0 dB	0°	210°	+23°	331°	-15°	3.5dB	379°K	372240 -100 Hz
2022-01-26	Wednesday	05:00	217°	+20°	0 dB	0°	217°	+20°	338°	-15°	3.5dB	380°K	372157 -131 Hz
2022-01-26	Wednesday	05:30	223°	+17°	0 dB	0°	223°	+17°	345°	-15°	3.5dB	381°K	372075 -159 Hz
2022-01-26	Wednesday	06:00	229°	+13°	0 dB	0°	229°	+13°	353°	-15°	3.5dB	382°K	371992 -184 Hz
2022-01-26	Wednesday	06:30	235°	+9°	0 dB	0°	235°	+9°	360°	-15°	3.5dB	384°K	371910 -205 Hz
2022-01-26	Wednesday	07:00	241°	+5°	0 dB	0°	241°	+5°	7°	-15°	3.5dB	385°K	371828 -222 Hz
2022-01-26	Wednesday	07:30	246°	+0°	0 dB	0°	246°	+0°	14°	-15°	3.5dB	386°K	371746 -234 Hz
2022-01-26	Wednesday	23:00	121°	+2°	0 dB	0°	121°	+2°	239°	-19°	3.7dB	418°K	369292 +292 Hz
2022-01-26	Wednesday	23:30	127°	+6°	0 dB	0°	127°	+6°	246°	-19°	3.7dB	421°K	369217 +275 Hz
2022-01-27	Thursday	00:00	132°	+10°	0 dB	0°	132°	+10°	253°	-19°	3.8dB	423°K	369141 +254 Hz
2022-01-27	Thursday	00:30	138°	+13°	0 dB	0°	138°	+13°	260°	-19°	3.8dB	426°K	369066 +229 Hz
2022-01-27	Thursday	01:00	145°	+17°	0 dB	0°	145°	+17°	267°	-19°	3.8dB	428°K	368990 +201 Hz
2022-01-27	Thursday	01:30	152°	+19°	0 dB	0°	152°	+19°	275°	-19°	3.8dB	430°K	368916 +171 Hz
2022-01-27	Thursday	02:00	158°	+21°	0 dB	0°	158°	+21°	282°	-19°	3.8dB	433°K	368841 +138 Hz
2022-01-27	Thursday	02:30	166°	+23°	0 dB	0°	166°	+23°	289°	-19°	3.8dB	435°K	368767 +103 Hz
2022-01-27	Thursday	03:00	173°	+23°	0 dB	0°	173°	+23°	296°	-19°	3.9dB	438°K	368692 +68 Hz
2022-01-27	Thursday	03:30	181°	+24°	0 dB	0°	181°	+24°	304°	-19°	3.9dB	440°K	368619 +31 Hz
2022-01-27	Thursday	04:00	188°	+23°	0 dB	0°	188°	+23°	311°	-20°	3.9dB	443°K	368545 -5 Hz
2022-01-27	Thursday	04:30	195°	+22°	0 dB	0°	195°	+22°	318°	-20°	3.9dB	445°K	368472 -40 Hz
2022-01-27	Thursday	05:00	202°	+20°	0 dB	0°	202°	+20°	325°	-20°	3.9dB	447°K	368399 -74 Hz
2022-01-27	Thursday	05:30	209°	+18°	0 dB	0°	209°	+18°	332°	-20°	4.0dB	450°K	368326 -106 Hz
2022-01-27	Thursday	06:00	216°	+15°	0 dB	0°	216°	+15°	340°	-20°	4.0dB	452°K	368253 -136 Hz
2022-01-27	Thursday	06:30	222°	+12°	0 dB	0°	222°	+12°	347°	-20°	4.0dB	455°K	368181 -162 Hz
2022-01-27	Thursday	07:00	228°	+8°	0 dB	0°	228°	+8°	354°	-20°	4.0dB	457°K	368109 -186 Hz
2022-01-27	Thursday	07:30	233°	+4°	0 dB	0°	233°	+4°	1°	-20°	4.0dB	460°K	368038 -205 Hz
2022-01-27	Thursday	08:00	239°	+0°	0 dB	0°	239°	+0°	9°	-20°	4.0dB	462°K	367966 -221 Hz
2022-01-28	Fri day	00:30	130°	+3°	0 dB	0°	130°	+3°	246°	-23°	5.2dB	637°K	365794 +258 Hz
2022-01-28	Fri day	01:00	135°	+7°	0 dB	0°	135°	+7°	254°	-23°	5.3dB	648°K	365734 +237 Hz
2022-01-28	Fri day	01:30	141°	+10°	0 dB	0°	141°	+10°	261°	-23°	5.3dB	659°K	365675 +213 Hz
2022-01-28	Fri day	02:00	147°	+13°	0 dB	0°	147°	+13°	268°	-23°	5.4dB	671°K	365616 +186 Hz
2022-01-28	Fri day	02:30	153°	+15°	0 dB	0°	153°	+15°	275°	-23°	5.5dB	682°K	365558 +156 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-01-28	Fri day	03:00	160°	+17°	0 dB	0°	160°	+17°	282°	-23°	5.5dB	693°K	365500 +125 Hz
2022-01-28	Fri day	03:30	167°	+19°	0 dB	0°	167°	+19°	290°	-23°	5.6dB	704°K	365442 +91 Hz
2022-01-28	Fri day	04:00	174°	+19°	0 dB	0°	174°	+19°	297°	-23°	5.6dB	715°K	365385 +56 Hz
2022-01-28	Fri day	04:30	181°	+20°	0 dB	0°	181°	+20°	304°	-23°	5.7dB	727°K	365328 +21 Hz
2022-01-28	Fri day	05:00	188°	+19°	0 dB	0°	188°	+19°	311°	-24°	5.8dB	738°K	365272 -13 Hz
2022-01-28	Fri day	05:30	195°	+18°	0 dB	0°	195°	+18°	318°	-24°	5.8dB	749°K	365216 -47 Hz
2022-01-28	Fri day	06:00	202°	+16°	0 dB	0°	202°	+16°	326°	-24°	5.9dB	760°K	365160 -80 Hz
2022-01-28	Fri day	06:30	208°	+14°	0 dB	0°	208°	+14°	333°	-24°	5.9dB	772°K	365105 -111 Hz
2022-01-28	Fri day	07:00	214°	+12°	0 dB	0°	214°	+12°	340°	-24°	6.0dB	783°K	365050 -140 Hz
2022-01-28	Fri day	07:30	220°	+8°	0 dB	0°	220°	+8°	347°	-24°	6.0dB	794°K	364996 -165 Hz
2022-01-28	Fri day	08:00	226°	+5°	0 dB	0°	226°	+5°	354°	-24°	6.1dB	806°K	364942 -188 Hz
2022-01-28	Fri day	08:30	231°	+1°	0 dB	0°	231°	+1°	2°	-24°	6.1dB	817°K	364889 -207 Hz
2022-01-29	Saturday	01:30	131°	+1°	0 dB	0°	131°	+1°	246°	-26°	10.0dB	2126°K	363361 +242 Hz
2022-01-29	Saturday	02:00	136°	+4°	0 dB	0°	136°	+4°	253°	-26°	10.2dB	2202°K	363325 +222 Hz
2022-01-29	Saturday	02:30	142°	+8°	0 dB	0°	142°	+8°	260°	-26°	10.3dB	2279°K	363290 +199 Hz
2022-01-29	Saturday	03:00	148°	+10°	0 dB	0°	148°	+10°	268°	-26°	10.5dB	2356°K	363255 +173 Hz
2022-01-29	Saturday	03:30	154°	+13°	0 dB	0°	154°	+13°	275°	-26°	10.6dB	2432°K	363221 +144 Hz
2022-01-29	Saturday	04:00	160°	+15°	0 dB	0°	160°	+15°	282°	-26°	10.7dB	2509°K	363187 +113 Hz
2022-01-29	Saturday	04:30	167°	+16°	0 dB	0°	167°	+16°	289°	-26°	10.9dB	2586°K	363154 +81 Hz
2022-01-29	Saturday	05:00	174°	+17°	0 dB	0°	174°	+17°	296°	-26°	11.0dB	2663°K	363121 +47 Hz
2022-01-29	Saturday	05:30	180°	+17°	0 dB	0°	180°	+17°	303°	-26°	11.1dB	2739°K	363089 +13 Hz
2022-01-29	Saturday	06:00	187°	+17°	0 dB	0°	187°	+17°	311°	-26°	11.2dB	2816°K	363058 -21 Hz
2022-01-29	Saturday	06:30	194°	+16°	0 dB	0°	194°	+16°	318°	-26°	11.3dB	2893°K	363027 -54 Hz
2022-01-29	Saturday	07:00	200°	+14°	0 dB	0°	200°	+14°	325°	-26°	11.4dB	2970°K	362997 -87 Hz
2022-01-29	Saturday	07:30	207°	+12°	0 dB	0°	207°	+12°	332°	-26°	11.5dB	3047°K	362967 -117 Hz
2022-01-29	Saturday	08:00	213°	+10°	0 dB	0°	213°	+10°	339°	-26°	11.7dB	3125°K	362938 -145 Hz
2022-01-29	Saturday	08:30	219°	+7°	0 dB	0°	219°	+7°	347°	-26°	11.8dB	3202°K	362909 -171 Hz
2022-01-29	Saturday	09:00	224°	+4°	0 dB	0°	224°	+4°	354°	-26°	11.9dB	3279°K	362881 -193 Hz
2022-01-29	Saturday	09:30	230°	-0°	0 dB	0°	230°	-0°	1°	-26°	11.8dB	3269°K	362853 -212 Hz
2022-01-30	Sunday	02:30	130°	-0°	0 dB	0°	130°	-0°	245°	-26°	8.1dB	1370°K	362281 +229 Hz
2022-01-30	Sunday	03:00	136°	+3°	0 dB	0°	136°	+3°	252°	-26°	8.0dB	1314°K	362275 +210 Hz
2022-01-30	Sunday	03:30	141°	+6°	0 dB	0°	141°	+6°	259°	-26°	7.8dB	1258°K	362270 +188 Hz
2022-01-30	Sunday	04:00	147°	+9°	0 dB	0°	147°	+9°	266°	-26°	7.6dB	1202°K	362265 +162 Hz
2022-01-30	Sunday	04:30	153°	+12°	0 dB	0°	153°	+12°	274°	-26°	7.4dB	1146°K	362262 +134 Hz
2022-01-30	Sunday	05:00	159°	+14°	0 dB	0°	159°	+14°	281°	-26°	7.2dB	1090°K	362258 +104 Hz
2022-01-30	Sunday	05:30	166°	+15°	0 dB	0°	166°	+15°	288°	-26°	7.0dB	1034°K	362256 +72 Hz
2022-01-30	Sunday	06:00	173°	+16°	0 dB	0°	173°	+16°	295°	-26°	6.8dB	978°K	362254 +38 Hz
2022-01-30	Sunday	06:30	179°	+17°	0 dB	0°	179°	+17°	302°	-26°	6.5dB	922°K	362253 +4 Hz
2022-01-30	Sunday	07:00	186°	+17°	0 dB	0°	186°	+17°	309°	-26°	6.3dB	868°K	362252 -30 Hz
2022-01-30	Sunday	07:30	193°	+16°	0 dB	0°	193°	+16°	317°	-26°	6.2dB	852°K	362252 -63 Hz
2022-01-30	Sunday	08:00	199°	+14°	0 dB	0°	199°	+14°	324°	-26°	6.1dB	837°K	362253 -96 Hz
2022-01-30	Sunday	08:30	206°	+12°	0 dB	0°	206°	+12°	331°	-26°	6.0dB	821°K	362254 -126 Hz
2022-01-30	Sunday	09:00	212°	+10°	0 dB	0°	212°	+10°	338°	-26°	6.0dB	805°K	362257 -155 Hz
2022-01-30	Sunday	09:30	218°	+7°	0 dB	0°	218°	+7°	345°	-26°	5.9dB	789°K	362259 -181 Hz
2022-01-30	Sunday	10:00	223°	+4°	0 dB	0°	223°	+4°	353°	-26°	5.8dB	773°K	362263 -204 Hz
2022-01-30	Sunday	10:30	229°	+0°	0 dB	0°	229°	+0°	360°	-26°	5.7dB	757°K	362267 -224 Hz
2022-01-31	Monday	03:30	129°	-0°	0 dB	0°	129°	-0°	244°	-25°	3.1dB	389°K	362808 +218 Hz
2022-01-31	Monday	04:00	134°	+4°	0 dB	0°	134°	+4°	251°	-25°	3.1dB	382°K	362836 +200 Hz
2022-01-31	Monday	04:30	140°	+7°	0 dB	0°	140°	+7°	258°	-25°	3.0dB	375°K	362864 +178 Hz
2022-01-31	Monday	05:00	146°	+10°	0 dB	0°	146°	+10°	265°	-25°	2.9dB	369°K	362894 +153 Hz
2022-01-31	Monday	05:30	152°	+13°	0 dB	0°	152°	+13°	273°	-25°	2.9dB	367°K	362924 +125 Hz
2022-01-31	Monday	06:00	158°	+15°	0 dB	0°	158°	+15°	280°	-25°	2.9dB	365°K	362954 +94 Hz
2022-01-31	Monday	06:30	165°	+17°	0 dB	0°	165°	+17°	287°	-25°	2.9dB	363°K	362985 +62 Hz
2022-01-31	Monday	07:00	171°	+18°	0 dB	0°	171°	+18°	294°	-25°	2.9dB	361°K	363017 +28 Hz
2022-01-31	Monday	07:30	178°	+18°	0 dB	0°	178°	+18°	301°	-25°	2.9dB	359°K	363050 -6 Hz
2022-01-31	Monday	08:00	185°	+18°	0 dB	0°	185°	+18°	308°	-25°	2.8dB	357°K	363083 -41 Hz
2022-01-31	Monday	08:30	192°	+18°	0 dB	0°	192°	+18°	316°	-25°	2.8dB	355°K	363117 -75 Hz
2022-01-31	Monday	09:00	199°	+16°	0 dB	0°	199°	+16°	323°	-25°	2.8dB	353°K	363152 -109 Hz
2022-01-31	Monday	09:30	205°	+14°	0 dB	0°	205°	+14°	330°	-24°	2.8dB	352°K	363187 -140 Hz
2022-01-31	Monday	10:00	212°	+12°	0 dB	0°	212°	+12°	337°	-24°	2.8dB	350°K	363223 -170 Hz
2022-01-31	Monday	10:30	218°	+9°	0 dB	0°	218°	+9°	344°	-24°	2.7dB	348°K	363260 -197 Hz
2022-01-31	Monday	11:00	224°	+6°	0 dB	0°	224°	+6°	352°	-24°	2.7dB	346°K	363297 -221 Hz
2022-01-31	Monday	11:30	229°	+2°	0 dB	0°	229°	+2°	359°	-24°	2.7dB	344°K	363335 -242 Hz
2022-02-01	Tuesday	04:30	127°	+2°	0 dB	0°	127°	+2°	243°	-22°	2.6dB	SUN!	365025 +210 Hz
2022-02-01	Tuesday	05:00	132°	+6°	0 dB	0°	132°	+6°	251°	-22°	2.6dB	SUN!	365086 +191 Hz
2022-02-01	Tuesday	05:30	138°	+10°	0 dB	0°	138°	+10°	258°	-22°	2.6dB	SUN!	365148 +169 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-01	Tuesday	06:00	144°	+13°	0 dB	0°	144°	+13°	265°	-22°	2.6dB	SUN!	365210 +143 Hz
2022-02-01	Tuesday	06:30	150°	+16°	0 dB	0°	150°	+16°	272°	-22°	2.6dB	SUN!	365273 +114 Hz
2022-02-01	Tuesday	07:00	157°	+18°	0 dB	0°	157°	+18°	279°	-22°	2.6dB	SUN!	365337 +83 Hz
2022-02-01	Tuesday	07:30	164°	+20°	0 dB	0°	164°	+20°	287°	-21°	2.6dB	SUN!	365401 +49 Hz
2022-02-01	Tuesday	08:00	171°	+21°	0 dB	0°	171°	+21°	294°	-21°	2.6dB	SUN!	365466 +15 Hz
2022-02-01	Tuesday	08:30	178°	+22°	0 dB	0°	178°	+22°	301°	-21°	2.6dB	SUN!	365531 -21 Hz
2022-02-01	Tuesday	09:00	185°	+22°	0 dB	0°	185°	+22°	308°	-21°	2.6dB	SUN!	365598 -57 Hz
2022-02-01	Tuesday	09:30	193°	+21°	0 dB	0°	193°	+21°	315°	-21°	2.6dB	SUN!	365664 -92 Hz
2022-02-01	Tuesday	10:00	200°	+20°	0 dB	0°	200°	+20°	323°	-21°	2.6dB	SUN!	365732 -127 Hz
2022-02-01	Tuesday	10:30	207°	+18°	0 dB	0°	207°	+18°	330°	-21°	2.6dB	SUN!	365799 -160 Hz
2022-02-01	Tuesday	11:00	213°	+15°	0 dB	0°	213°	+15°	337°	-21°	2.6dB	SUN!	365868 -190 Hz
2022-02-01	Tuesday	11:30	219°	+12°	0 dB	0°	219°	+12°	344°	-21°	2.6dB	SUN!	365937 -218 Hz
2022-02-01	Tuesday	12:00	225°	+9°	0 dB	0°	225°	+9°	352°	-21°	2.6dB	SUN!	366007 -243 Hz
2022-02-01	Tuesday	12:30	231°	+5°	0 dB	0°	231°	+5°	359°	-21°	2.6dB	SUN!	366077 -265 Hz
2022-02-01	Tuesday	13:00	237°	+2°	0 dB	0°	237°	+2°	6°	-21°	2.6dB	SUN!	366148 -283 Hz
2022-02-02	Wednesday	05:00	119°	+2°	0 dB	0°	119°	+2°	237°	-17°	2.4dB	292°K	368719 +218 Hz
2022-02-02	Wednesday	05:30	125°	+6°	0 dB	0°	125°	+6°	244°	-17°	2.3dB	290°K	368809 +202 Hz
2022-02-02	Wednesday	06:00	130°	+11°	0 dB	0°	130°	+11°	251°	-17°	2.3dB	288°K	368898 +183 Hz
2022-02-02	Wednesday	06:30	136°	+14°	0 dB	0°	136°	+14°	259°	-17°	2.3dB	286°K	368989 +159 Hz
2022-02-02	Wednesday	07:00	142°	+18°	0 dB	0°	142°	+18°	266°	-17°	2.3dB	284°K	369079 +132 Hz
2022-02-02	Wednesday	07:30	149°	+21°	0 dB	0°	149°	+21°	273°	-17°	2.3dB	282°K	369171 +102 Hz
2022-02-02	Wednesday	08:00	156°	+23°	0 dB	0°	156°	+23°	280°	-17°	2.2dB	280°K	369262 +69 Hz
2022-02-02	Wednesday	08:30	164°	+25°	0 dB	0°	164°	+25°	288°	-17°	2.2dB	278°K	369355 +34 Hz
2022-02-02	Wednesday	09:00	171°	+26°	0 dB	0°	171°	+26°	295°	-17°	2.2dB	276°K	369447 -2 Hz
2022-02-02	Wednesday	09:30	179°	+27°	0 dB	0°	179°	+27°	302°	-16°	2.2dB	274°K	369540 -39 Hz
2022-02-02	Wednesday	10:00	187°	+26°	0 dB	0°	187°	+26°	309°	-16°	2.2dB	272°K	369634 -76 Hz
2022-02-02	Wednesday	10:30	194°	+26°	0 dB	0°	194°	+26°	316°	-16°	2.1dB	270°K	369728 -113 Hz
2022-02-02	Wednesday	11:00	202°	+24°	0 dB	0°	202°	+24°	324°	-16°	2.1dB	268°K	369823 -149 Hz
2022-02-02	Wednesday	11:30	209°	+22°	0 dB	0°	209°	+22°	331°	-16°	2.1dB	266°K	369918 -182 Hz
2022-02-02	Wednesday	12:00	216°	+19°	0 dB	0°	216°	+19°	338°	-16°	2.1dB	264°K	370013 -214 Hz
2022-02-02	Wednesday	12:30	223°	+16°	0 dB	0°	223°	+16°	345°	-16°	2.0dB	262°K	370109 -243 Hz
2022-02-02	Wednesday	13:00	229°	+13°	0 dB	0°	229°	+13°	353°	-16°	2.0dB	260°K	370206 -268 Hz
2022-02-02	Wednesday	13:30	235°	+9°	0 dB	0°	235°	+9°	360°	-16°	2.0dB	258°K	370303 -290 Hz
2022-02-02	Wednesday	14:00	241°	+5°	0 dB	0°	241°	+5°	7°	-16°	2.0dB	256°K	370400 -307 Hz
2022-02-02	Wednesday	14:30	246°	+0°	0 dB	0°	246°	+0°	14°	-15°	2.0dB	254°K	370498 -320 Hz
2022-02-03	Thursday	05:30	112°	+3°	0 dB	0°	112°	+3°	232°	-12°	1.9dB	243°K	373620 +225 Hz
2022-02-03	Thursday	06:00	117°	+8°	0 dB	0°	117°	+8°	239°	-12°	1.9dB	243°K	373730 +212 Hz
2022-02-03	Thursday	06:30	123°	+12°	0 dB	0°	123°	+12°	246°	-12°	2.0dB	243°K	373840 +195 Hz
2022-02-03	Thursday	07:00	129°	+16°	0 dB	0°	129°	+16°	253°	-12°	2.0dB	243°K	373950 +173 Hz
2022-02-03	Thursday	07:30	135°	+20°	0 dB	0°	135°	+20°	261°	-12°	2.0dB	243°K	374061 +148 Hz
2022-02-03	Thursday	08:00	142°	+24°	0 dB	0°	142°	+24°	268°	-11°	2.0dB	243°K	374172 +119 Hz
2022-02-03	Thursday	08:30	149°	+27°	0 dB	0°	149°	+27°	275°	-11°	2.0dB	243°K	374283 +87 Hz
2022-02-03	Thursday	09:00	156°	+29°	0 dB	0°	156°	+29°	282°	-11°	2.0dB	242°K	374394 +53 Hz
2022-02-03	Thursday	09:30	164°	+31°	0 dB	0°	164°	+31°	290°	-11°	2.0dB	242°K	374506 +16 Hz
2022-02-03	Thursday	10:00	173°	+32°	0 dB	0°	173°	+32°	297°	-11°	2.0dB	242°K	374618 -22 Hz
2022-02-03	Thursday	10:30	181°	+32°	0 dB	0°	181°	+32°	304°	-11°	2.0dB	242°K	374731 -60 Hz
2022-02-03	Thursday	11:00	190°	+32°	0 dB	0°	190°	+32°	311°	-11°	2.0dB	242°K	374844 -98 Hz
2022-02-03	Thursday	11:30	198°	+31°	0 dB	0°	198°	+31°	319°	-11°	2.0dB	242°K	374957 -136 Hz
2022-02-03	Thursday	12:00	206°	+29°	0 dB	0°	206°	+29°	326°	-10°	2.0dB	241°K	375070 -172 Hz
2022-02-03	Thursday	12:30	214°	+27°	0 dB	0°	214°	+27°	333°	-10°	2.0dB	241°K	375183 -206 Hz
2022-02-03	Thursday	13:00	221°	+24°	0 dB	0°	221°	+24°	340°	-10°	2.0dB	241°K	375297 -238 Hz
2022-02-03	Thursday	13:30	228°	+20°	0 dB	0°	228°	+20°	348°	-10°	2.0dB	241°K	375411 -266 Hz
2022-02-03	Thursday	14:00	234°	+16°	0 dB	0°	234°	+16°	355°	-10°	2.0dB	241°K	375526 -291 Hz
2022-02-03	Thursday	14:30	240°	+12°	0 dB	0°	240°	+12°	2°	-10°	2.0dB	241°K	375640 -312 Hz
2022-02-03	Thursday	15:00	246°	+8°	0 dB	0°	246°	+8°	9°	-10°	2.0dB	241°K	375755 -328 Hz
2022-02-03	Thursday	15:30	252°	+3°	0 dB	0°	252°	+3°	17°	-10°	2.0dB	240°K	375870 -340 Hz
2022-02-04	Fri day	06:00	105°	+4°	0 dB	0°	105°	+4°	227°	-6°	2.1dB	239°K	379294 +231 Hz
2022-02-04	Fri day	06:30	110°	+9°	0 dB	0°	110°	+9°	234°	-6°	2.2dB	239°K	379414 +221 Hz
2022-02-04	Fri day	07:00	115°	+14°	0 dB	0°	115°	+14°	242°	-6°	2.2dB	239°K	379535 +206 Hz
2022-02-04	Fri day	07:30	121°	+19°	0 dB	0°	121°	+19°	249°	-6°	2.2dB	239°K	379655 +187 Hz
2022-02-04	Fri day	08:00	128°	+23°	0 dB	0°	128°	+23°	256°	-6°	2.2dB	239°K	379776 +163 Hz
2022-02-04	Fri day	08:30	134°	+27°	0 dB	0°	134°	+27°	264°	-6°	2.2dB	239°K	379897 +135 Hz
2022-02-04	Fri day	09:00	142°	+30°	0 dB	0°	142°	+30°	271°	-5°	2.2dB	239°K	380018 +104 Hz
2022-02-04	Fri day	09:30	150°	+33°	0 dB	0°	150°	+33°	278°	-5°	2.2dB	239°K	380139 +71 Hz
2022-02-04	Fri day	10:00	158°	+36°	0 dB	0°	158°	+36°	285°	-5°	2.2dB	239°K	380260 +35 Hz
2022-02-04	Fri day	10:30	167°	+37°	0 dB	0°	167°	+37°	293°	-5°	2.2dB	239°K	380381 -3 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-04	Fri day	11:00	176°	+38°	0 dB	0°	176°	+38°	300°	-5°	2.2dB	239°K	380502 -42 Hz
2022-02-04	Fri day	11:30	185°	+38°	0 dB	0°	185°	+38°	307°	-5°	2.2dB	239°K	380624 -81 Hz
2022-02-04	Fri day	12:00	195°	+38°	0 dB	0°	195°	+38°	314°	-5°	2.3dB	244°K	380745 -120 Hz
2022-02-04	Fri day	12:30	204°	+36°	0 dB	0°	204°	+36°	322°	-5°	2.3dB	244°K	380866 -158 Hz
2022-02-04	Fri day	13:00	212°	+34°	0 dB	0°	212°	+34°	329°	-4°	2.3dB	245°K	380988 -194 Hz
2022-02-04	Fri day	13:30	220°	+31°	0 dB	0°	220°	+31°	336°	-4°	2.3dB	245°K	381109 -227 Hz
2022-02-04	Fri day	14:00	227°	+27°	0 dB	0°	227°	+27°	343°	-4°	2.3dB	246°K	381231 -258 Hz
2022-02-04	Fri day	14:30	234°	+24°	0 dB	0°	234°	+24°	351°	-4°	2.4dB	247°K	381353 -286 Hz
2022-02-04	Fri day	15:00	241°	+19°	0 dB	0°	241°	+19°	358°	-4°	2.4dB	247°K	381474 -309 Hz
2022-02-04	Fri day	15:30	247°	+15°	0 dB	0°	247°	+15°	5°	-4°	2.4dB	248°K	381596 -328 Hz
2022-02-04	Fri day	16:00	252°	+10°	0 dB	0°	252°	+10°	13°	-4°	2.4dB	248°K	381718 -343 Hz
2022-02-04	Fri day	16:30	258°	+6°	0 dB	0°	258°	+6°	20°	-4°	2.4dB	249°K	381839 -353 Hz
2022-02-04	Fri day	17:00	263°	+1°	0 dB	0°	263°	+1°	27°	-3°	2.4dB	249°K	381961 -358 Hz
2022-02-05	Saturday	06:00	093°	+1°	0 dB	0°	093°	+1°	216°	-0°	2.8dB	264°K	385122 +241 Hz
2022-02-05	Saturday	06:30	098°	+6°	0 dB	0°	098°	+6°	224°	-0°	2.8dB	265°K	385242 +238 Hz
2022-02-05	Saturday	07:00	103°	+11°	0 dB	0°	103°	+11°	231°	-0°	2.8dB	265°K	385363 +230 Hz
2022-02-05	Saturday	07:30	109°	+16°	0 dB	0°	109°	+16°	238°	+0°	2.8dB	266°K	385484 +217 Hz
2022-02-05	Saturday	08:00	114°	+21°	0 dB	0°	114°	+21°	245°	+0°	2.8dB	267°K	385604 +199 Hz
2022-02-05	Saturday	08:30	121°	+26°	0 dB	0°	121°	+26°	253°	+0°	2.8dB	267°K	385725 +178 Hz
2022-02-05	Saturday	09:00	127°	+30°	0 dB	0°	127°	+30°	260°	+0°	2.8dB	268°K	385845 +152 Hz
2022-02-05	Saturday	09:30	135°	+34°	0 dB	0°	135°	+34°	267°	+1°	2.9dB	268°K	385965 +122 Hz
2022-02-05	Saturday	10:00	143°	+38°	0 dB	0°	143°	+38°	274°	+1°	2.9dB	269°K	386085 +89 Hz
2022-02-05	Saturday	10:30	151°	+40°	0 dB	0°	151°	+40°	282°	+1°	2.9dB	269°K	386205 +54 Hz
2022-02-05	Saturday	11:00	161°	+43°	0 dB	0°	161°	+43°	289°	+1°	2.9dB	270°K	386325 +16 Hz
2022-02-05	Saturday	11:30	171°	+44°	0 dB	0°	171°	+44°	296°	+1°	2.9dB	270°K	386445 -22 Hz
2022-02-05	Saturday	12:00	181°	+45°	0 dB	0°	181°	+45°	304°	+1°	2.9dB	271°K	386564 -62 Hz
2022-02-05	Saturday	12:30	191°	+44°	0 dB	0°	191°	+44°	311°	+1°	2.9dB	272°K	386684 -101 Hz
2022-02-05	Saturday	13:00	201°	+43°	0 dB	0°	201°	+43°	318°	+1°	2.9dB	272°K	386803 -140 Hz
2022-02-05	Saturday	13:30	211°	+41°	0 dB	0°	211°	+41°	325°	+2°	3.0dB	273°K	386922 -177 Hz
2022-02-05	Saturday	14:00	219°	+38°	0 dB	0°	219°	+38°	333°	+2°	3.0dB	273°K	387041 -212 Hz
2022-02-05	Saturday	14:30	227°	+34°	0 dB	0°	227°	+34°	340°	+2°	3.0dB	274°K	387160 -244 Hz
2022-02-05	Saturday	15:00	235°	+31°	0 dB	0°	235°	+31°	347°	+2°	3.0dB	274°K	387278 -273 Hz
2022-02-05	Saturday	15:30	242°	+26°	0 dB	0°	242°	+26°	355°	+2°	3.0dB	275°K	387397 -298 Hz
2022-02-05	Saturday	16:00	248°	+22°	0 dB	0°	248°	+22°	2°	+2°	3.0dB	276°K	387515 -320 Hz
2022-02-05	Saturday	16:30	254°	+17°	0 dB	0°	254°	+17°	9°	+2°	3.0dB	276°K	387633 -336 Hz
2022-02-05	Saturday	17:00	260°	+12°	0 dB	0°	260°	+12°	16°	+2°	3.0dB	277°K	387751 -349 Hz
2022-02-05	Saturday	17:30	265°	+7°	0 dB	0°	265°	+7°	24°	+3°	3.1dB	277°K	387869 -356 Hz
2022-02-05	Saturday	18:00	270°	+2°	0 dB	0°	270°	+2°	31°	+3°	3.1dB	278°K	387987 -358 Hz
2022-02-06	Sunday	06:30	086°	+3°	0 dB	0°	086°	+3°	213°	+6°	3.4dB	292°K	390858 +245 Hz
2022-02-06	Sunday	07:00	091°	+8°	0 dB	0°	091°	+8°	220°	+6°	3.4dB	292°K	390970 +244 Hz
2022-02-06	Sunday	07:30	096°	+13°	0 dB	0°	096°	+13°	228°	+6°	3.4dB	293°K	391081 +238 Hz
2022-02-06	Sunday	08:00	102°	+18°	0 dB	0°	102°	+18°	235°	+6°	3.4dB	293°K	391193 +228 Hz
2022-02-06	Sunday	08:30	108°	+23°	0 dB	0°	108°	+23°	242°	+6°	3.4dB	294°K	391303 +212 Hz
2022-02-06	Sunday	09:00	114°	+28°	0 dB	0°	114°	+28°	249°	+6°	3.4dB	294°K	391414 +192 Hz
2022-02-06	Sunday	09:30	120°	+33°	0 dB	0°	120°	+33°	257°	+6°	3.4dB	295°K	391524 +168 Hz
2022-02-06	Sunday	10:00	127°	+37°	0 dB	0°	127°	+37°	264°	+6°	3.4dB	295°K	391634 +140 Hz
2022-02-06	Sunday	10:30	135°	+41°	0 dB	0°	135°	+41°	271°	+6°	3.5dB	296°K	391744 +109 Hz
2022-02-06	Sunday	11:00	144°	+45°	0 dB	0°	144°	+45°	278°	+7°	3.5dB	296°K	391853 +74 Hz
2022-02-06	Sunday	11:30	154°	+47°	0 dB	0°	154°	+47°	286°	+7°	3.5dB	296°K	391962 +38 Hz
2022-02-06	Sunday	12:00	165°	+49°	0 dB	0°	165°	+49°	293°	+7°	3.5dB	297°K	392071 0 Hz
2022-02-06	Sunday	12:30	176°	+50°	0 dB	0°	176°	+50°	300°	+7°	3.5dB	297°K	392179 -39 Hz
2022-02-06	Sunday	13:00	187°	+50°	0 dB	0°	187°	+50°	308°	+7°	3.5dB	297°K	392288 -78 Hz
2022-02-06	Sunday	13:30	198°	+49°	0 dB	0°	198°	+49°	315°	+7°	3.5dB	297°K	392395 -117 Hz
2022-02-06	Sunday	14:00	209°	+47°	0 dB	0°	209°	+47°	322°	+7°	3.5dB	298°K	392503 -154 Hz
2022-02-06	Sunday	14:30	219°	+45°	0 dB	0°	219°	+45°	329°	+7°	3.5dB	298°K	392610 -190 Hz
2022-02-06	Sunday	15:00	228°	+41°	0 dB	0°	228°	+41°	337°	+8°	3.5dB	298°K	392717 -223 Hz
2022-02-06	Sunday	15:30	236°	+37°	0 dB	0°	236°	+37°	344°	+8°	3.5dB	298°K	392824 -254 Hz
2022-02-06	Sunday	16:00	243°	+33°	0 dB	0°	243°	+33°	351°	+8°	3.6dB	299°K	392930 -281 Hz
2022-02-06	Sunday	16:30	249°	+28°	0 dB	0°	249°	+28°	359°	+8°	3.6dB	299°K	393036 -303 Hz
2022-02-06	Sunday	17:00	255°	+24°	0 dB	0°	255°	+24°	6°	+8°	3.6dB	299°K	393141 -322 Hz
2022-02-06	Sunday	17:30	261°	+19°	0 dB	0°	261°	+19°	13°	+8°	3.6dB	300°K	393246 -336 Hz
2022-02-06	Sunday	18:00	267°	+14°	0 dB	0°	267°	+14°	20°	+8°	3.6dB	300°K	393351 -345 Hz
2022-02-06	Sunday	18:30	272°	+9°	0 dB	0°	272°	+9°	28°	+8°	3.6dB	300°K	393456 -349 Hz
2022-02-06	Sunday	19:00	277°	+4°	0 dB	0°	277°	+4°	35°	+8°	3.6dB	300°K	393560 -349 Hz
2022-02-07	Monday	06:30	075°	-0°	0 dB	0°	075°	-0°	202°	+11°	3.9dB	318°K	395854 +244 Hz
2022-02-07	Monday	07:00	080°	+5°	0 dB	0°	080°	+5°	210°	+11°	3.9dB	319°K	395949 +250 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-07	Monday	07:30	085°	+10°	0 dB	0°	085°	+10°	217°	+11°	3.9dB	321°K	396043 +251 Hz
2022-02-07	Monday	08:00	090°	+15°	0 dB	0°	090°	+15°	224°	+11°	4.0dB	322°K	396137 +247 Hz
2022-02-07	Monday	08:30	095°	+20°	0 dB	0°	095°	+20°	232°	+11°	4.0dB	323°K	396231 +238 Hz
2022-02-07	Monday	09:00	101°	+25°	0 dB	0°	101°	+25°	239°	+11°	4.0dB	325°K	396324 +225 Hz
2022-02-07	Monday	09:30	107°	+30°	0 dB	0°	107°	+30°	246°	+12°	4.0dB	326°K	396417 +207 Hz
2022-02-07	Monday	10:00	113°	+35°	0 dB	0°	113°	+35°	253°	+12°	4.0dB	328°K	396510 +185 Hz
2022-02-07	Monday	10:30	120°	+40°	0 dB	0°	120°	+40°	261°	+12°	4.1dB	329°K	396602 +159 Hz
2022-02-07	Monday	11:00	128°	+44°	0 dB	0°	128°	+44°	268°	+12°	4.1dB	330°K	396694 +129 Hz
2022-02-07	Monday	11:30	137°	+48°	0 dB	0°	137°	+48°	275°	+12°	4.1dB	332°K	396785 +97 Hz
2022-02-07	Monday	12:00	146°	+51°	0 dB	0°	146°	+51°	283°	+12°	4.1dB	333°K	396875 +62 Hz
2022-02-07	Monday	12:30	158°	+54°	0 dB	0°	158°	+54°	290°	+12°	4.1dB	334°K	396966 +25 Hz
2022-02-07	Monday	13:00	170°	+55°	0 dB	0°	170°	+55°	297°	+12°	4.2dB	336°K	397056 -13 Hz
2022-02-07	Monday	13:30	183°	+56°	0 dB	0°	183°	+56°	304°	+12°	4.2dB	337°K	397145 -52 Hz
2022-02-07	Monday	14:00	195°	+55°	0 dB	0°	195°	+55°	312°	+12°	4.2dB	339°K	397234 -90 Hz
2022-02-07	Monday	14:30	207°	+53°	0 dB	0°	207°	+53°	319°	+13°	4.2dB	340°K	397323 -128 Hz
2022-02-07	Monday	15:00	218°	+51°	0 dB	0°	218°	+51°	326°	+13°	4.2dB	341°K	397411 -164 Hz
2022-02-07	Monday	15:30	228°	+47°	0 dB	0°	228°	+47°	334°	+13°	4.3dB	343°K	397499 -197 Hz
2022-02-07	Monday	16:00	236°	+43°	0 dB	0°	236°	+43°	341°	+13°	4.3dB	344°K	397586 -229 Hz
2022-02-07	Monday	16:30	244°	+39°	0 dB	0°	244°	+39°	348°	+13°	4.3dB	346°K	397673 -256 Hz
2022-02-07	Monday	17:00	251°	+34°	0 dB	0°	251°	+34°	355°	+13°	4.3dB	347°K	397759 -281 Hz
2022-02-07	Monday	17:30	257°	+30°	0 dB	0°	257°	+30°	3°	+13°	4.3dB	348°K	397845 -301 Hz
2022-02-07	Monday	18:00	263°	+25°	0 dB	0°	263°	+25°	10°	+13°	4.3dB	349°K	397930 -316 Hz
2022-02-07	Monday	18:30	268°	+20°	0 dB	0°	268°	+20°	17°	+13°	4.3dB	349°K	398015 -327 Hz
2022-02-07	Monday	19:00	273°	+15°	0 dB	0°	273°	+15°	25°	+13°	4.4dB	350°K	398100 -334 Hz
2022-02-07	Monday	19:30	279°	+10°	0 dB	0°	279°	+10°	32°	+14°	4.4dB	351°K	398184 -335 Hz
2022-02-07	Monday	20:00	284°	+5°	0 dB	0°	284°	+5°	39°	+14°	4.4dB	351°K	398267 -332 Hz
2022-02-07	Monday	20:30	289°	-0°	0 dB	0°	289°	-0°	46°	+14°	4.4dB	352°K	398350 -324 Hz
2022-02-08	Tuesday	07:00	069°	+1°	0 dB	0°	069°	+1°	199°	+16°	4.6dB	367°K	399983 +246 Hz
2022-02-08	Tuesday	07:30	074°	+6°	0 dB	0°	074°	+6°	206°	+16°	4.6dB	368°K	400056 +254 Hz
2022-02-08	Tuesday	08:00	079°	+11°	0 dB	0°	079°	+11°	214°	+16°	4.6dB	368°K	400128 +257 Hz
2022-02-08	Tuesday	08:30	084°	+16°	0 dB	0°	084°	+16°	221°	+16°	4.6dB	369°K	400199 +255 Hz
2022-02-08	Tuesday	09:00	089°	+21°	0 dB	0°	089°	+21°	228°	+16°	4.6dB	369°K	400270 +249 Hz
2022-02-08	Tuesday	09:30	095°	+26°	0 dB	0°	095°	+26°	236°	+16°	4.6dB	368°K	400340 +238 Hz
2022-02-08	Tuesday	10:00	100°	+31°	0 dB	0°	100°	+31°	243°	+16°	4.6dB	367°K	400410 +223 Hz
2022-02-08	Tuesday	10:30	106°	+37°	0 dB	0°	106°	+37°	250°	+16°	4.6dB	367°K	400479 +203 Hz
2022-02-08	Tuesday	11:00	113°	+41°	0 dB	0°	113°	+41°	257°	+16°	4.6dB	366°K	400548 +179 Hz
2022-02-08	Tuesday	11:30	120°	+46°	0 dB	0°	120°	+46°	265°	+17°	4.6dB	365°K	400616 +151 Hz
2022-02-08	Tuesday	12:00	128°	+50°	0 dB	0°	128°	+50°	272°	+17°	4.6dB	365°K	400684 +121 Hz
2022-02-08	Tuesday	12:30	138°	+54°	0 dB	0°	138°	+54°	279°	+17°	4.6dB	364°K	400751 +87 Hz
2022-02-08	Tuesday	13:00	149°	+57°	0 dB	0°	149°	+57°	287°	+17°	4.6dB	363°K	400818 +52 Hz
2022-02-08	Tuesday	13:30	162°	+59°	0 dB	0°	162°	+59°	294°	+17°	4.6dB	362°K	400884 +15 Hz
2022-02-08	Tuesday	14:00	176°	+61°	0 dB	0°	176°	+61°	301°	+17°	4.6dB	362°K	400950 -22 Hz
2022-02-08	Tuesday	14:30	190°	+60°	0 dB	0°	190°	+60°	308°	+17°	4.6dB	361°K	401015 -60 Hz
2022-02-08	Tuesday	15:00	204°	+59°	0 dB	0°	204°	+59°	316°	+17°	4.6dB	360°K	401080 -97 Hz
2022-02-08	Tuesday	15:30	216°	+56°	0 dB	0°	216°	+56°	323°	+17°	4.6dB	360°K	401144 -133 Hz
2022-02-08	Tuesday	16:00	227°	+53°	0 dB	0°	227°	+53°	330°	+17°	4.6dB	359°K	401207 -167 Hz
2022-02-08	Tuesday	16:30	236°	+49°	0 dB	0°	236°	+49°	337°	+17°	4.6dB	358°K	401270 -199 Hz
2022-02-08	Tuesday	17:00	244°	+45°	0 dB	0°	244°	+45°	345°	+18°	4.6dB	357°K	401333 -227 Hz
2022-02-08	Tuesday	17:30	252°	+40°	0 dB	0°	252°	+40°	352°	+18°	4.6dB	357°K	401395 -253 Hz
2022-02-08	Tuesday	18:00	258°	+35°	0 dB	0°	258°	+35°	359°	+18°	4.6dB	356°K	401456 -274 Hz
2022-02-08	Tuesday	18:30	264°	+30°	0 dB	0°	264°	+30°	7°	+18°	4.6dB	355°K	401517 -292 Hz
2022-02-08	Tuesday	19:00	269°	+25°	0 dB	0°	269°	+25°	14°	+18°	4.6dB	355°K	401578 -304 Hz
2022-02-08	Tuesday	19:30	274°	+20°	0 dB	0°	274°	+20°	21°	+18°	4.6dB	354°K	401638 -313 Hz
2022-02-08	Tuesday	20:00	280°	+15°	0 dB	0°	280°	+15°	28°	+18°	4.5dB	353°K	401697 -316 Hz
2022-02-08	Tuesday	20:30	285°	+10°	0 dB	0°	285°	+10°	36°	+18°	4.5dB	352°K	401756 -315 Hz
2022-02-08	Tuesday	21:00	290°	+5°	0 dB	0°	290°	+5°	43°	+18°	4.5dB	352°K	401814 -310 Hz
2022-02-08	Tuesday	21:30	295°	+1°	0 dB	0°	295°	+1°	50°	+18°	4.5dB	351°K	401872 -300 Hz
2022-02-09	Wednesday	07:30	064°	+2°	0 dB	0°	064°	+2°	196°	+20°	4.7dB	358°K	402914 +248 Hz
2022-02-09	Wednesday	08:00	069°	+7°	0 dB	0°	069°	+7°	203°	+20°	4.7dB	359°K	402960 +258 Hz
2022-02-09	Wednesday	08:30	074°	+11°	0 dB	0°	074°	+11°	210°	+20°	4.7dB	360°K	403006 +263 Hz
2022-02-09	Wednesday	09:00	079°	+16°	0 dB	0°	079°	+16°	217°	+20°	4.7dB	361°K	403051 +264 Hz
2022-02-09	Wednesday	09:30	084°	+22°	0 dB	0°	084°	+22°	225°	+20°	4.7dB	361°K	403096 +260 Hz
2022-02-09	Wednesday	10:00	089°	+27°	0 dB	0°	089°	+27°	232°	+20°	4.7dB	362°K	403140 +251 Hz
2022-02-09	Wednesday	10:30	094°	+32°	0 dB	0°	094°	+32°	239°	+20°	4.7dB	363°K	403184 +238 Hz
2022-02-09	Wednesday	11:00	099°	+37°	0 dB	0°	099°	+37°	246°	+20°	4.7dB	364°K	403227 +221 Hz
2022-02-09	Wednesday	11:30	105°	+42°	0 dB	0°	105°	+42°	254°	+20°	4.7dB	364°K	403270 +200 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-09	Wednesday 12:00	112°	+47°	0 dB	0°	112°	+47°	261°	+21°	4.7dB	365°K	403312	+174 Hz
2022-02-09	Wednesday 12:30	120°	+51°	0 dB	0°	120°	+51°	268°	+21°	4.8dB	366°K	403353	+146 Hz
2022-02-09	Wednesday 13:00	129°	+56°	0 dB	0°	129°	+56°	276°	+21°	4.8dB	367°K	403394	+115 Hz
2022-02-09	Wednesday 13:30	140°	+59°	0 dB	0°	140°	+59°	283°	+21°	4.8dB	367°K	403434	+81 Hz
2022-02-09	Wednesday 14:00	153°	+62°	0 dB	0°	153°	+62°	290°	+21°	4.8dB	368°K	403474	+46 Hz
2022-02-09	Wednesday 14:30	168°	+64°	0 dB	0°	168°	+64°	297°	+21°	4.8dB	369°K	403513	+10 Hz
2022-02-09	Wednesday 15:00	184°	+65°	0 dB	0°	184°	+65°	305°	+21°	4.8dB	370°K	403552	-27 Hz
2022-02-09	Wednesday 15:30	199°	+64°	0 dB	0°	199°	+64°	312°	+21°	4.8dB	371°K	403590	-63 Hz
2022-02-09	Wednesday 16:00	213°	+61°	0 dB	0°	213°	+61°	319°	+21°	4.8dB	372°K	403628	-99 Hz
2022-02-09	Wednesday 16:30	225°	+58°	0 dB	0°	225°	+58°	326°	+21°	4.8dB	373°K	403665	-133 Hz
2022-02-09	Wednesday 17:00	236°	+54°	0 dB	0°	236°	+54°	334°	+21°	4.8dB	374°K	403701	-166 Hz
2022-02-09	Wednesday 17:30	244°	+50°	0 dB	0°	244°	+50°	341°	+21°	4.9dB	375°K	403737	-195 Hz
2022-02-09	Wednesday 18:00	252°	+45°	0 dB	0°	252°	+45°	348°	+21°	4.9dB	376°K	403773	-222 Hz
2022-02-09	Wednesday 18:30	258°	+40°	0 dB	0°	258°	+40°	355°	+21°	4.9dB	377°K	403808	-245 Hz
2022-02-09	Wednesday 19:00	264°	+35°	0 dB	0°	264°	+35°	3°	+22°	4.9dB	378°K	403842	-264 Hz
2022-02-09	Wednesday 19:30	270°	+30°	0 dB	0°	270°	+30°	10°	+22°	4.9dB	379°K	403876	-278 Hz
2022-02-09	Wednesday 20:00	275°	+25°	0 dB	0°	275°	+25°	17°	+22°	4.9dB	380°K	403909	-289 Hz
2022-02-09	Wednesday 20:30	280°	+20°	0 dB	0°	280°	+20°	25°	+22°	4.9dB	381°K	403941	-295 Hz
2022-02-09	Wednesday 21:00	285°	+15°	0 dB	0°	285°	+15°	32°	+22°	4.9dB	382°K	403974	-296 Hz
2022-02-09	Wednesday 21:30	290°	+11°	0 dB	0°	290°	+11°	39°	+22°	4.9dB	383°K	404005	-293 Hz
2022-02-09	Wednesday 22:00	295°	+6°	0 dB	0°	295°	+6°	46°	+22°	5.0dB	384°K	404036	-286 Hz
2022-02-09	Wednesday 22:30	300°	+2°	0 dB	0°	300°	+2°	54°	+22°	5.0dB	385°K	404067	-274 Hz
2022-02-10	Thursday 08:00	059°	+2°	0 dB	0°	059°	+2°	192°	+23°	5.2dB	406°K	404541	+249 Hz
2022-02-10	Thursday 08:30	064°	+6°	0 dB	0°	064°	+6°	199°	+23°	5.2dB	407°K	404560	+261 Hz
2022-02-10	Thursday 09:00	069°	+11°	0 dB	0°	069°	+11°	206°	+23°	5.2dB	408°K	404579	+268 Hz
2022-02-10	Thursday 09:30	074°	+16°	0 dB	0°	074°	+16°	213°	+23°	5.2dB	410°K	404598	+271 Hz
2022-02-10	Thursday 10:00	078°	+21°	0 dB	0°	078°	+21°	221°	+23°	5.2dB	411°K	404616	+270 Hz
2022-02-10	Thursday 10:30	083°	+26°	0 dB	0°	083°	+26°	228°	+23°	5.3dB	412°K	404633	+264 Hz
2022-02-10	Thursday 11:00	088°	+31°	0 dB	0°	088°	+31°	235°	+23°	5.3dB	413°K	404650	+254 Hz
2022-02-10	Thursday 11:30	093°	+36°	0 dB	0°	093°	+36°	242°	+24°	5.3dB	414°K	404666	+239 Hz
2022-02-10	Thursday 12:00	099°	+41°	0 dB	0°	099°	+41°	250°	+24°	5.3dB	416°K	404682	+221 Hz
2022-02-10	Thursday 12:30	105°	+46°	0 dB	0°	105°	+46°	257°	+24°	5.3dB	417°K	404697	+198 Hz
2022-02-10	Thursday 13:00	112°	+51°	0 dB	0°	112°	+51°	264°	+24°	5.3dB	418°K	404711	+172 Hz
2022-02-10	Thursday 13:30	120°	+56°	0 dB	0°	120°	+56°	271°	+24°	5.3dB	419°K	404726	+143 Hz
2022-02-10	Thursday 14:00	130°	+60°	0 dB	0°	130°	+60°	279°	+24°	5.3dB	420°K	404739	+112 Hz
2022-02-10	Thursday 14:30	142°	+64°	0 dB	0°	142°	+64°	286°	+24°	5.3dB	422°K	404752	+78 Hz
2022-02-10	Thursday 15:00	157°	+66°	0 dB	0°	157°	+66°	293°	+24°	5.4dB	423°K	404765	+43 Hz
2022-02-10	Thursday 15:30	174°	+67°	0 dB	0°	174°	+67°	300°	+24°	5.4dB	424°K	404777	+8 Hz
2022-02-10	Thursday 16:00	191°	+67°	0 dB	0°	191°	+67°	308°	+24°	5.4dB	425°K	404788	-28 Hz
2022-02-10	Thursday 16:30	208°	+66°	0 dB	0°	208°	+66°	315°	+24°	5.4dB	427°K	404799	-64 Hz
2022-02-10	Thursday 17:00	222°	+63°	0 dB	0°	222°	+63°	322°	+24°	5.4dB	428°K	404809	-98 Hz
2022-02-10	Thursday 17:30	233°	+59°	0 dB	0°	233°	+59°	329°	+24°	5.4dB	429°K	404819	-131 Hz
2022-02-10	Thursday 18:00	243°	+55°	0 dB	0°	243°	+55°	337°	+24°	5.4dB	430°K	404828	-161 Hz
2022-02-10	Thursday 18:30	251°	+50°	0 dB	0°	251°	+50°	344°	+24°	5.4dB	431°K	404837	-189 Hz
2022-02-10	Thursday 19:00	257°	+45°	0 dB	0°	257°	+45°	351°	+24°	5.4dB	433°K	404845	-213 Hz
2022-02-10	Thursday 19:30	264°	+40°	0 dB	0°	264°	+40°	358°	+24°	5.5dB	434°K	404853	-234 Hz
2022-02-10	Thursday 20:00	269°	+35°	0 dB	0°	269°	+35°	6°	+24°	5.5dB	436°K	404860	-251 Hz
2022-02-10	Thursday 20:30	274°	+30°	0 dB	0°	274°	+30°	13°	+24°	5.5dB	438°K	404867	-264 Hz
2022-02-10	Thursday 21:00	279°	+25°	0 dB	0°	279°	+25°	20°	+24°	5.5dB	440°K	404873	-273 Hz
2022-02-10	Thursday 21:30	284°	+20°	0 dB	0°	284°	+20°	27°	+24°	5.5dB	443°K	404879	-277 Hz
2022-02-10	Thursday 22:00	289°	+15°	0 dB	0°	289°	+15°	35°	+25°	5.6dB	445°K	404884	-277 Hz
2022-02-10	Thursday 22:30	294°	+11°	0 dB	0°	294°	+11°	42°	+25°	5.6dB	447°K	404888	-272 Hz
2022-02-10	Thursday 23:00	298°	+6°	0 dB	0°	298°	+6°	49°	+25°	5.6dB	450°K	404892	-263 Hz
2022-02-10	Thursday 23:30	303°	+2°	0 dB	0°	303°	+2°	57°	+25°	5.6dB	452°K	404896	-250 Hz
2022-02-11	Fri day 08:30	054°	+1°	0 dB	0°	054°	+1°	187°	+25°	6.0dB	494°K	404871	+248 Hz
2022-02-11	Fri day 09:00	059°	+5°	0 dB	0°	059°	+5°	194°	+25°	6.0dB	496°K	404865	+262 Hz
2022-02-11	Fri day 09:30	064°	+10°	0 dB	0°	064°	+10°	202°	+25°	6.0dB	499°K	404858	+272 Hz
2022-02-11	Fri day 10:00	069°	+14°	0 dB	0°	069°	+14°	209°	+25°	6.0dB	500°K	404851	+278 Hz
2022-02-11	Fri day 10:30	074°	+19°	0 dB	0°	074°	+19°	216°	+25°	6.0dB	500°K	404843	+280 Hz
2022-02-11	Fri day 11:00	078°	+24°	0 dB	0°	078°	+24°	223°	+26°	6.0dB	500°K	404835	+277 Hz
2022-02-11	Fri day 11:30	083°	+29°	0 dB	0°	083°	+29°	231°	+26°	6.0dB	500°K	404826	+269 Hz
2022-02-11	Fri day 12:00	088°	+34°	0 dB	0°	088°	+34°	238°	+26°	6.0dB	500°K	404817	+258 Hz
2022-02-11	Fri day 12:30	093°	+39°	0 dB	0°	093°	+39°	245°	+26°	6.0dB	500°K	404807	+242 Hz
2022-02-11	Fri day 13:00	099°	+44°	0 dB	0°	099°	+44°	252°	+26°	6.0dB	500°K	404797	+222 Hz
2022-02-11	Fri day 13:30	105°	+49°	0 dB	0°	105°	+49°	260°	+26°	6.0dB	500°K	404786	+199 Hz
2022-02-11	Fri day 14:00	113°	+54°	0 dB	0°	113°	+54°	267°	+26°	6.0dB	500°K	404775	+172 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-11	Fri day	14: 30	121°	+59°	0 dB	0°	121°	+59°	274°	+26°	6. 0dB	500°K	404764 +143 Hz
2022-02-11	Fri day	15: 00	132°	+63°	0 dB	0°	132°	+63°	281°	+26°	6. 0dB	500°K	404752 +111 Hz
2022-02-11	Fri day	15: 30	145°	+66°	0 dB	0°	145°	+66°	289°	+26°	6. 0dB	500°K	404739 +78 Hz
2022-02-11	Fri day	16: 00	162°	+69°	0 dB	0°	162°	+69°	296°	+26°	6. 0dB	500°K	404726 +43 Hz
2022-02-11	Fri day	16: 30	180°	+70°	0 dB	0°	180°	+70°	303°	+26°	6. 0dB	500°K	404712 +8 Hz
2022-02-11	Fri day	17: 00	199°	+69°	0 dB	0°	199°	+69°	310°	+26°	6. 0dB	500°K	404698 -27 Hz
2022-02-11	Fri day	17: 30	215°	+66°	0 dB	0°	215°	+66°	318°	+26°	6. 0dB	500°K	404684 -62 Hz
2022-02-11	Fri day	18: 00	228°	+63°	0 dB	0°	228°	+63°	325°	+26°	6. 0dB	500°K	404669 -95 Hz
2022-02-11	Fri day	18: 30	239°	+59°	0 dB	0°	239°	+59°	332°	+26°	6. 0dB	500°K	404653 -127 Hz
2022-02-11	Fri day	19: 00	248°	+54°	0 dB	0°	248°	+54°	339°	+26°	6. 0dB	500°K	404638 -156 Hz
2022-02-11	Fri day	19: 30	255°	+50°	0 dB	0°	255°	+50°	347°	+26°	6. 0dB	500°K	404621 -183 Hz
2022-02-11	Fri day	20: 00	261°	+45°	0 dB	0°	261°	+45°	354°	+26°	6. 0dB	500°K	404604 -206 Hz
2022-02-11	Fri day	20: 30	267°	+40°	0 dB	0°	267°	+40°	1°	+26°	6. 0dB	500°K	404587 -225 Hz
2022-02-11	Fri day	21: 00	272°	+35°	0 dB	0°	272°	+35°	8°	+26°	6. 0dB	500°K	404569 -240 Hz
2022-02-11	Fri day	21: 30	277°	+29°	0 dB	0°	277°	+29°	16°	+26°	6. 0dB	500°K	404551 -252 Hz
2022-02-11	Fri day	22: 00	282°	+24°	0 dB	0°	282°	+24°	23°	+26°	6. 0dB	500°K	404532 -259 Hz
2022-02-11	Fri day	22: 30	287°	+20°	0 dB	0°	287°	+20°	30°	+26°	6. 0dB	500°K	404513 -262 Hz
2022-02-11	Fri day	23: 00	292°	+15°	0 dB	0°	292°	+15°	37°	+26°	6. 0dB	500°K	404493 -260 Hz
2022-02-11	Fri day	23: 30	296°	+10°	0 dB	0°	296°	+10°	44°	+26°	6. 0dB	500°K	404473 -254 Hz
2022-02-12	Saturday	00: 00	301°	+6°	0 dB	0°	301°	+6°	52°	+26°	6. 0dB	496°K	404453 -244 Hz
2022-02-12	Saturday	00: 30	306°	+2°	0 dB	0°	306°	+2°	59°	+26°	5. 9dB	493°K	404432 -230 Hz
2022-02-12	Saturday	09: 30	055°	+3°	0 dB	0°	055°	+3°	189°	+26°	5. 4dB	436°K	403977 +262 Hz
2022-02-12	Saturday	10: 00	060°	+7°	0 dB	0°	060°	+7°	197°	+26°	5. 4dB	432°K	403948 +275 Hz
2022-02-12	Saturday	10: 30	065°	+12°	0 dB	0°	065°	+12°	204°	+26°	5. 4dB	429°K	403918 +283 Hz
2022-02-12	Saturday	11: 00	070°	+17°	0 dB	0°	070°	+17°	211°	+26°	5. 3dB	426°K	403888 +288 Hz
2022-02-12	Saturday	11: 30	074°	+21°	0 dB	0°	074°	+21°	218°	+26°	5. 3dB	423°K	403857 +288 Hz
2022-02-12	Saturday	12: 00	079°	+26°	0 dB	0°	079°	+26°	226°	+26°	5. 3dB	419°K	403826 +284 Hz
2022-02-12	Saturday	12: 30	084°	+31°	0 dB	0°	084°	+31°	233°	+26°	5. 3dB	416°K	403795 +275 Hz
2022-02-12	Saturday	13: 00	089°	+36°	0 dB	0°	089°	+36°	240°	+26°	5. 2dB	413°K	403763 +262 Hz
2022-02-12	Saturday	13: 30	094°	+41°	0 dB	0°	094°	+41°	247°	+26°	5. 2dB	411°K	403730 +246 Hz
2022-02-12	Saturday	14: 00	100°	+47°	0 dB	0°	100°	+47°	255°	+26°	5. 2dB	410°K	403698 +225 Hz
2022-02-12	Saturday	14: 30	107°	+51°	0 dB	0°	107°	+51°	262°	+26°	5. 2dB	408°K	403665 +201 Hz
2022-02-12	Saturday	15: 00	114°	+56°	0 dB	0°	114°	+56°	269°	+26°	5. 2dB	406°K	403631 +174 Hz
2022-02-12	Saturday	15: 30	123°	+61°	0 dB	0°	123°	+61°	276°	+26°	5. 1dB	405°K	403597 +144 Hz
2022-02-12	Saturday	16: 00	135°	+65°	0 dB	0°	135°	+65°	284°	+26°	5. 1dB	403°K	403563 +111 Hz
2022-02-12	Saturday	16: 30	149°	+68°	0 dB	0°	149°	+68°	291°	+26°	5. 1dB	402°K	403528 +78 Hz
2022-02-12	Saturday	17: 00	167°	+70°	0 dB	0°	167°	+70°	298°	+26°	5. 1dB	400°K	403493 +43 Hz
2022-02-12	Saturday	17: 30	186°	+70°	0 dB	0°	186°	+70°	305°	+26°	5. 1dB	398°K	403458 +8 Hz
2022-02-12	Saturday	18: 00	204°	+69°	0 dB	0°	204°	+69°	313°	+26°	5. 1dB	397°K	403422 -27 Hz
2022-02-12	Saturday	18: 30	220°	+66°	0 dB	0°	220°	+66°	320°	+26°	5. 0dB	395°K	403385 -61 Hz
2022-02-12	Saturday	19: 00	233°	+62°	0 dB	0°	233°	+62°	327°	+26°	5. 0dB	394°K	403349 -94 Hz
2022-02-12	Saturday	19: 30	243°	+58°	0 dB	0°	243°	+58°	334°	+26°	5. 0dB	392°K	403312 -125 Hz
2022-02-12	Saturday	20: 00	251°	+53°	0 dB	0°	251°	+53°	341°	+26°	5. 0dB	390°K	403274 -153 Hz
2022-02-12	Saturday	20: 30	258°	+48°	0 dB	0°	258°	+48°	349°	+26°	5. 0dB	389°K	403236 -178 Hz
2022-02-12	Saturday	21: 00	264°	+43°	0 dB	0°	264°	+43°	356°	+26°	5. 0dB	387°K	403198 -200 Hz
2022-02-12	Saturday	21: 30	269°	+38°	0 dB	0°	269°	+38°	3°	+26°	4. 9dB	385°K	403160 -219 Hz
2022-02-12	Saturday	22: 00	274°	+33°	0 dB	0°	274°	+33°	10°	+26°	4. 9dB	384°K	403121 -233 Hz
2022-02-12	Saturday	22: 30	279°	+28°	0 dB	0°	279°	+28°	18°	+26°	4. 9dB	382°K	403081 -243 Hz
2022-02-12	Saturday	23: 00	284°	+23°	0 dB	0°	284°	+23°	25°	+26°	4. 9dB	381°K	403042 -249 Hz
2022-02-12	Saturday	23: 30	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	4. 9dB	379°K	403002 -251 Hz
2022-02-13	Sunday	00: 00	293°	+14°	0 dB	0°	293°	+14°	39°	+26°	4. 8dB	377°K	402961 -248 Hz
2022-02-13	Sunday	00: 30	298°	+9°	0 dB	0°	298°	+9°	47°	+26°	4. 8dB	376°K	402920 -241 Hz
2022-02-13	Sunday	01: 00	303°	+5°	0 dB	0°	303°	+5°	54°	+26°	4. 8dB	374°K	402879 -230 Hz
2022-02-13	Sunday	01: 30	308°	+1°	0 dB	0°	308°	+1°	61°	+26°	4. 8dB	373°K	402837 -215 Hz
2022-02-13	Sunday	10: 00	052°	+0°	0 dB	0°	052°	+0°	184°	+26°	4. 3dB	333°K	402077 +260 Hz
2022-02-13	Sunday	10: 30	057°	+4°	0 dB	0°	057°	+4°	191°	+26°	4. 3dB	331°K	402029 +275 Hz
2022-02-13	Sunday	11: 00	062°	+8°	0 dB	0°	062°	+8°	199°	+26°	4. 3dB	328°K	401981 +287 Hz
2022-02-13	Sunday	11: 30	067°	+13°	0 dB	0°	067°	+13°	206°	+26°	4. 3dB	326°K	401933 +295 Hz
2022-02-13	Sunday	12: 00	071°	+18°	0 dB	0°	071°	+18°	213°	+26°	4. 2dB	323°K	401884 +298 Hz
2022-02-13	Sunday	12: 30	076°	+23°	0 dB	0°	076°	+23°	220°	+26°	4. 2dB	321°K	401835 +297 Hz
2022-02-13	Sunday	13: 00	081°	+27°	0 dB	0°	081°	+27°	228°	+26°	4. 2dB	318°K	401786 +291 Hz
2022-02-13	Sunday	13: 30	086°	+33°	0 dB	0°	086°	+33°	235°	+26°	4. 1dB	316°K	401736 +282 Hz
2022-02-13	Sunday	14: 00	091°	+38°	0 dB	0°	091°	+38°	242°	+26°	4. 1dB	314°K	401686 +268 Hz
2022-02-13	Sunday	14: 30	096°	+43°	0 dB	0°	096°	+43°	249°	+26°	4. 1dB	311°K	401636 +250 Hz
2022-02-13	Sunday	15: 00	102°	+48°	0 dB	0°	102°	+48°	257°	+26°	4. 1dB	309°K	401585 +228 Hz
2022-02-13	Sunday	15: 30	109°	+53°	0 dB	0°	109°	+53°	264°	+26°	4. 0dB	306°K	401534 +203 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-02-13	Sunday	16:00	117°	+57°	0 dB	0°	117°	+57°	271°	+26°	4.0dB	304°K	401483	+175 Hz
2022-02-13	Sunday	16:30	127°	+61°	0 dB	0°	127°	+61°	278°	+26°	3.9dB	301°K	401432	+144 Hz
2022-02-13	Sunday	17:00	140°	+65°	0 dB	0°	140°	+65°	286°	+26°	3.9dB	298°K	401380	+111 Hz
2022-02-13	Sunday	17:30	155°	+68°	0 dB	0°	155°	+68°	293°	+26°	3.9dB	295°K	401328	+77 Hz
2022-02-13	Sunday	18:00	173°	+69°	0 dB	0°	173°	+69°	300°	+26°	3.8dB	292°K	401275	+42 Hz
2022-02-13	Sunday	18:30	191°	+69°	0 dB	0°	191°	+69°	307°	+26°	3.8dB	289°K	401223	+6 Hz
2022-02-13	Sunday	19:00	209°	+67°	0 dB	0°	209°	+67°	315°	+26°	3.8dB	286°K	401170	-29 Hz
2022-02-13	Sunday	19:30	223°	+64°	0 dB	0°	223°	+64°	322°	+26°	3.7dB	284°K	401116	-63 Hz
2022-02-13	Sunday	20:00	235°	+60°	0 dB	0°	235°	+60°	329°	+26°	3.7dB	281°K	401063	-96 Hz
2022-02-13	Sunday	20:30	244°	+56°	0 dB	0°	244°	+56°	336°	+26°	3.6dB	278°K	401009	-126 Hz
2022-02-13	Sunday	21:00	252°	+51°	0 dB	0°	252°	+51°	344°	+26°	3.6dB	275°K	400955	-154 Hz
2022-02-13	Sunday	21:30	258°	+46°	0 dB	0°	258°	+46°	351°	+26°	3.6dB	272°K	400901	-179 Hz
2022-02-13	Sunday	22:00	264°	+41°	0 dB	0°	264°	+41°	358°	+26°	3.5dB	269°K	400846	-200 Hz
2022-02-13	Sunday	22:30	270°	+36°	0 dB	0°	270°	+36°	5°	+25°	3.5dB	266°K	400791	-217 Hz
2022-02-13	Sunday	23:00	275°	+31°	0 dB	0°	275°	+31°	13°	+25°	3.4dB	263°K	400736	-231 Hz
2022-02-13	Sunday	23:30	280°	+26°	0 dB	0°	280°	+26°	20°	+25°	3.4dB	260°K	400680	-240 Hz
2022-02-14	Monday	00:00	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	3.3dB	257°K	400624	-245 Hz
2022-02-14	Monday	00:30	289°	+16°	0 dB	0°	289°	+16°	34°	+25°	3.3dB	255°K	400568	-245 Hz
2022-02-14	Monday	01:00	294°	+12°	0 dB	0°	294°	+12°	42°	+25°	3.3dB	252°K	400512	-241 Hz
2022-02-14	Monday	01:30	299°	+7°	0 dB	0°	299°	+7°	49°	+25°	3.2dB	249°K	400455	-233 Hz
2022-02-14	Monday	02:00	303°	+3°	0 dB	0°	303°	+3°	56°	+25°	3.2dB	246°K	400399	-221 Hz
2022-02-14	Monday	11:00	054°	-0°	0 dB	0°	054°	-0°	186°	+25°	2.7dB	215°K	399334	+274 Hz
2022-02-14	Monday	11:30	060°	+4°	0 dB	0°	060°	+4°	194°	+24°	2.7dB	214°K	399273	+289 Hz
2022-02-14	Monday	12:00	064°	+9°	0 dB	0°	064°	+9°	201°	+24°	2.6dB	213°K	399211	+299 Hz
2022-02-14	Monday	12:30	069°	+13°	0 dB	0°	069°	+13°	208°	+24°	2.6dB	212°K	399149	+306 Hz
2022-02-14	Monday	13:00	074°	+18°	0 dB	0°	074°	+18°	215°	+24°	2.6dB	211°K	399087	+308 Hz
2022-02-14	Monday	13:30	079°	+23°	0 dB	0°	079°	+23°	223°	+24°	2.6dB	210°K	399025	+305 Hz
2022-02-14	Monday	14:00	084°	+28°	0 dB	0°	084°	+28°	230°	+24°	2.6dB	209°K	398963	+299 Hz
2022-02-14	Monday	14:30	089°	+33°	0 dB	0°	089°	+33°	237°	+24°	2.5dB	208°K	398900	+287 Hz
2022-02-14	Monday	15:00	094°	+38°	0 dB	0°	094°	+38°	244°	+24°	2.5dB	207°K	398837	+272 Hz
2022-02-14	Monday	15:30	100°	+43°	0 dB	0°	100°	+43°	252°	+24°	2.5dB	206°K	398774	+253 Hz
2022-02-14	Monday	16:00	107°	+48°	0 dB	0°	107°	+48°	259°	+24°	2.5dB	206°K	398711	+230 Hz
2022-02-14	Monday	16:30	114°	+53°	0 dB	0°	114°	+53°	266°	+24°	2.5dB	205°K	398648	+203 Hz
2022-02-14	Monday	17:00	123°	+57°	0 dB	0°	123°	+57°	273°	+24°	2.5dB	204°K	398584	+173 Hz
2022-02-14	Monday	17:30	133°	+61°	0 dB	0°	133°	+61°	281°	+24°	2.4dB	203°K	398520	+142 Hz
2022-02-14	Monday	18:00	146°	+64°	0 dB	0°	146°	+64°	288°	+24°	2.4dB	202°K	398456	+108 Hz
2022-02-14	Monday	18:30	161°	+67°	0 dB	0°	161°	+67°	295°	+24°	2.4dB	201°K	398392	+72 Hz
2022-02-14	Monday	19:00	178°	+67°	0 dB	0°	178°	+67°	302°	+24°	2.4dB	200°K	398328	+36 Hz
2022-02-14	Monday	19:30	196°	+67°	0 dB	0°	196°	+67°	310°	+24°	2.4dB	199°K	398263	0 Hz
2022-02-14	Monday	20:00	211°	+65°	0 dB	0°	211°	+65°	317°	+24°	2.4dB	198°K	398198	-35 Hz
2022-02-14	Monday	20:30	224°	+61°	0 dB	0°	224°	+61°	324°	+24°	2.3dB	197°K	398134	-70 Hz
2022-02-14	Monday	21:00	235°	+57°	0 dB	0°	235°	+57°	331°	+24°	2.3dB	196°K	398069	-102 Hz
2022-02-14	Monday	21:30	244°	+53°	0 dB	0°	244°	+53°	339°	+23°	2.3dB	195°K	398003	-133 Hz
2022-02-14	Monday	22:00	252°	+48°	0 dB	0°	252°	+48°	346°	+23°	2.3dB	194°K	397938	-160 Hz
2022-02-14	Monday	22:30	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	2.3dB	193°K	397872	-184 Hz
2022-02-14	Monday	23:00	264°	+38°	0 dB	0°	264°	+38°	0°	+23°	2.2dB	192°K	397806	-205 Hz
2022-02-14	Monday	23:30	269°	+33°	0 dB	0°	269°	+33°	8°	+23°	2.2dB	191°K	397740	-222 Hz
2022-02-15	Tuesday	00:00	274°	+28°	0 dB	0°	274°	+28°	15°	+23°	2.2dB	190°K	397674	-234 Hz
2022-02-15	Tuesday	00:30	279°	+23°	0 dB	0°	279°	+23°	22°	+23°	2.2dB	189°K	397608	-242 Hz
2022-02-15	Tuesday	01:00	284°	+18°	0 dB	0°	284°	+18°	29°	+23°	2.1dB	188°K	397542	-246 Hz
2022-02-15	Tuesday	01:30	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	2.1dB	187°K	397475	-245 Hz
2022-02-15	Tuesday	02:00	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	2.1dB	187°K	397408	-240 Hz
2022-02-15	Tuesday	02:30	298°	+4°	0 dB	0°	298°	+4°	51°	+23°	2.1dB	186°K	397341	-230 Hz
2022-02-15	Tuesday	12:30	063°	+3°	0 dB	0°	063°	+3°	196°	+22°	1.9dB	176°K	395974	+301 Hz
2022-02-15	Tuesday	13:00	068°	+8°	0 dB	0°	068°	+8°	203°	+21°	1.9dB	176°K	395905	+311 Hz
2022-02-15	Tuesday	13:30	073°	+13°	0 dB	0°	073°	+13°	211°	+21°	1.9dB	176°K	395835	+316 Hz
2022-02-15	Tuesday	14:00	078°	+18°	0 dB	0°	078°	+18°	218°	+21°	1.9dB	177°K	395765	+317 Hz
2022-02-15	Tuesday	14:30	083°	+22°	0 dB	0°	083°	+22°	225°	+21°	1.9dB	177°K	395695	+313 Hz
2022-02-15	Tuesday	15:00	088°	+28°	0 dB	0°	088°	+28°	232°	+21°	1.9dB	177°K	395625	+304 Hz
2022-02-15	Tuesday	15:30	093°	+33°	0 dB	0°	093°	+33°	240°	+21°	1.9dB	178°K	395555	+291 Hz
2022-02-15	Tuesday	16:00	099°	+38°	0 dB	0°	099°	+38°	247°	+21°	1.9dB	178°K	395484	+274 Hz
2022-02-15	Tuesday	16:30	105°	+42°	0 dB	0°	105°	+42°	254°	+21°	1.9dB	178°K	395414	+253 Hz
2022-02-15	Tuesday	17:00	112°	+47°	0 dB	0°	112°	+47°	261°	+21°	1.9dB	179°K	395343	+228 Hz
2022-02-15	Tuesday	17:30	120°	+52°	0 dB	0°	120°	+52°	269°	+21°	1.9dB	179°K	395273	+200 Hz
2022-02-15	Tuesday	18:00	130°	+56°	0 dB	0°	130°	+56°	276°	+21°	1.9dB	179°K	395202	+169 Hz
2022-02-15	Tuesday	18:30	141°	+59°	0 dB	0°	141°	+59°	283°	+21°	1.9dB	179°K	395131	+135 Hz

MoonSked by MoonBounce Software © GM4JJJ  
Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELD	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-15	Tuesday 19:00	154°	+62°	0 dB	0°	154°	+62°	290°	+21°	1.9dB	180°K	395061	+100 Hz
2022-02-15	Tuesday 19:30	168°	+64°	0 dB	0°	168°	+64°	298°	+21°	1.9dB	180°K	394990	+63 Hz
2022-02-15	Tuesday 20:00	184°	+64°	0 dB	0°	184°	+64°	305°	+20°	1.9dB	180°K	394919	+26 Hz
2022-02-15	Tuesday 20:30	199°	+63°	0 dB	0°	199°	+63°	312°	+20°	1.9dB	181°K	394848	-11 Hz
2022-02-15	Tuesday 21:00	213°	+61°	0 dB	0°	213°	+61°	319°	+20°	1.9dB	181°K	394776	-47 Hz
2022-02-15	Tuesday 21:30	225°	+57°	0 dB	0°	225°	+57°	327°	+20°	1.9dB	181°K	394705	-81 Hz
2022-02-15	Tuesday 22:00	235°	+53°	0 dB	0°	235°	+53°	334°	+20°	1.9dB	182°K	394634	-114 Hz
2022-02-15	Tuesday 22:30	243°	+49°	0 dB	0°	243°	+49°	341°	+20°	1.9dB	182°K	394562	-144 Hz
2022-02-15	Tuesday 23:00	250°	+44°	0 dB	0°	250°	+44°	348°	+20°	1.9dB	182°K	394491	-172 Hz
2022-02-15	Tuesday 23:30	257°	+39°	0 dB	0°	257°	+39°	356°	+20°	1.9dB	182°K	394419	-195 Hz
2022-02-16	Wednesday00:00	263°	+34°	0 dB	0°	263°	+34°	3°	+20°	1.9dB	183°K	394348	-215 Hz
2022-02-16	Wednesday00:30	268°	+29°	0 dB	0°	268°	+29°	10°	+20°	1.9dB	183°K	394276	-231 Hz
2022-02-16	Wednesday01:00	273°	+24°	0 dB	0°	273°	+24°	17°	+20°	1.9dB	183°K	394204	-242 Hz
2022-02-16	Wednesday01:30	278°	+19°	0 dB	0°	278°	+19°	25°	+20°	1.9dB	183°K	394132	-249 Hz
2022-02-16	Wednesday02:00	283°	+14°	0 dB	0°	283°	+14°	32°	+19°	1.9dB	183°K	394060	-251 Hz
2022-02-16	Wednesday02:30	288°	+9°	0 dB	0°	288°	+9°	39°	+19°	1.9dB	183°K	393988	-248 Hz
2022-02-16	Wednesday03:00	293°	+4°	0 dB	0°	293°	+4°	46°	+19°	1.9dB	183°K	393916	-241 Hz
2022-02-16	Wednesday13:30	068°	+2°	0 dB	0°	068°	+2°	199°	+17°	1.9dB	187°K	392393	+313 Hz
2022-02-16	Wednesday14:00	073°	+7°	0 dB	0°	073°	+7°	206°	+17°	1.9dB	187°K	392320	+321 Hz
2022-02-16	Wednesday14:30	078°	+12°	0 dB	0°	078°	+12°	213°	+17°	1.9dB	187°K	392247	+324 Hz
2022-02-16	Wednesday15:00	083°	+17°	0 dB	0°	083°	+17°	221°	+17°	1.9dB	188°K	392174	+323 Hz
2022-02-16	Wednesday15:30	088°	+22°	0 dB	0°	088°	+22°	228°	+17°	1.9dB	188°K	392101	+317 Hz
2022-02-16	Wednesday16:00	094°	+27°	0 dB	0°	094°	+27°	235°	+17°	1.9dB	188°K	392028	+307 Hz
2022-02-16	Wednesday16:30	099°	+32°	0 dB	0°	099°	+32°	242°	+17°	1.9dB	189°K	391955	+292 Hz
2022-02-16	Wednesday17:00	105°	+37°	0 dB	0°	105°	+37°	250°	+17°	1.9dB	189°K	391882	+273 Hz
2022-02-16	Wednesday17:30	112°	+41°	0 dB	0°	112°	+41°	257°	+17°	1.9dB	189°K	391809	+249 Hz
2022-02-16	Wednesday18:00	119°	+46°	0 dB	0°	119°	+46°	264°	+17°	1.9dB	189°K	391736	+222 Hz
2022-02-16	Wednesday18:30	128°	+50°	0 dB	0°	128°	+50°	271°	+17°	1.9dB	190°K	391663	+192 Hz
2022-02-16	Wednesday19:00	138°	+54°	0 dB	0°	138°	+54°	279°	+16°	1.9dB	190°K	391590	+159 Hz
2022-02-16	Wednesday19:30	149°	+57°	0 dB	0°	149°	+57°	286°	+16°	1.9dB	190°K	391517	+124 Hz
2022-02-16	Wednesday20:00	162°	+59°	0 dB	0°	162°	+59°	293°	+16°	1.9dB	191°K	391444	+87 Hz
2022-02-16	Wednesday20:30	175°	+60°	0 dB	0°	175°	+60°	301°	+16°	1.9dB	191°K	391371	+49 Hz
2022-02-16	Wednesday21:00	189°	+59°	0 dB	0°	189°	+59°	308°	+16°	1.9dB	191°K	391298	+11 Hz
2022-02-16	Wednesday21:30	202°	+58°	0 dB	0°	202°	+58°	315°	+16°	1.9dB	192°K	391225	-27 Hz
2022-02-16	Wednesday22:00	214°	+55°	0 dB	0°	214°	+55°	322°	+16°	1.9dB	192°K	391152	-63 Hz
2022-02-16	Wednesday22:30	225°	+52°	0 dB	0°	225°	+52°	330°	+16°	1.9dB	192°K	391079	-98 Hz
2022-02-16	Wednesday23:00	234°	+48°	0 dB	0°	234°	+48°	337°	+16°	1.9dB	192°K	391006	-131 Hz
2022-02-16	Wednesday23:30	242°	+44°	0 dB	0°	242°	+44°	344°	+16°	1.9dB	193°K	390933	-161 Hz
2022-02-17	Thursday 00:00	249°	+39°	0 dB	0°	249°	+39°	351°	+15°	1.9dB	193°K	390860	-187 Hz
2022-02-17	Thursday 00:30	255°	+34°	0 dB	0°	255°	+34°	359°	+15°	1.9dB	193°K	390787	-210 Hz
2022-02-17	Thursday 01:00	261°	+29°	0 dB	0°	261°	+29°	6°	+15°	2.0dB	194°K	390714	-228 Hz
2022-02-17	Thursday 01:30	267°	+24°	0 dB	0°	267°	+24°	13°	+15°	1.9dB	194°K	390641	-243 Hz
2022-02-17	Thursday 02:00	272°	+19°	0 dB	0°	272°	+19°	20°	+15°	1.9dB	194°K	390568	-252 Hz
2022-02-17	Thursday 02:30	277°	+13°	0 dB	0°	277°	+13°	28°	+15°	2.0dB	195°K	390495	-257 Hz
2022-02-17	Thursday 03:00	282°	+8°	0 dB	0°	282°	+8°	35°	+15°	2.0dB	195°K	390422	-257 Hz
2022-02-17	Thursday 03:30	287°	+3°	0 dB	0°	287°	+3°	42°	+15°	2.0dB	195°K	390349	-253 Hz
2022-02-17	Thursday 14:30	074°	+1°	0 dB	0°	074°	+1°	202°	+12°	2.0dB	202°K	388750	+322 Hz
2022-02-17	Thursday 15:00	079°	+5°	0 dB	0°	079°	+5°	209°	+12°	2.0dB	202°K	388678	+328 Hz
2022-02-17	Thursday 15:30	084°	+10°	0 dB	0°	084°	+10°	217°	+12°	2.0dB	202°K	388606	+329 Hz
2022-02-17	Thursday 16:00	089°	+15°	0 dB	0°	089°	+15°	224°	+12°	2.0dB	202°K	388534	+326 Hz
2022-02-17	Thursday 16:30	095°	+20°	0 dB	0°	095°	+20°	231°	+12°	2.0dB	203°K	388462	+318 Hz
2022-02-17	Thursday 17:00	100°	+25°	0 dB	0°	100°	+25°	238°	+12°	2.0dB	203°K	388390	+305 Hz
2022-02-17	Thursday 17:30	106°	+30°	0 dB	0°	106°	+30°	246°	+12°	2.0dB	203°K	388318	+288 Hz
2022-02-17	Thursday 18:00	112°	+35°	0 dB	0°	112°	+35°	253°	+12°	2.0dB	204°K	388246	+266 Hz
2022-02-17	Thursday 18:30	120°	+39°	0 dB	0°	120°	+39°	260°	+12°	2.0dB	204°K	388174	+240 Hz
2022-02-17	Thursday 19:00	127°	+44°	0 dB	0°	127°	+44°	267°	+12°	2.0dB	204°K	388102	+211 Hz
2022-02-17	Thursday 19:30	136°	+47°	0 dB	0°	136°	+47°	275°	+11°	2.0dB	205°K	388030	+179 Hz
2022-02-17	Thursday 20:00	146°	+50°	0 dB	0°	146°	+50°	282°	+11°	2.0dB	205°K	387958	+144 Hz
2022-02-17	Thursday 20:30	157°	+53°	0 dB	0°	157°	+53°	289°	+11°	2.0dB	205°K	387887	+107 Hz
2022-02-17	Thursday 21:00	169°	+54°	0 dB	0°	169°	+54°	297°	+11°	2.0dB	205°K	387815	+69 Hz
2022-02-17	Thursday 21:30	181°	+54°	0 dB	0°	181°	+54°	304°	+11°	2.0dB	206°K	387743	+30 Hz
2022-02-17	Thursday 22:00	194°	+54°	0 dB	0°	194°	+54°	311°	+11°	2.0dB	206°K	387672	-9 Hz
2022-02-17	Thursday 22:30	205°	+52°	0 dB	0°	205°	+52°	318°	+11°	2.0dB	206°K	387600	-47 Hz
2022-02-17	Thursday 23:00	216°	+49°	0 dB	0°	216°	+49°	326°	+11°	2.0dB	207°K	387529	-84 Hz
2022-02-17	Thursday 23:30	225°	+46°	0 dB	0°	225°	+46°	333°	+11°	2.0dB	207°K	387458	-118 Hz
2022-02-18	Fri day 00:00	234°	+42°	0 dB	0°	234°	+42°	340°	+10°	2.0dB	207°K	387386	-150 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDIX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-02-18	Fri day	00: 30	241°	+37°	0 dB	0°	241°	+37°	347°	+10°	2. 0dB	207°K	387315	-179 Hz
2022-02-18	Fri day	01: 00	248°	+33°	0 dB	0°	248°	+33°	355°	+10°	2. 0dB	208°K	387244	-205 Hz
2022-02-18	Fri day	01: 30	254°	+28°	0 dB	0°	254°	+28°	2°	+10°	2. 0dB	208°K	387173	-226 Hz
2022-02-18	Fri day	02: 00	260°	+23°	0 dB	0°	260°	+23°	9°	+10°	2. 0dB	208°K	387102	-242 Hz
2022-02-18	Fri day	02: 30	265°	+18°	0 dB	0°	265°	+18°	17°	+10°	2. 0dB	209°K	387031	-255 Hz
2022-02-18	Fri day	03: 00	270°	+12°	0 dB	0°	270°	+12°	24°	+10°	2. 0dB	209°K	386960	-262 Hz
2022-02-18	Fri day	03: 30	275°	+7°	0 dB	0°	275°	+7°	31°	+10°	2. 0dB	209°K	386889	-265 Hz
2022-02-18	Fri day	04: 00	280°	+2°	0 dB	0°	280°	+2°	38°	+9°	2. 0dB	209°K	386818	-263 Hz
2022-02-18	Fri day	16: 00	085°	+4°	0 dB	0°	085°	+4°	213°	+7°	2. 3dB	233°K	385142	+331 Hz
2022-02-18	Fri day	16: 30	091°	+9°	0 dB	0°	091°	+9°	220°	+7°	2. 3dB	235°K	385073	+330 Hz
2022-02-18	Fri day	17: 00	096°	+14°	0 dB	0°	096°	+14°	227°	+6°	2. 4dB	237°K	385004	+324 Hz
2022-02-18	Fri day	17: 30	101°	+19°	0 dB	0°	101°	+19°	235°	+6°	2. 4dB	238°K	384935	+314 Hz
2022-02-18	Fri day	18: 00	107°	+23°	0 dB	0°	107°	+23°	242°	+6°	2. 4dB	240°K	384867	+298 Hz
2022-02-18	Fri day	18: 30	113°	+28°	0 dB	0°	113°	+28°	249°	+6°	2. 4dB	241°K	384798	+278 Hz
2022-02-18	Fri day	19: 00	120°	+33°	0 dB	0°	120°	+33°	256°	+6°	2. 5dB	243°K	384730	+254 Hz
2022-02-18	Fri day	19: 30	127°	+37°	0 dB	0°	127°	+37°	264°	+6°	2. 5dB	245°K	384661	+226 Hz
2022-02-18	Fri day	20: 00	136°	+40°	0 dB	0°	136°	+40°	271°	+6°	2. 5dB	246°K	384593	+195 Hz
2022-02-18	Fri day	20: 30	144°	+44°	0 dB	0°	144°	+44°	278°	+6°	2. 5dB	248°K	384525	+161 Hz
2022-02-18	Fri day	21: 00	154°	+46°	0 dB	0°	154°	+46°	286°	+5°	2. 5dB	249°K	384457	+124 Hz
2022-02-18	Fri day	21: 30	165°	+48°	0 dB	0°	165°	+48°	293°	+5°	2. 5dB	251°K	384389	+86 Hz
2022-02-18	Fri day	22: 00	176°	+49°	0 dB	0°	176°	+49°	300°	+5°	2. 6dB	253°K	384321	+47 Hz
2022-02-18	Fri day	22: 30	187°	+48°	0 dB	0°	187°	+48°	307°	+5°	2. 6dB	254°K	384253	+8 Hz
2022-02-18	Fri day	23: 00	197°	+47°	0 dB	0°	197°	+47°	315°	+5°	2. 6dB	256°K	384185	-31 Hz
2022-02-18	Fri day	23: 30	208°	+45°	0 dB	0°	208°	+45°	322°	+5°	2. 6dB	257°K	384118	-69 Hz
2022-02-19	Saturday	00: 00	217°	+42°	0 dB	0°	217°	+42°	329°	+5°	2. 6dB	259°K	384050	-105 Hz
2022-02-19	Saturday	00: 30	225°	+39°	0 dB	0°	225°	+39°	336°	+5°	2. 7dB	260°K	383983	-139 Hz
2022-02-19	Saturday	01: 00	233°	+35°	0 dB	0°	233°	+35°	344°	+5°	2. 7dB	262°K	383915	-170 Hz
2022-02-19	Saturday	01: 30	240°	+30°	0 dB	0°	240°	+30°	351°	+4°	2. 7dB	264°K	383848	-197 Hz
2022-02-19	Saturday	02: 00	246°	+26°	0 dB	0°	246°	+26°	358°	+4°	2. 7dB	266°K	383781	-221 Hz
2022-02-19	Saturday	02: 30	252°	+21°	0 dB	0°	252°	+21°	6°	+4°	2. 7dB	267°K	383714	-240 Hz
2022-02-19	Saturday	03: 00	258°	+16°	0 dB	0°	258°	+16°	13°	+4°	2. 8dB	269°K	383647	-254 Hz
2022-02-19	Saturday	03: 30	263°	+11°	0 dB	0°	263°	+11°	20°	+4°	2. 8dB	271°K	383580	-264 Hz
2022-02-19	Saturday	04: 00	269°	+6°	0 dB	0°	269°	+6°	27°	+4°	2. 8dB	273°K	383513	-269 Hz
2022-02-19	Saturday	04: 30	274°	+1°	0 dB	0°	274°	+1°	35°	+4°	2. 8dB	274°K	383446	-269 Hz
2022-02-19	Saturday	17: 00	092°	+2°	0 dB	0°	092°	+2°	216°	+1°	3. 2dB	313°K	381810	+329 Hz
2022-02-19	Saturday	17: 30	097°	+7°	0 dB	0°	097°	+7°	224°	+0°	3. 2dB	313°K	381746	+326 Hz
2022-02-19	Saturday	18: 00	103°	+12°	0 dB	0°	103°	+12°	231°	+0°	3. 2dB	313°K	381682	+317 Hz
2022-02-19	Saturday	18: 30	109°	+16°	0 dB	0°	109°	+16°	238°	+0°	3. 2dB	313°K	381618	+304 Hz
2022-02-19	Saturday	19: 00	115°	+21°	0 dB	0°	115°	+21°	246°	+0°	3. 2dB	313°K	381555	+286 Hz
2022-02-19	Saturday	19: 30	121°	+26°	0 dB	0°	121°	+26°	253°	-0°	3. 2dB	313°K	381491	+264 Hz
2022-02-19	Saturday	20: 00	128°	+30°	0 dB	0°	128°	+30°	260°	-0°	3. 2dB	313°K	381427	+238 Hz
2022-02-19	Saturday	20: 30	135°	+33°	0 dB	0°	135°	+33°	267°	-0°	3. 2dB	313°K	381364	+208 Hz
2022-02-19	Saturday	21: 00	143°	+37°	0 dB	0°	143°	+37°	275°	-0°	3. 2dB	313°K	381300	+175 Hz
2022-02-19	Saturday	21: 30	152°	+39°	0 dB	0°	152°	+39°	282°	-1°	3. 2dB	313°K	381237	+140 Hz
2022-02-19	Saturday	22: 00	161°	+41°	0 dB	0°	161°	+41°	289°	-1°	3. 2dB	313°K	381174	+102 Hz
2022-02-19	Saturday	22: 30	171°	+42°	0 dB	0°	171°	+42°	296°	-1°	3. 2dB	313°K	381111	+64 Hz
2022-02-19	Saturday	23: 00	181°	+42°	0 dB	0°	181°	+42°	304°	-1°	3. 2dB	313°K	381048	+24 Hz
2022-02-19	Saturday	23: 30	191°	+42°	0 dB	0°	191°	+42°	311°	-1°	3. 2dB	313°K	380985	-15 Hz
2022-02-20	Sunday	00: 00	200°	+40°	0 dB	0°	200°	+40°	318°	-1°	3. 2dB	313°K	380922	-54 Hz
2022-02-20	Sunday	00: 30	209°	+38°	0 dB	0°	209°	+38°	325°	-1°	3. 2dB	313°K	380859	-91 Hz
2022-02-20	Sunday	01: 00	218°	+35°	0 dB	0°	218°	+35°	333°	-1°	3. 2dB	313°K	380797	-126 Hz
2022-02-20	Sunday	01: 30	225°	+32°	0 dB	0°	225°	+32°	340°	-2°	3. 2dB	313°K	380734	-158 Hz
2022-02-20	Sunday	02: 00	233°	+28°	0 dB	0°	233°	+28°	347°	-2°	3. 2dB	313°K	380672	-187 Hz
2022-02-20	Sunday	02: 30	239°	+23°	0 dB	0°	239°	+23°	355°	-2°	3. 2dB	313°K	380609	-212 Hz
2022-02-20	Sunday	03: 00	245°	+19°	0 dB	0°	245°	+19°	2°	-2°	3. 2dB	313°K	380547	-233 Hz
2022-02-20	Sunday	03: 30	251°	+14°	0 dB	0°	251°	+14°	9°	-2°	3. 2dB	313°K	380485	-250 Hz
2022-02-20	Sunday	04: 00	256°	+9°	0 dB	0°	256°	+9°	16°	-2°	3. 2dB	313°K	380423	-262 Hz
2022-02-20	Sunday	04: 30	262°	+4°	0 dB	0°	262°	+4°	24°	-2°	3. 2dB	313°K	380361	-269 Hz
2022-02-20	Sunday	18: 00	099°	-0°	0 dB	0°	099°	-0°	220°	-6°	3. 0dB	306°K	378731	+322 Hz
2022-02-20	Sunday	18: 30	104°	+5°	0 dB	0°	104°	+5°	227°	-6°	3. 0dB	306°K	378672	+317 Hz
2022-02-20	Sunday	19: 00	110°	+9°	0 dB	0°	110°	+9°	234°	-6°	3. 0dB	305°K	378613	+306 Hz
2022-02-20	Sunday	19: 30	115°	+14°	0 dB	0°	115°	+14°	242°	-6°	3. 0dB	305°K	378554	+291 Hz
2022-02-20	Sunday	20: 00	122°	+18°	0 dB	0°	122°	+18°	249°	-6°	3. 0dB	305°K	378496	+271 Hz
2022-02-20	Sunday	20: 30	128°	+22°	0 dB	0°	128°	+22°	256°	-6°	3. 0dB	305°K	378437	+247 Hz
2022-02-20	Sunday	21: 00	135°	+26°	0 dB	0°	135°	+26°	263°	-6°	3. 0dB	304°K	378379	+219 Hz
2022-02-20	Sunday	21: 30	142°	+29°	0 dB	0°	142°	+29°	271°	-7°	3. 0dB	304°K	378321	+188 Hz

MoonSked by MoonBounce Software © GM4JJJ  
Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDx	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-02-20	Sunday	22:00	150°	+32°	0 dB	0°	150°	+32°	278°	-7°	3.0dB	305°K	378262	+154 Hz
2022-02-20	Sunday	22:30	158°	+34°	0 dB	0°	158°	+34°	285°	-7°	3.0dB	306°K	378204	+118 Hz
2022-02-20	Sunday	23:00	167°	+36°	0 dB	0°	167°	+36°	293°	-7°	3.0dB	306°K	378146	+81 Hz
2022-02-20	Sunday	23:30	176°	+36°	0 dB	0°	176°	+36°	300°	-7°	3.0dB	307°K	378088	+42 Hz
2022-02-21	Monday	00:00	185°	+36°	0 dB	0°	185°	+36°	307°	-7°	3.0dB	308°K	378031	+3 Hz
2022-02-21	Monday	00:30	194°	+35°	0 dB	0°	194°	+35°	314°	-7°	3.0dB	309°K	377973	-35 Hz
2022-02-21	Monday	01:00	202°	+33°	0 dB	0°	202°	+33°	322°	-7°	3.0dB	309°K	377916	-73 Hz
2022-02-21	Monday	01:30	211°	+31°	0 dB	0°	211°	+31°	329°	-7°	3.0dB	310°K	377858	-108 Hz
2022-02-21	Monday	02:00	218°	+28°	0 dB	0°	218°	+28°	336°	-8°	3.0dB	311°K	377801	-141 Hz
2022-02-21	Monday	02:30	225°	+24°	0 dB	0°	225°	+24°	343°	-8°	3.0dB	312°K	377744	-172 Hz
2022-02-21	Monday	03:00	232°	+21°	0 dB	0°	232°	+21°	351°	-8°	3.0dB	312°K	377686	-199 Hz
2022-02-21	Monday	03:30	238°	+16°	0 dB	0°	238°	+16°	358°	-8°	3.0dB	313°K	377630	-222 Hz
2022-02-21	Monday	04:00	244°	+12°	0 dB	0°	244°	+12°	5°	-8°	3.0dB	314°K	377573	-240 Hz
2022-02-21	Monday	04:30	249°	+7°	0 dB	0°	249°	+7°	12°	-8°	3.0dB	315°K	377516	-255 Hz
2022-02-21	Monday	05:00	255°	+2°	0 dB	0°	255°	+2°	20°	-8°	3.0dB	315°K	377459	-264 Hz
2022-02-21	Monday	19:30	110°	+2°	0 dB	0°	110°	+2°	230°	-12°	3.3dB	345°K	375863	+304 Hz
2022-02-21	Monday	20:00	116°	+7°	0 dB	0°	116°	+7°	237°	-12°	3.3dB	346°K	375809	+292 Hz
2022-02-21	Monday	20:30	122°	+11°	0 dB	0°	122°	+11°	245°	-12°	3.3dB	347°K	375756	+275 Hz
2022-02-21	Monday	21:00	128°	+15°	0 dB	0°	128°	+15°	252°	-12°	3.3dB	348°K	375703	+254 Hz
2022-02-21	Monday	21:30	134°	+19°	0 dB	0°	134°	+19°	259°	-12°	3.3dB	350°K	375650	+229 Hz
2022-02-21	Monday	22:00	141°	+22°	0 dB	0°	141°	+22°	266°	-12°	3.4dB	351°K	375597	+200 Hz
2022-02-21	Monday	22:30	148°	+25°	0 dB	0°	148°	+25°	274°	-12°	3.4dB	352°K	375544	+169 Hz
2022-02-21	Monday	23:00	155°	+27°	0 dB	0°	155°	+27°	281°	-13°	3.4dB	353°K	375491	+135 Hz
2022-02-21	Monday	23:30	163°	+29°	0 dB	0°	163°	+29°	288°	-13°	3.4dB	355°K	375438	+99 Hz
2022-02-22	Tuesday	00:00	171°	+30°	0 dB	0°	171°	+30°	295°	-13°	3.4dB	356°K	375386	+62 Hz
2022-02-22	Tuesday	00:30	180°	+30°	0 dB	0°	180°	+30°	303°	-13°	3.4dB	357°K	375334	+24 Hz
2022-02-22	Tuesday	01:00	188°	+30°	0 dB	0°	188°	+30°	310°	-13°	3.4dB	358°K	375281	-14 Hz
2022-02-22	Tuesday	01:30	196°	+29°	0 dB	0°	196°	+29°	317°	-13°	3.4dB	360°K	375229	-51 Hz
2022-02-22	Tuesday	02:00	204°	+27°	0 dB	0°	204°	+27°	324°	-13°	3.4dB	361°K	375177	-87 Hz
2022-02-22	Tuesday	02:30	211°	+24°	0 dB	0°	211°	+24°	332°	-13°	3.5dB	362°K	375125	-121 Hz
2022-02-22	Tuesday	03:00	218°	+21°	0 dB	0°	218°	+21°	339°	-14°	3.5dB	363°K	375073	-152 Hz
2022-02-22	Tuesday	03:30	225°	+18°	0 dB	0°	225°	+18°	346°	-14°	3.5dB	364°K	375021	-180 Hz
2022-02-22	Tuesday	04:00	231°	+14°	0 dB	0°	231°	+14°	353°	-14°	3.5dB	365°K	374970	-205 Hz
2022-02-22	Tuesday	04:30	237°	+10°	0 dB	0°	237°	+10°	1°	-14°	3.5dB	366°K	374918	-225 Hz
2022-02-22	Tuesday	05:00	242°	+6°	0 dB	0°	242°	+6°	8°	-14°	3.5dB	367°K	374867	-242 Hz
2022-02-22	Tuesday	05:30	247°	+1°	0 dB	0°	247°	+1°	15°	-14°	3.5dB	369°K	374816	-254 Hz
2022-02-22	Tuesday	21:00	121°	+4°	0 dB	0°	121°	+4°	240°	-17°	3.8dB	402°K	373286	+276 Hz
2022-02-22	Tuesday	21:30	127°	+8°	0 dB	0°	127°	+8°	247°	-17°	3.8dB	403°K	373238	+259 Hz
2022-02-22	Tuesday	22:00	133°	+12°	0 dB	0°	133°	+12°	254°	-18°	3.8dB	404°K	373191	+237 Hz
2022-02-22	Tuesday	22:30	139°	+15°	0 dB	0°	139°	+15°	261°	-18°	3.8dB	405°K	373144	+212 Hz
2022-02-22	Tuesday	23:00	145°	+18°	0 dB	0°	145°	+18°	269°	-18°	3.8dB	406°K	373097	+183 Hz
2022-02-22	Tuesday	23:30	152°	+21°	0 dB	0°	152°	+21°	276°	-18°	3.8dB	407°K	373050	+152 Hz
2022-02-23	Wednesday	00:00	159°	+23°	0 dB	0°	159°	+23°	283°	-18°	3.8dB	408°K	373004	+119 Hz
2022-02-23	Wednesday	00:30	167°	+24°	0 dB	0°	167°	+24°	290°	-18°	3.8dB	409°K	372957	+83 Hz
2022-02-23	Wednesday	01:00	174°	+25°	0 dB	0°	174°	+25°	297°	-18°	3.8dB	410°K	372911	+47 Hz
2022-02-23	Wednesday	01:30	182°	+25°	0 dB	0°	182°	+25°	305°	-18°	3.8dB	411°K	372864	+11 Hz
2022-02-23	Wednesday	02:00	189°	+24°	0 dB	0°	189°	+24°	312°	-18°	3.8dB	412°K	372818	-26 Hz
2022-02-23	Wednesday	02:30	197°	+23°	0 dB	0°	197°	+23°	319°	-18°	3.8dB	413°K	372772	-61 Hz
2022-02-23	Wednesday	03:00	204°	+21°	0 dB	0°	204°	+21°	326°	-19°	3.8dB	414°K	372726	-95 Hz
2022-02-23	Wednesday	03:30	211°	+19°	0 dB	0°	211°	+19°	334°	-19°	3.9dB	415°K	372680	-127 Hz
2022-02-23	Wednesday	04:00	217°	+16°	0 dB	0°	217°	+16°	341°	-19°	3.9dB	416°K	372635	-157 Hz
2022-02-23	Wednesday	04:30	224°	+12°	0 dB	0°	224°	+12°	348°	-19°	3.9dB	417°K	372589	-183 Hz
2022-02-23	Wednesday	05:00	229°	+9°	0 dB	0°	229°	+9°	355°	-19°	3.9dB	419°K	372544	-206 Hz
2022-02-23	Wednesday	05:30	235°	+5°	0 dB	0°	235°	+5°	3°	-19°	3.9dB	421°K	372499	-225 Hz
2022-02-23	Wednesday	06:00	240°	+0°	0 dB	0°	240°	+0°	10°	-19°	3.9dB	424°K	372454	-240 Hz
2022-02-23	Wednesday	22:00	125°	+1°	0 dB	0°	125°	+1°	241°	-22°	4.7dB	528°K	371091	+262 Hz
2022-02-23	Wednesday	22:30	130°	+5°	0 dB	0°	130°	+5°	248°	-22°	4.7dB	533°K	371051	+244 Hz
2022-02-23	Wednesday	23:00	136°	+8°	0 dB	0°	136°	+8°	255°	-22°	4.8dB	538°K	371012	+223 Hz
2022-02-23	Wednesday	23:30	142°	+12°	0 dB	0°	142°	+12°	263°	-22°	4.8dB	544°K	370972	+198 Hz
2022-02-24	Thursday	00:00	148°	+15°	0 dB	0°	148°	+15°	270°	-22°	4.8dB	549°K	370933	+170 Hz
2022-02-24	Thursday	00:30	155°	+17°	0 dB	0°	155°	+17°	277°	-22°	4.9dB	554°K	370893	+139 Hz
2022-02-24	Thursday	01:00	162°	+19°	0 dB	0°	162°	+19°	284°	-22°	4.9dB	560°K	370854	+107 Hz
2022-02-24	Thursday	01:30	169°	+20°	0 dB	0°	169°	+20°	291°	-22°	5.0dB	565°K	370815	+73 Hz
2022-02-24	Thursday	02:00	176°	+20°	0 dB	0°	176°	+20°	299°	-22°	5.0dB	570°K	370777	+38 Hz
2022-02-24	Thursday	02:30	183°	+20°	0 dB	0°	183°	+20°	306°	-23°	5.0dB	576°K	370738	+3 Hz
2022-02-24	Thursday	03:00	190°	+20°	0 dB	0°	190°	+20°	313°	-23°	5.1dB	581°K	370700	-32 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELD	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-02-24	Thursday	03: 30	197°	+19°	0 dB	0°	197°	+19°	320°	-23°	5. 1dB	586°K	370662 -67 Hz
2022-02-24	Thursday	04: 00	204°	+17°	0 dB	0°	204°	+17°	327°	-23°	5. 1dB	592°K	370624 -99 Hz
2022-02-24	Thursday	04: 30	210°	+14°	0 dB	0°	210°	+14°	335°	-23°	5. 2dB	597°K	370586 -130 Hz
2022-02-24	Thursday	05: 00	216°	+12°	0 dB	0°	216°	+12°	342°	-23°	5. 2dB	603°K	370548 -158 Hz
2022-02-24	Thursday	05: 30	222°	+8°	0 dB	0°	222°	+8°	349°	-23°	5. 2dB	608°K	370511 -183 Hz
2022-02-24	Thursday	06: 00	228°	+5°	0 dB	0°	228°	+5°	356°	-23°	5. 3dB	618°K	370474 -204 Hz
2022-02-24	Thursday	06: 30	233°	+1°	0 dB	0°	233°	+1°	4°	-23°	5. 4dB	629°K	370437 -222 Hz
2022-02-24	Thursday	23: 30	132°	+2°	0 dB	0°	132°	+2°	248°	-25°	8. 1dB	1252°K	369300 +233 Hz
2022-02-25	Fri day	00: 00	138°	+6°	0 dB	0°	138°	+6°	256°	-25°	8. 2dB	1284°K	369271 +212 Hz
2022-02-25	Fri day	00: 30	144°	+9°	0 dB	0°	144°	+9°	263°	-25°	8. 3dB	1316°K	369242 +188 Hz
2022-02-25	Fri day	01: 00	150°	+12°	0 dB	0°	150°	+12°	270°	-25°	8. 4dB	1348°K	369213 +161 Hz
2022-02-25	Fri day	01: 30	156°	+14°	0 dB	0°	156°	+14°	277°	-25°	8. 5dB	1380°K	369184 +131 Hz
2022-02-25	Fri day	02: 00	162°	+16°	0 dB	0°	162°	+16°	284°	-25°	8. 6dB	1412°K	369155 +100 Hz
2022-02-25	Fri day	02: 30	169°	+17°	0 dB	0°	169°	+17°	292°	-25°	8. 7dB	1444°K	369127 +66 Hz
2022-02-25	Fri day	03: 00	176°	+18°	0 dB	0°	176°	+18°	299°	-25°	8. 8dB	1476°K	369099 +32 Hz
2022-02-25	Fri day	03: 30	183°	+18°	0 dB	0°	183°	+18°	306°	-25°	8. 9dB	1508°K	369071 -2 Hz
2022-02-25	Fri day	04: 00	190°	+17°	0 dB	0°	190°	+17°	313°	-25°	9. 0dB	1540°K	369043 -36 Hz
2022-02-25	Fri day	04: 30	196°	+16°	0 dB	0°	196°	+16°	320°	-26°	9. 0dB	1572°K	369016 -69 Hz
2022-02-25	Fri day	05: 00	203°	+14°	0 dB	0°	203°	+14°	328°	-26°	9. 1dB	1604°K	368989 -101 Hz
2022-02-25	Fri day	05: 30	209°	+12°	0 dB	0°	209°	+12°	335°	-26°	9. 3dB	1672°K	368962 -130 Hz
2022-02-25	Fri day	06: 00	215°	+9°	0 dB	0°	215°	+9°	342°	-26°	9. 5dB	1746°K	368936 -158 Hz
2022-02-25	Fri day	06: 30	221°	+6°	0 dB	0°	221°	+6°	349°	-26°	9. 6dB	1820°K	368909 -182 Hz
2022-02-25	Fri day	07: 00	226°	+3°	0 dB	0°	226°	+3°	356°	-26°	9. 8dB	1894°K	368883 -203 Hz
2022-02-26	Saturday	00: 30	133°	+1°	0 dB	0°	133°	+1°	248°	-27°	10. 9dB	2440°K	368150 +226 Hz
2022-02-26	Saturday	01: 00	138°	+5°	0 dB	0°	138°	+5°	255°	-27°	10. 8dB	2385°K	368134 +205 Hz
2022-02-26	Saturday	01: 30	144°	+8°	0 dB	0°	144°	+8°	262°	-27°	10. 7dB	2331°K	368119 +182 Hz
2022-02-26	Saturday	02: 00	150°	+10°	0 dB	0°	150°	+10°	270°	-27°	10. 6dB	2277°K	368104 +155 Hz
2022-02-26	Saturday	02: 30	156°	+13°	0 dB	0°	156°	+13°	277°	-27°	10. 5dB	2223°K	368090 +126 Hz
2022-02-26	Saturday	03: 00	162°	+14°	0 dB	0°	162°	+14°	284°	-27°	10. 3dB	2169°K	368075 +95 Hz
2022-02-26	Saturday	03: 30	169°	+16°	0 dB	0°	169°	+16°	291°	-27°	10. 2dB	2115°K	368061 +62 Hz
2022-02-26	Saturday	04: 00	176°	+16°	0 dB	0°	176°	+16°	298°	-27°	10. 1dB	2060°K	368048 +29 Hz
2022-02-26	Saturday	04: 30	182°	+16°	0 dB	0°	182°	+16°	306°	-27°	10. 0dB	2006°K	368035 -5 Hz
2022-02-26	Saturday	05: 00	189°	+16°	0 dB	0°	189°	+16°	313°	-27°	9. 9dB	1952°K	368022 -39 Hz
2022-02-26	Saturday	05: 30	196°	+15°	0 dB	0°	196°	+15°	320°	-27°	9. 8dB	1898°K	368009 -72 Hz
2022-02-26	Saturday	06: 00	202°	+13°	0 dB	0°	202°	+13°	327°	-27°	9. 7dB	1844°K	367997 -103 Hz
2022-02-26	Saturday	06: 30	208°	+11°	0 dB	0°	208°	+11°	334°	-27°	9. 5dB	1789°K	367985 -133 Hz
2022-02-26	Saturday	07: 00	214°	+9°	0 dB	0°	214°	+9°	341°	-27°	9. 4dB	1735°K	367973 -160 Hz
2022-02-26	Saturday	07: 30	220°	+5°	0 dB	0°	220°	+5°	349°	-27°	9. 3dB	1681°K	367962 -185 Hz
2022-02-26	Saturday	08: 00	226°	+2°	0 dB	0°	226°	+2°	356°	-27°	9. 1dB	1627°K	367951 -206 Hz
2022-02-27	Sunday	01: 30	132°	+1°	0 dB	0°	132°	+1°	247°	-26°	4. 7dB	544°K	367799 +221 Hz
2022-02-27	Sunday	02: 00	137°	+5°	0 dB	0°	137°	+5°	255°	-26°	4. 6dB	529°K	367802 +201 Hz
2022-02-27	Sunday	02: 30	143°	+8°	0 dB	0°	143°	+8°	262°	-26°	4. 5dB	518°K	367804 +177 Hz
2022-02-27	Sunday	03: 00	149°	+11°	0 dB	0°	149°	+11°	269°	-26°	4. 4dB	511°K	367808 +151 Hz
2022-02-27	Sunday	03: 30	155°	+13°	0 dB	0°	155°	+13°	276°	-26°	4. 4dB	505°K	367811 +122 Hz
2022-02-27	Sunday	04: 00	162°	+15°	0 dB	0°	162°	+15°	283°	-26°	4. 3dB	498°K	367816 +91 Hz
2022-02-27	Sunday	04: 30	168°	+16°	0 dB	0°	168°	+16°	291°	-26°	4. 3dB	491°K	367820 +58 Hz
2022-02-27	Sunday	05: 00	175°	+17°	0 dB	0°	175°	+17°	298°	-26°	4. 2dB	485°K	367825 +24 Hz
2022-02-27	Sunday	05: 30	182°	+17°	0 dB	0°	182°	+17°	305°	-26°	4. 2dB	478°K	367830 -10 Hz
2022-02-27	Sunday	06: 00	189°	+17°	0 dB	0°	189°	+17°	312°	-26°	4. 1dB	471°K	367836 -44 Hz
2022-02-27	Sunday	06: 30	195°	+16°	0 dB	0°	195°	+16°	319°	-26°	4. 0dB	464°K	367842 -77 Hz
2022-02-27	Sunday	07: 00	202°	+14°	0 dB	0°	202°	+14°	326°	-26°	4. 0dB	458°K	367849 -109 Hz
2022-02-27	Sunday	07: 30	208°	+12°	0 dB	0°	208°	+12°	334°	-26°	3. 9dB	451°K	367856 -140 Hz
2022-02-27	Sunday	08: 00	214°	+10°	0 dB	0°	214°	+10°	341°	-26°	3. 9dB	444°K	367863 -168 Hz
2022-02-27	Sunday	08: 30	220°	+7°	0 dB	0°	220°	+7°	348°	-26°	3. 8dB	438°K	367871 -193 Hz
2022-02-27	Sunday	09: 00	226°	+3°	0 dB	0°	226°	+3°	355°	-25°	3. 8dB	431°K	367879 -215 Hz
2022-02-27	Sunday	09: 30	231°	-0°	0 dB	0°	231°	-0°	2°	-25°	3. 7dB	424°K	367888 -234 Hz
2022-02-28	Monday	02: 30	130°	+3°	0 dB	0°	130°	+3°	247°	-24°	2. 8dB	326°K	368439 +217 Hz
2022-02-28	Monday	03: 00	136°	+7°	0 dB	0°	136°	+7°	254°	-24°	2. 8dB	326°K	368463 +196 Hz
2022-02-28	Monday	03: 30	142°	+10°	0 dB	0°	142°	+10°	262°	-23°	2. 8dB	326°K	368487 +173 Hz
2022-02-28	Monday	04: 00	148°	+13°	0 dB	0°	148°	+13°	269°	-23°	2. 8dB	326°K	368512 +146 Hz
2022-02-28	Monday	04: 30	154°	+15°	0 dB	0°	154°	+15°	276°	-23°	2. 8dB	326°K	368537 +116 Hz
2022-02-28	Monday	05: 00	161°	+17°	0 dB	0°	161°	+17°	283°	-23°	2. 8dB	326°K	368563 +84 Hz
2022-02-28	Monday	05: 30	168°	+19°	0 dB	0°	168°	+19°	290°	-23°	2. 8dB	326°K	368589 +51 Hz
2022-02-28	Monday	06: 00	175°	+20°	0 dB	0°	175°	+20°	298°	-23°	2. 8dB	326°K	368616 +16 Hz
2022-02-28	Monday	06: 30	182°	+20°	0 dB	0°	182°	+20°	305°	-23°	2. 8dB	326°K	368643 -19 Hz
2022-02-28	Monday	07: 00	189°	+20°	0 dB	0°	189°	+20°	312°	-23°	2. 8dB	326°K	368671 -54 Hz

Moon Data for TODD GRIGSBY in Locator : N85L x on 144 MHz with TODD GRIGSBY in Locator : N85L x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-02-28	Monday	07:30	196°	+19°	0 dB	0°	196°	+19°	319°	-23°	2.8dB	326°K	368699	-89 Hz
2022-02-28	Monday	08:00	203°	+17°	0 dB	0°	203°	+17°	326°	-23°	2.8dB	326°K	368727	-122 Hz
2022-02-28	Monday	08:30	209°	+15°	0 dB	0°	209°	+15°	334°	-23°	2.8dB	326°K	368756	-153 Hz
2022-02-28	Monday	09:00	215°	+12°	0 dB	0°	215°	+12°	341°	-23°	2.8dB	326°K	368785	-182 Hz
2022-02-28	Monday	09:30	221°	+9°	0 dB	0°	221°	+9°	348°	-23°	2.8dB	326°K	368815	-208 Hz
2022-02-28	Monday	10:00	227°	+6°	0 dB	0°	227°	+6°	355°	-23°	2.8dB	326°K	368846	-231 Hz
2022-02-28	Monday	10:30	233°	+2°	0 dB	0°	233°	+2°	2°	-23°	2.8dB	326°K	368876	-250 Hz
2022-03-01	Tuesday	03:00	123°	+2°	0 dB	0°	123°	+2°	240°	-20°	2.8dB	322°K	370151	+229 Hz
2022-03-01	Tuesday	03:30	129°	+7°	0 dB	0°	129°	+7°	248°	-20°	2.8dB	321°K	370197	+212 Hz
2022-03-01	Tuesday	04:00	134°	+10°	0 dB	0°	134°	+10°	255°	-20°	2.8dB	319°K	370244	+191 Hz
2022-03-01	Tuesday	04:30	140°	+14°	0 dB	0°	140°	+14°	262°	-19°	2.7dB	318°K	370292	+166 Hz
2022-03-01	Tuesday	05:00	147°	+17°	0 dB	0°	147°	+17°	269°	-19°	2.7dB	317°K	370339	+138 Hz
2022-03-01	Tuesday	05:30	153°	+20°	0 dB	0°	153°	+20°	277°	-19°	2.7dB	316°K	370388	+107 Hz
2022-03-01	Tuesday	06:00	160°	+22°	0 dB	0°	160°	+22°	284°	-19°	2.7dB	315°K	370436	+74 Hz
2022-03-01	Tuesday	06:30	168°	+23°	0 dB	0°	168°	+23°	291°	-19°	2.7dB	313°K	370486	+39 Hz
2022-03-01	Tuesday	07:00	175°	+24°	0 dB	0°	175°	+24°	298°	-19°	2.7dB	312°K	370535	+3 Hz
2022-03-01	Tuesday	07:30	183°	+24°	0 dB	0°	183°	+24°	305°	-19°	2.7dB	311°K	370585	-34 Hz
2022-03-01	Tuesday	08:00	190°	+24°	0 dB	0°	190°	+24°	313°	-19°	2.7dB	310°K	370636	-70 Hz
2022-03-01	Tuesday	08:30	197°	+23°	0 dB	0°	197°	+23°	320°	-19°	2.7dB	309°K	370687	-106 Hz
2022-03-01	Tuesday	09:00	205°	+21°	0 dB	0°	205°	+21°	327°	-19°	2.6dB	307°K	370739	-140 Hz
2022-03-01	Tuesday	09:30	212°	+19°	0 dB	0°	212°	+19°	334°	-19°	2.6dB	306°K	370791	-172 Hz
2022-03-01	Tuesday	10:00	218°	+16°	0 dB	0°	218°	+16°	342°	-18°	2.6dB	305°K	370843	-202 Hz
2022-03-01	Tuesday	10:30	224°	+13°	0 dB	0°	224°	+13°	349°	-18°	2.6dB	304°K	370896	-229 Hz
2022-03-01	Tuesday	11:00	230°	+9°	0 dB	0°	230°	+9°	356°	-18°	2.6dB	303°K	370949	-252 Hz
2022-03-01	Tuesday	11:30	236°	+5°	0 dB	0°	236°	+5°	3°	-18°	2.6dB	301°K	371003	-272 Hz
2022-03-01	Tuesday	12:00	242°	+1°	0 dB	0°	242°	+1°	10°	-18°	2.6dB	300°K	371057	-287 Hz
2022-03-02	Wednesday	03:30	116°	+3°	0 dB	0°	116°	+3°	235°	-15°	1.9dB	SUN!	372956	+238 Hz
2022-03-02	Wednesday	04:00	121°	+7°	0 dB	0°	121°	+7°	242°	-15°	1.9dB	SUN!	373024	+223 Hz
2022-03-02	Wednesday	04:30	127°	+12°	0 dB	0°	127°	+12°	249°	-14°	1.9dB	SUN!	373092	+205 Hz
2022-03-02	Wednesday	05:00	133°	+16°	0 dB	0°	133°	+16°	257°	-14°	1.9dB	SUN!	373161	+182 Hz
2022-03-02	Wednesday	05:30	139°	+19°	0 dB	0°	139°	+19°	264°	-14°	1.9dB	SUN!	373230	+155 Hz
2022-03-02	Wednesday	06:00	146°	+22°	0 dB	0°	146°	+22°	271°	-14°	1.9dB	SUN!	373300	+125 Hz
2022-03-02	Wednesday	06:30	153°	+25°	0 dB	0°	153°	+25°	278°	-14°	1.9dB	SUN!	373370	+93 Hz
2022-03-02	Wednesday	07:00	161°	+27°	0 dB	0°	161°	+27°	285°	-14°	1.9dB	SUN!	373441	+58 Hz
2022-03-02	Wednesday	07:30	169°	+29°	0 dB	0°	169°	+29°	293°	-14°	1.9dB	SUN!	373512	+21 Hz
2022-03-02	Wednesday	08:00	177°	+29°	0 dB	0°	177°	+29°	300°	-14°	1.9dB	SUN!	373583	-16 Hz
2022-03-02	Wednesday	08:30	185°	+29°	0 dB	0°	185°	+29°	307°	-14°	1.9dB	SUN!	373655	-54 Hz
2022-03-02	Wednesday	09:00	193°	+29°	0 dB	0°	193°	+29°	314°	-13°	1.9dB	SUN!	373727	-92 Hz
2022-03-02	Wednesday	09:30	201°	+27°	0 dB	0°	201°	+27°	322°	-13°	1.9dB	SUN!	373800	-128 Hz
2022-03-02	Wednesday	10:00	208°	+25°	0 dB	0°	208°	+25°	329°	-13°	2.0dB	SUN!	373873	-163 Hz
2022-03-02	Wednesday	10:30	216°	+23°	0 dB	0°	216°	+23°	336°	-13°	2.0dB	SUN!	373946	-196 Hz
2022-03-02	Wednesday	11:00	222°	+20°	0 dB	0°	222°	+20°	343°	-13°	2.0dB	SUN!	374020	-226 Hz
2022-03-02	Wednesday	11:30	229°	+16°	0 dB	0°	229°	+16°	351°	-13°	2.0dB	SUN!	374094	-253 Hz
2022-03-02	Wednesday	12:00	235°	+12°	0 dB	0°	235°	+12°	358°	-13°	2.0dB	SUN!	374168	-276 Hz
2022-03-02	Wednesday	12:30	241°	+8°	0 dB	0°	241°	+8°	5°	-13°	2.0dB	SUN!	374243	-295 Hz
2022-03-02	Wednesday	13:00	246°	+4°	0 dB	0°	246°	+4°	12°	-13°	2.0dB	SUN!	374318	-309 Hz
2022-03-03	Thursday	04:00	109°	+4°	0 dB	0°	109°	+4°	230°	-9°	2.0dB	SUN!	376745	+244 Hz
2022-03-03	Thursday	04:30	114°	+9°	0 dB	0°	114°	+9°	237°	-9°	2.0dB	SUN!	376831	+232 Hz
2022-03-03	Thursday	05:00	120°	+14°	0 dB	0°	120°	+14°	245°	-9°	2.0dB	SUN!	376918	+215 Hz
2022-03-03	Thursday	05:30	125°	+18°	0 dB	0°	125°	+18°	252°	-9°	2.0dB	SUN!	377004	+194 Hz
2022-03-03	Thursday	06:00	132°	+22°	0 dB	0°	132°	+22°	259°	-8°	2.0dB	SUN!	377091	+169 Hz
2022-03-03	Thursday	06:30	139°	+26°	0 dB	0°	139°	+26°	266°	-8°	2.0dB	239°K	377179	+140 Hz
2022-03-03	Thursday	07:00	146°	+29°	0 dB	0°	146°	+29°	274°	-8°	2.1dB	239°K	377267	+108 Hz
2022-03-03	Thursday	07:30	154°	+32°	0 dB	0°	154°	+32°	281°	-8°	2.1dB	239°K	377354	+74 Hz
2022-03-03	Thursday	08:00	162°	+34°	0 dB	0°	162°	+34°	288°	-8°	2.1dB	239°K	377443	+37 Hz
2022-03-03	Thursday	08:30	171°	+35°	0 dB	0°	171°	+35°	295°	-8°	2.1dB	239°K	377531	-1 Hz
2022-03-03	Thursday	09:00	180°	+35°	0 dB	0°	180°	+35°	303°	-8°	2.1dB	239°K	377620	-39 Hz
2022-03-03	Thursday	09:30	188°	+35°	0 dB	0°	188°	+35°	310°	-8°	2.1dB	239°K	377709	-78 Hz
2022-03-03	Thursday	10:00	197°	+34°	0 dB	0°	197°	+34°	317°	-7°	2.1dB	239°K	377799	-116 Hz
2022-03-03	Thursday	10:30	206°	+33°	0 dB	0°	206°	+33°	324°	-7°	2.1dB	239°K	377889	-153 Hz
2022-03-03	Thursday	11:00	214°	+30°	0 dB	0°	214°	+30°	332°	-7°	2.1dB	239°K	377979	-188 Hz
2022-03-03	Thursday	11:30	221°	+27°	0 dB	0°	221°	+27°	339°	-7°	2.1dB	239°K	378069	-221 Hz
2022-03-03	Thursday	12:00	228°	+24°	0 dB	0°	228°	+24°	346°	-7°	2.1dB	239°K	378159	-250 Hz
2022-03-03	Thursday	12:30	235°	+20°	0 dB	0°	235°	+20°	353°	-7°	2.1dB	239°K	378250	-276 Hz
2022-03-03	Thursday	13:00	241°	+16°	0 dB	0°	241°	+16°	1°	-7°	2.1dB	239°K	378341	-298 Hz
2022-03-03	Thursday	13:30	247°	+11°	0 dB	0°	247°	+11°	8°	-7°	2.1dB	239°K	378433	-316 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-03	Thursday	14:00	253°	+6°	0 dB	0°	253°	+6°	15°	-7°	2.1dB	239°K	378524	-329 Hz
2022-03-03	Thursday	14:30	258°	+2°	0 dB	0°	258°	+2°	22°	-6°	2.1dB	239°K	378616	-337 Hz
2022-03-04	Fri day	04:00	096°	+1°	0 dB	0°	096°	+1°	219°	-3°	2.4dB	251°K	381186	+252 Hz
2022-03-04	Fri day	04:30	101°	+6°	0 dB	0°	101°	+6°	226°	-3°	2.4dB	251°K	381285	+247 Hz
2022-03-04	Fri day	05:00	107°	+11°	0 dB	0°	107°	+11°	233°	-3°	2.4dB	252°K	381383	+237 Hz
2022-03-04	Fri day	05:30	112°	+16°	0 dB	0°	112°	+16°	241°	-3°	2.4dB	252°K	381481	+223 Hz
2022-03-04	Fri day	06:00	118°	+20°	0 dB	0°	118°	+20°	248°	-3°	2.4dB	253°K	381580	+204 Hz
2022-03-04	Fri day	06:30	125°	+25°	0 dB	0°	125°	+25°	255°	-2°	2.5dB	253°K	381678	+180 Hz
2022-03-04	Fri day	07:00	131°	+29°	0 dB	0°	131°	+29°	262°	-2°	2.5dB	254°K	381777	+153 Hz
2022-03-04	Fri day	07:30	139°	+33°	0 dB	0°	139°	+33°	270°	-2°	2.5dB	255°K	381876	+122 Hz
2022-03-04	Fri day	08:00	147°	+36°	0 dB	0°	147°	+36°	277°	-2°	2.5dB	255°K	381976	+89 Hz
2022-03-04	Fri day	08:30	155°	+39°	0 dB	0°	155°	+39°	284°	-2°	2.5dB	256°K	382075	+53 Hz
2022-03-04	Fri day	09:00	165°	+40°	0 dB	0°	165°	+40°	291°	-2°	2.5dB	256°K	382175	+15 Hz
2022-03-04	Fri day	09:30	174°	+41°	0 dB	0°	174°	+41°	299°	-2°	2.5dB	257°K	382274	-24 Hz
2022-03-04	Fri day	10:00	184°	+42°	0 dB	0°	184°	+42°	306°	-2°	2.5dB	257°K	382374	-64 Hz
2022-03-04	Fri day	10:30	194°	+41°	0 dB	0°	194°	+41°	313°	-1°	2.6dB	258°K	382474	-103 Hz
2022-03-04	Fri day	11:00	203°	+40°	0 dB	0°	203°	+40°	320°	-1°	2.6dB	259°K	382574	-141 Hz
2022-03-04	Fri day	11:30	212°	+37°	0 dB	0°	212°	+37°	328°	-1°	2.6dB	259°K	382674	-178 Hz
2022-03-04	Fri day	12:00	220°	+34°	0 dB	0°	220°	+34°	335°	-1°	2.6dB	260°K	382775	-212 Hz
2022-03-04	Fri day	12:30	228°	+31°	0 dB	0°	228°	+31°	342°	-1°	2.6dB	260°K	382875	-243 Hz
2022-03-04	Fri day	13:00	235°	+27°	0 dB	0°	235°	+27°	350°	-1°	2.6dB	261°K	382976	-271 Hz
2022-03-04	Fri day	13:30	242°	+23°	0 dB	0°	242°	+23°	357°	-1°	2.6dB	262°K	383076	-296 Hz
2022-03-04	Fri day	14:00	248°	+18°	0 dB	0°	248°	+18°	4°	-1°	2.6dB	262°K	383177	-316 Hz
2022-03-04	Fri day	14:30	254°	+14°	0 dB	0°	254°	+14°	11°	-0°	2.7dB	263°K	383278	-331 Hz
2022-03-04	Fri day	15:00	259°	+9°	0 dB	0°	259°	+9°	19°	-0°	2.7dB	263°K	383379	-342 Hz
2022-03-04	Fri day	15:30	265°	+4°	0 dB	0°	265°	+4°	26°	-0°	2.7dB	264°K	383480	-348 Hz
2022-03-05	Saturday	04:30	089°	+3°	0 dB	0°	089°	+3°	215°	+3°	3.0dB	279°K	386137	+251 Hz
2022-03-05	Saturday	05:00	095°	+8°	0 dB	0°	095°	+8°	222°	+3°	3.0dB	279°K	386239	+248 Hz
2022-03-05	Saturday	05:30	100°	+13°	0 dB	0°	100°	+13°	230°	+3°	3.0dB	280°K	386342	+241 Hz
2022-03-05	Saturday	06:00	105°	+18°	0 dB	0°	105°	+18°	237°	+3°	3.0dB	280°K	386445	+229 Hz
2022-03-05	Saturday	06:30	111°	+23°	0 dB	0°	111°	+23°	244°	+4°	3.0dB	281°K	386547	+212 Hz
2022-03-05	Saturday	07:00	117°	+28°	0 dB	0°	117°	+28°	251°	+4°	3.1dB	281°K	386650	+190 Hz
2022-03-05	Saturday	07:30	124°	+32°	0 dB	0°	124°	+32°	259°	+4°	3.1dB	282°K	386753	+165 Hz
2022-03-05	Saturday	08:00	131°	+36°	0 dB	0°	131°	+36°	266°	+4°	3.1dB	283°K	386856	+136 Hz
2022-03-05	Saturday	08:30	139°	+40°	0 dB	0°	139°	+40°	273°	+4°	3.1dB	283°K	386958	+103 Hz
2022-03-05	Saturday	09:00	148°	+43°	0 dB	0°	148°	+43°	281°	+4°	3.1dB	284°K	387061	+68 Hz
2022-03-05	Saturday	09:30	158°	+46°	0 dB	0°	158°	+46°	288°	+4°	3.1dB	284°K	387164	+31 Hz
2022-03-05	Saturday	10:00	168°	+47°	0 dB	0°	168°	+47°	295°	+4°	3.1dB	285°K	387266	-7 Hz
2022-03-05	Saturday	10:30	179°	+48°	0 dB	0°	179°	+48°	302°	+4°	3.1dB	285°K	387369	-47 Hz
2022-03-05	Saturday	11:00	190°	+48°	0 dB	0°	190°	+48°	310°	+5°	3.2dB	286°K	387472	-86 Hz
2022-03-05	Saturday	11:30	201°	+46°	0 dB	0°	201°	+46°	317°	+5°	3.2dB	287°K	387574	-125 Hz
2022-03-05	Saturday	12:00	211°	+44°	0 dB	0°	211°	+44°	324°	+5°	3.2dB	287°K	387677	-162 Hz
2022-03-05	Saturday	12:30	220°	+41°	0 dB	0°	220°	+41°	332°	+5°	3.2dB	288°K	387779	-198 Hz
2022-03-05	Saturday	13:00	228°	+38°	0 dB	0°	228°	+38°	339°	+5°	3.2dB	288°K	387882	-230 Hz
2022-03-05	Saturday	13:30	236°	+34°	0 dB	0°	236°	+34°	346°	+5°	3.2dB	289°K	387984	-260 Hz
2022-03-05	Saturday	14:00	243°	+30°	0 dB	0°	243°	+30°	353°	+5°	3.2dB	289°K	388086	-286 Hz
2022-03-05	Saturday	14:30	249°	+25°	0 dB	0°	249°	+25°	1°	+5°	3.2dB	290°K	388189	-308 Hz
2022-03-05	Saturday	15:00	255°	+20°	0 dB	0°	255°	+20°	8°	+6°	3.2dB	290°K	388291	-325 Hz
2022-03-05	Saturday	15:30	261°	+16°	0 dB	0°	261°	+16°	15°	+6°	3.3dB	291°K	388393	-338 Hz
2022-03-05	Saturday	16:00	266°	+11°	0 dB	0°	266°	+11°	22°	+6°	3.3dB	292°K	388495	-346 Hz
2022-03-05	Saturday	16:30	272°	+6°	0 dB	0°	272°	+6°	30°	+6°	3.3dB	292°K	388597	-349 Hz
2022-03-05	Saturday	17:00	277°	+1°	0 dB	0°	277°	+1°	37°	+6°	3.3dB	293°K	388699	-348 Hz
2022-03-06	Sunday	05:00	083°	+4°	0 dB	0°	083°	+4°	212°	+9°	3.5dB	301°K	391117	+250 Hz
2022-03-06	Sunday	05:30	088°	+10°	0 dB	0°	088°	+10°	219°	+9°	3.5dB	301°K	391216	+250 Hz
2022-03-06	Sunday	06:00	093°	+15°	0 dB	0°	093°	+15°	226°	+9°	3.5dB	301°K	391315	+244 Hz
2022-03-06	Sunday	06:30	099°	+20°	0 dB	0°	099°	+20°	234°	+9°	3.5dB	302°K	391413	+234 Hz
2022-03-06	Sunday	07:00	104°	+25°	0 dB	0°	104°	+25°	241°	+9°	3.5dB	302°K	391512	+220 Hz
2022-03-06	Sunday	07:30	110°	+30°	0 dB	0°	110°	+30°	248°	+9°	3.5dB	302°K	391611	+200 Hz
2022-03-06	Sunday	08:00	117°	+35°	0 dB	0°	117°	+35°	255°	+9°	3.5dB	302°K	391709	+177 Hz
2022-03-06	Sunday	08:30	124°	+39°	0 dB	0°	124°	+39°	263°	+10°	3.6dB	303°K	391807	+150 Hz
2022-03-06	Sunday	09:00	132°	+43°	0 dB	0°	132°	+43°	270°	+10°	3.6dB	303°K	391905	+119 Hz
2022-03-06	Sunday	09:30	140°	+47°	0 dB	0°	140°	+47°	277°	+10°	3.6dB	303°K	392002	+85 Hz
2022-03-06	Sunday	10:00	150°	+50°	0 dB	0°	150°	+50°	284°	+10°	3.6dB	304°K	392100	+50 Hz
2022-03-06	Sunday	10:30	162°	+52°	0 dB	0°	162°	+52°	292°	+10°	3.6dB	304°K	392197	+12 Hz
2022-03-06	Sunday	11:00	173°	+53°	0 dB	0°	173°	+53°	299°	+10°	3.6dB	305°K	392294	-27 Hz
2022-03-06	Sunday	11:30	186°	+54°	0 dB	0°	186°	+54°	306°	+10°	3.6dB	306°K	392391	-66 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-06	Sunday	12:00	198°	+53°	0 dB	0°	198°	+53°	314°	+10°	3.6dB	307°K	392488	-104 Hz
2022-03-06	Sunday	12:30	209°	+51°	0 dB	0°	209°	+51°	321°	+10°	3.7dB	309°K	392585	-142 Hz
2022-03-06	Sunday	13:00	219°	+48°	0 dB	0°	219°	+48°	328°	+11°	3.7dB	310°K	392681	-178 Hz
2022-03-06	Sunday	13:30	228°	+45°	0 dB	0°	228°	+45°	335°	+11°	3.7dB	312°K	392777	-211 Hz
2022-03-06	Sunday	14:00	237°	+41°	0 dB	0°	237°	+41°	343°	+11°	3.7dB	313°K	392873	-242 Hz
2022-03-06	Sunday	14:30	244°	+36°	0 dB	0°	244°	+36°	350°	+11°	3.7dB	315°K	392969	-269 Hz
2022-03-06	Sunday	15:00	251°	+32°	0 dB	0°	251°	+32°	357°	+11°	3.8dB	316°K	393064	-292 Hz
2022-03-06	Sunday	15:30	257°	+27°	0 dB	0°	257°	+27°	5°	+11°	3.8dB	317°K	393160	-312 Hz
2022-03-06	Sunday	16:00	263°	+22°	0 dB	0°	263°	+22°	12°	+11°	3.8dB	319°K	393255	-326 Hz
2022-03-06	Sunday	16:30	268°	+17°	0 dB	0°	268°	+17°	19°	+11°	3.8dB	320°K	393349	-336 Hz
2022-03-06	Sunday	17:00	273°	+12°	0 dB	0°	273°	+12°	26°	+11°	3.8dB	322°K	393444	-341 Hz
2022-03-06	Sunday	17:30	279°	+7°	0 dB	0°	279°	+7°	34°	+12°	3.9dB	323°K	393538	-342 Hz
2022-03-06	Sunday	18:00	284°	+2°	0 dB	0°	284°	+2°	41°	+12°	3.9dB	324°K	393632	-338 Hz
2022-03-07	Monday	05:00	072°	+1°	0 dB	0°	072°	+1°	201°	+14°	4.3dB	352°K	395636	+243 Hz
2022-03-07	Monday	05:30	077°	+6°	0 dB	0°	077°	+6°	208°	+14°	4.3dB	352°K	395723	+249 Hz
2022-03-07	Monday	06:00	082°	+11°	0 dB	0°	082°	+11°	216°	+14°	4.3dB	353°K	395811	+251 Hz
2022-03-07	Monday	06:30	087°	+16°	0 dB	0°	087°	+16°	223°	+14°	4.3dB	354°K	395898	+248 Hz
2022-03-07	Monday	07:00	092°	+21°	0 dB	0°	092°	+21°	230°	+14°	4.3dB	354°K	395985	+241 Hz
2022-03-07	Monday	07:30	097°	+26°	0 dB	0°	097°	+26°	237°	+14°	4.3dB	355°K	396071	+228 Hz
2022-03-07	Monday	08:00	103°	+31°	0 dB	0°	103°	+31°	245°	+15°	4.3dB	356°K	396157	+212 Hz
2022-03-07	Monday	08:30	109°	+36°	0 dB	0°	109°	+36°	252°	+15°	4.3dB	357°K	396243	+190 Hz
2022-03-07	Monday	09:00	116°	+41°	0 dB	0°	116°	+41°	259°	+15°	4.4dB	357°K	396329	+165 Hz
2022-03-07	Monday	09:30	124°	+46°	0 dB	0°	124°	+46°	266°	+15°	4.4dB	358°K	396414	+137 Hz
2022-03-07	Monday	10:00	132°	+50°	0 dB	0°	132°	+50°	274°	+15°	4.4dB	359°K	396499	+105 Hz
2022-03-07	Monday	10:30	142°	+53°	0 dB	0°	142°	+53°	281°	+15°	4.4dB	359°K	396583	+71 Hz
2022-03-07	Monday	11:00	153°	+56°	0 dB	0°	153°	+56°	288°	+15°	4.4dB	360°K	396667	+35 Hz
2022-03-07	Monday	11:30	166°	+58°	0 dB	0°	166°	+58°	296°	+15°	4.4dB	361°K	396751	-3 Hz
2022-03-07	Monday	12:00	180°	+59°	0 dB	0°	180°	+59°	303°	+15°	4.4dB	362°K	396835	-41 Hz
2022-03-07	Monday	12:30	193°	+58°	0 dB	0°	193°	+58°	310°	+15°	4.4dB	362°K	396918	-79 Hz
2022-03-07	Monday	13:00	206°	+57°	0 dB	0°	206°	+57°	317°	+16°	4.4dB	363°K	397001	-116 Hz
2022-03-07	Monday	13:30	218°	+54°	0 dB	0°	218°	+54°	325°	+16°	4.5dB	364°K	397083	-152 Hz
2022-03-07	Monday	14:00	228°	+51°	0 dB	0°	228°	+51°	332°	+16°	4.5dB	364°K	397165	-186 Hz
2022-03-07	Monday	14:30	237°	+47°	0 dB	0°	237°	+47°	339°	+16°	4.5dB	365°K	397247	-217 Hz
2022-03-07	Monday	15:00	245°	+42°	0 dB	0°	245°	+42°	347°	+16°	4.5dB	366°K	397328	-245 Hz
2022-03-07	Monday	15:30	252°	+38°	0 dB	0°	252°	+38°	354°	+16°	4.5dB	367°K	397409	-270 Hz
2022-03-07	Monday	16:00	258°	+33°	0 dB	0°	258°	+33°	1°	+16°	4.5dB	367°K	397490	-291 Hz
2022-03-07	Monday	16:30	264°	+28°	0 dB	0°	264°	+28°	8°	+16°	4.5dB	368°K	397570	-307 Hz
2022-03-07	Monday	17:00	269°	+23°	0 dB	0°	269°	+23°	16°	+16°	4.5dB	369°K	397650	-319 Hz
2022-03-07	Monday	17:30	274°	+18°	0 dB	0°	274°	+18°	23°	+16°	4.5dB	369°K	397729	-326 Hz
2022-03-07	Monday	18:00	280°	+13°	0 dB	0°	280°	+13°	30°	+16°	4.5dB	368°K	397808	-329 Hz
2022-03-07	Monday	18:30	285°	+8°	0 dB	0°	285°	+8°	37°	+17°	4.5dB	368°K	397887	-327 Hz
2022-03-07	Monday	19:00	290°	+3°	0 dB	0°	290°	+3°	45°	+17°	4.5dB	367°K	397965	-320 Hz
2022-03-08	Tuesday	05:30	066°	+2°	0 dB	0°	066°	+2°	197°	+18°	4.4dB	352°K	399518	+241 Hz
2022-03-08	Tuesday	06:00	071°	+7°	0 dB	0°	071°	+7°	205°	+19°	4.4dB	351°K	399587	+250 Hz
2022-03-08	Tuesday	06:30	076°	+12°	0 dB	0°	076°	+12°	212°	+19°	4.4dB	350°K	399656	+254 Hz
2022-03-08	Tuesday	07:00	081°	+17°	0 dB	0°	081°	+17°	219°	+19°	4.4dB	350°K	399725	+253 Hz
2022-03-08	Tuesday	07:30	086°	+22°	0 dB	0°	086°	+22°	226°	+19°	4.4dB	349°K	399792	+248 Hz
2022-03-08	Tuesday	08:00	091°	+27°	0 dB	0°	091°	+27°	234°	+19°	4.4dB	348°K	399860	+238 Hz
2022-03-08	Tuesday	08:30	096°	+32°	0 dB	0°	096°	+32°	241°	+19°	4.4dB	348°K	399927	+224 Hz
2022-03-08	Tuesday	09:00	102°	+37°	0 dB	0°	102°	+37°	248°	+19°	4.4dB	348°K	399994	+206 Hz
2022-03-08	Tuesday	09:30	108°	+42°	0 dB	0°	108°	+42°	256°	+19°	4.4dB	349°K	400060	+183 Hz
2022-03-08	Tuesday	10:00	115°	+47°	0 dB	0°	115°	+47°	263°	+19°	4.4dB	350°K	400126	+157 Hz
2022-03-08	Tuesday	10:30	124°	+51°	0 dB	0°	124°	+51°	270°	+19°	4.5dB	351°K	400191	+128 Hz
2022-03-08	Tuesday	11:00	133°	+56°	0 dB	0°	133°	+56°	277°	+19°	4.5dB	351°K	400256	+95 Hz
2022-03-08	Tuesday	11:30	144°	+59°	0 dB	0°	144°	+59°	285°	+19°	4.5dB	352°K	400320	+61 Hz
2022-03-08	Tuesday	12:00	157°	+62°	0 dB	0°	157°	+62°	292°	+20°	4.5dB	353°K	400384	+25 Hz
2022-03-08	Tuesday	12:30	172°	+63°	0 dB	0°	172°	+63°	299°	+20°	4.5dB	354°K	400448	-12 Hz
2022-03-08	Tuesday	13:00	187°	+63°	0 dB	0°	187°	+63°	306°	+20°	4.5dB	354°K	400511	-49 Hz
2022-03-08	Tuesday	13:30	202°	+62°	0 dB	0°	202°	+62°	314°	+20°	4.5dB	355°K	400573	-86 Hz
2022-03-08	Tuesday	14:00	215°	+60°	0 dB	0°	215°	+60°	321°	+20°	4.5dB	356°K	400635	-121 Hz
2022-03-08	Tuesday	14:30	227°	+56°	0 dB	0°	227°	+56°	328°	+20°	4.5dB	356°K	400697	-155 Hz
2022-03-08	Tuesday	15:00	237°	+52°	0 dB	0°	237°	+52°	335°	+20°	4.5dB	357°K	400758	-187 Hz
2022-03-08	Tuesday	15:30	245°	+48°	0 dB	0°	245°	+48°	343°	+20°	4.6dB	358°K	400818	-216 Hz
2022-03-08	Tuesday	16:00	252°	+43°	0 dB	0°	252°	+43°	350°	+20°	4.6dB	359°K	400879	-242 Hz
2022-03-08	Tuesday	16:30	259°	+38°	0 dB	0°	259°	+38°	357°	+20°	4.6dB	359°K	400938	-264 Hz
2022-03-08	Tuesday	17:00	264°	+33°	0 dB	0°	264°	+33°	5°	+20°	4.6dB	360°K	400997	-283 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-08	Tuesday	17:30	270°	+28°	0 dB	0°	270°	+28°	12°	+20°	4.6dB	361°K	401056	-297 Hz
2022-03-08	Tuesday	18:00	275°	+23°	0 dB	0°	275°	+23°	19°	+20°	4.6dB	362°K	401114	-306 Hz
2022-03-08	Tuesday	18:30	280°	+18°	0 dB	0°	280°	+18°	26°	+21°	4.6dB	362°K	401172	-311 Hz
2022-03-08	Tuesday	19:00	285°	+13°	0 dB	0°	285°	+13°	34°	+21°	4.6dB	363°K	401229	-311 Hz
2022-03-08	Tuesday	19:30	290°	+9°	0 dB	0°	290°	+9°	41°	+21°	4.6dB	364°K	401286	-307 Hz
2022-03-08	Tuesday	20:00	295°	+4°	0 dB	0°	295°	+4°	48°	+21°	4.7dB	365°K	401342	-298 Hz
2022-03-08	Tuesday	20:30	300°	-0°	0 dB	0°	300°	-0°	55°	+21°	4.7dB	365°K	401398	-285 Hz
2022-03-09	Wednesday	06:00	061°	+2°	0 dB	0°	061°	+2°	193°	+22°	4.9dB	384°K	402363	+240 Hz
2022-03-09	Wednesday	06:30	066°	+7°	0 dB	0°	066°	+7°	201°	+22°	4.9dB	385°K	402408	+251 Hz
2022-03-09	Wednesday	07:00	071°	+12°	0 dB	0°	071°	+12°	208°	+22°	4.9dB	386°K	402453	+258 Hz
2022-03-09	Wednesday	07:30	075°	+16°	0 dB	0°	075°	+16°	215°	+22°	4.9dB	387°K	402498	+260 Hz
2022-03-09	Wednesday	08:00	080°	+21°	0 dB	0°	080°	+21°	222°	+22°	4.9dB	388°K	402542	+257 Hz
2022-03-09	Wednesday	08:30	085°	+27°	0 dB	0°	085°	+27°	230°	+23°	4.9dB	389°K	402585	+250 Hz
2022-03-09	Wednesday	09:00	090°	+32°	0 dB	0°	090°	+32°	237°	+23°	5.0dB	390°K	402628	+239 Hz
2022-03-09	Wednesday	09:30	096°	+37°	0 dB	0°	096°	+37°	244°	+23°	5.0dB	391°K	402671	+223 Hz
2022-03-09	Wednesday	10:00	101°	+42°	0 dB	0°	101°	+42°	251°	+23°	5.0dB	392°K	402713	+203 Hz
2022-03-09	Wednesday	10:30	108°	+47°	0 dB	0°	108°	+47°	259°	+23°	5.0dB	393°K	402754	+180 Hz
2022-03-09	Wednesday	11:00	115°	+52°	0 dB	0°	115°	+52°	266°	+23°	5.0dB	394°K	402795	+153 Hz
2022-03-09	Wednesday	11:30	124°	+56°	0 dB	0°	124°	+56°	273°	+23°	5.0dB	395°K	402835	+123 Hz
2022-03-09	Wednesday	12:00	134°	+60°	0 dB	0°	134°	+60°	280°	+23°	5.0dB	396°K	402875	+91 Hz
2022-03-09	Wednesday	12:30	147°	+63°	0 dB	0°	147°	+63°	288°	+23°	5.0dB	397°K	402914	+56 Hz
2022-03-09	Wednesday	13:00	162°	+66°	0 dB	0°	162°	+66°	295°	+23°	5.0dB	398°K	402953	+21 Hz
2022-03-09	Wednesday	13:30	178°	+67°	0 dB	0°	178°	+67°	302°	+23°	5.1dB	400°K	402991	-15 Hz
2022-03-09	Wednesday	14:00	195°	+66°	0 dB	0°	195°	+66°	310°	+23°	5.1dB	401°K	403029	-51 Hz
2022-03-09	Wednesday	14:30	211°	+64°	0 dB	0°	211°	+64°	317°	+23°	5.1dB	402°K	403066	-87 Hz
2022-03-09	Wednesday	15:00	224°	+61°	0 dB	0°	224°	+61°	324°	+23°	5.1dB	403°K	403102	-121 Hz
2022-03-09	Wednesday	15:30	235°	+57°	0 dB	0°	235°	+57°	331°	+23°	5.1dB	404°K	403138	-153 Hz
2022-03-09	Wednesday	16:00	244°	+53°	0 dB	0°	244°	+53°	339°	+23°	5.1dB	406°K	403174	-183 Hz
2022-03-09	Wednesday	16:30	252°	+48°	0 dB	0°	252°	+48°	346°	+23°	5.1dB	407°K	403209	-210 Hz
2022-03-09	Wednesday	17:00	258°	+43°	0 dB	0°	258°	+43°	353°	+24°	5.2dB	408°K	403243	-234 Hz
2022-03-09	Wednesday	17:30	264°	+38°	0 dB	0°	264°	+38°	0°	+24°	5.2dB	409°K	403277	-254 Hz
2022-03-09	Wednesday	18:00	270°	+33°	0 dB	0°	270°	+33°	8°	+24°	5.2dB	410°K	403310	-270 Hz
2022-03-09	Wednesday	18:30	275°	+28°	0 dB	0°	275°	+28°	15°	+24°	5.2dB	412°K	403343	-282 Hz
2022-03-09	Wednesday	19:00	280°	+23°	0 dB	0°	280°	+23°	22°	+24°	5.2dB	413°K	403375	-289 Hz
2022-03-09	Wednesday	19:30	285°	+18°	0 dB	0°	285°	+18°	29°	+24°	5.2dB	414°K	403406	-292 Hz
2022-03-09	Wednesday	20:00	289°	+14°	0 dB	0°	289°	+14°	37°	+24°	5.2dB	415°K	403437	-291 Hz
2022-03-09	Wednesday	20:30	294°	+9°	0 dB	0°	294°	+9°	44°	+24°	5.2dB	417°K	403468	-285 Hz
2022-03-09	Wednesday	21:00	299°	+5°	0 dB	0°	299°	+5°	51°	+24°	5.3dB	418°K	403498	-275 Hz
2022-03-09	Wednesday	21:30	304°	+0°	0 dB	0°	304°	+0°	58°	+24°	5.3dB	419°K	403527	-260 Hz
2022-03-10	Thursday	06:30	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	5.5dB	447°K	403961	+240 Hz
2022-03-10	Thursday	07:00	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	5.6dB	450°K	403979	+253 Hz
2022-03-10	Thursday	07:30	066°	+11°	0 dB	0°	066°	+11°	203°	+25°	5.6dB	452°K	403998	+262 Hz
2022-03-10	Thursday	08:00	071°	+15°	0 dB	0°	071°	+15°	211°	+25°	5.6dB	454°K	404015	+267 Hz
2022-03-10	Thursday	08:30	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	5.6dB	457°K	404032	+267 Hz
2022-03-10	Thursday	09:00	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	5.6dB	459°K	404049	+263 Hz
2022-03-10	Thursday	09:30	085°	+30°	0 dB	0°	085°	+30°	232°	+25°	5.7dB	461°K	404065	+255 Hz
2022-03-10	Thursday	10:00	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	5.7dB	464°K	404080	+242 Hz
2022-03-10	Thursday	10:30	095°	+40°	0 dB	0°	095°	+40°	247°	+25°	5.7dB	466°K	404095	+225 Hz
2022-03-10	Thursday	11:00	101°	+45°	0 dB	0°	101°	+45°	254°	+25°	5.7dB	468°K	404109	+204 Hz
2022-03-10	Thursday	11:30	108°	+50°	0 dB	0°	108°	+50°	261°	+25°	5.7dB	471°K	404122	+180 Hz
2022-03-10	Thursday	12:00	115°	+55°	0 dB	0°	115°	+55°	269°	+25°	5.8dB	473°K	404135	+153 Hz
2022-03-10	Thursday	12:30	124°	+60°	0 dB	0°	124°	+60°	276°	+25°	5.8dB	475°K	404148	+122 Hz
2022-03-10	Thursday	13:00	136°	+64°	0 dB	0°	136°	+64°	283°	+25°	5.8dB	478°K	404160	+90 Hz
2022-03-10	Thursday	13:30	150°	+67°	0 dB	0°	150°	+67°	290°	+25°	5.8dB	480°K	404171	+56 Hz
2022-03-10	Thursday	14:00	167°	+69°	0 dB	0°	167°	+69°	298°	+25°	5.8dB	482°K	404182	+21 Hz
2022-03-10	Thursday	14:30	185°	+69°	0 dB	0°	185°	+69°	305°	+25°	5.9dB	485°K	404192	-14 Hz
2022-03-10	Thursday	15:00	203°	+68°	0 dB	0°	203°	+68°	312°	+26°	5.9dB	487°K	404202	-49 Hz
2022-03-10	Thursday	15:30	218°	+65°	0 dB	0°	218°	+65°	319°	+26°	5.9dB	489°K	404211	-84 Hz
2022-03-10	Thursday	16:00	231°	+62°	0 dB	0°	231°	+62°	327°	+26°	5.9dB	492°K	404219	-117 Hz
2022-03-10	Thursday	16:30	241°	+58°	0 dB	0°	241°	+58°	334°	+26°	5.9dB	494°K	404227	-148 Hz
2022-03-10	Thursday	17:00	249°	+53°	0 dB	0°	249°	+53°	341°	+26°	6.0dB	497°K	404235	-176 Hz
2022-03-10	Thursday	17:30	257°	+48°	0 dB	0°	257°	+48°	348°	+26°	6.0dB	499°K	404241	-202 Hz
2022-03-10	Thursday	18:00	263°	+43°	0 dB	0°	263°	+43°	356°	+26°	6.0dB	500°K	404248	-224 Hz
2022-03-10	Thursday	18:30	268°	+38°	0 dB	0°	268°	+38°	3°	+26°	6.0dB	500°K	404253	-242 Hz
2022-03-10	Thursday	19:00	274°	+33°	0 dB	0°	274°	+33°	10°	+26°	6.0dB	500°K	404258	-257 Hz
2022-03-10	Thursday	19:30	278°	+28°	0 dB	0°	278°	+28°	17°	+26°	6.0dB	500°K	404263	-267 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-10	Thursday	20:00	283°	+23°	0 dB	0°	283°	+23°	25°	+26°	6.0dB	500°K	404267	-272 Hz
2022-03-10	Thursday	20:30	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	6.0dB	500°K	404270	-274 Hz
2022-03-10	Thursday	21:00	293°	+13°	0 dB	0°	293°	+13°	39°	+26°	6.0dB	500°K	404273	-271 Hz
2022-03-10	Thursday	21:30	297°	+9°	0 dB	0°	297°	+9°	46°	+26°	6.0dB	500°K	404275	-264 Hz
2022-03-10	Thursday	22:00	302°	+4°	0 dB	0°	302°	+4°	54°	+26°	6.0dB	500°K	404277	-252 Hz
2022-03-10	Thursday	22:30	307°	+0°	0 dB	0°	307°	+0°	61°	+26°	6.0dB	500°K	404278	-237 Hz
2022-03-11	Fri day	07:00	052°	+0°	0 dB	0°	052°	+0°	184°	+26°	6.0dB	500°K	404210	+240 Hz
2022-03-11	Fri day	07:30	057°	+4°	0 dB	0°	057°	+4°	191°	+26°	6.0dB	499°K	404200	+256 Hz
2022-03-11	Fri day	08:00	062°	+9°	0 dB	0°	062°	+9°	199°	+26°	5.9dB	496°K	404191	+268 Hz
2022-03-11	Fri day	08:30	066°	+13°	0 dB	0°	066°	+13°	206°	+26°	5.9dB	493°K	404181	+275 Hz
2022-03-11	Fri day	09:00	071°	+18°	0 dB	0°	071°	+18°	213°	+26°	5.9dB	490°K	404170	+278 Hz
2022-03-11	Fri day	09:30	076°	+23°	0 dB	0°	076°	+23°	220°	+26°	5.9dB	487°K	404158	+277 Hz
2022-03-11	Fri day	10:00	080°	+28°	0 dB	0°	080°	+28°	228°	+26°	5.8dB	483°K	404146	+272 Hz
2022-03-11	Fri day	10:30	085°	+33°	0 dB	0°	085°	+33°	235°	+26°	5.8dB	480°K	404134	+262 Hz
2022-03-11	Fri day	11:00	090°	+38°	0 dB	0°	090°	+38°	242°	+26°	5.8dB	477°K	404121	+248 Hz
2022-03-11	Fri day	11:30	096°	+43°	0 dB	0°	096°	+43°	249°	+27°	5.8dB	474°K	404107	+230 Hz
2022-03-11	Fri day	12:00	102°	+48°	0 dB	0°	102°	+48°	257°	+27°	5.7dB	471°K	404093	+209 Hz
2022-03-11	Fri day	12:30	108°	+53°	0 dB	0°	108°	+53°	264°	+27°	5.7dB	467°K	404079	+184 Hz
2022-03-11	Fri day	13:00	117°	+58°	0 dB	0°	117°	+58°	271°	+27°	5.7dB	464°K	404063	+156 Hz
2022-03-11	Fri day	13:30	126°	+62°	0 dB	0°	126°	+62°	278°	+27°	5.7dB	461°K	404047	+125 Hz
2022-03-11	Fri day	14:00	139°	+66°	0 dB	0°	139°	+66°	286°	+27°	5.6dB	458°K	404031	+93 Hz
2022-03-11	Fri day	14:30	154°	+69°	0 dB	0°	154°	+69°	293°	+27°	5.6dB	455°K	404014	+59 Hz
2022-03-11	Fri day	15:00	172°	+70°	0 dB	0°	172°	+70°	300°	+27°	5.6dB	451°K	403997	+24 Hz
2022-03-11	Fri day	15:30	192°	+70°	0 dB	0°	192°	+70°	307°	+27°	5.5dB	448°K	403979	-11 Hz
2022-03-11	Fri day	16:00	209°	+68°	0 dB	0°	209°	+68°	315°	+27°	5.5dB	445°K	403960	-46 Hz
2022-03-11	Fri day	16:30	224°	+65°	0 dB	0°	224°	+65°	322°	+27°	5.5dB	442°K	403941	-79 Hz
2022-03-11	Fri day	17:00	236°	+61°	0 dB	0°	236°	+61°	329°	+27°	5.5dB	439°K	403921	-112 Hz
2022-03-11	Fri day	17:30	245°	+57°	0 dB	0°	245°	+57°	336°	+27°	5.4dB	435°K	403901	-142 Hz
2022-03-11	Fri day	18:00	253°	+52°	0 dB	0°	253°	+52°	344°	+27°	5.4dB	432°K	403880	-169 Hz
2022-03-11	Fri day	18:30	260°	+47°	0 dB	0°	260°	+47°	351°	+27°	5.4dB	429°K	403859	-193 Hz
2022-03-11	Fri day	19:00	266°	+42°	0 dB	0°	266°	+42°	358°	+27°	5.3dB	426°K	403837	-214 Hz
2022-03-11	Fri day	19:30	271°	+37°	0 dB	0°	271°	+37°	5°	+27°	5.3dB	423°K	403815	-231 Hz
2022-03-11	Fri day	20:00	276°	+32°	0 dB	0°	276°	+32°	13°	+27°	5.3dB	419°K	403792	-244 Hz
2022-03-11	Fri day	20:30	281°	+27°	0 dB	0°	281°	+27°	20°	+27°	5.3dB	416°K	403768	-253 Hz
2022-03-11	Fri day	21:00	285°	+22°	0 dB	0°	285°	+22°	27°	+27°	5.2dB	413°K	403744	-257 Hz
2022-03-11	Fri day	21:30	290°	+17°	0 dB	0°	290°	+17°	34°	+27°	5.2dB	411°K	403720	-258 Hz
2022-03-11	Fri day	22:00	295°	+12°	0 dB	0°	295°	+12°	42°	+27°	5.2dB	410°K	403695	-253 Hz
2022-03-11	Fri day	22:30	299°	+8°	0 dB	0°	299°	+8°	49°	+27°	5.2dB	408°K	403669	-245 Hz
2022-03-11	Fri day	23:00	304°	+4°	0 dB	0°	304°	+4°	56°	+27°	5.2dB	406°K	403643	-233 Hz
2022-03-11	Fri day	23:30	309°	-0°	0 dB	0°	309°	-0°	63°	+27°	5.1dB	405°K	403616	-216 Hz
2022-03-12	Saturday	08:00	053°	+2°	0 dB	0°	053°	+2°	186°	+27°	4.9dB	377°K	403081	+258 Hz
2022-03-12	Saturday	08:30	058°	+6°	0 dB	0°	058°	+6°	194°	+27°	4.8dB	376°K	403045	+272 Hz
2022-03-12	Saturday	09:00	063°	+10°	0 dB	0°	063°	+10°	201°	+27°	4.8dB	374°K	403008	+283 Hz
2022-03-12	Saturday	09:30	068°	+15°	0 dB	0°	068°	+15°	208°	+27°	4.8dB	373°K	402971	+289 Hz
2022-03-12	Saturday	10:00	072°	+19°	0 dB	0°	072°	+19°	215°	+27°	4.8dB	371°K	402933	+291 Hz
2022-03-12	Saturday	10:30	077°	+24°	0 dB	0°	077°	+24°	223°	+27°	4.8dB	369°K	402895	+289 Hz
2022-03-12	Saturday	11:00	082°	+29°	0 dB	0°	082°	+29°	230°	+27°	4.7dB	367°K	402857	+282 Hz
2022-03-12	Saturday	11:30	087°	+34°	0 dB	0°	087°	+34°	237°	+27°	4.7dB	365°K	402817	+272 Hz
2022-03-12	Saturday	12:00	092°	+39°	0 dB	0°	092°	+39°	244°	+27°	4.7dB	362°K	402778	+257 Hz
2022-03-12	Saturday	12:30	097°	+44°	0 dB	0°	097°	+44°	252°	+27°	4.7dB	360°K	402738	+238 Hz
2022-03-12	Saturday	13:00	104°	+49°	0 dB	0°	104°	+49°	259°	+27°	4.6dB	357°K	402697	+215 Hz
2022-03-12	Saturday	13:30	111°	+54°	0 dB	0°	111°	+54°	266°	+26°	4.6dB	355°K	402656	+189 Hz
2022-03-12	Saturday	14:00	119°	+59°	0 dB	0°	119°	+59°	273°	+26°	4.6dB	353°K	402614	+160 Hz
2022-03-12	Saturday	14:30	130°	+63°	0 dB	0°	130°	+63°	281°	+26°	4.6dB	350°K	402572	+129 Hz
2022-03-12	Saturday	15:00	143°	+67°	0 dB	0°	143°	+67°	288°	+26°	4.5dB	348°K	402529	+96 Hz
2022-03-12	Saturday	15:30	159°	+69°	0 dB	0°	159°	+69°	295°	+26°	4.5dB	345°K	402486	+62 Hz
2022-03-12	Saturday	16:00	178°	+70°	0 dB	0°	178°	+70°	302°	+26°	4.5dB	343°K	402442	+27 Hz
2022-03-12	Saturday	16:30	197°	+69°	0 dB	0°	197°	+69°	309°	+26°	4.4dB	340°K	402398	-8 Hz
2022-03-12	Saturday	17:00	214°	+67°	0 dB	0°	214°	+67°	317°	+26°	4.4dB	338°K	402353	-43 Hz
2022-03-12	Saturday	17:30	228°	+64°	0 dB	0°	228°	+64°	324°	+26°	4.4dB	336°K	402308	-76 Hz
2022-03-12	Saturday	18:00	238°	+60°	0 dB	0°	238°	+60°	331°	+26°	4.4dB	333°K	402263	-108 Hz
2022-03-12	Saturday	18:30	247°	+55°	0 dB	0°	247°	+55°	338°	+26°	4.3dB	331°K	402217	-137 Hz
2022-03-12	Saturday	19:00	255°	+50°	0 dB	0°	255°	+50°	346°	+26°	4.3dB	328°K	402170	-164 Hz
2022-03-12	Saturday	19:30	261°	+45°	0 dB	0°	261°	+45°	353°	+26°	4.3dB	326°K	402123	-188 Hz
2022-03-12	Saturday	20:00	267°	+40°	0 dB	0°	267°	+40°	0°	+26°	4.2dB	324°K	402076	-208 Hz
2022-03-12	Saturday	20:30	272°	+35°	0 dB	0°	272°	+35°	7°	+26°	4.2dB	321°K	402028	-224 Hz

## MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-12	Saturday	21:00	277°	+30°	0 dB	0°	277°	+30°	15°	+26°	4.2dB	319°K	401979	-236 Hz
2022-03-12	Saturday	21:30	282°	+25°	0 dB	0°	282°	+25°	22°	+26°	4.1dB	316°K	401930	-243 Hz
2022-03-12	Saturday	22:00	286°	+20°	0 dB	0°	286°	+20°	29°	+26°	4.1dB	314°K	401881	-247 Hz
2022-03-12	Saturday	22:30	291°	+15°	0 dB	0°	291°	+15°	36°	+26°	4.1dB	312°K	401831	-246 Hz
2022-03-12	Saturday	23:00	296°	+11°	0 dB	0°	296°	+11°	44°	+26°	4.1dB	309°K	401781	-240 Hz
2022-03-12	Saturday	23:30	301°	+6°	0 dB	0°	301°	+6°	51°	+26°	4.0dB	307°K	401730	-231 Hz
2022-03-13	Sunday	00:00	305°	+2°	0 dB	0°	305°	+2°	58°	+26°	4.0dB	304°K	401679	-217 Hz
2022-03-13	Sunday	09:00	055°	+2°	0 dB	0°	055°	+2°	189°	+26°	3.3dB	252°K	400680	+276 Hz
2022-03-13	Sunday	09:30	060°	+6°	0 dB	0°	060°	+6°	196°	+25°	3.2dB	249°K	400620	+290 Hz
2022-03-13	Sunday	10:00	065°	+11°	0 dB	0°	065°	+11°	203°	+25°	3.2dB	247°K	400560	+299 Hz
2022-03-13	Sunday	10:30	070°	+15°	0 dB	0°	070°	+15°	210°	+25°	3.2dB	244°K	400500	+304 Hz
2022-03-13	Sunday	11:00	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	3.1dB	241°K	400439	+305 Hz
2022-03-13	Sunday	11:30	079°	+25°	0 dB	0°	079°	+25°	225°	+25°	3.1dB	238°K	400378	+302 Hz
2022-03-13	Sunday	12:00	084°	+30°	0 dB	0°	084°	+30°	232°	+25°	3.0dB	235°K	400316	+294 Hz
2022-03-13	Sunday	12:30	089°	+35°	0 dB	0°	089°	+35°	239°	+25°	3.0dB	232°K	400254	+281 Hz
2022-03-13	Sunday	13:00	095°	+40°	0 dB	0°	095°	+40°	246°	+25°	2.9dB	229°K	400191	+265 Hz
2022-03-13	Sunday	13:30	101°	+45°	0 dB	0°	101°	+45°	254°	+25°	2.9dB	226°K	400128	+245 Hz
2022-03-13	Sunday	14:00	107°	+50°	0 dB	0°	107°	+50°	261°	+25°	2.9dB	225°K	400065	+221 Hz
2022-03-13	Sunday	14:30	115°	+55°	0 dB	0°	115°	+55°	268°	+25°	2.8dB	224°K	400001	+194 Hz
2022-03-13	Sunday	15:00	124°	+59°	0 dB	0°	124°	+59°	275°	+25°	2.8dB	223°K	399937	+164 Hz
2022-03-13	Sunday	15:30	135°	+63°	0 dB	0°	135°	+63°	283°	+25°	2.8dB	222°K	399873	+132 Hz
2022-03-13	Sunday	16:00	149°	+66°	0 dB	0°	149°	+66°	290°	+25°	2.8dB	221°K	399808	+98 Hz
2022-03-13	Sunday	16:30	166°	+68°	0 dB	0°	166°	+68°	297°	+25°	2.8dB	220°K	399743	+63 Hz
2022-03-13	Sunday	17:00	184°	+69°	0 dB	0°	184°	+69°	304°	+25°	2.8dB	219°K	399677	+27 Hz
2022-03-13	Sunday	17:30	201°	+67°	0 dB	0°	201°	+67°	312°	+25°	2.7dB	218°K	399611	-9 Hz
2022-03-13	Sunday	18:00	217°	+65°	0 dB	0°	217°	+65°	319°	+25°	2.7dB	217°K	399545	-43 Hz
2022-03-13	Sunday	18:30	229°	+61°	0 dB	0°	229°	+61°	326°	+25°	2.7dB	216°K	399478	-77 Hz
2022-03-13	Sunday	19:00	239°	+57°	0 dB	0°	239°	+57°	333°	+25°	2.7dB	215°K	399411	-108 Hz
2022-03-13	Sunday	19:30	248°	+53°	0 dB	0°	248°	+53°	341°	+25°	2.7dB	214°K	399343	-138 Hz
2022-03-13	Sunday	20:00	255°	+48°	0 dB	0°	255°	+48°	348°	+25°	2.6dB	213°K	399275	-164 Hz
2022-03-13	Sunday	20:30	261°	+43°	0 dB	0°	261°	+43°	355°	+25°	2.6dB	213°K	399207	-187 Hz
2022-03-13	Sunday	21:00	267°	+38°	0 dB	0°	267°	+38°	2°	+25°	2.6dB	212°K	399138	-206 Hz
2022-03-13	Sunday	21:30	272°	+32°	0 dB	0°	272°	+32°	10°	+24°	2.6dB	211°K	399069	-221 Hz
2022-03-13	Sunday	22:00	277°	+27°	0 dB	0°	277°	+27°	17°	+24°	2.6dB	210°K	399000	-232 Hz
2022-03-13	Sunday	22:30	282°	+22°	0 dB	0°	282°	+22°	24°	+24°	2.6dB	209°K	398930	-239 Hz
2022-03-13	Sunday	23:00	286°	+17°	0 dB	0°	286°	+17°	31°	+24°	2.5dB	208°K	398860	-241 Hz
2022-03-13	Sunday	23:30	291°	+13°	0 dB	0°	291°	+13°	39°	+24°	2.5dB	207°K	398790	-239 Hz
2022-03-14	Monday	00:00	296°	+8°	0 dB	0°	296°	+8°	46°	+24°	2.5dB	206°K	398719	-232 Hz
2022-03-14	Monday	00:30	301°	+3°	0 dB	0°	301°	+3°	53°	+24°	2.5dB	205°K	398648	-221 Hz
2022-03-14	Monday	10:00	059°	+1°	0 dB	0°	059°	+1°	191°	+23°	2.1dB	187°K	397233	+294 Hz
2022-03-14	Monday	10:30	064°	+6°	0 dB	0°	064°	+6°	198°	+23°	2.1dB	186°K	397156	+306 Hz
2022-03-14	Monday	11:00	069°	+10°	0 dB	0°	069°	+10°	205°	+23°	2.1dB	185°K	397078	+315 Hz
2022-03-14	Monday	11:30	073°	+15°	0 dB	0°	073°	+15°	213°	+23°	2.1dB	184°K	397000	+318 Hz
2022-03-14	Monday	12:00	078°	+20°	0 dB	0°	078°	+20°	220°	+23°	2.0dB	183°K	396921	+318 Hz
2022-03-14	Monday	12:30	083°	+25°	0 dB	0°	083°	+25°	227°	+23°	2.0dB	182°K	396843	+313 Hz
2022-03-14	Monday	13:00	088°	+30°	0 dB	0°	088°	+30°	234°	+23°	2.0dB	181°K	396764	+303 Hz
2022-03-14	Monday	13:30	094°	+35°	0 dB	0°	094°	+35°	242°	+23°	2.0dB	180°K	396684	+290 Hz
2022-03-14	Monday	14:00	099°	+40°	0 dB	0°	099°	+40°	249°	+23°	1.9dB	179°K	396605	+272 Hz
2022-03-14	Monday	14:30	106°	+45°	0 dB	0°	106°	+45°	256°	+23°	1.9dB	178°K	396525	+250 Hz
2022-03-14	Monday	15:00	113°	+50°	0 dB	0°	113°	+50°	263°	+22°	1.9dB	178°K	396445	+224 Hz
2022-03-14	Monday	15:30	121°	+54°	0 dB	0°	121°	+54°	271°	+22°	1.9dB	177°K	396364	+195 Hz
2022-03-14	Monday	16:00	131°	+58°	0 dB	0°	131°	+58°	278°	+22°	1.9dB	176°K	396284	+164 Hz
2022-03-14	Monday	16:30	142°	+62°	0 dB	0°	142°	+62°	285°	+22°	1.9dB	175°K	396203	+130 Hz
2022-03-14	Monday	17:00	156°	+64°	0 dB	0°	156°	+64°	292°	+22°	1.8dB	174°K	396122	+95 Hz
2022-03-14	Monday	17:30	172°	+66°	0 dB	0°	172°	+66°	300°	+22°	1.8dB	174°K	396040	+59 Hz
2022-03-14	Monday	18:00	189°	+65°	0 dB	0°	189°	+65°	307°	+22°	1.8dB	174°K	395959	+22 Hz
2022-03-14	Monday	18:30	204°	+64°	0 dB	0°	204°	+64°	314°	+22°	1.8dB	174°K	395877	-14 Hz
2022-03-14	Monday	19:00	218°	+61°	0 dB	0°	218°	+61°	321°	+22°	1.8dB	175°K	395795	-49 Hz
2022-03-14	Monday	19:30	229°	+58°	0 dB	0°	229°	+58°	329°	+22°	1.8dB	175°K	395712	-83 Hz
2022-03-14	Monday	20:00	239°	+53°	0 dB	0°	239°	+53°	336°	+22°	1.8dB	175°K	395630	-115 Hz
2022-03-14	Monday	20:30	247°	+49°	0 dB	0°	247°	+49°	343°	+22°	1.8dB	176°K	395547	-144 Hz
2022-03-14	Monday	21:00	254°	+44°	0 dB	0°	254°	+44°	350°	+22°	1.8dB	176°K	395464	-170 Hz
2022-03-14	Monday	21:30	260°	+39°	0 dB	0°	260°	+39°	358°	+22°	1.8dB	176°K	395380	-192 Hz
2022-03-14	Monday	22:00	266°	+34°	0 dB	0°	266°	+34°	5°	+22°	1.9dB	177°K	395297	-210 Hz
2022-03-14	Monday	22:30	271°	+29°	0 dB	0°	271°	+29°	12°	+21°	1.9dB	177°K	395213	-224 Hz
2022-03-14	Monday	23:00	276°	+24°	0 dB	0°	276°	+24°	19°	+21°	1.8dB	177°K	395129	-234 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-14	Monday	23:30	281°	+19°	0 dB	0°	281°	+19°	27°	+21°	1.8dB	177°K	395045	-239 Hz
2022-03-15	Tuesday	00:00	286°	+14°	0 dB	0°	286°	+14°	34°	+21°	1.9dB	178°K	394960	-240 Hz
2022-03-15	Tuesday	00:30	291°	+9°	0 dB	0°	291°	+9°	41°	+21°	1.9dB	178°K	394876	-236 Hz
2022-03-15	Tuesday	01:00	295°	+4°	0 dB	0°	295°	+4°	48°	+21°	1.9dB	178°K	394791	-228 Hz
2022-03-15	Tuesday	01:30	301°	-0°	0 dB	0°	301°	-0°	56°	+21°	1.9dB	179°K	394706	-216 Hz
2022-03-15	Tuesday	11:00	063°	+0°	0 dB	0°	063°	+0°	194°	+19°	1.9dB	183°K	393053	+310 Hz
2022-03-15	Tuesday	11:30	068°	+5°	0 dB	0°	068°	+5°	201°	+19°	1.9dB	184°K	392964	+321 Hz
2022-03-15	Tuesday	12:00	073°	+10°	0 dB	0°	073°	+10°	208°	+19°	1.9dB	184°K	392876	+328 Hz
2022-03-15	Tuesday	12:30	078°	+14°	0 dB	0°	078°	+14°	215°	+19°	1.9dB	184°K	392787	+330 Hz
2022-03-15	Tuesday	13:00	083°	+19°	0 dB	0°	083°	+19°	223°	+19°	1.9dB	184°K	392697	+328 Hz
2022-03-15	Tuesday	13:30	088°	+24°	0 dB	0°	088°	+24°	230°	+19°	1.9dB	184°K	392608	+321 Hz
2022-03-15	Tuesday	14:00	093°	+29°	0 dB	0°	093°	+29°	237°	+19°	1.9dB	184°K	392519	+310 Hz
2022-03-15	Tuesday	14:30	099°	+34°	0 dB	0°	099°	+34°	244°	+19°	1.9dB	184°K	392429	+294 Hz
2022-03-15	Tuesday	15:00	105°	+39°	0 dB	0°	105°	+39°	252°	+19°	1.9dB	185°K	392340	+274 Hz
2022-03-15	Tuesday	15:30	112°	+44°	0 dB	0°	112°	+44°	259°	+19°	1.9dB	185°K	392250	+250 Hz
2022-03-15	Tuesday	16:00	120°	+48°	0 dB	0°	120°	+48°	266°	+19°	1.9dB	185°K	392160	+222 Hz
2022-03-15	Tuesday	16:30	128°	+53°	0 dB	0°	128°	+53°	273°	+19°	1.9dB	185°K	392070	+192 Hz
2022-03-15	Tuesday	17:00	139°	+56°	0 dB	0°	139°	+56°	281°	+18°	1.9dB	185°K	391980	+158 Hz
2022-03-15	Tuesday	17:30	151°	+59°	0 dB	0°	151°	+59°	288°	+18°	1.8dB	185°K	391890	+123 Hz
2022-03-15	Tuesday	18:00	164°	+61°	0 dB	0°	164°	+61°	295°	+18°	1.9dB	186°K	391800	+86 Hz
2022-03-15	Tuesday	18:30	179°	+62°	0 dB	0°	179°	+62°	302°	+18°	1.9dB	186°K	391709	+49 Hz
2022-03-15	Tuesday	19:00	193°	+61°	0 dB	0°	193°	+61°	310°	+18°	1.9dB	186°K	391619	+11 Hz
2022-03-15	Tuesday	19:30	207°	+59°	0 dB	0°	207°	+59°	317°	+18°	1.8dB	186°K	391528	-26 Hz
2022-03-15	Tuesday	20:00	219°	+56°	0 dB	0°	219°	+56°	324°	+18°	1.8dB	186°K	391437	-61 Hz
2022-03-15	Tuesday	20:30	229°	+53°	0 dB	0°	229°	+53°	331°	+18°	1.8dB	186°K	391347	-95 Hz
2022-03-15	Tuesday	21:00	238°	+49°	0 dB	0°	238°	+49°	339°	+18°	1.8dB	186°K	391256	-127 Hz
2022-03-15	Tuesday	21:30	246°	+44°	0 dB	0°	246°	+44°	346°	+18°	1.9dB	187°K	391165	-156 Hz
2022-03-15	Tuesday	22:00	253°	+39°	0 dB	0°	253°	+39°	353°	+18°	1.8dB	187°K	391074	-181 Hz
2022-03-15	Tuesday	22:30	259°	+34°	0 dB	0°	259°	+34°	0°	+17°	1.8dB	187°K	390982	-202 Hz
2022-03-15	Tuesday	23:00	264°	+29°	0 dB	0°	264°	+29°	8°	+17°	1.9dB	188°K	390891	-220 Hz
2022-03-15	Tuesday	23:30	270°	+24°	0 dB	0°	270°	+24°	15°	+17°	1.9dB	188°K	390800	-232 Hz
2022-03-16	Wednesday	00:00	275°	+19°	0 dB	0°	275°	+19°	22°	+17°	1.8dB	188°K	390709	-241 Hz
2022-03-16	Wednesday	00:30	280°	+14°	0 dB	0°	280°	+14°	29°	+17°	1.8dB	188°K	390617	-244 Hz
2022-03-16	Wednesday	01:00	285°	+9°	0 dB	0°	285°	+9°	37°	+17°	1.9dB	189°K	390526	-243 Hz
2022-03-16	Wednesday	01:30	290°	+4°	0 dB	0°	290°	+4°	44°	+17°	1.9dB	189°K	390434	-238 Hz
2022-03-16	Wednesday	12:30	073°	+3°	0 dB	0°	073°	+3°	204°	+15°	1.9dB	196°K	388409	+332 Hz
2022-03-16	Wednesday	13:00	078°	+8°	0 dB	0°	078°	+8°	211°	+15°	1.9dB	196°K	388317	+337 Hz
2022-03-16	Wednesday	13:30	084°	+13°	0 dB	0°	084°	+13°	218°	+14°	1.9dB	196°K	388225	+337 Hz
2022-03-16	Wednesday	14:00	089°	+18°	0 dB	0°	089°	+18°	226°	+14°	1.9dB	197°K	388132	+333 Hz
2022-03-16	Wednesday	14:30	094°	+23°	0 dB	0°	094°	+23°	233°	+14°	1.9dB	197°K	388040	+324 Hz
2022-03-16	Wednesday	15:00	100°	+28°	0 dB	0°	100°	+28°	240°	+14°	1.9dB	197°K	387948	+310 Hz
2022-03-16	Wednesday	15:30	106°	+33°	0 dB	0°	106°	+33°	247°	+14°	1.9dB	197°K	387856	+292 Hz
2022-03-16	Wednesday	16:00	112°	+38°	0 dB	0°	112°	+38°	255°	+14°	1.9dB	198°K	387764	+270 Hz
2022-03-16	Wednesday	16:30	119°	+42°	0 dB	0°	119°	+42°	262°	+14°	1.9dB	198°K	387672	+243 Hz
2022-03-16	Wednesday	17:00	128°	+46°	0 dB	0°	128°	+46°	269°	+14°	1.9dB	198°K	387580	+214 Hz
2022-03-16	Wednesday	17:30	137°	+50°	0 dB	0°	137°	+50°	276°	+14°	1.9dB	199°K	387487	+181 Hz
2022-03-16	Wednesday	18:00	147°	+53°	0 dB	0°	147°	+53°	284°	+14°	1.9dB	199°K	387395	+146 Hz
2022-03-16	Wednesday	18:30	159°	+55°	0 dB	0°	159°	+55°	291°	+13°	1.9dB	199°K	387304	+109 Hz
2022-03-16	Wednesday	19:00	171°	+57°	0 dB	0°	171°	+57°	298°	+13°	1.9dB	199°K	387212	+71 Hz
2022-03-16	Wednesday	19:30	184°	+57°	0 dB	0°	184°	+57°	305°	+13°	1.9dB	200°K	387120	+32 Hz
2022-03-16	Wednesday	20:00	197°	+56°	0 dB	0°	197°	+56°	313°	+13°	1.9dB	200°K	387028	-6 Hz
2022-03-16	Wednesday	20:30	209°	+53°	0 dB	0°	209°	+53°	320°	+13°	1.9dB	200°K	386936	-44 Hz
2022-03-16	Wednesday	21:00	220°	+50°	0 dB	0°	220°	+50°	327°	+13°	1.9dB	201°K	386844	-80 Hz
2022-03-16	Wednesday	21:30	229°	+47°	0 dB	0°	229°	+47°	335°	+13°	1.9dB	201°K	386753	-114 Hz
2022-03-16	Wednesday	22:00	237°	+43°	0 dB	0°	237°	+43°	342°	+13°	1.9dB	201°K	386661	-145 Hz
2022-03-16	Wednesday	22:30	244°	+38°	0 dB	0°	244°	+38°	349°	+13°	1.9dB	202°K	386569	-173 Hz
2022-03-16	Wednesday	23:00	251°	+33°	0 dB	0°	251°	+33°	356°	+12°	1.9dB	202°K	386478	-197 Hz
2022-03-16	Wednesday	23:30	257°	+28°	0 dB	0°	257°	+28°	4°	+12°	1.9dB	202°K	386386	-217 Hz
2022-03-17	Thursday	00:00	263°	+23°	0 dB	0°	263°	+23°	11°	+12°	1.9dB	202°K	386295	-233 Hz
2022-03-17	Thursday	00:30	268°	+18°	0 dB	0°	268°	+18°	18°	+12°	1.9dB	203°K	386204	-244 Hz
2022-03-17	Thursday	01:00	273°	+13°	0 dB	0°	273°	+13°	25°	+12°	1.9dB	203°K	386112	-250 Hz
2022-03-17	Thursday	01:30	278°	+8°	0 dB	0°	278°	+8°	33°	+12°	1.9dB	203°K	386021	-252 Hz
2022-03-17	Thursday	02:00	283°	+3°	0 dB	0°	283°	+3°	40°	+12°	1.9dB	204°K	385930	-249 Hz
2022-03-17	Thursday	13:30	079°	+2°	0 dB	0°	079°	+2°	207°	+9°	1.9dB	210°K	383864	+337 Hz
2022-03-17	Thursday	14:00	085°	+6°	0 dB	0°	085°	+6°	214°	+9°	1.9dB	211°K	383775	+340 Hz
2022-03-17	Thursday	14:30	090°	+11°	0 dB	0°	090°	+11°	222°	+9°	1.9dB	211°K	383687	+338 Hz

Moon Data for TODD GRIGSBY in Locator : N85L x on 144 MHz with TODD GRIGSBY in Locator : N85L x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-03-17	Thursday	15:00	095°	+16°	0 dB	0°	095°	+16°	229°	+9°	1.9dB	211°K	383599 +331 Hz
2022-03-17	Thursday	15:30	101°	+21°	0 dB	0°	101°	+21°	236°	+9°	1.9dB	212°K	383511 +320 Hz
2022-03-17	Thursday	16:00	107°	+26°	0 dB	0°	107°	+26°	243°	+9°	1.9dB	212°K	383423 +304 Hz
2022-03-17	Thursday	16:30	113°	+31°	0 dB	0°	113°	+31°	251°	+8°	1.9dB	212°K	383335 +283 Hz
2022-03-17	Thursday	17:00	120°	+35°	0 dB	0°	120°	+35°	258°	+8°	1.9dB	212°K	383248 +258 Hz
2022-03-17	Thursday	17:30	127°	+39°	0 dB	0°	127°	+39°	265°	+8°	1.9dB	213°K	383161 +230 Hz
2022-03-17	Thursday	18:00	136°	+43°	0 dB	0°	136°	+43°	272°	+8°	2.0dB	215°K	383074 +198 Hz
2022-03-17	Thursday	18:30	145°	+46°	0 dB	0°	145°	+46°	280°	+8°	2.0dB	216°K	382987 +163 Hz
2022-03-17	Thursday	19:00	155°	+49°	0 dB	0°	155°	+49°	287°	+8°	2.0dB	218°K	382900 +127 Hz
2022-03-17	Thursday	19:30	166°	+50°	0 dB	0°	166°	+50°	294°	+8°	2.0dB	220°K	382813 +88 Hz
2022-03-17	Thursday	20:00	178°	+51°	0 dB	0°	178°	+51°	302°	+8°	2.0dB	221°K	382727 +49 Hz
2022-03-17	Thursday	20:30	189°	+51°	0 dB	0°	189°	+51°	309°	+7°	2.1dB	223°K	382640 +10 Hz
2022-03-17	Thursday	21:00	200°	+49°	0 dB	0°	200°	+49°	316°	+7°	2.1dB	224°K	382554 -29 Hz
2022-03-17	Thursday	21:30	211°	+47°	0 dB	0°	211°	+47°	323°	+7°	2.1dB	226°K	382468 -66 Hz
2022-03-17	Thursday	22:00	220°	+44°	0 dB	0°	220°	+44°	331°	+7°	2.1dB	228°K	382383 -102 Hz
2022-03-17	Thursday	22:30	229°	+40°	0 dB	0°	229°	+40°	338°	+7°	2.1dB	229°K	382297 -135 Hz
2022-03-17	Thursday	23:00	236°	+36°	0 dB	0°	236°	+36°	345°	+7°	2.2dB	231°K	382212 -165 Hz
2022-03-17	Thursday	23:30	243°	+31°	0 dB	0°	243°	+31°	352°	+7°	2.2dB	232°K	382126 -192 Hz
2022-03-18	Fri day	00:00	249°	+27°	0 dB	0°	249°	+27°	360°	+7°	2.2dB	234°K	382041 -214 Hz
2022-03-18	Fri day	00:30	255°	+22°	0 dB	0°	255°	+22°	7°	+6°	2.2dB	236°K	381956 -233 Hz
2022-03-18	Fri day	01:00	261°	+17°	0 dB	0°	261°	+17°	14°	+6°	2.2dB	237°K	381872 -246 Hz
2022-03-18	Fri day	01:30	266°	+12°	0 dB	0°	266°	+12°	21°	+6°	2.3dB	239°K	381787 -255 Hz
2022-03-18	Fri day	02:00	271°	+6°	0 dB	0°	271°	+6°	29°	+6°	2.3dB	241°K	381703 -260 Hz
2022-03-18	Fri day	02:30	276°	+1°	0 dB	0°	276°	+1°	36°	+6°	2.3dB	242°K	381619 -259 Hz
2022-03-18	Fri day	15:00	091°	+4°	0 dB	0°	091°	+4°	218°	+3°	2.8dB	284°K	379590 +336 Hz
2022-03-18	Fri day	15:30	097°	+9°	0 dB	0°	097°	+9°	225°	+3°	2.8dB	286°K	379512 +332 Hz
2022-03-18	Fri day	16:00	102°	+14°	0 dB	0°	102°	+14°	232°	+3°	2.8dB	288°K	379434 +323 Hz
2022-03-18	Fri day	16:30	108°	+19°	0 dB	0°	108°	+19°	240°	+2°	2.8dB	290°K	379356 +309 Hz
2022-03-18	Fri day	17:00	114°	+24°	0 dB	0°	114°	+24°	247°	+2°	2.8dB	291°K	379279 +290 Hz
2022-03-18	Fri day	17:30	121°	+28°	0 dB	0°	121°	+28°	254°	+2°	2.9dB	293°K	379202 +267 Hz
2022-03-18	Fri day	18:00	128°	+32°	0 dB	0°	128°	+32°	261°	+2°	2.9dB	295°K	379125 +240 Hz
2022-03-18	Fri day	18:30	135°	+36°	0 dB	0°	135°	+36°	269°	+2°	2.9dB	297°K	379048 +210 Hz
2022-03-18	Fri day	19:00	144°	+39°	0 dB	0°	144°	+39°	276°	+2°	2.9dB	298°K	378972 +176 Hz
2022-03-18	Fri day	19:30	153°	+42°	0 dB	0°	153°	+42°	283°	+2°	2.9dB	300°K	378896 +140 Hz
2022-03-18	Fri day	20:00	162°	+44°	0 dB	0°	162°	+44°	290°	+2°	3.0dB	302°K	378820 +103 Hz
2022-03-18	Fri day	20:30	172°	+45°	0 dB	0°	172°	+45°	298°	+1°	3.0dB	304°K	378745 +64 Hz
2022-03-18	Fri day	21:00	183°	+45°	0 dB	0°	183°	+45°	305°	+1°	3.0dB	306°K	378670 +24 Hz
2022-03-18	Fri day	21:30	193°	+44°	0 dB	0°	193°	+44°	312°	+1°	3.0dB	307°K	378595 -15 Hz
2022-03-18	Fri day	22:00	203°	+42°	0 dB	0°	203°	+42°	319°	+1°	3.0dB	309°K	378520 -54 Hz
2022-03-18	Fri day	22:30	212°	+40°	0 dB	0°	212°	+40°	327°	+1°	3.0dB	311°K	378446 -91 Hz
2022-03-18	Fri day	23:00	220°	+37°	0 dB	0°	220°	+37°	334°	+1°	3.1dB	313°K	378371 -125 Hz
2022-03-18	Fri day	23:30	228°	+33°	0 dB	0°	228°	+33°	341°	+1°	3.1dB	313°K	378298 -157 Hz
2022-03-19	Saturday	00:00	235°	+29°	0 dB	0°	235°	+29°	349°	+1°	3.1dB	313°K	378224 -186 Hz
2022-03-19	Saturday	00:30	242°	+24°	0 dB	0°	242°	+24°	356°	+0°	3.1dB	313°K	378151 -211 Hz
2022-03-19	Saturday	01:00	248°	+20°	0 dB	0°	248°	+20°	3°	+0°	3.1dB	313°K	378078 -231 Hz
2022-03-19	Saturday	01:30	253°	+15°	0 dB	0°	253°	+15°	10°	+0°	3.0dB	313°K	378005 -247 Hz
2022-03-19	Saturday	02:00	259°	+10°	0 dB	0°	259°	+10°	18°	+0°	3.0dB	313°K	377933 -259 Hz
2022-03-19	Saturday	02:30	264°	+5°	0 dB	0°	264°	+5°	25°	-0°	3.0dB	313°K	377860 -265 Hz
2022-03-19	Saturday	03:00	269°	-0°	0 dB	0°	269°	-0°	32°	-0°	3.0dB	313°K	377789 -267 Hz
2022-03-19	Saturday	16:00	098°	+2°	0 dB	0°	098°	+2°	221°	-4°	2.9dB	311°K	376025 +325 Hz
2022-03-19	Saturday	16:30	104°	+7°	0 dB	0°	104°	+7°	228°	-4°	2.9dB	311°K	375962 +319 Hz
2022-03-19	Saturday	17:00	109°	+12°	0 dB	0°	109°	+12°	236°	-4°	2.9dB	311°K	375898 +307 Hz
2022-03-19	Saturday	17:30	115°	+16°	0 dB	0°	115°	+16°	243°	-4°	2.9dB	310°K	375835 +291 Hz
2022-03-19	Saturday	18:00	121°	+21°	0 dB	0°	121°	+21°	250°	-4°	2.9dB	310°K	375773 +271 Hz
2022-03-19	Saturday	18:30	128°	+25°	0 dB	0°	128°	+25°	257°	-4°	2.9dB	310°K	375710 +246 Hz
2022-03-19	Saturday	19:00	135°	+28°	0 dB	0°	135°	+28°	265°	-4°	2.9dB	310°K	375648 +217 Hz
2022-03-19	Saturday	19:30	142°	+32°	0 dB	0°	142°	+32°	272°	-4°	2.9dB	309°K	375587 +186 Hz
2022-03-19	Saturday	20:00	150°	+34°	0 dB	0°	150°	+34°	279°	-5°	2.9dB	309°K	375525 +151 Hz
2022-03-19	Saturday	20:30	159°	+36°	0 dB	0°	159°	+36°	286°	-5°	2.9dB	309°K	375464 +115 Hz
2022-03-19	Saturday	21:00	168°	+38°	0 dB	0°	168°	+38°	294°	-5°	2.9dB	308°K	375403 +76 Hz
2022-03-19	Saturday	21:30	177°	+38°	0 dB	0°	177°	+38°	301°	-5°	2.9dB	308°K	375343 +37 Hz
2022-03-19	Saturday	22:00	187°	+38°	0 dB	0°	187°	+38°	308°	-5°	2.9dB	308°K	375283 -2 Hz
2022-03-19	Saturday	22:30	196°	+37°	0 dB	0°	196°	+37°	315°	-5°	2.8dB	307°K	375223 -40 Hz
2022-03-19	Saturday	23:00	204°	+35°	0 dB	0°	204°	+35°	323°	-5°	2.8dB	307°K	375164 -78 Hz
2022-03-19	Saturday	23:30	213°	+32°	0 dB	0°	213°	+32°	330°	-5°	2.8dB	307°K	375105 -113 Hz
2022-03-20	Sunday	00:00	220°	+29°	0 dB	0°	220°	+29°	337°	-6°	2.8dB	307°K	375046 -147 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-03-20	Sunday	00:30	227°	+26°	0 dB	0°	227°	+26°	344°	-6°	2.8dB	306°K	374987 -177 Hz
2022-03-20	Sunday	01:00	234°	+22°	0 dB	0°	234°	+22°	352°	-6°	2.8dB	306°K	374929 -203 Hz
2022-03-20	Sunday	01:30	240°	+17°	0 dB	0°	240°	+17°	359°	-6°	2.8dB	306°K	374872 -226 Hz
2022-03-20	Sunday	02:00	246°	+13°	0 dB	0°	246°	+13°	6°	-6°	2.8dB	305°K	374814 -244 Hz
2022-03-20	Sunday	02:30	251°	+8°	0 dB	0°	251°	+8°	13°	-6°	2.8dB	305°K	374757 -258 Hz
2022-03-20	Sunday	03:00	257°	+3°	0 dB	0°	257°	+3°	21°	-6°	2.8dB	305°K	374700 -267 Hz
2022-03-20	Sunday	17:30	110°	+4°	0 dB	0°	110°	+4°	231°	-10°	3.0dB	325°K	373200 +301 Hz
2022-03-20	Sunday	18:00	116°	+9°	0 dB	0°	116°	+9°	238°	-10°	3.0dB	325°K	373153 +288 Hz
2022-03-20	Sunday	18:30	121°	+13°	0 dB	0°	121°	+13°	246°	-10°	3.0dB	326°K	373107 +270 Hz
2022-03-20	Sunday	19:00	127°	+17°	0 dB	0°	127°	+17°	253°	-10°	3.0dB	328°K	373061 +248 Hz
2022-03-20	Sunday	19:30	134°	+21°	0 dB	0°	134°	+21°	260°	-10°	3.0dB	329°K	373015 +222 Hz
2022-03-20	Sunday	20:00	141°	+24°	0 dB	0°	141°	+24°	267°	-11°	3.0dB	330°K	372970 +193 Hz
2022-03-20	Sunday	20:30	148°	+27°	0 dB	0°	148°	+27°	275°	-11°	3.0dB	331°K	372925 +161 Hz
2022-03-20	Sunday	21:00	156°	+29°	0 dB	0°	156°	+29°	282°	-11°	3.0dB	333°K	372880 +126 Hz
2022-03-20	Sunday	21:30	164°	+31°	0 dB	0°	164°	+31°	289°	-11°	3.0dB	334°K	372836 +90 Hz
2022-03-20	Sunday	22:00	172°	+32°	0 dB	0°	172°	+32°	296°	-11°	3.1dB	335°K	372792 +52 Hz
2022-03-20	Sunday	22:30	181°	+32°	0 dB	0°	181°	+32°	304°	-11°	3.1dB	336°K	372749 +13 Hz
2022-03-20	Sunday	23:00	189°	+31°	0 dB	0°	189°	+31°	311°	-11°	3.1dB	338°K	372705 -25 Hz
2022-03-20	Sunday	23:30	197°	+30°	0 dB	0°	197°	+30°	318°	-11°	3.1dB	339°K	372662 -62 Hz
2022-03-21	Monday	00:00	205°	+28°	0 dB	0°	205°	+28°	325°	-12°	3.1dB	340°K	372620 -98 Hz
2022-03-21	Monday	00:30	213°	+26°	0 dB	0°	213°	+26°	333°	-12°	3.1dB	341°K	372578 -132 Hz
2022-03-21	Monday	01:00	220°	+22°	0 dB	0°	220°	+22°	340°	-12°	3.1dB	343°K	372536 -163 Hz
2022-03-21	Monday	01:30	226°	+19°	0 dB	0°	226°	+19°	347°	-12°	3.1dB	344°K	372494 -191 Hz
2022-03-21	Monday	02:00	233°	+15°	0 dB	0°	233°	+15°	354°	-12°	3.1dB	345°K	372453 -216 Hz
2022-03-21	Monday	02:30	238°	+11°	0 dB	0°	238°	+11°	2°	-12°	3.2dB	346°K	372412 -236 Hz
2022-03-21	Monday	03:00	244°	+6°	0 dB	0°	244°	+6°	9°	-12°	3.2dB	348°K	372372 -252 Hz
2022-03-21	Monday	03:30	249°	+1°	0 dB	0°	249°	+1°	16°	-12°	3.2dB	349°K	372331 -264 Hz
2022-03-21	Monday	18:30	116°	+1°	0 dB	0°	116°	+1°	233°	-16°	3.5dB	384°K	371281 +281 Hz
2022-03-21	Monday	19:00	121°	+5°	0 dB	0°	121°	+5°	241°	-16°	3.5dB	386°K	371251 +267 Hz
2022-03-21	Monday	19:30	127°	+10°	0 dB	0°	127°	+10°	248°	-16°	3.5dB	387°K	371222 +248 Hz
2022-03-21	Monday	20:00	133°	+13°	0 dB	0°	133°	+13°	255°	-16°	3.5dB	388°K	371193 +226 Hz
2022-03-21	Monday	20:30	139°	+17°	0 dB	0°	139°	+17°	262°	-16°	3.5dB	389°K	371164 +200 Hz
2022-03-21	Monday	21:00	146°	+20°	0 dB	0°	146°	+20°	270°	-16°	3.5dB	390°K	371135 +170 Hz
2022-03-21	Monday	21:30	153°	+22°	0 dB	0°	153°	+22°	277°	-16°	3.6dB	391°K	371107 +138 Hz
2022-03-21	Monday	22:00	160°	+24°	0 dB	0°	160°	+24°	284°	-17°	3.6dB	392°K	371079 +104 Hz
2022-03-21	Monday	22:30	167°	+26°	0 dB	0°	167°	+26°	291°	-17°	3.6dB	393°K	371051 +68 Hz
2022-03-21	Monday	23:00	175°	+26°	0 dB	0°	175°	+26°	299°	-17°	3.6dB	394°K	371024 +32 Hz
2022-03-21	Monday	23:30	183°	+26°	0 dB	0°	183°	+26°	306°	-17°	3.6dB	395°K	370997 -5 Hz
2022-03-22	Tuesday	00:00	191°	+25°	0 dB	0°	191°	+25°	313°	-17°	3.6dB	396°K	370970 -42 Hz
2022-03-22	Tuesday	00:30	198°	+24°	0 dB	0°	198°	+24°	320°	-17°	3.6dB	397°K	370944 -78 Hz
2022-03-22	Tuesday	01:00	205°	+22°	0 dB	0°	205°	+22°	327°	-17°	3.6dB	398°K	370918 -112 Hz
2022-03-22	Tuesday	01:30	212°	+20°	0 dB	0°	212°	+20°	335°	-17°	3.6dB	399°K	370892 -144 Hz
2022-03-22	Tuesday	02:00	219°	+17°	0 dB	0°	219°	+17°	342°	-17°	3.6dB	400°K	370867 -173 Hz
2022-03-22	Tuesday	02:30	225°	+13°	0 dB	0°	225°	+13°	349°	-18°	3.6dB	401°K	370842 -200 Hz
2022-03-22	Tuesday	03:00	231°	+9°	0 dB	0°	231°	+9°	356°	-18°	3.6dB	402°K	370817 -222 Hz
2022-03-22	Tuesday	03:30	237°	+5°	0 dB	0°	237°	+5°	4°	-18°	3.7dB	403°K	370792 -241 Hz
2022-03-22	Tuesday	04:00	242°	+1°	0 dB	0°	242°	+1°	11°	-18°	3.7dB	404°K	370768 -255 Hz
2022-03-22	Tuesday	20:00	125°	+2°	0 dB	0°	125°	+2°	242°	-21°	4.2dB	464°K	370156 +248 Hz
2022-03-22	Tuesday	20:30	131°	+6°	0 dB	0°	131°	+6°	249°	-21°	4.2dB	467°K	370142 +229 Hz
2022-03-22	Tuesday	21:00	136°	+10°	0 dB	0°	136°	+10°	256°	-21°	4.2dB	469°K	370128 +207 Hz
2022-03-22	Tuesday	21:30	142°	+13°	0 dB	0°	142°	+13°	264°	-21°	4.2dB	472°K	370114 +181 Hz
2022-03-22	Tuesday	22:00	149°	+16°	0 dB	0°	149°	+16°	271°	-21°	4.2dB	474°K	370101 +152 Hz
2022-03-22	Tuesday	22:30	155°	+18°	0 dB	0°	155°	+18°	278°	-21°	4.3dB	476°K	370087 +121 Hz
2022-03-22	Tuesday	23:00	162°	+20°	0 dB	0°	162°	+20°	285°	-21°	4.3dB	480°K	370075 +88 Hz
2022-03-22	Tuesday	23:30	170°	+21°	0 dB	0°	170°	+21°	293°	-21°	4.3dB	485°K	370062 +53 Hz
2022-03-23	Wednesday	00:00	177°	+21°	0 dB	0°	177°	+21°	300°	-22°	4.4dB	491°K	370050 +18 Hz
2022-03-23	Wednesday	00:30	184°	+21°	0 dB	0°	184°	+21°	307°	-22°	4.4dB	496°K	370038 -18 Hz
2022-03-23	Wednesday	01:00	191°	+21°	0 dB	0°	191°	+21°	314°	-22°	4.4dB	501°K	370026 -53 Hz
2022-03-23	Wednesday	01:30	198°	+19°	0 dB	0°	198°	+19°	321°	-22°	4.5dB	506°K	370015 -87 Hz
2022-03-23	Wednesday	02:00	205°	+17°	0 dB	0°	205°	+17°	329°	-22°	4.5dB	512°K	370003 -120 Hz
2022-03-23	Wednesday	02:30	211°	+15°	0 dB	0°	211°	+15°	336°	-22°	4.6dB	517°K	369992 -150 Hz
2022-03-23	Wednesday	03:00	218°	+12°	0 dB	0°	218°	+12°	343°	-22°	4.6dB	522°K	369982 -178 Hz
2022-03-23	Wednesday	03:30	224°	+9°	0 dB	0°	224°	+9°	350°	-22°	4.7dB	528°K	369971 -203 Hz
2022-03-23	Wednesday	04:00	229°	+5°	0 dB	0°	229°	+5°	357°	-22°	4.7dB	533°K	369961 -224 Hz
2022-03-23	Wednesday	04:30	235°	+1°	0 dB	0°	235°	+1°	5°	-22°	4.7dB	539°K	369952 -241 Hz
2022-03-23	Wednesday	21:00	128°	-0°	0 dB	0°	128°	-0°	243°	-25°	6.4dB	829°K	369774 +233 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-03-23	Wednesday21:30	133°	+4°	0 dB	0°	133°	+4°	250°	-25°	6.5dB	840°K	369773	+215 Hz
2022-03-23	Wednesday22:00	139°	+7°	0 dB	0°	139°	+7°	257°	-25°	6.5dB	851°K	369772	+194 Hz
2022-03-23	Wednesday22:30	144°	+10°	0 dB	0°	144°	+10°	264°	-25°	6.6dB	862°K	369772	+169 Hz
2022-03-23	Wednesday23:00	151°	+13°	0 dB	0°	151°	+13°	271°	-25°	6.7dB	880°K	369771	+141 Hz
2022-03-23	Wednesday23:30	157°	+15°	0 dB	0°	157°	+15°	279°	-25°	6.8dB	911°K	369771	+110 Hz
2022-03-24	Thursday00:00	164°	+16°	0 dB	0°	164°	+16°	286°	-25°	7.0dB	943°K	369771	+78 Hz
2022-03-24	Thursday00:30	170°	+18°	0 dB	0°	170°	+18°	293°	-25°	7.1dB	975°K	369772	+45 Hz
2022-03-24	Thursday01:00	177°	+18°	0 dB	0°	177°	+18°	300°	-25°	7.2dB	1006°K	369772	+10 Hz
2022-03-24	Thursday01:30	184°	+18°	0 dB	0°	184°	+18°	307°	-25°	7.4dB	1038°K	369773	-24 Hz
2022-03-24	Thursday02:00	191°	+17°	0 dB	0°	191°	+17°	315°	-25°	7.5dB	1070°K	369774	-58 Hz
2022-03-24	Thursday02:30	198°	+16°	0 dB	0°	198°	+16°	322°	-25°	7.6dB	1101°K	369776	-91 Hz
2022-03-24	Thursday03:00	204°	+14°	0 dB	0°	204°	+14°	329°	-25°	7.7dB	1133°K	369777	-123 Hz
2022-03-24	Thursday03:30	210°	+12°	0 dB	0°	210°	+12°	336°	-25°	7.8dB	1165°K	369779	-152 Hz
2022-03-24	Thursday04:00	216°	+9°	0 dB	0°	216°	+9°	343°	-25°	7.9dB	1197°K	369781	-179 Hz
2022-03-24	Thursday04:30	222°	+6°	0 dB	0°	222°	+6°	350°	-25°	8.0dB	1228°K	369783	-203 Hz
2022-03-24	Thursday05:00	228°	+2°	0 dB	0°	228°	+2°	358°	-25°	8.2dB	1260°K	369785	-223 Hz
2022-03-24	Thursday22:30	134°	+2°	0 dB	0°	134°	+2°	249°	-27°	12.1dB	3243°K	370011	+208 Hz
2022-03-24	Thursday23:00	139°	+5°	0 dB	0°	139°	+5°	257°	-27°	12.1dB	3190°K	370022	+186 Hz
2022-03-24	Thursday23:30	145°	+8°	0 dB	0°	145°	+8°	264°	-27°	12.0dB	3136°K	370032	+162 Hz
2022-03-25	Friday00:00	151°	+11°	0 dB	0°	151°	+11°	271°	-27°	11.9dB	3083°K	370043	+135 Hz
2022-03-25	Friday00:30	157°	+13°	0 dB	0°	157°	+13°	278°	-27°	11.9dB	3029°K	370054	+106 Hz
2022-03-25	Friday01:00	164°	+15°	0 dB	0°	164°	+15°	285°	-27°	11.8dB	2976°K	370065	+74 Hz
2022-03-25	Friday01:30	170°	+16°	0 dB	0°	170°	+16°	293°	-27°	11.7dB	2923°K	370076	+41 Hz
2022-03-25	Friday02:00	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	11.6dB	2869°K	370088	+8 Hz
2022-03-25	Friday02:30	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	11.6dB	2816°K	370100	-26 Hz
2022-03-25	Friday03:00	190°	+16°	0 dB	0°	190°	+16°	314°	-27°	11.5dB	2762°K	370112	-60 Hz
2022-03-25	Friday03:30	197°	+14°	0 dB	0°	197°	+14°	321°	-27°	11.4dB	2708°K	370124	-92 Hz
2022-03-25	Friday04:00	203°	+13°	0 dB	0°	203°	+13°	329°	-27°	11.3dB	2655°K	370136	-123 Hz
2022-03-25	Friday04:30	210°	+10°	0 dB	0°	210°	+10°	336°	-27°	11.2dB	2601°K	370149	-152 Hz
2022-03-25	Friday05:00	215°	+8°	0 dB	0°	215°	+8°	343°	-27°	11.1dB	2548°K	370162	-179 Hz
2022-03-25	Friday05:30	221°	+5°	0 dB	0°	221°	+5°	350°	-27°	11.0dB	2494°K	370175	-203 Hz
2022-03-25	Friday06:00	227°	+1°	0 dB	0°	227°	+1°	357°	-27°	10.9dB	2441°K	370188	-223 Hz
2022-03-25	Friday23:30	134°	+2°	0 dB	0°	134°	+2°	249°	-27°	6.3dB	784°K	370775	+205 Hz
2022-03-26	Saturday00:00	139°	+5°	0 dB	0°	139°	+5°	256°	-27°	6.2dB	768°K	370796	+184 Hz
2022-03-26	Saturday00:30	145°	+8°	0 dB	0°	145°	+8°	263°	-27°	6.1dB	753°K	370816	+160 Hz
2022-03-26	Saturday01:00	151°	+11°	0 dB	0°	151°	+11°	271°	-27°	6.0dB	738°K	370837	+134 Hz
2022-03-26	Saturday01:30	157°	+13°	0 dB	0°	157°	+13°	278°	-27°	5.9dB	723°K	370858	+104 Hz
2022-03-26	Saturday02:00	163°	+15°	0 dB	0°	163°	+15°	285°	-26°	5.9dB	708°K	370879	+73 Hz
2022-03-26	Saturday02:30	170°	+16°	0 dB	0°	170°	+16°	292°	-26°	5.8dB	692°K	370900	+40 Hz
2022-03-26	Saturday03:00	177°	+17°	0 dB	0°	177°	+17°	299°	-26°	5.7dB	677°K	370922	+7 Hz
2022-03-26	Saturday03:30	183°	+17°	0 dB	0°	183°	+17°	307°	-26°	5.6dB	662°K	370943	-27 Hz
2022-03-26	Saturday04:00	190°	+16°	0 dB	0°	190°	+16°	314°	-26°	5.5dB	647°K	370965	-61 Hz
2022-03-26	Saturday04:30	197°	+15°	0 dB	0°	197°	+15°	321°	-26°	5.4dB	632°K	370987	-94 Hz
2022-03-26	Saturday05:00	203°	+13°	0 dB	0°	203°	+13°	328°	-26°	5.3dB	617°K	371010	-125 Hz
2022-03-26	Saturday05:30	209°	+11°	0 dB	0°	209°	+11°	335°	-26°	5.2dB	601°K	371032	-155 Hz
2022-03-26	Saturday06:00	215°	+8°	0 dB	0°	215°	+8°	343°	-26°	5.1dB	586°K	371055	-182 Hz
2022-03-26	Saturday06:30	221°	+5°	0 dB	0°	221°	+5°	350°	-26°	5.0dB	571°K	371078	-206 Hz
2022-03-26	Saturday07:00	227°	+2°	0 dB	0°	227°	+2°	357°	-26°	4.9dB	556°K	371101	-227 Hz
2022-03-27	Sunday00:30	133°	+3°	0 dB	0°	133°	+3°	249°	-25°	3.2dB	352°K	372031	+206 Hz
2022-03-27	Sunday01:00	138°	+7°	0 dB	0°	138°	+7°	256°	-25°	3.2dB	350°K	372061	+185 Hz
2022-03-27	Sunday01:30	144°	+10°	0 dB	0°	144°	+10°	263°	-25°	3.2dB	348°K	372091	+161 Hz
2022-03-27	Sunday02:00	150°	+13°	0 dB	0°	150°	+13°	271°	-25°	3.1dB	346°K	372122	+133 Hz
2022-03-27	Sunday02:30	156°	+15°	0 dB	0°	156°	+15°	278°	-25°	3.1dB	345°K	372152	+104 Hz
2022-03-27	Sunday03:00	163°	+17°	0 dB	0°	163°	+17°	285°	-25°	3.1dB	343°K	372183	+72 Hz
2022-03-27	Sunday03:30	170°	+18°	0 dB	0°	170°	+18°	292°	-24°	3.1dB	341°K	372215	+38 Hz
2022-03-27	Sunday04:00	176°	+19°	0 dB	0°	176°	+19°	299°	-24°	3.1dB	339°K	372246	+4 Hz
2022-03-27	Sunday04:30	183°	+19°	0 dB	0°	183°	+19°	307°	-24°	3.1dB	337°K	372277	-31 Hz
2022-03-27	Sunday05:00	190°	+18°	0 dB	0°	190°	+18°	314°	-24°	3.0dB	335°K	372309	-65 Hz
2022-03-27	Sunday05:30	197°	+17°	0 dB	0°	197°	+17°	321°	-24°	3.0dB	334°K	372341	-99 Hz
2022-03-27	Sunday06:00	204°	+15°	0 dB	0°	204°	+15°	328°	-24°	3.0dB	332°K	372373	-131 Hz
2022-03-27	Sunday06:30	210°	+13°	0 dB	0°	210°	+13°	335°	-24°	3.0dB	330°K	372406	-161 Hz
2022-03-27	Sunday07:00	216°	+10°	0 dB	0°	216°	+10°	343°	-24°	3.0dB	328°K	372438	-189 Hz
2022-03-27	Sunday07:30	222°	+7°	0 dB	0°	222°	+7°	350°	-24°	2.9dB	326°K	372471	-214 Hz
2022-03-27	Sunday08:00	228°	+4°	0 dB	0°	228°	+4°	357°	-24°	2.9dB	326°K	372504	-236 Hz
2022-03-27	Sunday08:30	233°	-0°	0 dB	0°	233°	-0°	4°	-24°	2.9dB	326°K	372537	-253 Hz
2022-03-28	Monday01:00	126°	+2°	0 dB	0°	126°	+2°	242°	-21°	3.0dB	326°K	373747	+225 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-03-28	Monday	01:30	131°	+6°	0 dB	0°	131°	+6°	250°	-21°	3.0dB	326°K	373787	+207 Hz
2022-03-28	Monday	02:00	137°	+10°	0 dB	0°	137°	+10°	257°	-21°	3.0dB	326°K	373827	+185 Hz
2022-03-28	Monday	02:30	143°	+13°	0 dB	0°	143°	+13°	264°	-21°	3.0dB	326°K	373868	+160 Hz
2022-03-28	Monday	03:00	149°	+16°	0 dB	0°	149°	+16°	271°	-21°	3.0dB	326°K	373909	+131 Hz
2022-03-28	Monday	03:30	156°	+18°	0 dB	0°	156°	+18°	278°	-21°	3.0dB	326°K	373950	+100 Hz
2022-03-28	Monday	04:00	163°	+20°	0 dB	0°	163°	+20°	286°	-21°	3.0dB	326°K	373991	+67 Hz
2022-03-28	Monday	04:30	170°	+22°	0 dB	0°	170°	+22°	293°	-21°	3.0dB	326°K	374033	+32 Hz
2022-03-28	Monday	05:00	177°	+22°	0 dB	0°	177°	+22°	300°	-21°	3.0dB	326°K	374075	-3 Hz
2022-03-28	Monday	05:30	184°	+22°	0 dB	0°	184°	+22°	307°	-21°	3.0dB	326°K	374117	-39 Hz
2022-03-28	Monday	06:00	192°	+22°	0 dB	0°	192°	+22°	315°	-21°	3.0dB	326°K	374159	-75 Hz
2022-03-28	Monday	06:30	199°	+20°	0 dB	0°	199°	+20°	322°	-21°	3.0dB	326°K	374201	-110 Hz
2022-03-28	Monday	07:00	206°	+19°	0 dB	0°	206°	+19°	329°	-20°	3.0dB	326°K	374244	-143 Hz
2022-03-28	Monday	07:30	213°	+16°	0 dB	0°	213°	+16°	336°	-20°	3.0dB	326°K	374287	-174 Hz
2022-03-28	Monday	08:00	219°	+13°	0 dB	0°	219°	+13°	343°	-20°	3.0dB	326°K	374330	-202 Hz
2022-03-28	Monday	08:30	225°	+10°	0 dB	0°	225°	+10°	351°	-20°	3.0dB	326°K	374373	-228 Hz
2022-03-28	Monday	09:00	231°	+6°	0 dB	0°	231°	+6°	358°	-20°	3.0dB	324°K	374416	-250 Hz
2022-03-28	Monday	09:30	236°	+2°	0 dB	0°	236°	+2°	5°	-20°	3.0dB	323°K	374460	-268 Hz
2022-03-29	Tuesday	01:30	119°	+2°	0 dB	0°	119°	+2°	237°	-17°	2.6dB	280°K	375974	+240 Hz
2022-03-29	Tuesday	02:00	124°	+7°	0 dB	0°	124°	+7°	244°	-17°	2.5dB	278°K	376025	+225 Hz
2022-03-29	Tuesday	02:30	130°	+11°	0 dB	0°	130°	+11°	251°	-17°	2.5dB	276°K	376076	+205 Hz
2022-03-29	Tuesday	03:00	136°	+15°	0 dB	0°	136°	+15°	258°	-17°	2.5dB	274°K	376128	+182 Hz
2022-03-29	Tuesday	03:30	142°	+18°	0 dB	0°	142°	+18°	266°	-16°	2.5dB	272°K	376179	+154 Hz
2022-03-29	Tuesday	04:00	149°	+21°	0 dB	0°	149°	+21°	273°	-16°	2.4dB	270°K	376231	+124 Hz
2022-03-29	Tuesday	04:30	156°	+24°	0 dB	0°	156°	+24°	280°	-16°	2.4dB	268°K	376283	+92 Hz
2022-03-29	Tuesday	05:00	163°	+25°	0 dB	0°	163°	+25°	287°	-16°	2.4dB	266°K	376336	+57 Hz
2022-03-29	Tuesday	05:30	171°	+27°	0 dB	0°	171°	+27°	295°	-16°	2.4dB	264°K	376388	+20 Hz
2022-03-29	Tuesday	06:00	179°	+27°	0 dB	0°	179°	+27°	302°	-16°	2.3dB	262°K	376441	-17 Hz
2022-03-29	Tuesday	06:30	187°	+27°	0 dB	0°	187°	+27°	309°	-16°	2.3dB	260°K	376494	-54 Hz
2022-03-29	Tuesday	07:00	194°	+26°	0 dB	0°	194°	+26°	316°	-16°	2.3dB	258°K	376547	-91 Hz
2022-03-29	Tuesday	07:30	202°	+25°	0 dB	0°	202°	+25°	324°	-16°	2.3dB	256°K	376601	-126 Hz
2022-03-29	Tuesday	08:00	209°	+23°	0 dB	0°	209°	+23°	331°	-16°	2.2dB	254°K	376654	-160 Hz
2022-03-29	Tuesday	08:30	216°	+20°	0 dB	0°	216°	+20°	338°	-15°	2.2dB	253°K	376708	-192 Hz
2022-03-29	Tuesday	09:00	223°	+17°	0 dB	0°	223°	+17°	345°	-15°	2.2dB	251°K	376762	-221 Hz
2022-03-29	Tuesday	09:30	229°	+13°	0 dB	0°	229°	+13°	353°	-15°	2.2dB	249°K	376817	-246 Hz
2022-03-29	Tuesday	10:00	235°	+9°	0 dB	0°	235°	+9°	360°	-15°	2.1dB	247°K	376871	-268 Hz
2022-03-29	Tuesday	10:30	241°	+5°	0 dB	0°	241°	+5°	7°	-15°	2.1dB	245°K	376926	-285 Hz
2022-03-29	Tuesday	11:00	246°	+1°	0 dB	0°	246°	+1°	14°	-15°	2.1dB	243°K	376981	-299 Hz
2022-03-30	Wednesday	02:00	112°	+4°	0 dB	0°	112°	+4°	232°	-11°	2.2dB	243°K	378733	+251 Hz
2022-03-30	Wednesday	02:30	117°	+8°	0 dB	0°	117°	+8°	239°	-11°	2.2dB	243°K	378795	+238 Hz
2022-03-30	Wednesday	03:00	123°	+13°	0 dB	0°	123°	+13°	246°	-11°	2.2dB	242°K	378857	+220 Hz
2022-03-30	Wednesday	03:30	129°	+17°	0 dB	0°	129°	+17°	254°	-11°	2.2dB	242°K	378919	+199 Hz
2022-03-30	Wednesday	04:00	135°	+21°	0 dB	0°	135°	+21°	261°	-11°	2.2dB	242°K	378982	+173 Hz
2022-03-30	Wednesday	04:30	142°	+24°	0 dB	0°	142°	+24°	268°	-11°	2.2dB	242°K	379044	+144 Hz
2022-03-30	Wednesday	05:00	149°	+27°	0 dB	0°	149°	+27°	275°	-11°	2.2dB	242°K	379107	+112 Hz
2022-03-30	Wednesday	05:30	157°	+30°	0 dB	0°	157°	+30°	283°	-11°	2.2dB	242°K	379170	+77 Hz
2022-03-30	Wednesday	06:00	165°	+31°	0 dB	0°	165°	+31°	290°	-11°	2.2dB	242°K	379234	+40 Hz
2022-03-30	Wednesday	06:30	173°	+33°	0 dB	0°	173°	+33°	297°	-10°	2.2dB	241°K	379297	+3 Hz
2022-03-30	Wednesday	07:00	182°	+33°	0 dB	0°	182°	+33°	304°	-10°	2.2dB	241°K	379361	-36 Hz
2022-03-30	Wednesday	07:30	190°	+33°	0 dB	0°	190°	+33°	312°	-10°	2.2dB	241°K	379425	-74 Hz
2022-03-30	Wednesday	08:00	199°	+31°	0 dB	0°	199°	+31°	319°	-10°	2.2dB	241°K	379489	-112 Hz
2022-03-30	Wednesday	08:30	207°	+29°	0 dB	0°	207°	+29°	326°	-10°	2.2dB	241°K	379553	-148 Hz
2022-03-30	Wednesday	09:00	214°	+27°	0 dB	0°	214°	+27°	334°	-10°	2.2dB	241°K	379618	-182 Hz
2022-03-30	Wednesday	09:30	222°	+24°	0 dB	0°	222°	+24°	341°	-10°	2.2dB	241°K	379683	-214 Hz
2022-03-30	Wednesday	10:00	229°	+20°	0 dB	0°	229°	+20°	348°	-10°	2.2dB	240°K	379747	-242 Hz
2022-03-30	Wednesday	10:30	235°	+17°	0 dB	0°	235°	+17°	355°	-9°	2.2dB	240°K	379813	-267 Hz
2022-03-30	Wednesday	11:00	241°	+12°	0 dB	0°	241°	+12°	3°	-9°	2.2dB	240°K	379878	-287 Hz
2022-03-30	Wednesday	11:30	247°	+8°	0 dB	0°	247°	+8°	10°	-9°	2.2dB	240°K	379944	-304 Hz
2022-03-30	Wednesday	12:00	252°	+3°	0 dB	0°	252°	+3°	17°	-9°	2.2dB	240°K	380009	-316 Hz
2022-03-31	Thursday	02:00	099°	+0°	0 dB	0°	099°	+0°	221°	-6°	2.3dB	239°K	381932	+263 Hz
2022-03-31	Thursday	02:30	105°	+5°	0 dB	0°	105°	+5°	228°	-6°	2.3dB	239°K	382003	+257 Hz
2022-03-31	Thursday	03:00	110°	+10°	0 dB	0°	110°	+10°	235°	-5°	2.3dB	239°K	382075	+247 Hz
2022-03-31	Thursday	03:30	116°	+15°	0 dB	0°	116°	+15°	242°	-5°	2.3dB	239°K	382146	+231 Hz
2022-03-31	Thursday	04:00	122°	+19°	0 dB	0°	122°	+19°	250°	-5°	2.3dB	239°K	382218	+211 Hz
2022-03-31	Thursday	04:30	128°	+24°	0 dB	0°	128°	+24°	257°	-5°	2.3dB	239°K	382290	+187 Hz
2022-03-31	Thursday	05:00	135°	+28°	0 dB	0°	135°	+28°	264°	-5°	2.3dB	239°K	382363	+159 Hz
2022-03-31	Thursday	05:30	142°	+31°	0 dB	0°	142°	+31°	271°	-5°	2.3dB	239°K	382435	+128 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-03-31	Thursday	06:00	150°	+34°	0 dB	0°	150°	+34°	279°	-5°	2.3dB	239°K	382508 +94 Hz
2022-03-31	Thursday	06:30	159°	+36°	0 dB	0°	159°	+36°	286°	-5°	2.4dB	243°K	382580 +57 Hz
2022-03-31	Thursday	07:00	167°	+38°	0 dB	0°	167°	+38°	293°	-4°	2.4dB	244°K	382653 +19 Hz
2022-03-31	Thursday	07:30	177°	+39°	0 dB	0°	177°	+39°	301°	-4°	2.4dB	245°K	382726 -20 Hz
2022-03-31	Thursday	08:00	186°	+39°	0 dB	0°	186°	+39°	308°	-4°	2.4dB	245°K	382800 -59 Hz
2022-03-31	Thursday	08:30	196°	+38°	0 dB	0°	196°	+38°	315°	-4°	2.4dB	246°K	382873 -98 Hz
2022-03-31	Thursday	09:00	205°	+36°	0 dB	0°	205°	+36°	322°	-4°	2.4dB	246°K	382947 -136 Hz
2022-03-31	Thursday	09:30	213°	+34°	0 dB	0°	213°	+34°	330°	-4°	2.4dB	247°K	383021 -172 Hz
2022-03-31	Thursday	10:00	221°	+31°	0 dB	0°	221°	+31°	337°	-4°	2.4dB	SUN!	383095 -205 Hz
2022-03-31	Thursday	10:30	228°	+28°	0 dB	0°	228°	+28°	344°	-4°	2.5dB	SUN!	383169 -236 Hz
2022-03-31	Thursday	11:00	235°	+24°	0 dB	0°	235°	+24°	351°	-3°	2.5dB	SUN!	383243 -263 Hz
2022-03-31	Thursday	11:30	242°	+20°	0 dB	0°	242°	+20°	359°	-3°	2.5dB	SUN!	383317 -286 Hz
2022-03-31	Thursday	12:00	248°	+15°	0 dB	0°	248°	+15°	6°	-3°	2.5dB	SUN!	383392 -305 Hz
2022-03-31	Thursday	12:30	253°	+10°	0 dB	0°	253°	+10°	13°	-3°	2.5dB	SUN!	383467 -319 Hz
2022-03-31	Thursday	13:00	259°	+6°	0 dB	0°	259°	+6°	21°	-3°	2.5dB	SUN!	383542 -329 Hz
2022-03-31	Thursday	13:30	264°	+1°	0 dB	0°	264°	+1°	28°	-3°	2.5dB	SUN!	383617 -334 Hz
2022-04-01	Fri day	02:30	093°	+2°	0 dB	0°	093°	+2°	217°	+0°	2.8dB	SUN!	385618 +264 Hz
2022-04-01	Fri day	03:00	098°	+7°	0 dB	0°	098°	+7°	224°	+1°	2.8dB	SUN!	385697 +260 Hz
2022-04-01	Fri day	03:30	103°	+12°	0 dB	0°	103°	+12°	231°	+1°	2.8dB	SUN!	385776 +251 Hz
2022-04-01	Fri day	04:00	109°	+17°	0 dB	0°	109°	+17°	239°	+1°	2.8dB	SUN!	385854 +238 Hz
2022-04-01	Fri day	04:30	114°	+22°	0 dB	0°	114°	+22°	246°	+1°	2.9dB	SUN!	385933 +220 Hz
2022-04-01	Fri day	05:00	121°	+27°	0 dB	0°	121°	+27°	253°	+1°	2.9dB	SUN!	386013 +197 Hz
2022-04-01	Fri day	05:30	127°	+31°	0 dB	0°	127°	+31°	261°	+1°	2.9dB	SUN!	386092 +171 Hz
2022-04-01	Fri day	06:00	135°	+35°	0 dB	0°	135°	+35°	268°	+1°	2.9dB	SUN!	386171 +141 Hz
2022-04-01	Fri day	06:30	143°	+38°	0 dB	0°	143°	+38°	275°	+1°	2.9dB	SUN!	386251 +108 Hz
2022-04-01	Fri day	07:00	152°	+41°	0 dB	0°	152°	+41°	282°	+2°	2.9dB	SUN!	386330 +72 Hz
2022-04-01	Fri day	07:30	161°	+43°	0 dB	0°	161°	+43°	290°	+2°	2.9dB	SUN!	386410 +34 Hz
2022-04-01	Fri day	08:00	171°	+45°	0 dB	0°	171°	+45°	297°	+2°	2.9dB	SUN!	386489 -5 Hz
2022-04-01	Fri day	08:30	182°	+45°	0 dB	0°	182°	+45°	304°	+2°	2.9dB	SUN!	386569 -44 Hz
2022-04-01	Fri day	09:00	192°	+45°	0 dB	0°	192°	+45°	312°	+2°	3.0dB	SUN!	386649 -84 Hz
2022-04-01	Fri day	09:30	202°	+43°	0 dB	0°	202°	+43°	319°	+2°	3.0dB	SUN!	386729 -122 Hz
2022-04-01	Fri day	10:00	212°	+41°	0 dB	0°	212°	+41°	326°	+2°	3.0dB	SUN!	386809 -159 Hz
2022-04-01	Fri day	10:30	221°	+38°	0 dB	0°	221°	+38°	333°	+2°	3.0dB	SUN!	386889 -194 Hz
2022-04-01	Fri day	11:00	229°	+35°	0 dB	0°	229°	+35°	341°	+3°	3.0dB	SUN!	386970 -226 Hz
2022-04-01	Fri day	11:30	236°	+31°	0 dB	0°	236°	+31°	348°	+3°	3.0dB	SUN!	387050 -255 Hz
2022-04-01	Fri day	12:00	243°	+27°	0 dB	0°	243°	+27°	355°	+3°	3.0dB	SUN!	387130 -280 Hz
2022-04-01	Fri day	12:30	249°	+22°	0 dB	0°	249°	+22°	2°	+3°	3.0dB	SUN!	387211 -301 Hz
2022-04-01	Fri day	13:00	255°	+17°	0 dB	0°	255°	+17°	10°	+3°	3.0dB	SUN!	387292 -318 Hz
2022-04-01	Fri day	13:30	261°	+12°	0 dB	0°	261°	+12°	17°	+3°	3.1dB	SUN!	387372 -329 Hz
2022-04-01	Fri day	14:00	266°	+7°	0 dB	0°	266°	+7°	24°	+3°	3.1dB	SUN!	387453 -336 Hz
2022-04-01	Fri day	14:30	271°	+2°	0 dB	0°	271°	+2°	32°	+3°	3.1dB	SUN!	387534 -338 Hz
2022-04-02	Saturday	03:00	086°	+4°	0 dB	0°	086°	+4°	214°	+6°	3.3dB	294°K	389571 +261 Hz
2022-04-02	Saturday	03:30	091°	+9°	0 dB	0°	091°	+9°	221°	+6°	3.3dB	294°K	389653 +259 Hz
2022-04-02	Saturday	04:00	096°	+14°	0 dB	0°	096°	+14°	228°	+7°	3.4dB	295°K	389735 +253 Hz
2022-04-02	Saturday	04:30	102°	+19°	0 dB	0°	102°	+19°	235°	+7°	3.4dB	295°K	389817 +242 Hz
2022-04-02	Saturday	05:00	107°	+24°	0 dB	0°	107°	+24°	243°	+7°	3.4dB	296°K	389899 +226 Hz
2022-04-02	Saturday	05:30	113°	+29°	0 dB	0°	113°	+29°	250°	+7°	3.4dB	296°K	389981 +205 Hz
2022-04-02	Saturday	06:00	120°	+34°	0 dB	0°	120°	+34°	257°	+7°	3.4dB	296°K	390063 +181 Hz
2022-04-02	Saturday	06:30	127°	+38°	0 dB	0°	127°	+38°	264°	+7°	3.4dB	297°K	390145 +152 Hz
2022-04-02	Saturday	07:00	135°	+42°	0 dB	0°	135°	+42°	272°	+7°	3.4dB	297°K	390227 +121 Hz
2022-04-02	Saturday	07:30	144°	+46°	0 dB	0°	144°	+46°	279°	+7°	3.4dB	297°K	390309 +86 Hz
2022-04-02	Saturday	08:00	154°	+48°	0 dB	0°	154°	+48°	286°	+8°	3.4dB	297°K	390391 +49 Hz
2022-04-02	Saturday	08:30	165°	+50°	0 dB	0°	165°	+50°	294°	+8°	3.4dB	298°K	390473 +11 Hz
2022-04-02	Saturday	09:00	177°	+51°	0 dB	0°	177°	+51°	301°	+8°	3.4dB	298°K	390555 -28 Hz
2022-04-02	Saturday	09:30	188°	+51°	0 dB	0°	188°	+51°	308°	+8°	3.4dB	298°K	390637 -67 Hz
2022-04-02	Saturday	10:00	200°	+50°	0 dB	0°	200°	+50°	315°	+8°	3.5dB	299°K	390719 -106 Hz
2022-04-02	Saturday	10:30	210°	+48°	0 dB	0°	210°	+48°	323°	+8°	3.5dB	299°K	390801 -143 Hz
2022-04-02	Saturday	11:00	220°	+45°	0 dB	0°	220°	+45°	330°	+8°	3.5dB	299°K	390883 -179 Hz
2022-04-02	Saturday	11:30	229°	+42°	0 dB	0°	229°	+42°	337°	+8°	3.5dB	299°K	390965 -212 Hz
2022-04-02	Saturday	12:00	237°	+38°	0 dB	0°	237°	+38°	345°	+8°	3.5dB	300°K	391047 -242 Hz
2022-04-02	Saturday	12:30	244°	+33°	0 dB	0°	244°	+33°	352°	+9°	3.5dB	300°K	391129 -269 Hz
2022-04-02	Saturday	13:00	250°	+29°	0 dB	0°	250°	+29°	359°	+9°	3.5dB	300°K	391211 -292 Hz
2022-04-02	Saturday	13:30	257°	+24°	0 dB	0°	257°	+24°	6°	+9°	3.5dB	301°K	391293 -310 Hz
2022-04-02	Saturday	14:00	262°	+19°	0 dB	0°	262°	+19°	14°	+9°	3.5dB	301°K	391374 -324 Hz
2022-04-02	Saturday	14:30	268°	+14°	0 dB	0°	268°	+14°	21°	+9°	3.5dB	301°K	391456 -333 Hz
2022-04-02	Saturday	15:00	273°	+9°	0 dB	0°	273°	+9°	28°	+9°	3.5dB	301°K	391538 -337 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-04-02	Saturday	15:30	278°	+4°	0 dB	0°	278°	+4°	35°	+9°	3.5dB	302°K	391620	-336 Hz
2022-04-03	Sunday	03:00	075°	+1°	0 dB	0°	075°	+1°	203°	+12°	3.9dB	325°K	393482	+252 Hz
2022-04-03	Sunday	03:30	080°	+6°	0 dB	0°	080°	+6°	210°	+12°	3.9dB	326°K	393562	+257 Hz
2022-04-03	Sunday	04:00	085°	+11°	0 dB	0°	085°	+11°	217°	+12°	3.9dB	328°K	393642	+257 Hz
2022-04-03	Sunday	04:30	090°	+16°	0 dB	0°	090°	+16°	225°	+12°	3.9dB	329°K	393722	+253 Hz
2022-04-03	Sunday	05:00	095°	+21°	0 dB	0°	095°	+21°	232°	+12°	4.0dB	330°K	393802	+244 Hz
2022-04-03	Sunday	05:30	100°	+26°	0 dB	0°	100°	+26°	239°	+12°	4.0dB	332°K	393882	+231 Hz
2022-04-03	Sunday	06:00	106°	+31°	0 dB	0°	106°	+31°	247°	+12°	4.0dB	333°K	393961	+212 Hz
2022-04-03	Sunday	06:30	113°	+36°	0 dB	0°	113°	+36°	254°	+13°	4.0dB	335°K	394041	+190 Hz
2022-04-03	Sunday	07:00	120°	+41°	0 dB	0°	120°	+41°	261°	+13°	4.0dB	336°K	394120	+164 Hz
2022-04-03	Sunday	07:30	127°	+45°	0 dB	0°	127°	+45°	268°	+13°	4.1dB	338°K	394199	+134 Hz
2022-04-03	Sunday	08:00	136°	+49°	0 dB	0°	136°	+49°	276°	+13°	4.1dB	339°K	394278	+101 Hz
2022-04-03	Sunday	08:30	146°	+52°	0 dB	0°	146°	+52°	283°	+13°	4.1dB	340°K	394357	+66 Hz
2022-04-03	Sunday	09:00	158°	+55°	0 dB	0°	158°	+55°	290°	+13°	4.1dB	342°K	394436	+29 Hz
2022-04-03	Sunday	09:30	170°	+56°	0 dB	0°	170°	+56°	297°	+13°	4.1dB	343°K	394515	-9 Hz
2022-04-03	Sunday	10:00	183°	+57°	0 dB	0°	183°	+57°	305°	+13°	4.2dB	345°K	394593	-47 Hz
2022-04-03	Sunday	10:30	196°	+56°	0 dB	0°	196°	+56°	312°	+13°	4.2dB	346°K	394672	-86 Hz
2022-04-03	Sunday	11:00	208°	+54°	0 dB	0°	208°	+54°	319°	+14°	4.2dB	348°K	394750	-123 Hz
2022-04-03	Sunday	11:30	219°	+51°	0 dB	0°	219°	+51°	327°	+14°	4.2dB	348°K	394828	-159 Hz
2022-04-03	Sunday	12:00	229°	+48°	0 dB	0°	229°	+48°	334°	+14°	4.2dB	349°K	394906	-193 Hz
2022-04-03	Sunday	12:30	237°	+44°	0 dB	0°	237°	+44°	341°	+14°	4.2dB	350°K	394984	-224 Hz
2022-04-03	Sunday	13:00	245°	+40°	0 dB	0°	245°	+40°	348°	+14°	4.2dB	350°K	395062	-252 Hz
2022-04-03	Sunday	13:30	252°	+35°	0 dB	0°	252°	+35°	356°	+14°	4.2dB	351°K	395139	-276 Hz
2022-04-03	Sunday	14:00	258°	+30°	0 dB	0°	258°	+30°	3°	+14°	4.3dB	352°K	395217	-296 Hz
2022-04-03	Sunday	14:30	264°	+25°	0 dB	0°	264°	+25°	10°	+14°	4.3dB	353°K	395294	-311 Hz
2022-04-03	Sunday	15:00	269°	+20°	0 dB	0°	269°	+20°	17°	+14°	4.3dB	353°K	395371	-322 Hz
2022-04-03	Sunday	15:30	274°	+15°	0 dB	0°	274°	+15°	25°	+14°	4.3dB	354°K	395448	-328 Hz
2022-04-03	Sunday	16:00	280°	+10°	0 dB	0°	280°	+10°	32°	+15°	4.3dB	355°K	395525	-330 Hz
2022-04-03	Sunday	16:30	285°	+5°	0 dB	0°	285°	+5°	39°	+15°	4.3dB	355°K	395601	-327 Hz
2022-04-03	Sunday	17:00	290°	+1°	0 dB	0°	290°	+1°	47°	+15°	4.3dB	356°K	395678	-319 Hz
2022-04-04	Monday	03:30	069°	+2°	0 dB	0°	069°	+2°	199°	+17°	4.5dB	367°K	397241	+245 Hz
2022-04-04	Monday	04:00	074°	+7°	0 dB	0°	074°	+7°	207°	+17°	4.5dB	367°K	397313	+253 Hz
2022-04-04	Monday	04:30	079°	+12°	0 dB	0°	079°	+12°	214°	+17°	4.5dB	366°K	397385	+255 Hz
2022-04-04	Monday	05:00	084°	+17°	0 dB	0°	084°	+17°	221°	+17°	4.5dB	365°K	397457	+254 Hz
2022-04-04	Monday	05:30	089°	+22°	0 dB	0°	089°	+22°	228°	+17°	4.5dB	364°K	397528	+247 Hz
2022-04-04	Monday	06:00	094°	+27°	0 dB	0°	094°	+27°	236°	+17°	4.5dB	364°K	397600	+236 Hz
2022-04-04	Monday	06:30	099°	+32°	0 dB	0°	099°	+32°	243°	+17°	4.5dB	363°K	397671	+220 Hz
2022-04-04	Monday	07:00	105°	+37°	0 dB	0°	105°	+37°	250°	+17°	4.5dB	362°K	397741	+200 Hz
2022-04-04	Monday	07:30	112°	+42°	0 dB	0°	112°	+42°	257°	+18°	4.5dB	361°K	397812	+177 Hz
2022-04-04	Monday	08:00	119°	+47°	0 dB	0°	119°	+47°	265°	+18°	4.5dB	361°K	397882	+149 Hz
2022-04-04	Monday	08:30	127°	+51°	0 dB	0°	127°	+51°	272°	+18°	4.5dB	360°K	397952	+119 Hz
2022-04-04	Monday	09:00	137°	+55°	0 dB	0°	137°	+55°	279°	+18°	4.4dB	359°K	398022	+85 Hz
2022-04-04	Monday	09:30	149°	+58°	0 dB	0°	149°	+58°	286°	+18°	4.5dB	359°K	398092	+50 Hz
2022-04-04	Monday	10:00	162°	+60°	0 dB	0°	162°	+60°	294°	+18°	4.4dB	358°K	398161	+14 Hz
2022-04-04	Monday	10:30	176°	+62°	0 dB	0°	176°	+62°	301°	+18°	4.4dB	357°K	398230	-24 Hz
2022-04-04	Monday	11:00	191°	+61°	0 dB	0°	191°	+61°	308°	+18°	4.4dB	356°K	398299	-61 Hz
2022-04-04	Monday	11:30	205°	+60°	0 dB	0°	205°	+60°	316°	+18°	4.4dB	356°K	398367	-99 Hz
2022-04-04	Monday	12:00	217°	+57°	0 dB	0°	217°	+57°	323°	+18°	4.4dB	355°K	398436	-134 Hz
2022-04-04	Monday	12:30	228°	+54°	0 dB	0°	228°	+54°	330°	+18°	4.4dB	354°K	398504	-168 Hz
2022-04-04	Monday	13:00	237°	+50°	0 dB	0°	237°	+50°	337°	+18°	4.4dB	353°K	398571	-200 Hz
2022-04-04	Monday	13:30	245°	+46°	0 dB	0°	245°	+46°	345°	+19°	4.4dB	353°K	398639	-229 Hz
2022-04-04	Monday	14:00	252°	+41°	0 dB	0°	252°	+41°	352°	+19°	4.4dB	352°K	398706	-254 Hz
2022-04-04	Monday	14:30	259°	+36°	0 dB	0°	259°	+36°	359°	+19°	4.4dB	351°K	398773	-275 Hz
2022-04-04	Monday	15:00	265°	+31°	0 dB	0°	265°	+31°	6°	+19°	4.4dB	350°K	398840	-293 Hz
2022-04-04	Monday	15:30	270°	+26°	0 dB	0°	270°	+26°	14°	+19°	4.4dB	350°K	398906	-306 Hz
2022-04-04	Monday	16:00	275°	+21°	0 dB	0°	275°	+21°	21°	+19°	4.4dB	349°K	398972	-314 Hz
2022-04-04	Monday	16:30	280°	+16°	0 dB	0°	280°	+16°	28°	+19°	4.4dB	348°K	399038	-318 Hz
2022-04-04	Monday	17:00	285°	+11°	0 dB	0°	285°	+11°	35°	+19°	4.4dB	348°K	399103	-317 Hz
2022-04-04	Monday	17:30	290°	+6°	0 dB	0°	290°	+6°	43°	+19°	4.4dB	348°K	399169	-312 Hz
2022-04-04	Monday	18:00	295°	+2°	0 dB	0°	295°	+2°	50°	+19°	4.4dB	349°K	399234	-302 Hz
2022-04-05	Tuesday	04:00	063°	+3°	0 dB	0°	063°	+3°	195°	+21°	4.6dB	364°K	400467	+240 Hz
2022-04-05	Tuesday	04:30	068°	+7°	0 dB	0°	068°	+7°	203°	+21°	4.6dB	365°K	400525	+249 Hz
2022-04-05	Tuesday	05:00	073°	+12°	0 dB	0°	073°	+12°	210°	+21°	4.6dB	365°K	400583	+254 Hz
2022-04-05	Tuesday	05:30	078°	+17°	0 dB	0°	078°	+17°	217°	+21°	4.6dB	366°K	400640	+255 Hz
2022-04-05	Tuesday	06:00	083°	+22°	0 dB	0°	083°	+22°	224°	+21°	4.6dB	367°K	400698	+251 Hz
2022-04-05	Tuesday	06:30	088°	+27°	0 dB	0°	088°	+27°	232°	+21°	4.7dB	368°K	400755	+243 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-05	Tuesday	07:00	093°	+32°	0 dB	0°	093°	+32°	239°	+21°	4.7dB	368°K	400811 +230 Hz
2022-04-05	Tuesday	07:30	098°	+37°	0 dB	0°	098°	+37°	246°	+21°	4.7dB	369°K	400867 +213 Hz
2022-04-05	Tuesday	08:00	104°	+42°	0 dB	0°	104°	+42°	253°	+22°	4.7dB	370°K	400923 +192 Hz
2022-04-05	Tuesday	08:30	111°	+47°	0 dB	0°	111°	+47°	261°	+22°	4.7dB	371°K	400978 +167 Hz
2022-04-05	Tuesday	09:00	119°	+52°	0 dB	0°	119°	+52°	268°	+22°	4.7dB	372°K	401033 +139 Hz
2022-04-05	Tuesday	09:30	128°	+56°	0 dB	0°	128°	+56°	275°	+22°	4.7dB	373°K	401088 +108 Hz
2022-04-05	Tuesday	10:00	138°	+60°	0 dB	0°	138°	+60°	282°	+22°	4.7dB	374°K	401142 +75 Hz
2022-04-05	Tuesday	10:30	151°	+63°	0 dB	0°	151°	+63°	290°	+22°	4.7dB	375°K	401196 +40 Hz
2022-04-05	Tuesday	11:00	166°	+65°	0 dB	0°	166°	+65°	297°	+22°	4.8dB	376°K	401250 +4 Hz
2022-04-05	Tuesday	11:30	183°	+66°	0 dB	0°	183°	+66°	304°	+22°	4.8dB	378°K	401303 -33 Hz
2022-04-05	Tuesday	12:00	199°	+65°	0 dB	0°	199°	+65°	311°	+22°	4.8dB	379°K	401356 -69 Hz
2022-04-05	Tuesday	12:30	213°	+63°	0 dB	0°	213°	+63°	319°	+22°	4.8dB	380°K	401408 -105 Hz
2022-04-05	Tuesday	13:00	226°	+59°	0 dB	0°	226°	+59°	326°	+22°	4.8dB	381°K	401460 -139 Hz
2022-04-05	Tuesday	13:30	236°	+55°	0 dB	0°	236°	+55°	333°	+22°	4.8dB	382°K	401512 -171 Hz
2022-04-05	Tuesday	14:00	245°	+51°	0 dB	0°	245°	+51°	341°	+22°	4.8dB	383°K	401563 -201 Hz
2022-04-05	Tuesday	14:30	252°	+46°	0 dB	0°	252°	+46°	348°	+22°	4.9dB	384°K	401614 -227 Hz
2022-04-05	Tuesday	15:00	259°	+41°	0 dB	0°	259°	+41°	355°	+22°	4.9dB	385°K	401664 -250 Hz
2022-04-05	Tuesday	15:30	265°	+36°	0 dB	0°	265°	+36°	2°	+23°	4.9dB	386°K	401715 -269 Hz
2022-04-05	Tuesday	16:00	270°	+31°	0 dB	0°	270°	+31°	10°	+23°	4.9dB	387°K	401764 -284 Hz
2022-04-05	Tuesday	16:30	275°	+26°	0 dB	0°	275°	+26°	17°	+23°	4.9dB	388°K	401814 -295 Hz
2022-04-05	Tuesday	17:00	280°	+21°	0 dB	0°	280°	+21°	24°	+23°	4.9dB	389°K	401863 -301 Hz
2022-04-05	Tuesday	17:30	285°	+16°	0 dB	0°	285°	+16°	31°	+23°	4.9dB	390°K	401911 -303 Hz
2022-04-05	Tuesday	18:00	290°	+12°	0 dB	0°	290°	+12°	39°	+23°	4.9dB	391°K	401959 -300 Hz
2022-04-05	Tuesday	18:30	295°	+7°	0 dB	0°	295°	+7°	46°	+23°	5.0dB	392°K	402007 -293 Hz
2022-04-05	Tuesday	19:00	300°	+3°	0 dB	0°	300°	+3°	53°	+23°	5.0dB	393°K	402054 -282 Hz
2022-04-06	Wednesday	04:30	058°	+2°	0 dB	0°	058°	+2°	191°	+24°	5.2dB	416°K	402873 +236 Hz
2022-04-06	Wednesday	05:00	063°	+7°	0 dB	0°	063°	+7°	198°	+24°	5.2dB	417°K	402912 +247 Hz
2022-04-06	Wednesday	05:30	068°	+11°	0 dB	0°	068°	+11°	205°	+24°	5.2dB	418°K	402950 +255 Hz
2022-04-06	Wednesday	06:00	072°	+16°	0 dB	0°	072°	+16°	213°	+24°	5.3dB	420°K	402988 +259 Hz
2022-04-06	Wednesday	06:30	077°	+21°	0 dB	0°	077°	+21°	220°	+24°	5.3dB	421°K	403025 +258 Hz
2022-04-06	Wednesday	07:00	082°	+26°	0 dB	0°	082°	+26°	227°	+24°	5.3dB	422°K	403062 +252 Hz
2022-04-06	Wednesday	07:30	087°	+31°	0 dB	0°	087°	+31°	234°	+24°	5.3dB	423°K	403099 +242 Hz
2022-04-06	Wednesday	08:00	092°	+36°	0 dB	0°	092°	+36°	242°	+24°	5.3dB	425°K	403135 +228 Hz
2022-04-06	Wednesday	08:30	097°	+41°	0 dB	0°	097°	+41°	249°	+24°	5.3dB	426°K	403170 +210 Hz
2022-04-06	Wednesday	09:00	104°	+46°	0 dB	0°	104°	+46°	256°	+25°	5.3dB	427°K	403206 +188 Hz
2022-04-06	Wednesday	09:30	110°	+51°	0 dB	0°	110°	+51°	263°	+25°	5.3dB	428°K	403240 +163 Hz
2022-04-06	Wednesday	10:00	118°	+56°	0 dB	0°	118°	+56°	271°	+25°	5.4dB	430°K	403274 +134 Hz
2022-04-06	Wednesday	10:30	128°	+60°	0 dB	0°	128°	+60°	278°	+25°	5.4dB	431°K	403308 +103 Hz
2022-04-06	Wednesday	11:00	140°	+64°	0 dB	0°	140°	+64°	285°	+25°	5.4dB	432°K	403341 +70 Hz
2022-04-06	Wednesday	11:30	155°	+67°	0 dB	0°	155°	+67°	292°	+25°	5.4dB	433°K	403374 +35 Hz
2022-04-06	Wednesday	12:00	172°	+68°	0 dB	0°	172°	+68°	300°	+25°	5.4dB	435°K	403407 0 Hz
2022-04-06	Wednesday	12:30	190°	+68°	0 dB	0°	190°	+68°	307°	+25°	5.4dB	437°K	403438 -36 Hz
2022-04-06	Wednesday	13:00	207°	+67°	0 dB	0°	207°	+67°	314°	+25°	5.4dB	439°K	403470 -71 Hz
2022-04-06	Wednesday	13:30	221°	+64°	0 dB	0°	221°	+64°	321°	+25°	5.5dB	442°K	403501 -105 Hz
2022-04-06	Wednesday	14:00	233°	+60°	0 dB	0°	233°	+60°	329°	+25°	5.5dB	444°K	403531 -138 Hz
2022-04-06	Wednesday	14:30	243°	+56°	0 dB	0°	243°	+56°	336°	+25°	5.5dB	446°K	403561 -168 Hz
2022-04-06	Wednesday	15:00	251°	+51°	0 dB	0°	251°	+51°	343°	+25°	5.5dB	449°K	403591 -196 Hz
2022-04-06	Wednesday	15:30	258°	+46°	0 dB	0°	258°	+46°	351°	+25°	5.6dB	451°K	403620 -221 Hz
2022-04-06	Wednesday	16:00	264°	+41°	0 dB	0°	264°	+41°	358°	+25°	5.6dB	453°K	403648 -242 Hz
2022-04-06	Wednesday	16:30	269°	+36°	0 dB	0°	269°	+36°	5°	+25°	5.6dB	456°K	403676 -259 Hz
2022-04-06	Wednesday	17:00	274°	+31°	0 dB	0°	274°	+31°	12°	+25°	5.6dB	458°K	403704 -273 Hz
2022-04-06	Wednesday	17:30	279°	+26°	0 dB	0°	279°	+26°	20°	+25°	5.6dB	460°K	403731 -282 Hz
2022-04-06	Wednesday	18:00	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	5.7dB	463°K	403757 -286 Hz
2022-04-06	Wednesday	18:30	289°	+16°	0 dB	0°	289°	+16°	34°	+25°	5.7dB	465°K	403783 -286 Hz
2022-04-06	Wednesday	19:00	294°	+12°	0 dB	0°	294°	+12°	41°	+25°	5.7dB	467°K	403809 -282 Hz
2022-04-06	Wednesday	19:30	298°	+7°	0 dB	0°	298°	+7°	49°	+25°	5.7dB	470°K	403834 -274 Hz
2022-04-06	Wednesday	20:00	303°	+3°	0 dB	0°	303°	+3°	56°	+25°	5.7dB	472°K	403859 -261 Hz
2022-04-07	Thursday	05:00	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	6.0dB	500°K	404215 +233 Hz
2022-04-07	Thursday	05:30	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	6.0dB	500°K	404230 +248 Hz
2022-04-07	Thursday	06:00	063°	+10°	0 dB	0°	063°	+10°	201°	+26°	6.0dB	500°K	404245 +258 Hz
2022-04-07	Thursday	06:30	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	6.0dB	500°K	404259 +264 Hz
2022-04-07	Thursday	07:00	073°	+19°	0 dB	0°	073°	+19°	215°	+26°	6.0dB	500°K	404272 +266 Hz
2022-04-07	Thursday	07:30	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	6.0dB	500°K	404285 +264 Hz
2022-04-07	Thursday	08:00	082°	+29°	0 dB	0°	082°	+29°	230°	+26°	6.0dB	500°K	404297 +257 Hz
2022-04-07	Thursday	08:30	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	6.0dB	500°K	404309 +246 Hz
2022-04-07	Thursday	09:00	092°	+39°	0 dB	0°	092°	+39°	244°	+26°	6.0dB	500°K	404320 +231 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-07	Thursday	09:30	098°	+44°	0 dB	0°	098°	+44°	251°	+26°	6.0dB	500°K	404331 +212 Hz
2022-04-07	Thursday	10:00	104°	+49°	0 dB	0°	104°	+49°	259°	+26°	6.0dB	500°K	404341 +189 Hz
2022-04-07	Thursday	10:30	111°	+54°	0 dB	0°	111°	+54°	266°	+26°	6.0dB	500°K	404351 +163 Hz
2022-04-07	Thursday	11:00	119°	+59°	0 dB	0°	119°	+59°	273°	+26°	6.0dB	500°K	404360 +134 Hz
2022-04-07	Thursday	11:30	130°	+63°	0 dB	0°	130°	+63°	280°	+26°	6.0dB	500°K	404369 +103 Hz
2022-04-07	Thursday	12:00	143°	+67°	0 dB	0°	143°	+67°	288°	+26°	6.0dB	500°K	404377 +70 Hz
2022-04-07	Thursday	12:30	159°	+69°	0 dB	0°	159°	+69°	295°	+26°	6.0dB	500°K	404384 +36 Hz
2022-04-07	Thursday	13:00	178°	+70°	0 dB	0°	178°	+70°	302°	+26°	6.0dB	500°K	404391 +1 Hz
2022-04-07	Thursday	13:30	197°	+70°	0 dB	0°	197°	+70°	309°	+27°	6.0dB	500°K	404398 -34 Hz
2022-04-07	Thursday	14:00	214°	+67°	0 dB	0°	214°	+67°	317°	+27°	6.0dB	500°K	404404 -69 Hz
2022-04-07	Thursday	14:30	228°	+64°	0 dB	0°	228°	+64°	324°	+27°	6.0dB	500°K	404409 -102 Hz
2022-04-07	Thursday	15:00	239°	+60°	0 dB	0°	239°	+60°	331°	+27°	6.0dB	500°K	404414 -134 Hz
2022-04-07	Thursday	15:30	248°	+55°	0 dB	0°	248°	+55°	338°	+27°	6.0dB	500°K	404419 -163 Hz
2022-04-07	Thursday	16:00	255°	+51°	0 dB	0°	255°	+51°	346°	+27°	6.0dB	497°K	404422 -189 Hz
2022-04-07	Thursday	16:30	261°	+46°	0 dB	0°	261°	+46°	353°	+27°	5.9dB	494°K	404426 -213 Hz
2022-04-07	Thursday	17:00	267°	+41°	0 dB	0°	267°	+41°	0°	+27°	5.9dB	490°K	404428 -232 Hz
2022-04-07	Thursday	17:30	272°	+36°	0 dB	0°	272°	+36°	7°	+27°	5.9dB	487°K	404431 -248 Hz
2022-04-07	Thursday	18:00	277°	+30°	0 dB	0°	277°	+30°	15°	+27°	5.9dB	484°K	404432 -260 Hz
2022-04-07	Thursday	18:30	282°	+25°	0 dB	0°	282°	+25°	22°	+27°	5.8dB	481°K	404433 -268 Hz
2022-04-07	Thursday	19:00	287°	+21°	0 dB	0°	287°	+21°	29°	+27°	5.8dB	478°K	404434 -271 Hz
2022-04-07	Thursday	19:30	291°	+16°	0 dB	0°	291°	+16°	36°	+27°	5.8dB	474°K	404434 -270 Hz
2022-04-07	Thursday	20:00	296°	+11°	0 dB	0°	296°	+11°	44°	+27°	5.8dB	471°K	404433 -264 Hz
2022-04-07	Thursday	20:30	301°	+7°	0 dB	0°	301°	+7°	51°	+27°	5.7dB	468°K	404432 -254 Hz
2022-04-07	Thursday	21:00	306°	+3°	0 dB	0°	306°	+3°	58°	+27°	5.7dB	465°K	404431 -241 Hz
2022-04-08	Fri day	06:00	054°	+3°	0 dB	0°	054°	+3°	188°	+27°	5.2dB	410°K	404307 +250 Hz
2022-04-08	Fri day	06:30	059°	+7°	0 dB	0°	059°	+7°	196°	+27°	5.2dB	408°K	404295 +263 Hz
2022-04-08	Fri day	07:00	064°	+12°	0 dB	0°	064°	+12°	203°	+27°	5.2dB	407°K	404282 +272 Hz
2022-04-08	Fri day	07:30	069°	+16°	0 dB	0°	069°	+16°	210°	+27°	5.2dB	405°K	404269 +277 Hz
2022-04-08	Fri day	08:00	073°	+21°	0 dB	0°	073°	+21°	217°	+27°	5.2dB	404°K	404255 +278 Hz
2022-04-08	Fri day	08:30	078°	+26°	0 dB	0°	078°	+26°	225°	+27°	5.1dB	402°K	404241 +274 Hz
2022-04-08	Fri day	09:00	083°	+31°	0 dB	0°	083°	+31°	232°	+27°	5.1dB	400°K	404226 +267 Hz
2022-04-08	Fri day	09:30	088°	+36°	0 dB	0°	088°	+36°	239°	+27°	5.1dB	399°K	404210 +254 Hz
2022-04-08	Fri day	10:00	093°	+41°	0 dB	0°	093°	+41°	246°	+27°	5.1dB	397°K	404194 +238 Hz
2022-04-08	Fri day	10:30	099°	+46°	0 dB	0°	099°	+46°	254°	+27°	5.1dB	395°K	404178 +218 Hz
2022-04-08	Fri day	11:00	105°	+51°	0 dB	0°	105°	+51°	261°	+27°	5.1dB	394°K	404161 +195 Hz
2022-04-08	Fri day	11:30	113°	+56°	0 dB	0°	113°	+56°	268°	+27°	5.0dB	392°K	404143 +168 Hz
2022-04-08	Fri day	12:00	122°	+61°	0 dB	0°	122°	+61°	275°	+27°	5.0dB	391°K	404125 +138 Hz
2022-04-08	Fri day	12:30	133°	+65°	0 dB	0°	133°	+65°	283°	+27°	5.0dB	389°K	404106 +107 Hz
2022-04-08	Fri day	13:00	147°	+68°	0 dB	0°	147°	+68°	290°	+27°	5.0dB	387°K	404087 +73 Hz
2022-04-08	Fri day	13:30	164°	+70°	0 dB	0°	164°	+70°	297°	+27°	5.0dB	386°K	404067 +39 Hz
2022-04-08	Fri day	14:00	184°	+71°	0 dB	0°	184°	+71°	304°	+27°	5.0dB	384°K	404046 +4 Hz
2022-04-08	Fri day	14:30	203°	+69°	0 dB	0°	203°	+69°	312°	+27°	5.0dB	383°K	404025 -31 Hz
2022-04-08	Fri day	15:00	219°	+67°	0 dB	0°	219°	+67°	319°	+27°	4.9dB	381°K	404003 -65 Hz
2022-04-08	Fri day	15:30	232°	+63°	0 dB	0°	232°	+63°	326°	+27°	4.9dB	379°K	403981 -98 Hz
2022-04-08	Fri day	16:00	242°	+59°	0 dB	0°	242°	+59°	333°	+27°	4.9dB	378°K	403959 -128 Hz
2022-04-08	Fri day	16:30	250°	+54°	0 dB	0°	250°	+54°	341°	+27°	4.9dB	376°K	403935 -157 Hz
2022-04-08	Fri day	17:00	257°	+49°	0 dB	0°	257°	+49°	348°	+27°	4.9dB	375°K	403911 -183 Hz
2022-04-08	Fri day	17:30	263°	+44°	0 dB	0°	263°	+44°	355°	+27°	4.8dB	373°K	403887 -205 Hz
2022-04-08	Fri day	18:00	269°	+39°	0 dB	0°	269°	+39°	2°	+27°	4.8dB	371°K	403862 -224 Hz
2022-04-08	Fri day	18:30	274°	+34°	0 dB	0°	274°	+34°	10°	+27°	4.8dB	370°K	403837 -238 Hz
2022-04-08	Fri day	19:00	279°	+29°	0 dB	0°	279°	+29°	17°	+27°	4.8dB	368°K	403810 -249 Hz
2022-04-08	Fri day	19:30	284°	+24°	0 dB	0°	284°	+24°	24°	+27°	4.8dB	365°K	403784 -255 Hz
2022-04-08	Fri day	20:00	288°	+19°	0 dB	0°	288°	+19°	31°	+27°	4.7dB	363°K	403757 -257 Hz
2022-04-08	Fri day	20:30	293°	+14°	0 dB	0°	293°	+14°	39°	+27°	4.7dB	361°K	403729 -255 Hz
2022-04-08	Fri day	21:00	298°	+10°	0 dB	0°	298°	+10°	46°	+27°	4.7dB	358°K	403701 -248 Hz
2022-04-08	Fri day	21:30	302°	+5°	0 dB	0°	302°	+5°	53°	+27°	4.7dB	356°K	403672 -237 Hz
2022-04-08	Fri day	22:00	307°	+1°	0 dB	0°	307°	+1°	60°	+27°	4.6dB	353°K	403642 -223 Hz
2022-04-09	Saturday	06:30	051°	-0°	0 dB	0°	051°	-0°	183°	+26°	4.1dB	312°K	403057 +253 Hz
2022-04-09	Saturday	07:00	056°	+4°	0 dB	0°	056°	+4°	191°	+26°	4.1dB	310°K	403018 +269 Hz
2022-04-09	Saturday	07:30	061°	+8°	0 dB	0°	061°	+8°	198°	+26°	4.1dB	308°K	402978 +281 Hz
2022-04-09	Saturday	08:00	066°	+13°	0 dB	0°	066°	+13°	205°	+26°	4.1dB	305°K	402938 +289 Hz
2022-04-09	Saturday	08:30	071°	+17°	0 dB	0°	071°	+17°	212°	+26°	4.0dB	303°K	402897 +293 Hz
2022-04-09	Saturday	09:00	075°	+22°	0 dB	0°	075°	+22°	220°	+26°	4.0dB	300°K	402855 +293 Hz
2022-04-09	Saturday	09:30	080°	+27°	0 dB	0°	080°	+27°	227°	+26°	4.0dB	297°K	402813 +288 Hz
2022-04-09	Saturday	10:00	085°	+32°	0 dB	0°	085°	+32°	234°	+26°	3.9dB	294°K	402770 +279 Hz
2022-04-09	Saturday	10:30	090°	+37°	0 dB	0°	090°	+37°	241°	+26°	3.9dB	291°K	402727 +265 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-09	Saturday	11:00	096°	+42°	0 dB	0°	096°	+42°	249°	+26°	3.8dB	288°K	402684 +248 Hz
2022-04-09	Saturday	11:30	102°	+47°	0 dB	0°	102°	+47°	256°	+26°	3.8dB	285°K	402639 +227 Hz
2022-04-09	Saturday	12:00	108°	+52°	0 dB	0°	108°	+52°	263°	+26°	3.8dB	283°K	402594 +202 Hz
2022-04-09	Saturday	12:30	116°	+57°	0 dB	0°	116°	+57°	270°	+26°	3.7dB	280°K	402549 +174 Hz
2022-04-09	Saturday	13:00	126°	+61°	0 dB	0°	126°	+61°	278°	+26°	3.7dB	277°K	402503 +144 Hz
2022-04-09	Saturday	13:30	138°	+65°	0 dB	0°	138°	+65°	285°	+26°	3.7dB	274°K	402457 +111 Hz
2022-04-09	Saturday	14:00	153°	+68°	0 dB	0°	153°	+68°	292°	+26°	3.6dB	271°K	402410 +77 Hz
2022-04-09	Saturday	14:30	171°	+69°	0 dB	0°	171°	+69°	299°	+26°	3.6dB	268°K	402362 +42 Hz
2022-04-09	Saturday	15:00	189°	+69°	0 dB	0°	189°	+69°	307°	+26°	3.5dB	265°K	402314 +7 Hz
2022-04-09	Saturday	15:30	207°	+68°	0 dB	0°	207°	+68°	314°	+26°	3.5dB	263°K	402266 -28 Hz
2022-04-09	Saturday	16:00	222°	+65°	0 dB	0°	222°	+65°	321°	+26°	3.5dB	260°K	402217 -62 Hz
2022-04-09	Saturday	16:30	234°	+61°	0 dB	0°	234°	+61°	328°	+26°	3.4dB	257°K	402167 -95 Hz
2022-04-09	Saturday	17:00	243°	+57°	0 dB	0°	243°	+57°	336°	+26°	3.4dB	254°K	402117 -125 Hz
2022-04-09	Saturday	17:30	251°	+52°	0 dB	0°	251°	+52°	343°	+26°	3.3dB	251°K	402066 -153 Hz
2022-04-09	Saturday	18:00	258°	+47°	0 dB	0°	258°	+47°	350°	+26°	3.3dB	248°K	402015 -178 Hz
2022-04-09	Saturday	18:30	264°	+42°	0 dB	0°	264°	+42°	357°	+26°	3.2dB	245°K	401963 -200 Hz
2022-04-09	Saturday	19:00	269°	+37°	0 dB	0°	269°	+37°	5°	+26°	3.2dB	243°K	401911 -217 Hz
2022-04-09	Saturday	19:30	274°	+32°	0 dB	0°	274°	+32°	12°	+26°	3.2dB	240°K	401858 -231 Hz
2022-04-09	Saturday	20:00	279°	+27°	0 dB	0°	279°	+27°	19°	+26°	3.1dB	237°K	401805 -241 Hz
2022-04-09	Saturday	20:30	284°	+22°	0 dB	0°	284°	+22°	26°	+25°	3.1dB	234°K	401751 -246 Hz
2022-04-09	Saturday	21:00	289°	+17°	0 dB	0°	289°	+17°	34°	+25°	3.0dB	231°K	401696 -246 Hz
2022-04-09	Saturday	21:30	293°	+12°	0 dB	0°	293°	+12°	41°	+25°	3.0dB	228°K	401641 -243 Hz
2022-04-09	Saturday	22:00	298°	+7°	0 dB	0°	298°	+7°	48°	+25°	2.9dB	226°K	401586 -235 Hz
2022-04-09	Saturday	22:30	303°	+3°	0 dB	0°	303°	+3°	55°	+25°	2.9dB	225°K	401530 -223 Hz
2022-04-10	Sunday	07:30	054°	-0°	0 dB	0°	054°	-0°	186°	+25°	2.6dB	208°K	400435 +275 Hz
2022-04-10	Sunday	08:00	059°	+4°	0 dB	0°	059°	+4°	193°	+24°	2.6dB	207°K	400370 +290 Hz
2022-04-10	Sunday	08:30	064°	+8°	0 dB	0°	064°	+8°	200°	+24°	2.6dB	206°K	400304 +301 Hz
2022-04-10	Sunday	09:00	069°	+13°	0 dB	0°	069°	+13°	208°	+24°	2.6dB	205°K	400237 +308 Hz
2022-04-10	Sunday	09:30	074°	+18°	0 dB	0°	074°	+18°	215°	+24°	2.5dB	204°K	400170 +311 Hz
2022-04-10	Sunday	10:00	079°	+22°	0 dB	0°	079°	+22°	222°	+24°	2.5dB	203°K	400102 +309 Hz
2022-04-10	Sunday	10:30	083°	+27°	0 dB	0°	083°	+27°	229°	+24°	2.5dB	202°K	400034 +302 Hz
2022-04-10	Sunday	11:00	089°	+32°	0 dB	0°	089°	+32°	237°	+24°	2.5dB	201°K	399966 +292 Hz
2022-04-10	Sunday	11:30	094°	+37°	0 dB	0°	094°	+37°	244°	+24°	2.5dB	200°K	399897 +277 Hz
2022-04-10	Sunday	12:00	100°	+43°	0 dB	0°	100°	+43°	251°	+24°	2.4dB	199°K	399827 +258 Hz
2022-04-10	Sunday	12:30	106°	+47°	0 dB	0°	106°	+47°	258°	+24°	2.4dB	198°K	399757 +235 Hz
2022-04-10	Sunday	13:00	113°	+52°	0 dB	0°	113°	+52°	266°	+24°	2.4dB	197°K	399687 +209 Hz
2022-04-10	Sunday	13:30	122°	+57°	0 dB	0°	122°	+57°	273°	+24°	2.4dB	196°K	399616 +180 Hz
2022-04-10	Sunday	14:00	132°	+61°	0 dB	0°	132°	+61°	280°	+24°	2.4dB	195°K	399545 +148 Hz
2022-04-10	Sunday	14:30	145°	+64°	0 dB	0°	145°	+64°	287°	+24°	2.3dB	194°K	399473 +114 Hz
2022-04-10	Sunday	15:00	160°	+66°	0 dB	0°	160°	+66°	295°	+24°	2.3dB	194°K	399401 +79 Hz
2022-04-10	Sunday	15:30	177°	+67°	0 dB	0°	177°	+67°	302°	+24°	2.3dB	193°K	399328 +43 Hz
2022-04-10	Sunday	16:00	194°	+67°	0 dB	0°	194°	+67°	309°	+24°	2.3dB	192°K	399255 +7 Hz
2022-04-10	Sunday	16:30	210°	+65°	0 dB	0°	210°	+65°	316°	+24°	2.3dB	191°K	399181 -28 Hz
2022-04-10	Sunday	17:00	223°	+62°	0 dB	0°	223°	+62°	324°	+23°	2.3dB	190°K	399107 -62 Hz
2022-04-10	Sunday	17:30	234°	+58°	0 dB	0°	234°	+58°	331°	+23°	2.2dB	189°K	399032 -95 Hz
2022-04-10	Sunday	18:00	243°	+53°	0 dB	0°	243°	+53°	338°	+23°	2.2dB	188°K	398957 -126 Hz
2022-04-10	Sunday	18:30	251°	+49°	0 dB	0°	251°	+49°	345°	+23°	2.2dB	187°K	398881 -153 Hz
2022-04-10	Sunday	19:00	258°	+44°	0 dB	0°	258°	+44°	353°	+23°	2.2dB	186°K	398805 -178 Hz
2022-04-10	Sunday	19:30	263°	+39°	0 dB	0°	263°	+39°	360°	+23°	2.1dB	185°K	398729 -198 Hz
2022-04-10	Sunday	20:00	269°	+33°	0 dB	0°	269°	+33°	7°	+23°	2.1dB	184°K	398652 -215 Hz
2022-04-10	Sunday	20:30	274°	+28°	0 dB	0°	274°	+28°	14°	+23°	2.1dB	183°K	398575 -228 Hz
2022-04-10	Sunday	21:00	279°	+23°	0 dB	0°	279°	+23°	22°	+23°	2.1dB	182°K	398497 -236 Hz
2022-04-10	Sunday	21:30	284°	+18°	0 dB	0°	284°	+18°	29°	+23°	2.1dB	181°K	398419 -240 Hz
2022-04-10	Sunday	22:00	288°	+13°	0 dB	0°	288°	+13°	36°	+23°	2.0dB	180°K	398340 -239 Hz
2022-04-10	Sunday	22:30	293°	+8°	0 dB	0°	293°	+8°	43°	+23°	2.0dB	180°K	398261 -234 Hz
2022-04-10	Sunday	23:00	298°	+4°	0 dB	0°	298°	+4°	51°	+23°	2.0dB	179°K	398181 -224 Hz
2022-04-10	Sunday	23:30	303°	-0°	0 dB	0°	303°	-0°	58°	+23°	2.0dB	178°K	398101 -211 Hz
2022-04-11	Monday	09:00	063°	+3°	0 dB	0°	063°	+3°	196°	+21°	1.9dB	178°K	396502 +311 Hz
2022-04-11	Monday	09:30	068°	+8°	0 dB	0°	068°	+8°	203°	+21°	1.9dB	178°K	396414 +321 Hz
2022-04-11	Monday	10:00	073°	+12°	0 dB	0°	073°	+12°	210°	+21°	1.9dB	179°K	396325 +326 Hz
2022-04-11	Monday	10:30	078°	+17°	0 dB	0°	078°	+17°	218°	+21°	1.9dB	179°K	396236 +327 Hz
2022-04-11	Monday	11:00	083°	+22°	0 dB	0°	083°	+22°	225°	+21°	1.9dB	179°K	396147 +324 Hz
2022-04-11	Monday	11:30	088°	+27°	0 dB	0°	088°	+27°	232°	+21°	1.9dB	179°K	396057 +316 Hz
2022-04-11	Monday	12:00	093°	+32°	0 dB	0°	093°	+32°	239°	+21°	1.9dB	180°K	395967 +303 Hz
2022-04-11	Monday	12:30	099°	+37°	0 dB	0°	099°	+37°	247°	+21°	1.9dB	180°K	395877 +286 Hz
2022-04-11	Monday	13:00	105°	+42°	0 dB	0°	105°	+42°	254°	+21°	1.9dB	180°K	395786 +265 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-11	Monday	13:30	112°	+47°	0 dB	0°	112°	+47°	261°	+21°	1.9dB	181°K	395695 +241 Hz
2022-04-11	Monday	14:00	120°	+51°	0 dB	0°	120°	+51°	268°	+21°	1.9dB	181°K	395603 +212 Hz
2022-04-11	Monday	14:30	129°	+56°	0 dB	0°	129°	+56°	276°	+20°	1.9dB	181°K	395511 +181 Hz
2022-04-11	Monday	15:00	140°	+59°	0 dB	0°	140°	+59°	283°	+20°	2.0dB	182°K	395419 +148 Hz
2022-04-11	Monday	15:30	153°	+62°	0 dB	0°	153°	+62°	290°	+20°	1.9dB	182°K	395326 +113 Hz
2022-04-11	Monday	16:00	168°	+63°	0 dB	0°	168°	+63°	297°	+20°	1.9dB	182°K	395233 +77 Hz
2022-04-11	Monday	16:30	183°	+64°	0 dB	0°	183°	+64°	305°	+20°	1.9dB	182°K	395140 +40 Hz
2022-04-11	Monday	17:00	199°	+63°	0 dB	0°	199°	+63°	312°	+20°	2.0dB	183°K	395046 +3 Hz
2022-04-11	Monday	17:30	212°	+60°	0 dB	0°	212°	+60°	319°	+20°	1.9dB	183°K	394952 -33 Hz
2022-04-11	Monday	18:00	224°	+57°	0 dB	0°	224°	+57°	326°	+20°	1.9dB	183°K	394858 -68 Hz
2022-04-11	Monday	18:30	234°	+53°	0 dB	0°	234°	+53°	334°	+20°	1.9dB	183°K	394763 -101 Hz
2022-04-11	Monday	19:00	243°	+49°	0 dB	0°	243°	+49°	341°	+20°	1.9dB	183°K	394668 -131 Hz
2022-04-11	Monday	19:30	250°	+44°	0 dB	0°	250°	+44°	348°	+20°	1.9dB	183°K	394573 -159 Hz
2022-04-11	Monday	20:00	256°	+39°	0 dB	0°	256°	+39°	355°	+20°	1.9dB	183°K	394477 -182 Hz
2022-04-11	Monday	20:30	262°	+34°	0 dB	0°	262°	+34°	3°	+20°	1.9dB	184°K	394381 -202 Hz
2022-04-11	Monday	21:00	268°	+29°	0 dB	0°	268°	+29°	10°	+19°	1.9dB	184°K	394285 -218 Hz
2022-04-11	Monday	21:30	273°	+24°	0 dB	0°	273°	+24°	17°	+19°	1.9dB	184°K	394188 -229 Hz
2022-04-11	Monday	22:00	278°	+19°	0 dB	0°	278°	+19°	24°	+19°	1.9dB	184°K	394091 -236 Hz
2022-04-11	Monday	22:30	283°	+14°	0 dB	0°	283°	+14°	32°	+19°	1.9dB	184°K	393994 -238 Hz
2022-04-11	Monday	23:00	288°	+9°	0 dB	0°	288°	+9°	39°	+19°	1.9dB	184°K	393896 -235 Hz
2022-04-11	Monday	23:30	293°	+4°	0 dB	0°	293°	+4°	46°	+19°	1.9dB	184°K	393798 -228 Hz
2022-04-12	Tuesday	10:00	068°	+2°	0 dB	0°	068°	+2°	199°	+17°	1.9dB	189°K	391676 +329 Hz
2022-04-12	Tuesday	10:30	073°	+7°	0 dB	0°	073°	+7°	206°	+17°	1.9dB	189°K	391572 +338 Hz
2022-04-12	Tuesday	11:00	078°	+11°	0 dB	0°	078°	+11°	213°	+17°	1.9dB	189°K	391468 +341 Hz
2022-04-12	Tuesday	11:30	083°	+16°	0 dB	0°	083°	+16°	221°	+17°	1.9dB	190°K	391363 +340 Hz
2022-04-12	Tuesday	12:00	089°	+21°	0 dB	0°	089°	+21°	228°	+17°	1.9dB	190°K	391259 +335 Hz
2022-04-12	Tuesday	12:30	094°	+26°	0 dB	0°	094°	+26°	235°	+17°	1.9dB	190°K	391154 +325 Hz
2022-04-12	Tuesday	13:00	100°	+31°	0 dB	0°	100°	+31°	242°	+17°	1.9dB	190°K	391049 +310 Hz
2022-04-12	Tuesday	13:30	106°	+36°	0 dB	0°	106°	+36°	250°	+16°	1.9dB	191°K	390943 +291 Hz
2022-04-12	Tuesday	14:00	112°	+41°	0 dB	0°	112°	+41°	257°	+16°	1.9dB	191°K	390838 +267 Hz
2022-04-12	Tuesday	14:30	120°	+45°	0 dB	0°	120°	+45°	264°	+16°	1.9dB	191°K	390732 +240 Hz
2022-04-12	Tuesday	15:00	128°	+50°	0 dB	0°	128°	+50°	271°	+16°	1.9dB	192°K	390626 +210 Hz
2022-04-12	Tuesday	15:30	138°	+53°	0 dB	0°	138°	+53°	279°	+16°	1.9dB	192°K	390520 +177 Hz
2022-04-12	Tuesday	16:00	149°	+56°	0 dB	0°	149°	+56°	286°	+16°	1.9dB	192°K	390414 +142 Hz
2022-04-12	Tuesday	16:30	162°	+58°	0 dB	0°	162°	+58°	293°	+16°	1.9dB	193°K	390307 +105 Hz
2022-04-12	Tuesday	17:00	175°	+59°	0 dB	0°	175°	+59°	300°	+16°	1.9dB	193°K	390200 +67 Hz
2022-04-12	Tuesday	17:30	189°	+59°	0 dB	0°	189°	+59°	308°	+16°	1.9dB	193°K	390093 +29 Hz
2022-04-12	Tuesday	18:00	202°	+57°	0 dB	0°	202°	+57°	315°	+16°	1.9dB	193°K	389986 -8 Hz
2022-04-12	Tuesday	18:30	214°	+55°	0 dB	0°	214°	+55°	322°	+15°	1.9dB	194°K	389879 -45 Hz
2022-04-12	Tuesday	19:00	225°	+52°	0 dB	0°	225°	+52°	329°	+15°	1.9dB	194°K	389771 -80 Hz
2022-04-12	Tuesday	19:30	234°	+48°	0 dB	0°	234°	+48°	337°	+15°	1.9dB	194°K	389664 -113 Hz
2022-04-12	Tuesday	20:00	242°	+43°	0 dB	0°	242°	+43°	344°	+15°	1.9dB	195°K	389556 -142 Hz
2022-04-12	Tuesday	20:30	249°	+39°	0 dB	0°	249°	+39°	351°	+15°	1.9dB	195°K	389448 -169 Hz
2022-04-12	Tuesday	21:00	255°	+34°	0 dB	0°	255°	+34°	359°	+15°	1.9dB	195°K	389340 -192 Hz
2022-04-12	Tuesday	21:30	261°	+29°	0 dB	0°	261°	+29°	6°	+15°	1.9dB	196°K	389231 -210 Hz
2022-04-12	Tuesday	22:00	266°	+23°	0 dB	0°	266°	+23°	13°	+15°	1.9dB	196°K	389123 -224 Hz
2022-04-12	Tuesday	22:30	271°	+18°	0 dB	0°	271°	+18°	20°	+15°	1.9dB	196°K	389014 -234 Hz
2022-04-12	Tuesday	23:00	276°	+13°	0 dB	0°	276°	+13°	28°	+15°	1.9dB	196°K	388905 -239 Hz
2022-04-12	Tuesday	23:30	281°	+8°	0 dB	0°	281°	+8°	35°	+14°	1.9dB	197°K	388796 -239 Hz
2022-04-13	Wednesday	00:00	286°	+3°	0 dB	0°	286°	+3°	42°	+14°	1.9dB	197°K	388687 -234 Hz
2022-04-13	Wednesday	11:00	074°	+0°	0 dB	0°	074°	+0°	202°	+12°	1.9dB	203°K	386257 +343 Hz
2022-04-13	Wednesday	11:30	079°	+5°	0 dB	0°	079°	+5°	209°	+12°	1.9dB	204°K	386146 +349 Hz
2022-04-13	Wednesday	12:00	084°	+10°	0 dB	0°	084°	+10°	217°	+12°	1.9dB	204°K	386034 +351 Hz
2022-04-13	Wednesday	12:30	090°	+15°	0 dB	0°	090°	+15°	224°	+12°	1.9dB	204°K	385923 +347 Hz
2022-04-13	Wednesday	13:00	095°	+20°	0 dB	0°	095°	+20°	231°	+11°	1.9dB	205°K	385811 +339 Hz
2022-04-13	Wednesday	13:30	101°	+25°	0 dB	0°	101°	+25°	238°	+11°	1.9dB	205°K	385700 +327 Hz
2022-04-13	Wednesday	14:00	107°	+30°	0 dB	0°	107°	+30°	246°	+11°	1.9dB	205°K	385588 +309 Hz
2022-04-13	Wednesday	14:30	113°	+34°	0 dB	0°	113°	+34°	253°	+11°	1.9dB	206°K	385476 +288 Hz
2022-04-13	Wednesday	15:00	120°	+39°	0 dB	0°	120°	+39°	260°	+11°	1.9dB	206°K	385365 +262 Hz
2022-04-13	Wednesday	15:30	128°	+43°	0 dB	0°	128°	+43°	267°	+11°	1.9dB	206°K	385253 +233 Hz
2022-04-13	Wednesday	16:00	137°	+47°	0 dB	0°	137°	+47°	275°	+11°	1.9dB	206°K	385141 +200 Hz
2022-04-13	Wednesday	16:30	146°	+50°	0 dB	0°	146°	+50°	282°	+11°	1.9dB	207°K	385029 +165 Hz
2022-04-13	Wednesday	17:00	157°	+52°	0 dB	0°	157°	+52°	289°	+11°	1.9dB	207°K	384917 +129 Hz
2022-04-13	Wednesday	17:30	169°	+53°	0 dB	0°	169°	+53°	297°	+10°	1.9dB	207°K	384806 +90 Hz
2022-04-13	Wednesday	18:00	181°	+54°	0 dB	0°	181°	+54°	304°	+10°	1.9dB	208°K	384694 +51 Hz
2022-04-13	Wednesday	18:30	193°	+53°	0 dB	0°	193°	+53°	311°	+10°	1.9dB	208°K	384582 +13 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-13	Wednesday 19:00	205°	+51°	0 dB	0°	205°	+51°	318°	+10°	1.9dB	208°K	384470	-26 Hz
2022-04-13	Wednesday 19:30	215°	+49°	0 dB	0°	215°	+49°	326°	+10°	1.9dB	208°K	384358	-62 Hz
2022-04-13	Wednesday 20:00	225°	+45°	0 dB	0°	225°	+45°	333°	+10°	1.9dB	209°K	384246	-97 Hz
2022-04-13	Wednesday 20:30	233°	+41°	0 dB	0°	233°	+41°	340°	+10°	1.9dB	209°K	384134	-129 Hz
2022-04-13	Wednesday 21:00	240°	+37°	0 dB	0°	240°	+37°	347°	+10°	1.9dB	209°K	384023	-158 Hz
2022-04-13	Wednesday 21:30	247°	+32°	0 dB	0°	247°	+32°	355°	+10°	1.9dB	210°K	383911	-183 Hz
2022-04-13	Wednesday 22:00	253°	+27°	0 dB	0°	253°	+27°	2°	+9°	1.9dB	210°K	383799	-204 Hz
2022-04-13	Wednesday 22:30	259°	+22°	0 dB	0°	259°	+22°	9°	+9°	1.9dB	210°K	383687	-221 Hz
2022-04-13	Wednesday 23:00	264°	+17°	0 dB	0°	264°	+17°	16°	+9°	1.9dB	211°K	383575	-233 Hz
2022-04-13	Wednesday 23:30	270°	+12°	0 dB	0°	270°	+12°	24°	+9°	1.9dB	211°K	383464	-241 Hz
2022-04-14	Thursday 00:00	275°	+7°	0 dB	0°	275°	+7°	31°	+9°	1.9dB	211°K	383352	-244 Hz
2022-04-14	Thursday 00:30	280°	+2°	0 dB	0°	280°	+2°	38°	+9°	1.9dB	211°K	383240	-241 Hz
2022-04-14	Thursday 12:30	086°	+3°	0 dB	0°	086°	+3°	213°	+6°	2.3dB	244°K	380583	+352 Hz
2022-04-14	Thursday 13:00	091°	+8°	0 dB	0°	091°	+8°	220°	+6°	2.3dB	246°K	380474	+352 Hz
2022-04-14	Thursday 13:30	096°	+13°	0 dB	0°	096°	+13°	227°	+6°	2.3dB	248°K	380365	+346 Hz
2022-04-14	Thursday 14:00	102°	+18°	0 dB	0°	102°	+18°	235°	+6°	2.3dB	249°K	380256	+335 Hz
2022-04-14	Thursday 14:30	108°	+23°	0 dB	0°	108°	+23°	242°	+5°	2.4dB	251°K	380147	+320 Hz
2022-04-14	Thursday 15:00	114°	+27°	0 dB	0°	114°	+27°	249°	+5°	2.4dB	252°K	380038	+300 Hz
2022-04-14	Thursday 15:30	121°	+32°	0 dB	0°	121°	+32°	256°	+5°	2.4dB	254°K	379929	+276 Hz
2022-04-14	Thursday 16:00	128°	+36°	0 dB	0°	128°	+36°	264°	+5°	2.4dB	256°K	379821	+248 Hz
2022-04-14	Thursday 16:30	136°	+40°	0 dB	0°	136°	+40°	271°	+5°	2.4dB	257°K	379713	+217 Hz
2022-04-14	Thursday 17:00	145°	+43°	0 dB	0°	145°	+43°	278°	+5°	2.4dB	259°K	379605	+183 Hz
2022-04-14	Thursday 17:30	154°	+45°	0 dB	0°	154°	+45°	285°	+5°	2.4dB	260°K	379497	+146 Hz
2022-04-14	Thursday 18:00	165°	+47°	0 dB	0°	165°	+47°	293°	+5°	2.5dB	262°K	379389	+108 Hz
2022-04-14	Thursday 18:30	175°	+48°	0 dB	0°	175°	+48°	300°	+4°	2.5dB	264°K	379281	+69 Hz
2022-04-14	Thursday 19:00	186°	+47°	0 dB	0°	186°	+47°	307°	+4°	2.5dB	266°K	379174	+29 Hz
2022-04-14	Thursday 19:30	197°	+46°	0 dB	0°	197°	+46°	314°	+4°	2.5dB	268°K	379067	-10 Hz
2022-04-14	Thursday 20:00	207°	+44°	0 dB	0°	207°	+44°	322°	+4°	2.5dB	269°K	378960	-48 Hz
2022-04-14	Thursday 20:30	216°	+41°	0 dB	0°	216°	+41°	329°	+4°	2.6dB	271°K	378853	-84 Hz
2022-04-14	Thursday 21:00	225°	+38°	0 dB	0°	225°	+38°	336°	+4°	2.6dB	273°K	378746	-118 Hz
2022-04-14	Thursday 21:30	232°	+34°	0 dB	0°	232°	+34°	344°	+4°	2.6dB	275°K	378640	-149 Hz
2022-04-14	Thursday 22:00	239°	+30°	0 dB	0°	239°	+30°	351°	+4°	2.6dB	276°K	378533	-176 Hz
2022-04-14	Thursday 22:30	246°	+25°	0 dB	0°	246°	+25°	358°	+3°	2.6dB	278°K	378427	-200 Hz
2022-04-14	Thursday 23:00	252°	+20°	0 dB	0°	252°	+20°	5°	+3°	2.7dB	280°K	378322	-219 Hz
2022-04-14	Thursday 23:30	257°	+15°	0 dB	0°	257°	+15°	13°	+3°	2.7dB	282°K	378216	-234 Hz
2022-04-15	Fri day 00:00	263°	+10°	0 dB	0°	263°	+10°	20°	+3°	2.7dB	283°K	378111	-244 Hz
2022-04-15	Fri day 00:30	268°	+5°	0 dB	0°	268°	+5°	27°	+3°	2.7dB	285°K	378005	-249 Hz
2022-04-15	Fri day 01:00	273°	+0°	0 dB	0°	273°	+0°	34°	+3°	2.7dB	287°K	377900	-249 Hz
2022-04-15	Fri day 13:30	093°	+1°	0 dB	0°	093°	+1°	216°	-0°	2.9dB	313°K	375362	+346 Hz
2022-04-15	Fri day 14:00	098°	+6°	0 dB	0°	098°	+6°	223°	-1°	2.9dB	313°K	375264	+343 Hz
2022-04-15	Fri day 14:30	103°	+11°	0 dB	0°	103°	+11°	231°	-1°	2.9dB	313°K	375166	+335 Hz
2022-04-15	Fri day 15:00	109°	+15°	0 dB	0°	109°	+15°	238°	-1°	2.9dB	313°K	375069	+322 Hz
2022-04-15	Fri day 15:30	115°	+20°	0 dB	0°	115°	+20°	245°	-1°	2.9dB	313°K	374972	+304 Hz
2022-04-15	Fri day 16:00	121°	+24°	0 dB	0°	121°	+24°	252°	-1°	2.9dB	313°K	374876	+282 Hz
2022-04-15	Fri day 16:30	128°	+28°	0 dB	0°	128°	+28°	260°	-1°	2.9dB	313°K	374780	+256 Hz
2022-04-15	Fri day 17:00	135°	+32°	0 dB	0°	135°	+32°	267°	-1°	2.9dB	313°K	374684	+227 Hz
2022-04-15	Fri day 17:30	143°	+35°	0 dB	0°	143°	+35°	274°	-2°	2.9dB	313°K	374589	+194 Hz
2022-04-15	Fri day 18:00	152°	+38°	0 dB	0°	152°	+38°	281°	-2°	2.9dB	313°K	374493	+159 Hz
2022-04-15	Fri day 18:30	161°	+40°	0 dB	0°	161°	+40°	289°	-2°	2.9dB	313°K	374399	+121 Hz
2022-04-15	Fri day 19:00	170°	+41°	0 dB	0°	170°	+41°	296°	-2°	2.9dB	313°K	374304	+83 Hz
2022-04-15	Fri day 19:30	180°	+41°	0 dB	0°	180°	+41°	303°	-2°	2.9dB	313°K	374210	+43 Hz
2022-04-15	Fri day 20:00	190°	+41°	0 dB	0°	190°	+41°	310°	-2°	2.9dB	313°K	374116	+4 Hz
2022-04-15	Fri day 20:30	199°	+39°	0 dB	0°	199°	+39°	318°	-2°	2.9dB	313°K	374023	-35 Hz
2022-04-15	Fri day 21:00	208°	+37°	0 dB	0°	208°	+37°	325°	-2°	2.9dB	313°K	373930	-72 Hz
2022-04-15	Fri day 21:30	216°	+34°	0 dB	0°	216°	+34°	332°	-3°	2.9dB	313°K	373838	-107 Hz
2022-04-15	Fri day 22:00	224°	+31°	0 dB	0°	224°	+31°	339°	-3°	2.8dB	313°K	373745	-140 Hz
2022-04-15	Fri day 22:30	231°	+27°	0 dB	0°	231°	+27°	347°	-3°	2.8dB	313°K	373653	-169 Hz
2022-04-15	Fri day 23:00	238°	+23°	0 dB	0°	238°	+23°	354°	-3°	2.8dB	313°K	373562	-194 Hz
2022-04-15	Fri day 23:30	244°	+18°	0 dB	0°	244°	+18°	1°	-3°	2.8dB	312°K	373471	-216 Hz
2022-04-16	Saturday 00:00	250°	+13°	0 dB	0°	250°	+13°	8°	-3°	2.8dB	312°K	373380	-233 Hz
2022-04-16	Saturday 00:30	255°	+8°	0 dB	0°	255°	+8°	16°	-3°	2.8dB	312°K	373290	-246 Hz
2022-04-16	Saturday 01:00	260°	+3°	0 dB	0°	260°	+3°	23°	-4°	2.8dB	311°K	373200	-253 Hz
2022-04-16	Saturday 15:00	104°	+3°	0 dB	0°	104°	+3°	226°	-7°	2.6dB	307°K	370849	+326 Hz
2022-04-16	Saturday 15:30	110°	+8°	0 dB	0°	110°	+8°	233°	-7°	2.7dB	308°K	370772	+316 Hz
2022-04-16	Saturday 16:00	116°	+12°	0 dB	0°	116°	+12°	241°	-7°	2.7dB	309°K	370695	+301 Hz
2022-04-16	Saturday 16:30	122°	+17°	0 dB	0°	122°	+17°	248°	-8°	2.7dB	309°K	370618	+282 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-16	Saturday	17:00	128°	+21°	0 dB	0°	128°	+21°	255°	-8°	2.7dB	310°K	370542 +258 Hz
2022-04-16	Saturday	17:30	135°	+24°	0 dB	0°	135°	+24°	262°	-8°	2.7dB	311°K	370466 +231 Hz
2022-04-16	Saturday	18:00	142°	+28°	0 dB	0°	142°	+28°	270°	-8°	2.7dB	312°K	370391 +200 Hz
2022-04-16	Saturday	18:30	149°	+30°	0 dB	0°	149°	+30°	277°	-8°	2.7dB	312°K	370316 +167 Hz
2022-04-16	Saturday	19:00	158°	+32°	0 dB	0°	158°	+32°	284°	-8°	2.7dB	313°K	370242 +131 Hz
2022-04-16	Saturday	19:30	166°	+34°	0 dB	0°	166°	+34°	291°	-8°	2.7dB	314°K	370168 +94 Hz
2022-04-16	Saturday	20:00	175°	+35°	0 dB	0°	175°	+35°	299°	-8°	2.7dB	315°K	370095 +55 Hz
2022-04-16	Saturday	20:30	184°	+35°	0 dB	0°	184°	+35°	306°	-9°	2.7dB	316°K	370022 +17 Hz
2022-04-16	Saturday	21:00	192°	+34°	0 dB	0°	192°	+34°	313°	-9°	2.7dB	316°K	369950 -22 Hz
2022-04-16	Saturday	21:30	201°	+32°	0 dB	0°	201°	+32°	320°	-9°	2.7dB	317°K	369878 -59 Hz
2022-04-16	Saturday	22:00	209°	+30°	0 dB	0°	209°	+30°	328°	-9°	2.7dB	318°K	369807 -95 Hz
2022-04-16	Saturday	22:30	216°	+27°	0 dB	0°	216°	+27°	335°	-9°	2.7dB	319°K	369736 -129 Hz
2022-04-16	Saturday	23:00	223°	+24°	0 dB	0°	223°	+24°	342°	-9°	2.7dB	320°K	369666 -159 Hz
2022-04-16	Saturday	23:30	230°	+20°	0 dB	0°	230°	+20°	349°	-9°	2.7dB	320°K	369596 -187 Hz
2022-04-17	Sunday	00:00	236°	+16°	0 dB	0°	236°	+16°	357°	-9°	2.7dB	321°K	369527 -210 Hz
2022-04-17	Sunday	00:30	242°	+11°	0 dB	0°	242°	+11°	4°	-10°	2.8dB	322°K	369458 -230 Hz
2022-04-17	Sunday	01:00	247°	+7°	0 dB	0°	247°	+7°	11°	-10°	2.8dB	323°K	369389 -245 Hz
2022-04-17	Sunday	01:30	253°	+2°	0 dB	0°	253°	+2°	18°	-10°	2.8dB	324°K	369322 -255 Hz
2022-04-17	Sunday	16:00	110°	-0°	0 dB	0°	110°	-0°	228°	-13°	3.1dB	360°K	367582 +303 Hz
2022-04-17	Sunday	16:30	116°	+4°	0 dB	0°	116°	+4°	236°	-14°	3.1dB	361°K	367530 +291 Hz
2022-04-17	Sunday	17:00	121°	+9°	0 dB	0°	121°	+9°	243°	-14°	3.1dB	362°K	367478 +275 Hz
2022-04-17	Sunday	17:30	127°	+13°	0 dB	0°	127°	+13°	250°	-14°	3.1dB	363°K	367427 +255 Hz
2022-04-17	Sunday	18:00	133°	+16°	0 dB	0°	133°	+16°	257°	-14°	3.1dB	364°K	367377 +231 Hz
2022-04-17	Sunday	18:30	140°	+20°	0 dB	0°	140°	+20°	265°	-14°	3.1dB	366°K	367327 +204 Hz
2022-04-17	Sunday	19:00	147°	+23°	0 dB	0°	147°	+23°	272°	-14°	3.1dB	367°K	367278 +173 Hz
2022-04-17	Sunday	19:30	154°	+25°	0 dB	0°	154°	+25°	279°	-14°	3.1dB	368°K	367229 +140 Hz
2022-04-17	Sunday	20:00	162°	+27°	0 dB	0°	162°	+27°	286°	-14°	3.1dB	369°K	367181 +104 Hz
2022-04-17	Sunday	20:30	170°	+28°	0 dB	0°	170°	+28°	294°	-15°	3.2dB	370°K	367134 +68 Hz
2022-04-17	Sunday	21:00	178°	+28°	0 dB	0°	178°	+28°	301°	-15°	3.2dB	371°K	367087 +30 Hz
2022-04-17	Sunday	21:30	186°	+28°	0 dB	0°	186°	+28°	308°	-15°	3.2dB	373°K	367040 -8 Hz
2022-04-17	Sunday	22:00	193°	+27°	0 dB	0°	193°	+27°	315°	-15°	3.2dB	374°K	366994 -45 Hz
2022-04-17	Sunday	22:30	201°	+26°	0 dB	0°	201°	+26°	323°	-15°	3.2dB	375°K	366949 -81 Hz
2022-04-17	Sunday	23:00	208°	+23°	0 dB	0°	208°	+23°	330°	-15°	3.2dB	376°K	366904 -115 Hz
2022-04-17	Sunday	23:30	215°	+21°	0 dB	0°	215°	+21°	337°	-15°	3.2dB	377°K	366860 -146 Hz
2022-04-18	Monday	00:00	222°	+17°	0 dB	0°	222°	+17°	344°	-15°	3.2dB	378°K	366816 -175 Hz
2022-04-18	Monday	00:30	228°	+14°	0 dB	0°	228°	+14°	351°	-15°	3.2dB	380°K	366773 -201 Hz
2022-04-18	Monday	01:00	234°	+10°	0 dB	0°	234°	+10°	359°	-16°	3.2dB	381°K	366731 -222 Hz
2022-04-18	Monday	01:30	240°	+5°	0 dB	0°	240°	+5°	6°	-16°	3.3dB	382°K	366689 -240 Hz
2022-04-18	Monday	02:00	245°	+1°	0 dB	0°	245°	+1°	13°	-16°	3.3dB	383°K	366647 -254 Hz
2022-04-18	Monday	17:30	120°	+1°	0 dB	0°	120°	+1°	237°	-19°	3.5dB	416°K	365642 +265 Hz
2022-04-18	Monday	18:00	126°	+5°	0 dB	0°	126°	+5°	244°	-19°	3.5dB	418°K	365619 +249 Hz
2022-04-18	Monday	18:30	131°	+9°	0 dB	0°	131°	+9°	251°	-19°	3.6dB	420°K	365596 +229 Hz
2022-04-18	Monday	19:00	137°	+12°	0 dB	0°	137°	+12°	259°	-19°	3.6dB	423°K	365574 +205 Hz
2022-04-18	Monday	19:30	144°	+15°	0 dB	0°	144°	+15°	266°	-20°	3.6dB	425°K	365552 +178 Hz
2022-04-18	Monday	20:00	150°	+18°	0 dB	0°	150°	+18°	273°	-20°	3.6dB	428°K	365531 +148 Hz
2022-04-18	Monday	20:30	157°	+20°	0 dB	0°	157°	+20°	280°	-20°	3.6dB	430°K	365510 +116 Hz
2022-04-18	Monday	21:00	164°	+22°	0 dB	0°	164°	+22°	288°	-20°	3.7dB	433°K	365490 +81 Hz
2022-04-18	Monday	21:30	172°	+23°	0 dB	0°	172°	+23°	295°	-20°	3.7dB	435°K	365471 +46 Hz
2022-04-18	Monday	22:00	179°	+23°	0 dB	0°	179°	+23°	302°	-20°	3.7dB	438°K	365452 +10 Hz
2022-04-18	Monday	22:30	186°	+23°	0 dB	0°	186°	+23°	309°	-20°	3.7dB	440°K	365433 -26 Hz
2022-04-18	Monday	23:00	194°	+22°	0 dB	0°	194°	+22°	316°	-20°	3.8dB	443°K	365415 -62 Hz
2022-04-18	Monday	23:30	201°	+20°	0 dB	0°	201°	+20°	324°	-20°	3.8dB	445°K	365398 -96 Hz
2022-04-19	Tuesday	00:00	208°	+18°	0 dB	0°	208°	+18°	331°	-20°	3.8dB	448°K	365381 -129 Hz
2022-04-19	Tuesday	00:30	214°	+15°	0 dB	0°	214°	+15°	338°	-20°	3.8dB	450°K	365365 -159 Hz
2022-04-19	Tuesday	01:00	220°	+12°	0 dB	0°	220°	+12°	345°	-21°	3.8dB	453°K	365350 -186 Hz
2022-04-19	Tuesday	01:30	226°	+9°	0 dB	0°	226°	+9°	352°	-21°	3.9dB	455°K	365335 -210 Hz
2022-04-19	Tuesday	02:00	232°	+5°	0 dB	0°	232°	+5°	360°	-21°	3.9dB	458°K	365320 -231 Hz
2022-04-19	Tuesday	02:30	237°	+1°	0 dB	0°	237°	+1°	7°	-21°	3.9dB	460°K	365306 -247 Hz
2022-04-19	Tuesday	19:00	129°	+2°	0 dB	0°	129°	+2°	245°	-24°	5.1dB	634°K	365149 +227 Hz
2022-04-19	Tuesday	19:30	134°	+5°	0 dB	0°	134°	+5°	252°	-24°	5.2dB	646°K	365153 +207 Hz
2022-04-19	Tuesday	20:00	140°	+9°	0 dB	0°	140°	+9°	259°	-24°	5.3dB	657°K	365158 +184 Hz
2022-04-19	Tuesday	20:30	146°	+12°	0 dB	0°	146°	+12°	266°	-24°	5.4dB	668°K	365163 +158 Hz
2022-04-19	Tuesday	21:00	152°	+14°	0 dB	0°	152°	+14°	273°	-24°	5.4dB	679°K	365168 +129 Hz
2022-04-19	Tuesday	21:30	159°	+16°	0 dB	0°	159°	+16°	281°	-24°	5.5dB	691°K	365175 +98 Hz
2022-04-19	Tuesday	22:00	165°	+18°	0 dB	0°	165°	+18°	288°	-24°	5.5dB	702°K	365181 +65 Hz
2022-04-19	Tuesday	22:30	172°	+19°	0 dB	0°	172°	+19°	295°	-24°	5.6dB	713°K	365188 +31 Hz



Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-19	Tuesday 23:00	179°	+19°	0 dB	0°	179°	+19°	302°	-24°	5.7dB	724°K	365196	-4 Hz
2022-04-19	Tuesday 23:30	186°	+19°	0 dB	0°	186°	+19°	309°	-24°	5.7dB	736°K	365204	-39 Hz
2022-04-20	Wednesday00:00	193°	+18°	0 dB	0°	193°	+18°	317°	-24°	5.8dB	747°K	365213	-73 Hz
2022-04-20	Wednesday00:30	200°	+16°	0 dB	0°	200°	+16°	324°	-24°	5.9dB	758°K	365222	-106 Hz
2022-04-20	Wednesday01:00	206°	+14°	0 dB	0°	206°	+14°	331°	-24°	5.9dB	770°K	365232	-137 Hz
2022-04-20	Wednesday01:30	213°	+12°	0 dB	0°	213°	+12°	338°	-24°	6.0dB	781°K	365242	-166 Hz
2022-04-20	Wednesday02:00	218°	+9°	0 dB	0°	218°	+9°	345°	-24°	6.0dB	792°K	365253	-193 Hz
2022-04-20	Wednesday02:30	224°	+5°	0 dB	0°	224°	+5°	353°	-25°	6.1dB	804°K	365264	-216 Hz
2022-04-20	Wednesday03:00	230°	+2°	0 dB	0°	230°	+2°	360°	-25°	6.2dB	815°K	365276	-235 Hz
2022-04-20	Wednesday20:30	135°	+3°	0 dB	0°	135°	+3°	251°	-26°	10.3dB	2184°K	365975	+193 Hz
2022-04-20	Wednesday21:00	141°	+6°	0 dB	0°	141°	+6°	259°	-26°	10.4dB	2260°K	366003	+171 Hz
2022-04-20	Wednesday21:30	147°	+9°	0 dB	0°	147°	+9°	266°	-26°	10.6dB	2336°K	366031	+146 Hz
2022-04-20	Wednesday22:00	153°	+12°	0 dB	0°	153°	+12°	273°	-26°	10.7dB	2411°K	366060	+118 Hz
2022-04-20	Wednesday22:30	159°	+14°	0 dB	0°	159°	+14°	280°	-26°	10.8dB	2487°K	366089	+87 Hz
2022-04-20	Wednesday23:00	165°	+15°	0 dB	0°	165°	+15°	287°	-26°	11.0dB	2563°K	366118	+55 Hz
2022-04-20	Wednesday23:30	172°	+16°	0 dB	0°	172°	+16°	294°	-26°	11.1dB	2639°K	366148	+22 Hz
2022-04-21	Thursday 00:00	179°	+17°	0 dB	0°	179°	+17°	302°	-26°	11.2dB	2715°K	366178	-12 Hz
2022-04-21	Thursday 00:30	185°	+16°	0 dB	0°	185°	+16°	309°	-26°	11.3dB	2791°K	366209	-46 Hz
2022-04-21	Thursday 01:00	192°	+16°	0 dB	0°	192°	+16°	316°	-26°	11.4dB	2867°K	366240	-79 Hz
2022-04-21	Thursday 01:30	199°	+14°	0 dB	0°	199°	+14°	323°	-27°	11.6dB	2942°K	366272	-111 Hz
2022-04-21	Thursday 02:00	205°	+12°	0 dB	0°	205°	+12°	330°	-27°	11.7dB	3018°K	366304	-142 Hz
2022-04-21	Thursday 02:30	211°	+10°	0 dB	0°	211°	+10°	338°	-27°	11.8dB	3094°K	366336	-171 Hz
2022-04-21	Thursday 03:00	217°	+7°	0 dB	0°	217°	+7°	345°	-27°	11.9dB	3170°K	366369	-197 Hz
2022-04-21	Thursday 03:30	223°	+4°	0 dB	0°	223°	+4°	352°	-27°	12.0dB	3246°K	366402	-220 Hz
2022-04-21	Thursday 04:00	228°	+0°	0 dB	0°	228°	+0°	359°	-27°	12.0dB	3293°K	366435	-239 Hz
2022-04-21	Thursday 21:30	135°	+2°	0 dB	0°	135°	+2°	251°	-27°	8.4dB	1383°K	367831	+186 Hz
2022-04-21	Thursday 22:00	140°	+5°	0 dB	0°	140°	+5°	258°	-27°	8.3dB	1329°K	367876	+165 Hz
2022-04-21	Thursday 22:30	146°	+8°	0 dB	0°	146°	+8°	265°	-27°	8.1dB	1275°K	367922	+140 Hz
2022-04-21	Thursday 23:00	152°	+11°	0 dB	0°	152°	+11°	272°	-27°	7.9dB	1220°K	367969	+113 Hz
2022-04-21	Thursday 23:30	158°	+13°	0 dB	0°	158°	+13°	279°	-27°	7.7dB	1166°K	368015	+83 Hz
2022-04-22	Friday 00:00	165°	+15°	0 dB	0°	165°	+15°	287°	-27°	7.6dB	1112°K	368062	+51 Hz
2022-04-22	Friday 00:30	171°	+16°	0 dB	0°	171°	+16°	294°	-27°	7.4dB	1058°K	368110	+19 Hz
2022-04-22	Friday 01:00	178°	+16°	0 dB	0°	178°	+16°	301°	-27°	7.1dB	1003°K	368157	-15 Hz
2022-04-22	Friday 01:30	185°	+16°	0 dB	0°	185°	+16°	308°	-27°	6.9dB	949°K	368205	-49 Hz
2022-04-22	Friday 02:00	191°	+15°	0 dB	0°	191°	+15°	315°	-27°	6.7dB	895°K	368253	-82 Hz
2022-04-22	Friday 02:30	198°	+14°	0 dB	0°	198°	+14°	322°	-27°	6.5dB	861°K	368302	-115 Hz
2022-04-22	Friday 03:00	204°	+12°	0 dB	0°	204°	+12°	330°	-27°	6.5dB	846°K	368350	-145 Hz
2022-04-22	Friday 03:30	210°	+10°	0 dB	0°	210°	+10°	337°	-27°	6.4dB	830°K	368399	-174 Hz
2022-04-22	Friday 04:00	216°	+7°	0 dB	0°	216°	+7°	344°	-27°	6.3dB	815°K	368448	-201 Hz
2022-04-22	Friday 04:30	222°	+4°	0 dB	0°	222°	+4°	351°	-27°	6.2dB	800°K	368498	-224 Hz
2022-04-22	Friday 05:00	227°	+1°	0 dB	0°	227°	+1°	358°	-27°	6.2dB	784°K	368548	-244 Hz
2022-04-22	Friday 22:30	134°	+3°	0 dB	0°	134°	+3°	250°	-26°	3.6dB	403°K	370443	+185 Hz
2022-04-22	Friday 23:00	139°	+6°	0 dB	0°	139°	+6°	257°	-26°	3.6dB	397°K	370501	+164 Hz
2022-04-22	Friday 23:30	145°	+9°	0 dB	0°	145°	+9°	265°	-26°	3.5dB	390°K	370559	+139 Hz
2022-04-23	Saturday 00:00	151°	+12°	0 dB	0°	151°	+12°	272°	-26°	3.5dB	384°K	370618	+112 Hz
2022-04-23	Saturday 00:30	158°	+14°	0 dB	0°	158°	+14°	279°	-25°	3.4dB	377°K	370677	+82 Hz
2022-04-23	Saturday 01:00	164°	+16°	0 dB	0°	164°	+16°	286°	-25°	3.3dB	371°K	370735	+50 Hz
2022-04-23	Saturday 01:30	171°	+17°	0 dB	0°	171°	+17°	293°	-25°	3.3dB	368°K	370794	+17 Hz
2022-04-23	Saturday 02:00	178°	+18°	0 dB	0°	178°	+18°	301°	-25°	3.3dB	366°K	370854	-17 Hz
2022-04-23	Saturday 02:30	185°	+18°	0 dB	0°	185°	+18°	308°	-25°	3.3dB	364°K	370913	-51 Hz
2022-04-23	Saturday 03:00	191°	+17°	0 dB	0°	191°	+17°	315°	-25°	3.3dB	362°K	370973	-85 Hz
2022-04-23	Saturday 03:30	198°	+16°	0 dB	0°	198°	+16°	322°	-25°	3.2dB	360°K	371032	-119 Hz
2022-04-23	Saturday 04:00	205°	+14°	0 dB	0°	205°	+14°	329°	-25°	3.2dB	359°K	371092	-150 Hz
2022-04-23	Saturday 04:30	211°	+12°	0 dB	0°	211°	+12°	337°	-25°	3.2dB	357°K	371152	-180 Hz
2022-04-23	Saturday 05:00	217°	+9°	0 dB	0°	217°	+9°	344°	-25°	3.2dB	355°K	371213	-207 Hz
2022-04-23	Saturday 05:30	223°	+6°	0 dB	0°	223°	+6°	351°	-25°	3.2dB	353°K	371273	-231 Hz
2022-04-23	Saturday 06:00	228°	+2°	0 dB	0°	228°	+2°	358°	-25°	3.2dB	351°K	371334	-252 Hz
2022-04-23	Saturday 23:00	127°	+2°	0 dB	0°	127°	+2°	243°	-23°	3.0dB	326°K	373481	+206 Hz
2022-04-23	Saturday 23:30	133°	+6°	0 dB	0°	133°	+6°	251°	-23°	3.0dB	326°K	373547	+188 Hz
2022-04-24	Sunday 00:00	138°	+9°	0 dB	0°	138°	+9°	258°	-23°	3.0dB	326°K	373612	+166 Hz
2022-04-24	Sunday 00:30	144°	+12°	0 dB	0°	144°	+12°	265°	-23°	3.0dB	326°K	373678	+141 Hz
2022-04-24	Sunday 01:00	150°	+15°	0 dB	0°	150°	+15°	272°	-22°	3.0dB	326°K	373744	+112 Hz
2022-04-24	Sunday 01:30	157°	+17°	0 dB	0°	157°	+17°	279°	-22°	3.0dB	326°K	373809	+81 Hz
2022-04-24	Sunday 02:00	164°	+19°	0 dB	0°	164°	+19°	287°	-22°	3.0dB	326°K	373875	+48 Hz
2022-04-24	Sunday 02:30	171°	+20°	0 dB	0°	171°	+20°	294°	-22°	3.0dB	326°K	373941	+14 Hz
2022-04-24	Sunday 03:00	178°	+21°	0 dB	0°	178°	+21°	301°	-22°	3.0dB	326°K	374008	-21 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-24	Sunday	03:30	185°	+21°	0 dB	0°	185°	+21°	308°	-22°	3.0dB	326°K	374074 -57 Hz
2022-04-24	Sunday	04:00	192°	+20°	0 dB	0°	192°	+20°	315°	-22°	3.0dB	326°K	374140 -92 Hz
2022-04-24	Sunday	04:30	199°	+19°	0 dB	0°	199°	+19°	323°	-22°	3.0dB	326°K	374207 -126 Hz
2022-04-24	Sunday	05:00	206°	+17°	0 dB	0°	206°	+17°	330°	-22°	3.0dB	326°K	374273 -158 Hz
2022-04-24	Sunday	05:30	213°	+15°	0 dB	0°	213°	+15°	337°	-22°	3.0dB	326°K	374340 -189 Hz
2022-04-24	Sunday	06:00	219°	+12°	0 dB	0°	219°	+12°	344°	-22°	3.0dB	326°K	374406 -217 Hz
2022-04-24	Sunday	06:30	225°	+8°	0 dB	0°	225°	+8°	352°	-22°	3.0dB	326°K	374473 -241 Hz
2022-04-24	Sunday	07:00	231°	+5°	0 dB	0°	231°	+5°	359°	-21°	3.0dB	326°K	374540 -262 Hz
2022-04-24	Sunday	07:30	236°	+1°	0 dB	0°	236°	+1°	6°	-21°	3.0dB	326°K	374607 -280 Hz
2022-04-24	Sunday	23:30	120°	+2°	0 dB	0°	120°	+2°	237°	-19°	2.9dB	303°K	376790 +226 Hz
2022-04-25	Monday	00:00	126°	+6°	0 dB	0°	126°	+6°	245°	-18°	2.9dB	302°K	376859 +210 Hz
2022-04-25	Monday	00:30	131°	+10°	0 dB	0°	131°	+10°	252°	-18°	2.9dB	301°K	376929 +190 Hz
2022-04-25	Monday	01:00	137°	+14°	0 dB	0°	137°	+14°	259°	-18°	2.8dB	300°K	376998 +167 Hz
2022-04-25	Monday	01:30	143°	+17°	0 dB	0°	143°	+17°	266°	-18°	2.8dB	299°K	377068 +140 Hz
2022-04-25	Monday	02:00	150°	+20°	0 dB	0°	150°	+20°	274°	-18°	2.8dB	298°K	377137 +110 Hz
2022-04-25	Monday	02:30	157°	+22°	0 dB	0°	157°	+22°	281°	-18°	2.8dB	296°K	377207 +77 Hz
2022-04-25	Monday	03:00	164°	+24°	0 dB	0°	164°	+24°	288°	-18°	2.8dB	295°K	377276 +43 Hz
2022-04-25	Monday	03:30	172°	+25°	0 dB	0°	172°	+25°	295°	-18°	2.8dB	293°K	377346 +7 Hz
2022-04-25	Monday	04:00	180°	+26°	0 dB	0°	180°	+26°	303°	-18°	2.8dB	292°K	377415 -30 Hz
2022-04-25	Monday	04:30	187°	+25°	0 dB	0°	187°	+25°	310°	-18°	2.7dB	290°K	377485 -67 Hz
2022-04-25	Monday	05:00	195°	+24°	0 dB	0°	195°	+24°	317°	-17°	2.7dB	288°K	377555 -103 Hz
2022-04-25	Monday	05:30	202°	+23°	0 dB	0°	202°	+23°	324°	-17°	2.7dB	286°K	377625 -138 Hz
2022-04-25	Monday	06:00	209°	+21°	0 dB	0°	209°	+21°	332°	-17°	2.7dB	284°K	377695 -171 Hz
2022-04-25	Monday	06:30	216°	+18°	0 dB	0°	216°	+18°	339°	-17°	2.7dB	282°K	377764 -202 Hz
2022-04-25	Monday	07:00	223°	+15°	0 dB	0°	223°	+15°	346°	-17°	2.6dB	280°K	377834 -230 Hz
2022-04-25	Monday	07:30	229°	+11°	0 dB	0°	229°	+11°	353°	-17°	2.6dB	278°K	377904 -255 Hz
2022-04-25	Monday	08:00	235°	+8°	0 dB	0°	235°	+8°	1°	-17°	2.6dB	276°K	377974 -276 Hz
2022-04-25	Monday	08:30	240°	+3°	0 dB	0°	240°	+3°	8°	-17°	2.6dB	274°K	378044 -293 Hz
2022-04-26	Tuesday	00:00	113°	+3°	0 dB	0°	113°	+3°	233°	-13°	2.2dB	243°K	380232 +242 Hz
2022-04-26	Tuesday	00:30	119°	+7°	0 dB	0°	119°	+7°	240°	-13°	2.2dB	243°K	380303 +229 Hz
2022-04-26	Tuesday	01:00	124°	+12°	0 dB	0°	124°	+12°	247°	-13°	2.3dB	243°K	380374 +211 Hz
2022-04-26	Tuesday	01:30	130°	+16°	0 dB	0°	130°	+16°	254°	-13°	2.3dB	243°K	380445 +190 Hz
2022-04-26	Tuesday	02:00	137°	+19°	0 dB	0°	137°	+19°	262°	-13°	2.3dB	243°K	380516 +164 Hz
2022-04-26	Tuesday	02:30	143°	+23°	0 dB	0°	143°	+23°	269°	-13°	2.3dB	243°K	380587 +135 Hz
2022-04-26	Tuesday	03:00	151°	+26°	0 dB	0°	151°	+26°	276°	-13°	2.3dB	243°K	380658 +103 Hz
2022-04-26	Tuesday	03:30	158°	+28°	0 dB	0°	158°	+28°	283°	-13°	2.3dB	243°K	380729 +68 Hz
2022-04-26	Tuesday	04:00	166°	+30°	0 dB	0°	166°	+30°	291°	-12°	2.3dB	243°K	380800 +32 Hz
2022-04-26	Tuesday	04:30	174°	+31°	0 dB	0°	174°	+31°	298°	-12°	2.3dB	243°K	380871 -6 Hz
2022-04-26	Tuesday	05:00	183°	+31°	0 dB	0°	183°	+31°	305°	-12°	2.3dB	243°K	380942 -44 Hz
2022-04-26	Tuesday	05:30	191°	+30°	0 dB	0°	191°	+30°	312°	-12°	2.3dB	243°K	381014 -81 Hz
2022-04-26	Tuesday	06:00	199°	+29°	0 dB	0°	199°	+29°	320°	-12°	2.3dB	243°K	381085 -119 Hz
2022-04-26	Tuesday	06:30	207°	+27°	0 dB	0°	207°	+27°	327°	-12°	2.3dB	243°K	381156 -154 Hz
2022-04-26	Tuesday	07:00	214°	+25°	0 dB	0°	214°	+25°	334°	-12°	2.3dB	243°K	381227 -188 Hz
2022-04-26	Tuesday	07:30	221°	+22°	0 dB	0°	221°	+22°	341°	-12°	2.3dB	243°K	381298 -219 Hz
2022-04-26	Tuesday	08:00	228°	+18°	0 dB	0°	228°	+18°	349°	-12°	2.3dB	243°K	381370 -246 Hz
2022-04-26	Tuesday	08:30	234°	+15°	0 dB	0°	234°	+15°	356°	-11°	2.3dB	243°K	381441 -270 Hz
2022-04-26	Tuesday	09:00	240°	+10°	0 dB	0°	240°	+10°	3°	-11°	2.3dB	242°K	381512 -290 Hz
2022-04-26	Tuesday	09:30	246°	+6°	0 dB	0°	246°	+6°	11°	-11°	2.3dB	242°K	381583 -306 Hz
2022-04-26	Tuesday	10:00	251°	+1°	0 dB	0°	251°	+1°	18°	-11°	2.3dB	242°K	381655 -317 Hz
2022-04-27	Wednesday	00:00	107°	+4°	0 dB	0°	107°	+4°	229°	-8°	2.3dB	239°K	383726 +255 Hz
2022-04-27	Wednesday	01:00	112°	+9°	0 dB	0°	112°	+9°	236°	-8°	2.4dB	239°K	383797 +244 Hz
2022-04-27	Wednesday	01:30	118°	+14°	0 dB	0°	118°	+14°	243°	-7°	2.4dB	239°K	383869 +228 Hz
2022-04-27	Wednesday	02:00	123°	+18°	0 dB	0°	123°	+18°	250°	-7°	2.4dB	239°K	383940 +208 Hz
2022-04-27	Wednesday	02:30	130°	+22°	0 dB	0°	130°	+22°	258°	-7°	2.4dB	239°K	384012 +184 Hz
2022-04-27	Wednesday	03:00	137°	+26°	0 dB	0°	137°	+26°	265°	-7°	2.4dB	239°K	384083 +155 Hz
2022-04-27	Wednesday	03:30	144°	+30°	0 dB	0°	144°	+30°	272°	-7°	2.4dB	239°K	384155 +124 Hz
2022-04-27	Wednesday	04:00	152°	+32°	0 dB	0°	152°	+32°	279°	-7°	2.4dB	239°K	384226 +90 Hz
2022-04-27	Wednesday	04:30	160°	+35°	0 dB	0°	160°	+35°	287°	-7°	2.4dB	239°K	384298 +54 Hz
2022-04-27	Wednesday	05:00	169°	+36°	0 dB	0°	169°	+36°	294°	-7°	2.4dB	239°K	384369 +16 Hz
2022-04-27	Wednesday	05:30	178°	+37°	0 dB	0°	178°	+37°	301°	-6°	2.4dB	239°K	384441 -23 Hz
2022-04-27	Wednesday	06:00	187°	+37°	0 dB	0°	187°	+37°	309°	-6°	2.4dB	239°K	384512 -62 Hz
2022-04-27	Wednesday	06:30	196°	+36°	0 dB	0°	196°	+36°	316°	-6°	2.4dB	239°K	384584 -101 Hz
2022-04-27	Wednesday	07:00	205°	+34°	0 dB	0°	205°	+34°	323°	-6°	2.4dB	239°K	384655 -138 Hz
2022-04-27	Wednesday	07:30	213°	+32°	0 dB	0°	213°	+32°	330°	-6°	2.4dB	239°K	384727 -173 Hz
2022-04-27	Wednesday	08:00	221°	+29°	0 dB	0°	221°	+29°	338°	-6°	2.4dB	239°K	384798 -206 Hz
2022-04-27	Wednesday	08:30	228°	+25°	0 dB	0°	228°	+25°	345°	-6°	2.4dB	239°K	384870 -236 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-27	Wednesday09:00	235°	+22°	0 dB	0°	235°	+22°	352°	-6°	2.4dB	239°K	384941	-263 Hz
2022-04-27	Wednesday09:30	241°	+17°	0 dB	0°	241°	+17°	359°	-5°	2.4dB	239°K	385013	-286 Hz
2022-04-27	Wednesday10:00	247°	+13°	0 dB	0°	247°	+13°	7°	-5°	2.4dB	239°K	385084	-304 Hz
2022-04-27	Wednesday10:30	253°	+8°	0 dB	0°	253°	+8°	14°	-5°	2.4dB	239°K	385156	-318 Hz
2022-04-27	Wednesday11:00	258°	+3°	0 dB	0°	258°	+3°	21°	-5°	2.4dB	239°K	385227	-327 Hz
2022-04-28	Thursday 00:30	095°	+1°	0 dB	0°	095°	+1°	218°	-2°	2.7dB	256°K	387156	+267 Hz
2022-04-28	Thursday 01:00	100°	+6°	0 dB	0°	100°	+6°	225°	-2°	2.8dB	257°K	387227	+263 Hz
2022-04-28	Thursday 01:30	105°	+11°	0 dB	0°	105°	+11°	232°	-2°	2.8dB	257°K	387298	+254 Hz
2022-04-28	Thursday 02:00	111°	+16°	0 dB	0°	111°	+16°	240°	-1°	2.8dB	258°K	387369	+240 Hz
2022-04-28	Thursday 02:30	117°	+21°	0 dB	0°	117°	+21°	247°	-1°	2.8dB	259°K	387441	+221 Hz
2022-04-28	Thursday 03:00	123°	+25°	0 dB	0°	123°	+25°	254°	-1°	2.8dB	259°K	387512	+198 Hz
2022-04-28	Thursday 03:30	130°	+30°	0 dB	0°	130°	+30°	261°	-1°	2.8dB	260°K	387583	+172 Hz
2022-04-28	Thursday 04:00	137°	+33°	0 dB	0°	137°	+33°	269°	-1°	2.8dB	260°K	387654	+141 Hz
2022-04-28	Thursday 04:30	145°	+37°	0 dB	0°	145°	+37°	276°	-1°	2.8dB	261°K	387726	+108 Hz
2022-04-28	Thursday 05:00	154°	+39°	0 dB	0°	154°	+39°	283°	-1°	2.8dB	261°K	387797	+72 Hz
2022-04-28	Thursday 05:30	163°	+41°	0 dB	0°	163°	+41°	291°	-1°	2.9dB	262°K	387868	+34 Hz
2022-04-28	Thursday 06:00	173°	+43°	0 dB	0°	173°	+43°	298°	-0°	2.9dB	262°K	387939	-5 Hz
2022-04-28	Thursday 06:30	183°	+43°	0 dB	0°	183°	+43°	305°	-0°	2.9dB	263°K	388010	-44 Hz
2022-04-28	Thursday 07:00	193°	+42°	0 dB	0°	193°	+42°	312°	-0°	2.9dB	264°K	388081	-83 Hz
2022-04-28	Thursday 07:30	203°	+41°	0 dB	0°	203°	+41°	320°	-0°	2.9dB	264°K	388153	-122 Hz
2022-04-28	Thursday 08:00	212°	+39°	0 dB	0°	212°	+39°	327°	+0°	2.9dB	265°K	388224	-158 Hz
2022-04-28	Thursday 08:30	220°	+36°	0 dB	0°	220°	+36°	334°	+0°	2.9dB	265°K	388295	-193 Hz
2022-04-28	Thursday 09:00	228°	+32°	0 dB	0°	228°	+32°	342°	+0°	2.9dB	266°K	388366	-225 Hz
2022-04-28	Thursday 09:30	235°	+28°	0 dB	0°	235°	+28°	349°	+0°	2.9dB	266°K	388437	-253 Hz
2022-04-28	Thursday 10:00	242°	+24°	0 dB	0°	242°	+24°	356°	+1°	3.0dB	267°K	388508	-278 Hz
2022-04-28	Thursday 10:30	248°	+20°	0 dB	0°	248°	+20°	3°	+1°	3.0dB	268°K	388579	-298 Hz
2022-04-28	Thursday 11:00	254°	+15°	0 dB	0°	254°	+15°	11°	+1°	3.0dB	268°K	388650	-314 Hz
2022-04-28	Thursday 11:30	260°	+10°	0 dB	0°	260°	+10°	18°	+1°	3.0dB	269°K	388721	-325 Hz
2022-04-28	Thursday 12:00	265°	+5°	0 dB	0°	265°	+5°	25°	+1°	3.0dB	269°K	388792	-332 Hz
2022-04-28	Thursday 12:30	270°	+0°	0 dB	0°	270°	+0°	32°	+1°	3.0dB	270°K	388863	-333 Hz
2022-04-29	Fri day 01:00	088°	+3°	0 dB	0°	088°	+3°	215°	+4°	3.3dB	284°K	390628	+268 Hz
2022-04-29	Fri day 01:30	093°	+8°	0 dB	0°	093°	+8°	222°	+4°	3.3dB	284°K	390699	+266 Hz
2022-04-29	Fri day 02:00	099°	+13°	0 dB	0°	099°	+13°	229°	+4°	3.3dB	285°K	390769	+259 Hz
2022-04-29	Fri day 02:30	104°	+18°	0 dB	0°	104°	+18°	236°	+5°	3.3dB	285°K	390839	+247 Hz
2022-04-29	Fri day 03:00	110°	+23°	0 dB	0°	110°	+23°	244°	+5°	3.3dB	286°K	390909	+230 Hz
2022-04-29	Fri day 03:30	116°	+28°	0 dB	0°	116°	+28°	251°	+5°	3.3dB	286°K	390979	+209 Hz
2022-04-29	Fri day 04:00	123°	+33°	0 dB	0°	123°	+33°	258°	+5°	3.3dB	287°K	391049	+184 Hz
2022-04-29	Fri day 04:30	130°	+37°	0 dB	0°	130°	+37°	265°	+5°	3.3dB	287°K	391119	+155 Hz
2022-04-29	Fri day 05:00	138°	+41°	0 dB	0°	138°	+41°	273°	+5°	3.3dB	288°K	391189	+123 Hz
2022-04-29	Fri day 05:30	147°	+44°	0 dB	0°	147°	+44°	280°	+5°	3.4dB	289°K	391259	+88 Hz
2022-04-29	Fri day 06:00	157°	+46°	0 dB	0°	157°	+46°	287°	+5°	3.4dB	289°K	391329	+51 Hz
2022-04-29	Fri day 06:30	167°	+48°	0 dB	0°	167°	+48°	295°	+5°	3.4dB	290°K	391399	+13 Hz
2022-04-29	Fri day 07:00	178°	+49°	0 dB	0°	178°	+49°	302°	+6°	3.4dB	290°K	391469	-27 Hz
2022-04-29	Fri day 07:30	189°	+49°	0 dB	0°	189°	+49°	309°	+6°	3.4dB	291°K	391539	-66 Hz
2022-04-29	Fri day 08:00	200°	+48°	0 dB	0°	200°	+48°	316°	+6°	3.4dB	291°K	391608	-105 Hz
2022-04-29	Fri day 08:30	211°	+45°	0 dB	0°	211°	+45°	324°	+6°	3.4dB	292°K	391678	-142 Hz
2022-04-29	Fri day 09:00	220°	+43°	0 dB	0°	220°	+43°	331°	+6°	3.4dB	292°K	391748	-178 Hz
2022-04-29	Fri day 09:30	228°	+39°	0 dB	0°	228°	+39°	338°	+6°	3.4dB	293°K	391817	-211 Hz
2022-04-29	Fri day 10:00	236°	+35°	0 dB	0°	236°	+35°	346°	+6°	3.4dB	294°K	391887	-240 Hz
2022-04-29	Fri day 10:30	243°	+31°	0 dB	0°	243°	+31°	353°	+6°	3.4dB	294°K	391957	-267 Hz
2022-04-29	Fri day 11:00	250°	+26°	0 dB	0°	250°	+26°	0°	+7°	3.5dB	295°K	392026	-289 Hz
2022-04-29	Fri day 11:30	256°	+22°	0 dB	0°	256°	+22°	7°	+7°	3.5dB	295°K	392096	-306 Hz
2022-04-29	Fri day 12:00	261°	+17°	0 dB	0°	261°	+17°	15°	+7°	3.5dB	296°K	392165	-320 Hz
2022-04-29	Fri day 12:30	267°	+12°	0 dB	0°	267°	+12°	22°	+7°	3.5dB	296°K	392234	-328 Hz
2022-04-29	Fri day 13:00	272°	+7°	0 dB	0°	272°	+7°	29°	+7°	3.5dB	296°K	392304	-332 Hz
2022-04-29	Fri day 13:30	277°	+2°	0 dB	0°	277°	+2°	37°	+7°	3.5dB	296°K	392373	-330 Hz
2022-04-30	Saturday 01:00	077°	-0°	0 dB	0°	077°	-0°	204°	+10°	3.6dB	303°K	393951	+261 Hz
2022-04-30	Saturday 01:30	082°	+5°	0 dB	0°	082°	+5°	211°	+10°	3.6dB	303°K	394019	+266 Hz
2022-04-30	Saturday 02:00	087°	+10°	0 dB	0°	087°	+10°	219°	+10°	3.7dB	SUN!	394086	+266 Hz
2022-04-30	Saturday 02:30	092°	+15°	0 dB	0°	092°	+15°	226°	+10°	3.7dB	SUN!	394154	+261 Hz
2022-04-30	Saturday 03:00	097°	+20°	0 dB	0°	097°	+20°	233°	+10°	3.7dB	SUN!	394222	+251 Hz
2022-04-30	Saturday 03:30	103°	+25°	0 dB	0°	103°	+25°	240°	+10°	3.7dB	SUN!	394289	+236 Hz
2022-04-30	Saturday 04:00	109°	+30°	0 dB	0°	109°	+30°	248°	+10°	3.7dB	SUN!	394357	+217 Hz
2022-04-30	Saturday 04:30	115°	+35°	0 dB	0°	115°	+35°	255°	+11°	3.7dB	SUN!	394424	+194 Hz
2022-04-30	Saturday 05:00	122°	+40°	0 dB	0°	122°	+40°	262°	+11°	3.7dB	SUN!	394492	+167 Hz
2022-04-30	Saturday 05:30	130°	+44°	0 dB	0°	130°	+44°	270°	+11°	3.8dB	SUN!	394559	+137 Hz

MoonSked by MoonBounce Software © GM4JJJ  
 Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-04-30	Saturday	06:00	139°	+48°	0 dB	0°	139°	+48°	277°	+11°	3.8dB	SUN!	394626 +103 Hz
2022-04-30	Saturday	06:30	149°	+51°	0 dB	0°	149°	+51°	284°	+11°	3.8dB	SUN!	394693 +67 Hz
2022-04-30	Saturday	07:00	160°	+53°	0 dB	0°	160°	+53°	291°	+11°	3.8dB	SUN!	394760 +30 Hz
2022-04-30	Saturday	07:30	173°	+54°	0 dB	0°	173°	+54°	299°	+11°	3.8dB	SUN!	394827 -9 Hz
2022-04-30	Saturday	08:00	185°	+55°	0 dB	0°	185°	+55°	306°	+11°	3.9dB	SUN!	394894 -47 Hz
2022-04-30	Saturday	08:30	197°	+54°	0 dB	0°	197°	+54°	313°	+11°	3.9dB	SUN!	394961 -86 Hz
2022-04-30	Saturday	09:00	209°	+52°	0 dB	0°	209°	+52°	320°	+11°	3.9dB	SUN!	395027 -124 Hz
2022-04-30	Saturday	09:30	219°	+49°	0 dB	0°	219°	+49°	328°	+12°	3.9dB	SUN!	395094 -160 Hz
2022-04-30	Saturday	10:00	229°	+46°	0 dB	0°	229°	+46°	335°	+12°	3.9dB	SUN!	395161 -193 Hz
2022-04-30	Saturday	10:30	237°	+42°	0 dB	0°	237°	+42°	342°	+12°	4.0dB	SUN!	395227 -224 Hz
2022-04-30	Saturday	11:00	244°	+37°	0 dB	0°	244°	+37°	350°	+12°	4.0dB	SUN!	395293 -251 Hz
2022-04-30	Saturday	11:30	251°	+33°	0 dB	0°	251°	+33°	357°	+12°	4.0dB	SUN!	395360 -275 Hz
2022-04-30	Saturday	12:00	257°	+28°	0 dB	0°	257°	+28°	4°	+12°	4.0dB	SUN!	395426 -294 Hz
2022-04-30	Saturday	12:30	263°	+23°	0 dB	0°	263°	+23°	11°	+12°	4.0dB	SUN!	395492 -309 Hz
2022-04-30	Saturday	13:00	268°	+18°	0 dB	0°	268°	+18°	19°	+12°	4.1dB	SUN!	395558 -320 Hz
2022-04-30	Saturday	13:30	274°	+13°	0 dB	0°	274°	+13°	26°	+12°	4.1dB	SUN!	395624 -325 Hz
2022-04-30	Saturday	14:00	279°	+8°	0 dB	0°	279°	+8°	33°	+13°	4.1dB	SUN!	395690 -326 Hz
2022-04-30	Saturday	14:30	284°	+3°	0 dB	0°	284°	+3°	41°	+13°	4.1dB	SUN!	395755 -322 Hz
2022-05-01	Sunday	01:30	071°	+1°	0 dB	0°	071°	+1°	201°	+15°	4.4dB	SUN!	397174 +254 Hz
2022-05-01	Sunday	02:00	076°	+6°	0 dB	0°	076°	+6°	208°	+15°	4.4dB	SUN!	397237 +261 Hz
2022-05-01	Sunday	02:30	081°	+11°	0 dB	0°	081°	+11°	215°	+15°	4.4dB	SUN!	397300 +263 Hz
2022-05-01	Sunday	03:00	086°	+16°	0 dB	0°	086°	+16°	222°	+15°	4.4dB	SUN!	397363 +260 Hz
2022-05-01	Sunday	03:30	091°	+22°	0 dB	0°	091°	+22°	230°	+15°	4.4dB	SUN!	397426 +253 Hz
2022-05-01	Sunday	04:00	096°	+27°	0 dB	0°	096°	+27°	237°	+15°	4.4dB	SUN!	397489 +241 Hz
2022-05-01	Sunday	04:30	102°	+32°	0 dB	0°	102°	+32°	244°	+16°	4.5dB	SUN!	397551 +224 Hz
2022-05-01	Sunday	05:00	108°	+37°	0 dB	0°	108°	+37°	252°	+16°	4.5dB	SUN!	397614 +203 Hz
2022-05-01	Sunday	05:30	115°	+42°	0 dB	0°	115°	+42°	259°	+16°	4.5dB	SUN!	397676 +178 Hz
2022-05-01	Sunday	06:00	122°	+46°	0 dB	0°	122°	+46°	266°	+16°	4.5dB	SUN!	397738 +150 Hz
2022-05-01	Sunday	06:30	131°	+50°	0 dB	0°	131°	+50°	273°	+16°	4.5dB	SUN!	397800 +118 Hz
2022-05-01	Sunday	07:00	141°	+54°	0 dB	0°	141°	+54°	281°	+16°	4.5dB	SUN!	397862 +84 Hz
2022-05-01	Sunday	07:30	152°	+57°	0 dB	0°	152°	+57°	288°	+16°	4.5dB	SUN!	397923 +48 Hz
2022-05-01	Sunday	08:00	165°	+59°	0 dB	0°	165°	+59°	295°	+16°	4.5dB	SUN!	397985 +11 Hz
2022-05-01	Sunday	08:30	179°	+60°	0 dB	0°	179°	+60°	302°	+16°	4.5dB	SUN!	398046 -27 Hz
2022-05-01	Sunday	09:00	193°	+59°	0 dB	0°	193°	+59°	310°	+16°	4.5dB	SUN!	398108 -65 Hz
2022-05-01	Sunday	09:30	206°	+58°	0 dB	0°	206°	+58°	317°	+16°	4.6dB	SUN!	398169 -102 Hz
2022-05-01	Sunday	10:00	218°	+55°	0 dB	0°	218°	+55°	324°	+17°	4.6dB	SUN!	398230 -138 Hz
2022-05-01	Sunday	10:30	228°	+52°	0 dB	0°	228°	+52°	331°	+17°	4.6dB	SUN!	398291 -172 Hz
2022-05-01	Sunday	11:00	237°	+48°	0 dB	0°	237°	+48°	339°	+17°	4.6dB	SUN!	398351 -203 Hz
2022-05-01	Sunday	11:30	245°	+43°	0 dB	0°	245°	+43°	346°	+17°	4.5dB	SUN!	398412 -232 Hz
2022-05-01	Sunday	12:00	252°	+39°	0 dB	0°	252°	+39°	353°	+17°	4.5dB	SUN!	398472 -257 Hz
2022-05-01	Sunday	12:30	258°	+34°	0 dB	0°	258°	+34°	1°	+17°	4.5dB	SUN!	398533 -278 Hz
2022-05-01	Sunday	13:00	264°	+29°	0 dB	0°	264°	+29°	8°	+17°	4.5dB	SUN!	398593 -294 Hz
2022-05-01	Sunday	13:30	270°	+24°	0 dB	0°	270°	+24°	15°	+17°	4.5dB	364°K	398653 -307 Hz
2022-05-01	Sunday	14:00	275°	+19°	0 dB	0°	275°	+19°	22°	+17°	4.5dB	363°K	398712 -314 Hz
2022-05-01	Sunday	14:30	280°	+14°	0 dB	0°	280°	+14°	30°	+17°	4.5dB	362°K	398772 -317 Hz
2022-05-01	Sunday	15:00	285°	+9°	0 dB	0°	285°	+9°	37°	+18°	4.5dB	362°K	398831 -316 Hz
2022-05-01	Sunday	15:30	290°	+4°	0 dB	0°	290°	+4°	44°	+18°	4.5dB	361°K	398891 -309 Hz
2022-05-01	Sunday	16:00	295°	-0°	0 dB	0°	295°	-0°	51°	+18°	4.5dB	360°K	398950 -299 Hz
2022-05-02	Monday	02:00	065°	+2°	0 dB	0°	065°	+2°	197°	+19°	4.4dB	349°K	400096 +246 Hz
2022-05-02	Monday	02:30	070°	+7°	0 dB	0°	070°	+7°	204°	+20°	4.4dB	350°K	400151 +255 Hz
2022-05-02	Monday	03:00	075°	+12°	0 dB	0°	075°	+12°	211°	+20°	4.5dB	351°K	400206 +259 Hz
2022-05-02	Monday	03:30	080°	+17°	0 dB	0°	080°	+17°	219°	+20°	4.5dB	352°K	400261 +259 Hz
2022-05-02	Monday	04:00	085°	+22°	0 dB	0°	085°	+22°	226°	+20°	4.5dB	352°K	400316 +254 Hz
2022-05-02	Monday	04:30	090°	+27°	0 dB	0°	090°	+27°	233°	+20°	4.5dB	353°K	400370 +245 Hz
2022-05-02	Monday	05:00	095°	+32°	0 dB	0°	095°	+32°	240°	+20°	4.5dB	354°K	400425 +231 Hz
2022-05-02	Monday	05:30	101°	+37°	0 dB	0°	101°	+37°	248°	+20°	4.5dB	355°K	400479 +212 Hz
2022-05-02	Monday	06:00	107°	+42°	0 dB	0°	107°	+42°	255°	+20°	4.5dB	355°K	400533 +190 Hz
2022-05-02	Monday	06:30	114°	+47°	0 dB	0°	114°	+47°	262°	+20°	4.5dB	356°K	400586 +164 Hz
2022-05-02	Monday	07:00	122°	+52°	0 dB	0°	122°	+52°	269°	+20°	4.5dB	357°K	400640 +135 Hz
2022-05-02	Monday	07:30	131°	+56°	0 dB	0°	131°	+56°	277°	+20°	4.6dB	358°K	400693 +103 Hz
2022-05-02	Monday	08:00	142°	+60°	0 dB	0°	142°	+60°	284°	+20°	4.6dB	358°K	400746 +69 Hz
2022-05-02	Monday	08:30	155°	+62°	0 dB	0°	155°	+62°	291°	+20°	4.6dB	359°K	400799 +34 Hz
2022-05-02	Monday	09:00	170°	+64°	0 dB	0°	170°	+64°	299°	+21°	4.6dB	360°K	400852 -3 Hz
2022-05-02	Monday	09:30	186°	+64°	0 dB	0°	186°	+64°	306°	+21°	4.6dB	361°K	400904 -40 Hz
2022-05-02	Monday	10:00	201°	+63°	0 dB	0°	201°	+63°	313°	+21°	4.6dB	361°K	400956 -77 Hz
2022-05-02	Monday	10:30	215°	+61°	0 dB	0°	215°	+61°	320°	+21°	4.6dB	362°K	401008 -113 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-02	Monday	11:00	227°	+57°	0 dB	0°	227°	+57°	328°	+21°	4.6dB	363°K	401060 -147 Hz
2022-05-02	Monday	11:30	237°	+53°	0 dB	0°	237°	+53°	335°	+21°	4.6dB	364°K	401112 -179 Hz
2022-05-02	Monday	12:00	245°	+49°	0 dB	0°	245°	+49°	342°	+21°	4.6dB	364°K	401163 -208 Hz
2022-05-02	Monday	12:30	252°	+44°	0 dB	0°	252°	+44°	349°	+21°	4.6dB	365°K	401214 -234 Hz
2022-05-02	Monday	13:00	259°	+39°	0 dB	0°	259°	+39°	357°	+21°	4.7dB	366°K	401265 -257 Hz
2022-05-02	Monday	13:30	265°	+34°	0 dB	0°	265°	+34°	4°	+21°	4.7dB	367°K	401315 -275 Hz
2022-05-02	Monday	14:00	270°	+29°	0 dB	0°	270°	+29°	11°	+21°	4.7dB	367°K	401366 -290 Hz
2022-05-02	Monday	14:30	275°	+24°	0 dB	0°	275°	+24°	18°	+21°	4.7dB	368°K	401416 -300 Hz
2022-05-02	Monday	15:00	280°	+19°	0 dB	0°	280°	+19°	26°	+21°	4.7dB	369°K	401466 -305 Hz
2022-05-02	Monday	15:30	285°	+14°	0 dB	0°	285°	+14°	33°	+22°	4.7dB	370°K	401515 -306 Hz
2022-05-02	Monday	16:00	290°	+10°	0 dB	0°	290°	+10°	40°	+22°	4.7dB	371°K	401565 -302 Hz
2022-05-02	Monday	16:30	295°	+5°	0 dB	0°	295°	+5°	47°	+22°	4.7dB	372°K	401614 -294 Hz
2022-05-02	Monday	17:00	300°	+1°	0 dB	0°	300°	+1°	55°	+22°	4.7dB	373°K	401663 -282 Hz
2022-05-03	Tuesday	02:30	060°	+2°	0 dB	0°	060°	+2°	193°	+23°	5.0dB	393°K	402543 +239 Hz
2022-05-03	Tuesday	03:00	065°	+7°	0 dB	0°	065°	+7°	200°	+23°	5.0dB	394°K	402587 +249 Hz
2022-05-03	Tuesday	03:30	070°	+12°	0 dB	0°	070°	+12°	207°	+23°	5.0dB	395°K	402630 +256 Hz
2022-05-03	Tuesday	04:00	074°	+17°	0 dB	0°	074°	+17°	214°	+23°	5.0dB	396°K	402673 +259 Hz
2022-05-03	Tuesday	04:30	079°	+21°	0 dB	0°	079°	+21°	222°	+23°	5.0dB	397°K	402716 +256 Hz
2022-05-03	Tuesday	05:00	084°	+27°	0 dB	0°	084°	+27°	229°	+23°	5.0dB	398°K	402759 +250 Hz
2022-05-03	Tuesday	05:30	089°	+32°	0 dB	0°	089°	+32°	236°	+23°	5.1dB	399°K	402801 +239 Hz
2022-05-03	Tuesday	06:00	094°	+37°	0 dB	0°	094°	+37°	243°	+23°	5.1dB	401°K	402843 +223 Hz
2022-05-03	Tuesday	06:30	100°	+42°	0 dB	0°	100°	+42°	251°	+24°	5.1dB	402°K	402884 +204 Hz
2022-05-03	Tuesday	07:00	106°	+47°	0 dB	0°	106°	+47°	258°	+24°	5.1dB	403°K	402926 +181 Hz
2022-05-03	Tuesday	07:30	113°	+52°	0 dB	0°	113°	+52°	265°	+24°	5.1dB	404°K	402967 +154 Hz
2022-05-03	Tuesday	08:00	122°	+56°	0 dB	0°	122°	+56°	272°	+24°	5.1dB	406°K	403008 +125 Hz
2022-05-03	Tuesday	08:30	132°	+60°	0 dB	0°	132°	+60°	280°	+24°	5.1dB	407°K	403048 +93 Hz
2022-05-03	Tuesday	09:00	144°	+64°	0 dB	0°	144°	+64°	287°	+24°	5.1dB	408°K	403088 +59 Hz
2022-05-03	Tuesday	09:30	159°	+66°	0 dB	0°	159°	+66°	294°	+24°	5.2dB	409°K	403128 +24 Hz
2022-05-03	Tuesday	10:00	176°	+68°	0 dB	0°	176°	+68°	301°	+24°	5.2dB	411°K	403168 -12 Hz
2022-05-03	Tuesday	10:30	194°	+67°	0 dB	0°	194°	+67°	309°	+24°	5.2dB	412°K	403207 -48 Hz
2022-05-03	Tuesday	11:00	210°	+65°	0 dB	0°	210°	+65°	316°	+24°	5.2dB	413°K	403246 -83 Hz
2022-05-03	Tuesday	11:30	223°	+62°	0 dB	0°	223°	+62°	323°	+24°	5.2dB	414°K	403284 -118 Hz
2022-05-03	Tuesday	12:00	235°	+58°	0 dB	0°	235°	+58°	330°	+24°	5.2dB	416°K	403323 -150 Hz
2022-05-03	Tuesday	12:30	244°	+54°	0 dB	0°	244°	+54°	338°	+24°	5.2dB	417°K	403361 -180 Hz
2022-05-03	Tuesday	13:00	252°	+49°	0 dB	0°	252°	+49°	345°	+24°	5.3dB	418°K	403398 -208 Hz
2022-05-03	Tuesday	13:30	258°	+45°	0 dB	0°	258°	+45°	352°	+24°	5.3dB	419°K	403436 -232 Hz
2022-05-03	Tuesday	14:00	264°	+40°	0 dB	0°	264°	+40°	359°	+24°	5.3dB	420°K	403473 -253 Hz
2022-05-03	Tuesday	14:30	270°	+35°	0 dB	0°	270°	+35°	7°	+24°	5.3dB	422°K	403510 -269 Hz
2022-05-03	Tuesday	15:00	275°	+29°	0 dB	0°	275°	+29°	14°	+24°	5.3dB	423°K	403546 -281 Hz
2022-05-03	Tuesday	15:30	280°	+24°	0 dB	0°	280°	+24°	21°	+24°	5.3dB	424°K	403582 -289 Hz
2022-05-03	Tuesday	16:00	285°	+20°	0 dB	0°	285°	+20°	28°	+25°	5.3dB	425°K	403618 -293 Hz
2022-05-03	Tuesday	16:30	289°	+15°	0 dB	0°	289°	+15°	36°	+25°	5.3dB	427°K	403653 -292 Hz
2022-05-03	Tuesday	17:00	294°	+10°	0 dB	0°	294°	+10°	43°	+25°	5.4dB	428°K	403688 -287 Hz
2022-05-03	Tuesday	17:30	299°	+6°	0 dB	0°	299°	+6°	50°	+25°	5.4dB	429°K	403723 -277 Hz
2022-05-03	Tuesday	18:00	304°	+1°	0 dB	0°	304°	+1°	57°	+25°	5.4dB	430°K	403758 -264 Hz
2022-05-04	Wednesday	03:00	055°	+2°	0 dB	0°	055°	+2°	188°	+26°	5.7dB	469°K	404319 +232 Hz
2022-05-04	Wednesday	03:30	060°	+6°	0 dB	0°	060°	+6°	195°	+26°	5.8dB	472°K	404347 +245 Hz
2022-05-04	Wednesday	04:00	065°	+10°	0 dB	0°	065°	+10°	202°	+26°	5.8dB	474°K	404374 +255 Hz
2022-05-04	Wednesday	04:30	069°	+15°	0 dB	0°	069°	+15°	210°	+26°	5.8dB	476°K	404401 +260 Hz
2022-05-04	Wednesday	05:00	074°	+20°	0 dB	0°	074°	+20°	217°	+26°	5.8dB	479°K	404428 +261 Hz
2022-05-04	Wednesday	05:30	079°	+25°	0 dB	0°	079°	+25°	224°	+26°	5.8dB	481°K	404454 +257 Hz
2022-05-04	Wednesday	06:00	084°	+30°	0 dB	0°	084°	+30°	231°	+26°	5.9dB	483°K	404480 +249 Hz
2022-05-04	Wednesday	06:30	089°	+35°	0 dB	0°	089°	+35°	239°	+26°	5.9dB	486°K	404506 +237 Hz
2022-05-04	Wednesday	07:00	094°	+40°	0 dB	0°	094°	+40°	246°	+26°	5.9dB	488°K	404531 +221 Hz
2022-05-04	Wednesday	07:30	100°	+45°	0 dB	0°	100°	+45°	253°	+26°	5.9dB	491°K	404556 +200 Hz
2022-05-04	Wednesday	08:00	106°	+50°	0 dB	0°	106°	+50°	260°	+26°	5.9dB	493°K	404580 +177 Hz
2022-05-04	Wednesday	08:30	113°	+55°	0 dB	0°	113°	+55°	268°	+26°	6.0dB	495°K	404604 +150 Hz
2022-05-04	Wednesday	09:00	122°	+60°	0 dB	0°	122°	+60°	275°	+26°	6.0dB	498°K	404628 +120 Hz
2022-05-04	Wednesday	09:30	133°	+64°	0 dB	0°	133°	+64°	282°	+26°	6.0dB	500°K	404651 +88 Hz
2022-05-04	Wednesday	10:00	147°	+67°	0 dB	0°	147°	+67°	289°	+26°	6.0dB	500°K	404674 +54 Hz
2022-05-04	Wednesday	10:30	164°	+69°	0 dB	0°	164°	+69°	297°	+26°	6.0dB	500°K	404697 +19 Hz
2022-05-04	Wednesday	11:00	183°	+70°	0 dB	0°	183°	+70°	304°	+26°	6.0dB	500°K	404719 -16 Hz
2022-05-04	Wednesday	11:30	201°	+69°	0 dB	0°	201°	+69°	311°	+26°	6.0dB	500°K	404741 -51 Hz
2022-05-04	Wednesday	12:00	217°	+66°	0 dB	0°	217°	+66°	318°	+26°	6.0dB	500°K	404762 -85 Hz
2022-05-04	Wednesday	12:30	230°	+63°	0 dB	0°	230°	+63°	326°	+26°	6.0dB	500°K	404783 -118 Hz
2022-05-04	Wednesday	13:00	241°	+59°	0 dB	0°	241°	+59°	333°	+26°	6.0dB	500°K	404804 -150 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-04	Wednesday13:30	249°	+54°	0 dB	0°	249°	+54°	340°	+26°	6.0dB	500°K	404824	-179 Hz
2022-05-04	Wednesday14:00	256°	+49°	0 dB	0°	256°	+49°	347°	+26°	6.0dB	500°K	404844	-204 Hz
2022-05-04	Wednesday14:30	263°	+44°	0 dB	0°	263°	+44°	355°	+26°	6.0dB	500°K	404863	-227 Hz
2022-05-04	Wednesday15:00	268°	+39°	0 dB	0°	268°	+39°	2°	+26°	6.0dB	500°K	404882	-246 Hz
2022-05-04	Wednesday15:30	273°	+34°	0 dB	0°	273°	+34°	9°	+26°	6.0dB	500°K	404901	-261 Hz
2022-05-04	Wednesday16:00	278°	+29°	0 dB	0°	278°	+29°	16°	+26°	6.0dB	500°K	404919	-272 Hz
2022-05-04	Wednesday16:30	283°	+24°	0 dB	0°	283°	+24°	24°	+26°	6.0dB	500°K	404937	-278 Hz
2022-05-04	Wednesday17:00	288°	+19°	0 dB	0°	288°	+19°	31°	+26°	6.0dB	500°K	404954	-280 Hz
2022-05-04	Wednesday17:30	292°	+14°	0 dB	0°	292°	+14°	38°	+26°	6.0dB	500°K	404971	-278 Hz
2022-05-04	Wednesday18:00	297°	+10°	0 dB	0°	297°	+10°	45°	+26°	6.0dB	500°K	404987	-271 Hz
2022-05-04	Wednesday18:30	302°	+6°	0 dB	0°	302°	+6°	53°	+26°	6.0dB	500°K	405003	-261 Hz
2022-05-04	Wednesday19:00	307°	+1°	0 dB	0°	307°	+1°	60°	+27°	6.0dB	500°K	405019	-246 Hz
2022-05-05	Thursday03:30	051°	-0°	0 dB	0°	051°	-0°	183°	+27°	5.8dB	472°K	405221	+228 Hz
2022-05-05	Thursday04:00	056°	+4°	0 dB	0°	056°	+4°	190°	+27°	5.8dB	468°K	405229	+244 Hz
2022-05-05	Thursday04:30	061°	+8°	0 dB	0°	061°	+8°	198°	+27°	5.7dB	465°K	405237	+256 Hz
2022-05-05	Thursday05:00	065°	+13°	0 dB	0°	065°	+13°	205°	+27°	5.7dB	462°K	405244	+264 Hz
2022-05-05	Thursday05:30	070°	+17°	0 dB	0°	070°	+17°	212°	+27°	5.7dB	459°K	405251	+268 Hz
2022-05-05	Thursday06:00	075°	+22°	0 dB	0°	075°	+22°	219°	+27°	5.7dB	456°K	405257	+267 Hz
2022-05-05	Thursday06:30	079°	+27°	0 dB	0°	079°	+27°	227°	+27°	5.6dB	452°K	405263	+262 Hz
2022-05-05	Thursday07:00	084°	+32°	0 dB	0°	084°	+32°	234°	+27°	5.6dB	449°K	405268	+253 Hz
2022-05-05	Thursday07:30	089°	+37°	0 dB	0°	089°	+37°	241°	+27°	5.6dB	446°K	405273	+240 Hz
2022-05-05	Thursday08:00	094°	+42°	0 dB	0°	094°	+42°	248°	+27°	5.6dB	443°K	405278	+223 Hz
2022-05-05	Thursday08:30	100°	+47°	0 dB	0°	100°	+47°	256°	+27°	5.5dB	440°K	405282	+202 Hz
2022-05-05	Thursday09:00	107°	+52°	0 dB	0°	107°	+52°	263°	+27°	5.5dB	436°K	405285	+177 Hz
2022-05-05	Thursday09:30	115°	+57°	0 dB	0°	115°	+57°	270°	+27°	5.5dB	433°K	405288	+150 Hz
2022-05-05	Thursday10:00	124°	+62°	0 dB	0°	124°	+62°	277°	+27°	5.4dB	430°K	405291	+120 Hz
2022-05-05	Thursday10:30	136°	+66°	0 dB	0°	136°	+66°	284°	+27°	5.4dB	427°K	405293	+87 Hz
2022-05-05	Thursday11:00	151°	+69°	0 dB	0°	151°	+69°	292°	+27°	5.4dB	424°K	405295	+54 Hz
2022-05-05	Thursday11:30	169°	+70°	0 dB	0°	169°	+70°	299°	+27°	5.4dB	420°K	405296	+19 Hz
2022-05-05	Thursday12:00	189°	+70°	0 dB	0°	189°	+70°	306°	+27°	5.3dB	417°K	405297	-16 Hz
2022-05-05	Thursday12:30	207°	+69°	0 dB	0°	207°	+69°	313°	+27°	5.3dB	414°K	405297	-51 Hz
2022-05-05	Thursday13:00	223°	+66°	0 dB	0°	223°	+66°	321°	+27°	5.3dB	412°K	405297	-84 Hz
2022-05-05	Thursday13:30	235°	+62°	0 dB	0°	235°	+62°	328°	+27°	5.3dB	410°K	405296	-117 Hz
2022-05-05	Thursday14:00	244°	+58°	0 dB	0°	244°	+58°	335°	+27°	5.3dB	409°K	405295	-147 Hz
2022-05-05	Thursday14:30	252°	+53°	0 dB	0°	252°	+53°	342°	+27°	5.2dB	407°K	405294	-175 Hz
2022-05-05	Thursday15:00	259°	+48°	0 dB	0°	259°	+48°	350°	+27°	5.2dB	405°K	405292	-200 Hz
2022-05-05	Thursday15:30	265°	+43°	0 dB	0°	265°	+43°	357°	+27°	5.2dB	404°K	405289	-221 Hz
2022-05-05	Thursday16:00	270°	+38°	0 dB	0°	270°	+38°	4°	+27°	5.2dB	402°K	405286	-239 Hz
2022-05-05	Thursday16:30	275°	+33°	0 dB	0°	275°	+33°	11°	+27°	5.2dB	401°K	405283	-252 Hz
2022-05-05	Thursday17:00	280°	+28°	0 dB	0°	280°	+28°	19°	+27°	5.2dB	399°K	405279	-262 Hz
2022-05-05	Thursday17:30	285°	+23°	0 dB	0°	285°	+23°	26°	+27°	5.1dB	397°K	405275	-267 Hz
2022-05-05	Thursday18:00	290°	+18°	0 dB	0°	290°	+18°	33°	+27°	5.1dB	396°K	405270	-268 Hz
2022-05-05	Thursday18:30	294°	+13°	0 dB	0°	294°	+13°	40°	+27°	5.1dB	394°K	405265	-264 Hz
2022-05-05	Thursday19:00	299°	+9°	0 dB	0°	299°	+9°	48°	+27°	5.1dB	393°K	405259	-257 Hz
2022-05-05	Thursday19:30	304°	+5°	0 dB	0°	304°	+5°	55°	+27°	5.1dB	391°K	405253	-245 Hz
2022-05-05	Thursday20:00	309°	+1°	0 dB	0°	309°	+1°	62°	+27°	5.1dB	389°K	405246	-229 Hz
2022-05-06	Friday04:30	052°	+1°	0 dB	0°	052°	+1°	185°	+27°	4.8dB	359°K	405057	+244 Hz
2022-05-06	Friday05:00	057°	+5°	0 dB	0°	057°	+5°	193°	+27°	4.7dB	356°K	405042	+259 Hz
2022-05-06	Friday05:30	062°	+10°	0 dB	0°	062°	+10°	200°	+27°	4.7dB	354°K	405026	+270 Hz
2022-05-06	Friday06:00	067°	+14°	0 dB	0°	067°	+14°	207°	+27°	4.7dB	351°K	405009	+277 Hz
2022-05-06	Friday06:30	072°	+19°	0 dB	0°	072°	+19°	214°	+27°	4.6dB	349°K	404992	+280 Hz
2022-05-06	Friday07:00	076°	+24°	0 dB	0°	076°	+24°	222°	+27°	4.6dB	347°K	404975	+278 Hz
2022-05-06	Friday07:30	081°	+29°	0 dB	0°	081°	+29°	229°	+27°	4.6dB	344°K	404957	+272 Hz
2022-05-06	Friday08:00	086°	+34°	0 dB	0°	086°	+34°	236°	+27°	4.6dB	342°K	404938	+262 Hz
2022-05-06	Friday08:30	091°	+39°	0 dB	0°	091°	+39°	243°	+27°	4.5dB	339°K	404919	+248 Hz
2022-05-06	Friday09:00	096°	+44°	0 dB	0°	096°	+44°	250°	+27°	4.5dB	337°K	404900	+229 Hz
2022-05-06	Friday09:30	103°	+49°	0 dB	0°	103°	+49°	258°	+27°	4.5dB	335°K	404880	+207 Hz
2022-05-06	Friday10:00	110°	+54°	0 dB	0°	110°	+54°	265°	+27°	4.5dB	332°K	404859	+182 Hz
2022-05-06	Friday10:30	118°	+58°	0 dB	0°	118°	+58°	272°	+27°	4.4dB	330°K	404838	+153 Hz
2022-05-06	Friday11:00	128°	+63°	0 dB	0°	128°	+63°	279°	+27°	4.4dB	327°K	404817	+122 Hz
2022-05-06	Friday11:30	141°	+66°	0 dB	0°	141°	+66°	287°	+27°	4.4dB	325°K	404795	+90 Hz
2022-05-06	Friday12:00	157°	+69°	0 dB	0°	157°	+69°	294°	+27°	4.4dB	323°K	404772	+56 Hz
2022-05-06	Friday12:30	175°	+70°	0 dB	0°	175°	+70°	301°	+27°	4.3dB	320°K	404749	+21 Hz
2022-05-06	Friday13:00	194°	+70°	0 dB	0°	194°	+70°	308°	+26°	4.3dB	318°K	404726	-14 Hz
2022-05-06	Friday13:30	212°	+68°	0 dB	0°	212°	+68°	316°	+26°	4.3dB	316°K	404702	-49 Hz
2022-05-06	Friday14:00	226°	+64°	0 dB	0°	226°	+64°	323°	+26°	4.2dB	313°K	404677	-83 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDx	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-06	Fri day	14: 30	237°	+60°	0 dB	0°	237°	+60°	330°	+26°	4. 2dB	311°K	404652 -115 Hz
2022-05-06	Fri day	15: 00	246°	+56°	0 dB	0°	246°	+56°	337°	+26°	4. 2dB	308°K	404627 -144 Hz
2022-05-06	Fri day	15: 30	254°	+51°	0 dB	0°	254°	+51°	345°	+26°	4. 1dB	306°K	404600 -172 Hz
2022-05-06	Fri day	16: 00	260°	+46°	0 dB	0°	260°	+46°	352°	+26°	4. 1dB	304°K	404574 -196 Hz
2022-05-06	Fri day	16: 30	266°	+41°	0 dB	0°	266°	+41°	359°	+26°	4. 1dB	301°K	404547 -216 Hz
2022-05-06	Fri day	17: 00	271°	+36°	0 dB	0°	271°	+36°	6°	+26°	4. 0dB	298°K	404519 -233 Hz
2022-05-06	Fri day	17: 30	276°	+31°	0 dB	0°	276°	+31°	14°	+26°	4. 0dB	295°K	404491 -245 Hz
2022-05-06	Fri day	18: 00	281°	+26°	0 dB	0°	281°	+26°	21°	+26°	4. 0dB	292°K	404462 -253 Hz
2022-05-06	Fri day	18: 30	286°	+21°	0 dB	0°	286°	+21°	28°	+26°	3. 9dB	289°K	404433 -257 Hz
2022-05-06	Fri day	19: 00	290°	+16°	0 dB	0°	290°	+16°	35°	+26°	3. 9dB	286°K	404404 -257 Hz
2022-05-06	Fri day	19: 30	295°	+11°	0 dB	0°	295°	+11°	43°	+26°	3. 9dB	284°K	404373 -252 Hz
2022-05-06	Fri day	20: 00	300°	+7°	0 dB	0°	300°	+7°	50°	+26°	3. 8dB	281°K	404343 -243 Hz
2022-05-06	Fri day	20: 30	305°	+3°	0 dB	0°	305°	+3°	57°	+26°	3. 8dB	278°K	404311 -230 Hz
2022-05-07	Saturday	05: 30	055°	+1°	0 dB	0°	055°	+1°	188°	+25°	3. 0dB	227°K	403661 +264 Hz
2022-05-07	Saturday	06: 00	060°	+6°	0 dB	0°	060°	+6°	195°	+25°	3. 0dB	225°K	403620 +278 Hz
2022-05-07	Saturday	06: 30	065°	+10°	0 dB	0°	065°	+10°	202°	+25°	3. 0dB	224°K	403578 +288 Hz
2022-05-07	Saturday	07: 00	069°	+15°	0 dB	0°	069°	+15°	209°	+25°	3. 0dB	223°K	403536 +294 Hz
2022-05-07	Saturday	07: 30	074°	+19°	0 dB	0°	074°	+19°	217°	+25°	3. 0dB	222°K	403494 +296 Hz
2022-05-07	Saturday	08: 00	079°	+24°	0 dB	0°	079°	+24°	224°	+25°	2. 9dB	221°K	403451 +293 Hz
2022-05-07	Saturday	08: 30	084°	+29°	0 dB	0°	084°	+29°	231°	+25°	2. 9dB	220°K	403407 +285 Hz
2022-05-07	Saturday	09: 00	089°	+34°	0 dB	0°	089°	+34°	238°	+25°	2. 9dB	219°K	403363 +274 Hz
2022-05-07	Saturday	09: 30	094°	+39°	0 dB	0°	094°	+39°	246°	+25°	2. 9dB	219°K	403318 +258 Hz
2022-05-07	Saturday	10: 00	100°	+44°	0 dB	0°	100°	+44°	253°	+25°	2. 9dB	218°K	403273 +238 Hz
2022-05-07	Saturday	10: 30	107°	+49°	0 dB	0°	107°	+49°	260°	+25°	2. 9dB	217°K	403227 +215 Hz
2022-05-07	Saturday	11: 00	114°	+54°	0 dB	0°	114°	+54°	267°	+25°	2. 9dB	216°K	403181 +188 Hz
2022-05-07	Saturday	11: 30	123°	+59°	0 dB	0°	123°	+59°	275°	+25°	2. 8dB	215°K	403134 +158 Hz
2022-05-07	Saturday	12: 00	134°	+63°	0 dB	0°	134°	+63°	282°	+25°	2. 8dB	214°K	403087 +126 Hz
2022-05-07	Saturday	12: 30	148°	+66°	0 dB	0°	148°	+66°	289°	+25°	2. 8dB	213°K	403039 +92 Hz
2022-05-07	Saturday	13: 00	164°	+68°	0 dB	0°	164°	+68°	296°	+25°	2. 8dB	212°K	402991 +57 Hz
2022-05-07	Saturday	13: 30	182°	+68°	0 dB	0°	182°	+68°	304°	+25°	2. 8dB	211°K	402942 +22 Hz
2022-05-07	Saturday	14: 00	199°	+67°	0 dB	0°	199°	+67°	311°	+25°	2. 8dB	210°K	402892 -14 Hz
2022-05-07	Saturday	14: 30	215°	+65°	0 dB	0°	215°	+65°	318°	+25°	2. 7dB	209°K	402842 -49 Hz
2022-05-07	Saturday	15: 00	228°	+62°	0 dB	0°	228°	+62°	325°	+25°	2. 7dB	208°K	402792 -82 Hz
2022-05-07	Saturday	15: 30	238°	+58°	0 dB	0°	238°	+58°	333°	+25°	2. 7dB	207°K	402741 -114 Hz
2022-05-07	Saturday	16: 00	247°	+53°	0 dB	0°	247°	+53°	340°	+25°	2. 7dB	206°K	402690 -144 Hz
2022-05-07	Saturday	16: 30	254°	+48°	0 dB	0°	254°	+48°	347°	+24°	2. 7dB	205°K	402638 -170 Hz
2022-05-07	Saturday	17: 00	260°	+43°	0 dB	0°	260°	+43°	354°	+24°	2. 7dB	205°K	402585 -194 Hz
2022-05-07	Saturday	17: 30	266°	+38°	0 dB	0°	266°	+38°	2°	+24°	2. 6dB	204°K	402532 -213 Hz
2022-05-07	Saturday	18: 00	271°	+33°	0 dB	0°	271°	+33°	9°	+24°	2. 6dB	203°K	402478 -229 Hz
2022-05-07	Saturday	18: 30	276°	+28°	0 dB	0°	276°	+28°	16°	+24°	2. 6dB	202°K	402424 -240 Hz
2022-05-07	Saturday	19: 00	281°	+23°	0 dB	0°	281°	+23°	23°	+24°	2. 6dB	201°K	402370 -247 Hz
2022-05-07	Saturday	19: 30	286°	+18°	0 dB	0°	286°	+18°	31°	+24°	2. 6dB	200°K	402315 -250 Hz
2022-05-07	Saturday	20: 00	291°	+13°	0 dB	0°	291°	+13°	38°	+24°	2. 5dB	199°K	402259 -248 Hz
2022-05-07	Saturday	20: 30	295°	+8°	0 dB	0°	295°	+8°	45°	+24°	2. 5dB	198°K	402203 -241 Hz
2022-05-07	Saturday	21: 00	300°	+4°	0 dB	0°	300°	+4°	52°	+24°	2. 5dB	197°K	402146 -231 Hz
2022-05-08	Sunday	06: 30	058°	+1°	0 dB	0°	058°	+1°	190°	+23°	2. 2dB	180°K	400973 +288 Hz
2022-05-08	Sunday	07: 00	063°	+5°	0 dB	0°	063°	+5°	198°	+23°	2. 1dB	179°K	400906 +300 Hz
2022-05-08	Sunday	07: 30	068°	+10°	0 dB	0°	068°	+10°	205°	+23°	2. 1dB	178°K	400838 +309 Hz
2022-05-08	Sunday	08: 00	073°	+15°	0 dB	0°	073°	+15°	212°	+23°	2. 1dB	177°K	400771 +314 Hz
2022-05-08	Sunday	08: 30	078°	+19°	0 dB	0°	078°	+19°	219°	+23°	2. 1dB	176°K	400702 +313 Hz
2022-05-08	Sunday	09: 00	083°	+24°	0 dB	0°	083°	+24°	227°	+23°	2. 1dB	175°K	400633 +309 Hz
2022-05-08	Sunday	09: 30	088°	+29°	0 dB	0°	088°	+29°	234°	+22°	2. 0dB	174°K	400564 +300 Hz
2022-05-08	Sunday	10: 00	093°	+35°	0 dB	0°	093°	+35°	241°	+22°	2. 0dB	174°K	400494 +286 Hz
2022-05-08	Sunday	10: 30	099°	+40°	0 dB	0°	099°	+40°	248°	+22°	2. 0dB	174°K	400424 +268 Hz
2022-05-08	Sunday	11: 00	105°	+44°	0 dB	0°	105°	+44°	256°	+22°	2. 0dB	174°K	400353 +247 Hz
2022-05-08	Sunday	11: 30	112°	+49°	0 dB	0°	112°	+49°	263°	+22°	2. 0dB	175°K	400281 +222 Hz
2022-05-08	Sunday	12: 00	121°	+54°	0 dB	0°	121°	+54°	270°	+22°	2. 0dB	175°K	400210 +193 Hz
2022-05-08	Sunday	12: 30	130°	+58°	0 dB	0°	130°	+58°	277°	+22°	2. 0dB	175°K	400137 +162 Hz
2022-05-08	Sunday	13: 00	142°	+61°	0 dB	0°	142°	+61°	285°	+22°	2. 0dB	175°K	400064 +128 Hz
2022-05-08	Sunday	13: 30	156°	+64°	0 dB	0°	156°	+64°	292°	+22°	2. 0dB	176°K	399991 +93 Hz
2022-05-08	Sunday	14: 00	171°	+65°	0 dB	0°	171°	+65°	299°	+22°	2. 0dB	176°K	399917 +57 Hz
2022-05-08	Sunday	14: 30	188°	+65°	0 dB	0°	188°	+65°	306°	+22°	2. 0dB	176°K	399843 +20 Hz
2022-05-08	Sunday	15: 00	203°	+64°	0 dB	0°	203°	+64°	314°	+22°	2. 0dB	177°K	399768 -16 Hz
2022-05-08	Sunday	15: 30	217°	+61°	0 dB	0°	217°	+61°	321°	+22°	2. 0dB	177°K	399693 -51 Hz
2022-05-08	Sunday	16: 00	229°	+58°	0 dB	0°	229°	+58°	328°	+22°	2. 0dB	177°K	399617 -85 Hz
2022-05-08	Sunday	16: 30	238°	+53°	0 dB	0°	238°	+53°	336°	+22°	2. 1dB	178°K	399541 -117 Hz





Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-10	Tuesday 22:00	278°	+7°	0 dB	0°	278°	+7°	33°	+12°	2.1dB	205°K	388915	-238 Hz
2022-05-10	Tuesday 22:30	283°	+2°	0 dB	0°	283°	+2°	40°	+11°	2.1dB	205°K	388797	-234 Hz
2022-05-11	Wednesday 10:00	080°	+2°	0 dB	0°	080°	+2°	208°	+9°	2.0dB	211°K	386025	+356 Hz
2022-05-11	Wednesday 10:30	085°	+7°	0 dB	0°	085°	+7°	215°	+9°	2.0dB	212°K	385902	+359 Hz
2022-05-11	Wednesday 11:00	091°	+12°	0 dB	0°	091°	+12°	222°	+9°	2.0dB	212°K	385779	+357 Hz
2022-05-11	Wednesday 11:30	096°	+17°	0 dB	0°	096°	+17°	230°	+9°	2.0dB	212°K	385656	+350 Hz
2022-05-11	Wednesday 12:00	102°	+22°	0 dB	0°	102°	+22°	237°	+8°	2.0dB	213°K	385533	+338 Hz
2022-05-11	Wednesday 12:30	108°	+26°	0 dB	0°	108°	+26°	244°	+8°	2.0dB	214°K	385410	+321 Hz
2022-05-11	Wednesday 13:00	114°	+31°	0 dB	0°	114°	+31°	251°	+8°	2.1dB	215°K	385286	+300 Hz
2022-05-11	Wednesday 13:30	121°	+36°	0 dB	0°	121°	+36°	259°	+8°	2.1dB	217°K	385162	+275 Hz
2022-05-11	Wednesday 14:00	128°	+40°	0 dB	0°	128°	+40°	266°	+8°	2.1dB	219°K	385039	+247 Hz
2022-05-11	Wednesday 14:30	137°	+43°	0 dB	0°	137°	+43°	273°	+8°	2.1dB	220°K	384915	+215 Hz
2022-05-11	Wednesday 15:00	146°	+46°	0 dB	0°	146°	+46°	280°	+8°	2.1dB	222°K	384791	+180 Hz
2022-05-11	Wednesday 15:30	156°	+49°	0 dB	0°	156°	+49°	288°	+8°	2.2dB	223°K	384666	+143 Hz
2022-05-11	Wednesday 16:00	167°	+50°	0 dB	0°	167°	+50°	295°	+7°	2.2dB	225°K	384542	+105 Hz
2022-05-11	Wednesday 16:30	179°	+51°	0 dB	0°	179°	+51°	302°	+7°	2.2dB	227°K	384418	+66 Hz
2022-05-11	Wednesday 17:00	190°	+50°	0 dB	0°	190°	+50°	310°	+7°	2.2dB	228°K	384293	+27 Hz
2022-05-11	Wednesday 17:30	201°	+49°	0 dB	0°	201°	+49°	317°	+7°	2.2dB	230°K	384169	-12 Hz
2022-05-11	Wednesday 18:00	212°	+46°	0 dB	0°	212°	+46°	324°	+7°	2.2dB	231°K	384044	-49 Hz
2022-05-11	Wednesday 18:30	221°	+43°	0 dB	0°	221°	+43°	331°	+7°	2.3dB	233°K	383919	-85 Hz
2022-05-11	Wednesday 19:00	229°	+39°	0 dB	0°	229°	+39°	339°	+7°	2.3dB	234°K	383794	-117 Hz
2022-05-11	Wednesday 19:30	237°	+35°	0 dB	0°	237°	+35°	346°	+7°	2.3dB	236°K	383669	-147 Hz
2022-05-11	Wednesday 20:00	244°	+31°	0 dB	0°	244°	+31°	353°	+6°	2.3dB	238°K	383544	-173 Hz
2022-05-11	Wednesday 20:30	250°	+26°	0 dB	0°	250°	+26°	0°	+6°	2.3dB	239°K	383419	-195 Hz
2022-05-11	Wednesday 21:00	256°	+21°	0 dB	0°	256°	+21°	8°	+6°	2.4dB	241°K	383294	-213 Hz
2022-05-11	Wednesday 21:30	261°	+16°	0 dB	0°	261°	+16°	15°	+6°	2.4dB	242°K	383168	-226 Hz
2022-05-11	Wednesday 22:00	266°	+11°	0 dB	0°	266°	+11°	22°	+6°	2.4dB	244°K	383043	-234 Hz
2022-05-11	Wednesday 22:30	272°	+6°	0 dB	0°	272°	+6°	30°	+6°	2.4dB	246°K	382917	-238 Hz
2022-05-11	Wednesday 23:00	277°	+1°	0 dB	0°	277°	+1°	37°	+6°	2.4dB	247°K	382792	-237 Hz
2022-05-12	Thursday 11:00	087°	-0°	0 dB	0°	087°	-0°	211°	+3°	2.8dB	288°K	379771	+361 Hz
2022-05-12	Thursday 11:30	092°	+5°	0 dB	0°	092°	+5°	219°	+3°	2.8dB	289°K	379646	+361 Hz
2022-05-12	Thursday 12:00	098°	+10°	0 dB	0°	098°	+10°	226°	+2°	2.9dB	291°K	379520	+357 Hz
2022-05-12	Thursday 12:30	103°	+15°	0 dB	0°	103°	+15°	233°	+2°	2.9dB	293°K	379394	+347 Hz
2022-05-12	Thursday 13:00	109°	+19°	0 dB	0°	109°	+19°	240°	+2°	2.9dB	294°K	379269	+332 Hz
2022-05-12	Thursday 13:30	115°	+24°	0 dB	0°	115°	+24°	248°	+2°	2.9dB	296°K	379143	+313 Hz
2022-05-12	Thursday 14:00	122°	+28°	0 dB	0°	122°	+28°	255°	+2°	2.9dB	298°K	379018	+290 Hz
2022-05-12	Thursday 14:30	129°	+32°	0 dB	0°	129°	+32°	262°	+2°	2.9dB	300°K	378893	+263 Hz
2022-05-12	Thursday 15:00	136°	+36°	0 dB	0°	136°	+36°	269°	+2°	2.9dB	301°K	378767	+232 Hz
2022-05-12	Thursday 15:30	145°	+39°	0 dB	0°	145°	+39°	277°	+2°	3.0dB	303°K	378642	+198 Hz
2022-05-12	Thursday 16:00	154°	+42°	0 dB	0°	154°	+42°	284°	+1°	3.0dB	305°K	378517	+162 Hz
2022-05-12	Thursday 16:30	164°	+43°	0 dB	0°	164°	+43°	291°	+1°	3.0dB	307°K	378392	+124 Hz
2022-05-12	Thursday 17:00	174°	+44°	0 dB	0°	174°	+44°	299°	+1°	3.0dB	308°K	378267	+85 Hz
2022-05-12	Thursday 17:30	184°	+44°	0 dB	0°	184°	+44°	306°	+1°	3.0dB	310°K	378142	+46 Hz
2022-05-12	Thursday 18:00	194°	+43°	0 dB	0°	194°	+43°	313°	+1°	3.0dB	312°K	378017	+7 Hz
2022-05-12	Thursday 18:30	204°	+42°	0 dB	0°	204°	+42°	320°	+1°	3.0dB	313°K	377893	-32 Hz
2022-05-12	Thursday 19:00	213°	+39°	0 dB	0°	213°	+39°	328°	+1°	3.0dB	313°K	377768	-68 Hz
2022-05-12	Thursday 19:30	221°	+36°	0 dB	0°	221°	+36°	335°	+1°	3.0dB	313°K	377644	-103 Hz
2022-05-12	Thursday 20:00	229°	+32°	0 dB	0°	229°	+32°	342°	+0°	3.0dB	313°K	377520	-134 Hz
2022-05-12	Thursday 20:30	236°	+28°	0 dB	0°	236°	+28°	349°	+0°	3.0dB	313°K	377395	-162 Hz
2022-05-12	Thursday 21:00	242°	+24°	0 dB	0°	242°	+24°	357°	+0°	3.0dB	313°K	377271	-186 Hz
2022-05-12	Thursday 21:30	248°	+19°	0 dB	0°	248°	+19°	4°	+0°	3.0dB	313°K	377148	-206 Hz
2022-05-12	Thursday 22:00	254°	+14°	0 dB	0°	254°	+14°	11°	-0°	3.0dB	313°K	377024	-222 Hz
2022-05-12	Thursday 22:30	259°	+9°	0 dB	0°	259°	+9°	18°	-0°	3.0dB	313°K	376900	-232 Hz
2022-05-12	Thursday 23:00	265°	+4°	0 dB	0°	265°	+4°	26°	-0°	3.0dB	313°K	376777	-238 Hz
2022-05-13	Fri day 12:30	099°	+2°	0 dB	0°	099°	+2°	222°	-4°	2.8dB	311°K	373515	+353 Hz
2022-05-13	Fri day 13:00	104°	+7°	0 dB	0°	104°	+7°	229°	-4°	2.8dB	310°K	373398	+346 Hz
2022-05-13	Fri day 13:30	110°	+12°	0 dB	0°	110°	+12°	236°	-4°	2.8dB	310°K	373280	+334 Hz
2022-05-13	Fri day 14:00	116°	+17°	0 dB	0°	116°	+17°	244°	-4°	2.8dB	310°K	373163	+317 Hz
2022-05-13	Fri day 14:30	122°	+21°	0 dB	0°	122°	+21°	251°	-4°	2.8dB	309°K	373047	+296 Hz
2022-05-13	Fri day 15:00	129°	+25°	0 dB	0°	129°	+25°	258°	-4°	2.8dB	309°K	372930	+271 Hz
2022-05-13	Fri day 15:30	136°	+29°	0 dB	0°	136°	+29°	265°	-5°	2.8dB	309°K	372814	+242 Hz
2022-05-13	Fri day 16:00	143°	+32°	0 dB	0°	143°	+32°	273°	-5°	2.7dB	308°K	372699	+210 Hz
2022-05-13	Fri day 16:30	152°	+34°	0 dB	0°	152°	+34°	280°	-5°	2.7dB	308°K	372583	+176 Hz
2022-05-13	Fri day 17:00	160°	+36°	0 dB	0°	160°	+36°	287°	-5°	2.7dB	308°K	372468	+139 Hz
2022-05-13	Fri day 17:30	169°	+38°	0 dB	0°	169°	+38°	294°	-5°	2.7dB	308°K	372353	+101 Hz
2022-05-13	Fri day 18:00	178°	+38°	0 dB	0°	178°	+38°	302°	-5°	2.7dB	307°K	372238	+62 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-13	Fri day	18: 30	188°	+38°	0 dB	0°	188°	+38°	309°	-5°	2. 7dB	307°K	372124 +23 Hz
2022-05-13	Fri day	19: 00	197°	+36°	0 dB	0°	197°	+36°	316°	-6°	2. 7dB	307°K	372010 -16 Hz
2022-05-13	Fri day	19: 30	205°	+34°	0 dB	0°	205°	+34°	324°	-6°	2. 7dB	306°K	371897 -53 Hz
2022-05-13	Fri day	20: 00	213°	+32°	0 dB	0°	213°	+32°	331°	-6°	2. 7dB	306°K	371784 -88 Hz
2022-05-13	Fri day	20: 30	221°	+29°	0 dB	0°	221°	+29°	338°	-6°	2. 7dB	306°K	371671 -121 Hz
2022-05-13	Fri day	21: 00	228°	+25°	0 dB	0°	228°	+25°	345°	-6°	2. 7dB	305°K	371558 -151 Hz
2022-05-13	Fri day	21: 30	235°	+21°	0 dB	0°	235°	+21°	353°	-6°	2. 6dB	305°K	371446 -177 Hz
2022-05-13	Fri day	22: 00	241°	+16°	0 dB	0°	241°	+16°	360°	-6°	2. 6dB	305°K	371334 -199 Hz
2022-05-13	Fri day	22: 30	246°	+12°	0 dB	0°	246°	+12°	7°	-6°	2. 6dB	304°K	371222 -217 Hz
2022-05-13	Fri day	23: 00	252°	+7°	0 dB	0°	252°	+7°	14°	-7°	2. 6dB	304°K	371111 -230 Hz
2022-05-13	Fri day	23: 30	257°	+2°	0 dB	0°	257°	+2°	22°	-7°	2. 6dB	304°K	371001 -239 Hz
2022-05-14	Saturday	14: 00	111°	+4°	0 dB	0°	111°	+4°	232°	-10°	2. 8dB	328°K	367965 +326 Hz
2022-05-14	Saturday	14: 30	116°	+9°	0 dB	0°	116°	+9°	239°	-11°	2. 8dB	329°K	367868 +313 Hz
2022-05-14	Saturday	15: 00	122°	+13°	0 dB	0°	122°	+13°	246°	-11°	2. 8dB	331°K	367770 +295 Hz
2022-05-14	Saturday	15: 30	128°	+17°	0 dB	0°	128°	+17°	254°	-11°	2. 8dB	332°K	367673 +272 Hz
2022-05-14	Saturday	16: 00	135°	+21°	0 dB	0°	135°	+21°	261°	-11°	2. 8dB	333°K	367577 +246 Hz
2022-05-14	Saturday	16: 30	142°	+24°	0 dB	0°	142°	+24°	268°	-11°	2. 8dB	335°K	367481 +217 Hz
2022-05-14	Saturday	17: 00	149°	+27°	0 dB	0°	149°	+27°	275°	-11°	2. 8dB	336°K	367385 +184 Hz
2022-05-14	Saturday	17: 30	157°	+29°	0 dB	0°	157°	+29°	282°	-11°	2. 8dB	337°K	367291 +150 Hz
2022-05-14	Saturday	18: 00	165°	+30°	0 dB	0°	165°	+30°	290°	-11°	2. 8dB	338°K	367196 +113 Hz
2022-05-14	Saturday	18: 30	173°	+31°	0 dB	0°	173°	+31°	297°	-12°	2. 8dB	340°K	367102 +75 Hz
2022-05-14	Saturday	19: 00	181°	+31°	0 dB	0°	181°	+31°	304°	-12°	2. 8dB	341°K	367009 +37 Hz
2022-05-14	Saturday	19: 30	190°	+31°	0 dB	0°	190°	+31°	311°	-12°	2. 9dB	342°K	366916 -1 Hz
2022-05-14	Saturday	20: 00	198°	+29°	0 dB	0°	198°	+29°	319°	-12°	2. 9dB	344°K	366824 -38 Hz
2022-05-14	Saturday	20: 30	206°	+27°	0 dB	0°	206°	+27°	326°	-12°	2. 9dB	345°K	366732 -74 Hz
2022-05-14	Saturday	21: 00	213°	+25°	0 dB	0°	213°	+25°	333°	-12°	2. 9dB	346°K	366641 -108 Hz
2022-05-14	Saturday	21: 30	220°	+22°	0 dB	0°	220°	+22°	340°	-12°	2. 9dB	348°K	366550 -139 Hz
2022-05-14	Saturday	22: 00	227°	+18°	0 dB	0°	227°	+18°	348°	-12°	2. 9dB	349°K	366460 -167 Hz
2022-05-14	Saturday	22: 30	233°	+14°	0 dB	0°	233°	+14°	355°	-13°	2. 9dB	350°K	366370 -191 Hz
2022-05-14	Saturday	23: 00	239°	+10°	0 dB	0°	239°	+10°	2°	-13°	2. 9dB	351°K	366281 -211 Hz
2022-05-14	Saturday	23: 30	244°	+5°	0 dB	0°	244°	+5°	9°	-13°	2. 9dB	353°K	366193 -227 Hz
2022-05-15	Sunday	00: 00	249°	+1°	0 dB	0°	249°	+1°	17°	-13°	2. 9dB	354°K	366105 -238 Hz
2022-05-15	Sunday	15: 00	116°	+1°	0 dB	0°	116°	+1°	233°	-16°	3. 2dB	390°K	363740 +300 Hz
2022-05-15	Sunday	15: 30	121°	+5°	0 dB	0°	121°	+5°	241°	-17°	3. 2dB	391°K	363671 +286 Hz
2022-05-15	Sunday	16: 00	127°	+9°	0 dB	0°	127°	+9°	248°	-17°	3. 2dB	393°K	363602 +267 Hz
2022-05-15	Sunday	16: 30	133°	+13°	0 dB	0°	133°	+13°	255°	-17°	3. 2dB	394°K	363534 +245 Hz
2022-05-15	Sunday	17: 00	139°	+16°	0 dB	0°	139°	+16°	262°	-17°	3. 2dB	395°K	363467 +219 Hz
2022-05-15	Sunday	17: 30	146°	+19°	0 dB	0°	146°	+19°	270°	-17°	3. 2dB	396°K	363401 +189 Hz
2022-05-15	Sunday	18: 00	153°	+22°	0 dB	0°	153°	+22°	277°	-17°	3. 2dB	397°K	363335 +157 Hz
2022-05-15	Sunday	18: 30	160°	+24°	0 dB	0°	160°	+24°	284°	-17°	3. 2dB	398°K	363269 +123 Hz
2022-05-15	Sunday	19: 00	168°	+25°	0 dB	0°	168°	+25°	291°	-17°	3. 3dB	399°K	363205 +88 Hz
2022-05-15	Sunday	19: 30	175°	+25°	0 dB	0°	175°	+25°	298°	-17°	3. 3dB	400°K	363141 +51 Hz
2022-05-15	Sunday	20: 00	183°	+25°	0 dB	0°	183°	+25°	306°	-18°	3. 3dB	401°K	363078 +14 Hz
2022-05-15	Sunday	20: 30	190°	+25°	0 dB	0°	190°	+25°	313°	-18°	3. 3dB	402°K	363015 -23 Hz
2022-05-15	Sunday	21: 00	198°	+23°	0 dB	0°	198°	+23°	320°	-18°	3. 3dB	403°K	362953 -58 Hz
2022-05-15	Sunday	21: 30	205°	+21°	0 dB	0°	205°	+21°	327°	-18°	3. 3dB	404°K	362892 -92 Hz
2022-05-15	Sunday	22: 00	212°	+19°	0 dB	0°	212°	+19°	335°	-18°	3. 3dB	405°K	362831 -124 Hz
2022-05-15	Sunday	22: 30	218°	+16°	0 dB	0°	218°	+16°	342°	-18°	3. 3dB	406°K	362771 -154 Hz
2022-05-15	Sunday	23: 00	225°	+13°	0 dB	0°	225°	+13°	349°	-18°	3. 3dB	407°K	362712 -180 Hz
2022-05-15	Sunday	23: 30	230°	+9°	0 dB	0°	230°	+9°	356°	-18°	3. 3dB	408°K	362654 -202 Hz
2022-05-16	Monday	00: 00	236°	+5°	0 dB	0°	236°	+5°	3°	-18°	3. 3dB	409°K	362596 -221 Hz
2022-05-16	Monday	00: 30	241°	+0°	0 dB	0°	241°	+0°	11°	-19°	3. 3dB	410°K	362539 -236 Hz
2022-05-16	Monday	16: 30	125°	+1°	0 dB	0°	125°	+1°	241°	-22°	3. 9dB	489°K	361083 +258 Hz
2022-05-16	Monday	17: 00	130°	+5°	0 dB	0°	130°	+5°	248°	-22°	4. 0dB	494°K	361049 +239 Hz
2022-05-16	Monday	17: 30	136°	+9°	0 dB	0°	136°	+9°	256°	-22°	4. 0dB	500°K	361016 +218 Hz
2022-05-16	Monday	18: 00	142°	+12°	0 dB	0°	142°	+12°	263°	-22°	4. 1dB	506°K	360984 +192 Hz
2022-05-16	Monday	18: 30	148°	+15°	0 dB	0°	148°	+15°	270°	-22°	4. 1dB	511°K	360953 +164 Hz
2022-05-16	Monday	19: 00	155°	+17°	0 dB	0°	155°	+17°	277°	-22°	4. 1dB	517°K	360922 +133 Hz
2022-05-16	Monday	19: 30	162°	+19°	0 dB	0°	162°	+19°	284°	-22°	4. 2dB	523°K	360892 +100 Hz
2022-05-16	Monday	20: 00	169°	+20°	0 dB	0°	169°	+20°	292°	-22°	4. 2dB	528°K	360863 +66 Hz
2022-05-16	Monday	20: 30	176°	+21°	0 dB	0°	176°	+21°	299°	-22°	4. 3dB	534°K	360835 +31 Hz
2022-05-16	Monday	21: 00	183°	+21°	0 dB	0°	183°	+21°	306°	-22°	4. 3dB	540°K	360807 -5 Hz
2022-05-16	Monday	21: 30	190°	+20°	0 dB	0°	190°	+20°	313°	-23°	4. 3dB	545°K	360780 -40 Hz
2022-05-16	Monday	22: 00	197°	+19°	0 dB	0°	197°	+19°	320°	-23°	4. 4dB	551°K	360754 -74 Hz
2022-05-16	Monday	22: 30	204°	+17°	0 dB	0°	204°	+17°	328°	-23°	4. 4dB	557°K	360728 -107 Hz
2022-05-16	Monday	23: 00	210°	+14°	0 dB	0°	210°	+14°	335°	-23°	4. 5dB	562°K	360703 -138 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-05-16	Monday	23:30	216°	+12°	0 dB	0°	216°	+12°	342°	-23°	4.5dB	568°K	360679	-166 Hz
2022-05-17	Tuesday	00:00	222°	+8°	0 dB	0°	222°	+8°	349°	-23°	4.5dB	574°K	360656	-191 Hz
2022-05-17	Tuesday	00:30	228°	+5°	0 dB	0°	228°	+5°	356°	-23°	4.6dB	579°K	360634	-212 Hz
2022-05-17	Tuesday	01:00	233°	+1°	0 dB	0°	233°	+1°	4°	-23°	4.6dB	585°K	360612	-230 Hz
2022-05-17	Tuesday	18:00	132°	+2°	0 dB	0°	132°	+2°	248°	-25°	7.2dB	1121°K	360309	+216 Hz
2022-05-17	Tuesday	18:30	138°	+5°	0 dB	0°	138°	+5°	255°	-25°	7.3dB	1155°K	360313	+195 Hz
2022-05-17	Tuesday	19:00	143°	+9°	0 dB	0°	143°	+9°	262°	-25°	7.5dB	1188°K	360318	+171 Hz
2022-05-17	Tuesday	19:30	149°	+11°	0 dB	0°	149°	+11°	269°	-25°	7.6dB	1222°K	360323	+144 Hz
2022-05-17	Tuesday	20:00	155°	+14°	0 dB	0°	155°	+14°	277°	-26°	7.7dB	1256°K	360329	+114 Hz
2022-05-17	Tuesday	20:30	162°	+15°	0 dB	0°	162°	+15°	284°	-26°	7.8dB	1290°K	360336	+83 Hz
2022-05-17	Tuesday	21:00	169°	+17°	0 dB	0°	169°	+17°	291°	-26°	7.9dB	1323°K	360343	+50 Hz
2022-05-17	Tuesday	21:30	175°	+17°	0 dB	0°	175°	+17°	298°	-26°	8.0dB	1357°K	360352	+16 Hz
2022-05-17	Tuesday	22:00	182°	+17°	0 dB	0°	182°	+17°	305°	-26°	8.1dB	1391°K	360361	-18 Hz
2022-05-17	Tuesday	22:30	189°	+17°	0 dB	0°	189°	+17°	312°	-26°	8.2dB	1425°K	360370	-53 Hz
2022-05-17	Tuesday	23:00	196°	+16°	0 dB	0°	196°	+16°	320°	-26°	8.3dB	1459°K	360381	-86 Hz
2022-05-17	Tuesday	23:30	202°	+14°	0 dB	0°	202°	+14°	327°	-26°	8.4dB	1492°K	360392	-118 Hz
2022-05-18	Wednesday	00:00	208°	+12°	0 dB	0°	208°	+12°	334°	-26°	8.5dB	1526°K	360403	-148 Hz
2022-05-18	Wednesday	00:30	214°	+9°	0 dB	0°	214°	+9°	341°	-26°	8.6dB	1560°K	360416	-175 Hz
2022-05-18	Wednesday	01:00	220°	+6°	0 dB	0°	220°	+6°	348°	-26°	8.7dB	1594°K	360429	-200 Hz
2022-05-18	Wednesday	01:30	226°	+3°	0 dB	0°	226°	+3°	356°	-26°	8.8dB	1653°K	360443	-222 Hz
2022-05-18	Wednesday	19:00	132°	-0°	0 dB	0°	132°	-0°	247°	-27°	10.7dB	2521°K	361359	+199 Hz
2022-05-18	Wednesday	19:30	137°	+4°	0 dB	0°	137°	+4°	254°	-27°	10.6dB	2465°K	361397	+180 Hz
2022-05-18	Wednesday	20:00	143°	+7°	0 dB	0°	143°	+7°	261°	-27°	10.5dB	2408°K	361436	+157 Hz
2022-05-18	Wednesday	20:30	149°	+10°	0 dB	0°	149°	+10°	268°	-27°	10.4dB	2352°K	361475	+131 Hz
2022-05-18	Wednesday	21:00	155°	+12°	0 dB	0°	155°	+12°	275°	-27°	10.3dB	2295°K	361515	+102 Hz
2022-05-18	Wednesday	21:30	161°	+14°	0 dB	0°	161°	+14°	282°	-27°	10.2dB	2239°K	361556	+72 Hz
2022-05-18	Wednesday	22:00	168°	+15°	0 dB	0°	168°	+15°	290°	-27°	10.1dB	2182°K	361597	+39 Hz
2022-05-18	Wednesday	22:30	174°	+16°	0 dB	0°	174°	+16°	297°	-27°	10.0dB	2126°K	361639	+6 Hz
2022-05-18	Wednesday	23:00	181°	+16°	0 dB	0°	181°	+16°	304°	-27°	9.8dB	2069°K	361681	-28 Hz
2022-05-18	Wednesday	23:30	188°	+16°	0 dB	0°	188°	+16°	311°	-27°	9.7dB	2013°K	361724	-61 Hz
2022-05-19	Thursday	00:00	194°	+15°	0 dB	0°	194°	+15°	318°	-27°	9.6dB	1957°K	361768	-94 Hz
2022-05-19	Thursday	00:30	201°	+13°	0 dB	0°	201°	+13°	326°	-27°	9.5dB	1900°K	361812	-126 Hz
2022-05-19	Thursday	01:00	207°	+11°	0 dB	0°	207°	+11°	333°	-27°	9.4dB	1844°K	361856	-156 Hz
2022-05-19	Thursday	01:30	213°	+9°	0 dB	0°	213°	+9°	340°	-27°	9.2dB	1788°K	361902	-184 Hz
2022-05-19	Thursday	02:00	219°	+6°	0 dB	0°	219°	+6°	347°	-27°	9.1dB	1731°K	361948	-209 Hz
2022-05-19	Thursday	02:30	224°	+3°	0 dB	0°	224°	+3°	354°	-27°	9.0dB	1675°K	361994	-231 Hz
2022-05-19	Thursday	20:00	131°	-0°	0 dB	0°	131°	-0°	245°	-26°	4.5dB	542°K	363975	+191 Hz
2022-05-19	Thursday	20:30	136°	+3°	0 dB	0°	136°	+3°	253°	-26°	4.4dB	526°K	364040	+172 Hz
2022-05-19	Thursday	21:00	142°	+7°	0 dB	0°	142°	+7°	260°	-26°	4.3dB	517°K	364107	+149 Hz
2022-05-19	Thursday	21:30	148°	+10°	0 dB	0°	148°	+10°	267°	-26°	4.2dB	510°K	364174	+124 Hz
2022-05-19	Thursday	22:00	154°	+12°	0 dB	0°	154°	+12°	274°	-26°	4.2dB	503°K	364241	+96 Hz
2022-05-19	Thursday	22:30	160°	+14°	0 dB	0°	160°	+14°	281°	-26°	4.1dB	496°K	364309	+65 Hz
2022-05-19	Thursday	23:00	166°	+16°	0 dB	0°	166°	+16°	288°	-26°	4.1dB	489°K	364377	+33 Hz
2022-05-19	Thursday	23:30	173°	+17°	0 dB	0°	173°	+17°	296°	-26°	4.0dB	482°K	364446	0 Hz
2022-05-20	Friday	00:00	180°	+17°	0 dB	0°	180°	+17°	303°	-26°	4.0dB	475°K	364515	-34 Hz
2022-05-20	Friday	00:30	187°	+17°	0 dB	0°	187°	+17°	310°	-26°	3.9dB	469°K	364584	-68 Hz
2022-05-20	Friday	01:00	193°	+16°	0 dB	0°	193°	+16°	317°	-26°	3.9dB	462°K	364654	-102 Hz
2022-05-20	Friday	01:30	200°	+14°	0 dB	0°	200°	+14°	324°	-26°	3.8dB	455°K	364725	-134 Hz
2022-05-20	Friday	02:00	206°	+13°	0 dB	0°	206°	+13°	332°	-26°	3.8dB	448°K	364796	-165 Hz
2022-05-20	Friday	02:30	212°	+10°	0 dB	0°	212°	+10°	339°	-26°	3.7dB	441°K	364867	-194 Hz
2022-05-20	Friday	03:00	218°	+7°	0 dB	0°	218°	+7°	346°	-26°	3.7dB	435°K	364939	-220 Hz
2022-05-20	Friday	03:30	224°	+4°	0 dB	0°	224°	+4°	353°	-26°	3.6dB	428°K	365011	-242 Hz
2022-05-20	Friday	04:00	229°	+0°	0 dB	0°	229°	+0°	0°	-26°	3.5dB	421°K	365084	-262 Hz
2022-05-20	Friday	21:00	129°	+2°	0 dB	0°	129°	+2°	245°	-24°	2.7dB	326°K	367785	+189 Hz
2022-05-20	Friday	21:30	134°	+5°	0 dB	0°	134°	+5°	252°	-24°	2.7dB	326°K	367871	+170 Hz
2022-05-20	Friday	22:00	140°	+9°	0 dB	0°	140°	+9°	259°	-24°	2.7dB	326°K	367956	+147 Hz
2022-05-20	Friday	22:30	146°	+12°	0 dB	0°	146°	+12°	267°	-24°	2.7dB	326°K	368043	+121 Hz
2022-05-20	Friday	23:00	152°	+15°	0 dB	0°	152°	+15°	274°	-24°	2.7dB	326°K	368129	+92 Hz
2022-05-20	Friday	23:30	159°	+17°	0 dB	0°	159°	+17°	281°	-24°	2.7dB	326°K	368216	+61 Hz
2022-05-21	Saturday	00:00	166°	+18°	0 dB	0°	166°	+18°	288°	-24°	2.7dB	326°K	368302	+28 Hz
2022-05-21	Saturday	00:30	173°	+19°	0 dB	0°	173°	+19°	295°	-23°	2.7dB	326°K	368390	-6 Hz
2022-05-21	Saturday	01:00	180°	+20°	0 dB	0°	180°	+20°	303°	-23°	2.8dB	326°K	368477	-41 Hz
2022-05-21	Saturday	01:30	187°	+19°	0 dB	0°	187°	+19°	310°	-23°	2.8dB	326°K	368565	-76 Hz
2022-05-21	Saturday	02:00	194°	+19°	0 dB	0°	194°	+19°	317°	-23°	2.8dB	326°K	368653	-110 Hz
2022-05-21	Saturday	02:30	200°	+17°	0 dB	0°	200°	+17°	324°	-23°	2.8dB	326°K	368741	-144 Hz
2022-05-21	Saturday	03:00	207°	+15°	0 dB	0°	207°	+15°	331°	-23°	2.8dB	326°K	368830	-175 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-05-21	Saturday	03:30	214°	+13°	0 dB	0°	214°	+13°	339°	-23°	2.8dB	326°K	368919	-205 Hz
2022-05-21	Saturday	04:00	220°	+10°	0 dB	0°	220°	+10°	346°	-23°	2.8dB	326°K	369008	-232 Hz
2022-05-21	Saturday	04:30	225°	+7°	0 dB	0°	225°	+7°	353°	-23°	2.8dB	326°K	369097	-256 Hz
2022-05-21	Saturday	05:00	231°	+3°	0 dB	0°	231°	+3°	0°	-23°	2.8dB	326°K	369187	-276 Hz
2022-05-21	Saturday	21:30	122°	+1°	0 dB	0°	122°	+1°	238°	-20°	2.9dB	321°K	372264	+206 Hz
2022-05-21	Saturday	22:00	127°	+5°	0 dB	0°	127°	+5°	246°	-20°	2.9dB	320°K	372360	+190 Hz
2022-05-21	Saturday	22:30	133°	+9°	0 dB	0°	133°	+9°	253°	-20°	2.9dB	319°K	372456	+170 Hz
2022-05-21	Saturday	23:00	139°	+13°	0 dB	0°	139°	+13°	260°	-20°	2.9dB	318°K	372553	+147 Hz
2022-05-21	Saturday	23:30	145°	+16°	0 dB	0°	145°	+16°	267°	-20°	2.8dB	317°K	372649	+119 Hz
2022-05-22	Sunday	00:00	152°	+19°	0 dB	0°	152°	+19°	275°	-20°	2.8dB	316°K	372746	+89 Hz
2022-05-22	Sunday	00:30	158°	+21°	0 dB	0°	158°	+21°	282°	-19°	2.8dB	314°K	372843	+57 Hz
2022-05-22	Sunday	01:00	166°	+23°	0 dB	0°	166°	+23°	289°	-19°	2.8dB	313°K	372940	+23 Hz
2022-05-22	Sunday	01:30	173°	+24°	0 dB	0°	173°	+24°	296°	-19°	2.8dB	312°K	373037	-13 Hz
2022-05-22	Sunday	02:00	181°	+24°	0 dB	0°	181°	+24°	304°	-19°	2.8dB	311°K	373134	-49 Hz
2022-05-22	Sunday	02:30	188°	+24°	0 dB	0°	188°	+24°	311°	-19°	2.8dB	310°K	373231	-85 Hz
2022-05-22	Sunday	03:00	195°	+23°	0 dB	0°	195°	+23°	318°	-19°	2.8dB	308°K	373329	-121 Hz
2022-05-22	Sunday	03:30	203°	+21°	0 dB	0°	203°	+21°	325°	-19°	2.8dB	307°K	373426	-156 Hz
2022-05-22	Sunday	04:00	210°	+19°	0 dB	0°	210°	+19°	332°	-19°	2.8dB	306°K	373524	-188 Hz
2022-05-22	Sunday	04:30	216°	+16°	0 dB	0°	216°	+16°	340°	-19°	2.8dB	305°K	373621	-219 Hz
2022-05-22	Sunday	05:00	223°	+13°	0 dB	0°	223°	+13°	347°	-19°	2.7dB	304°K	373719	-246 Hz
2022-05-22	Sunday	05:30	229°	+10°	0 dB	0°	229°	+10°	354°	-18°	2.7dB	303°K	373817	-270 Hz
2022-05-22	Sunday	06:00	234°	+6°	0 dB	0°	234°	+6°	1°	-18°	2.7dB	301°K	373915	-290 Hz
2022-05-22	Sunday	06:30	240°	+2°	0 dB	0°	240°	+2°	9°	-18°	2.7dB	300°K	374013	-307 Hz
2022-05-22	Sunday	22:00	115°	+2°	0 dB	0°	115°	+2°	233°	-15°	2.1dB	244°K	377083	+224 Hz
2022-05-22	Sunday	22:30	120°	+6°	0 dB	0°	120°	+6°	240°	-15°	2.1dB	243°K	377182	+210 Hz
2022-05-22	Sunday	23:00	126°	+10°	0 dB	0°	126°	+10°	248°	-15°	2.1dB	243°K	377282	+193 Hz
2022-05-22	Sunday	23:30	132°	+14°	0 dB	0°	132°	+14°	255°	-15°	2.1dB	243°K	377381	+171 Hz
2022-05-23	Monday	00:00	138°	+18°	0 dB	0°	138°	+18°	262°	-15°	2.1dB	243°K	377480	+145 Hz
2022-05-23	Monday	00:30	145°	+21°	0 dB	0°	145°	+21°	269°	-14°	2.1dB	243°K	377580	+116 Hz
2022-05-23	Monday	01:00	152°	+24°	0 dB	0°	152°	+24°	277°	-14°	2.1dB	243°K	377679	+84 Hz
2022-05-23	Monday	01:30	159°	+26°	0 dB	0°	159°	+26°	284°	-14°	2.1dB	243°K	377779	+50 Hz
2022-05-23	Monday	02:00	167°	+28°	0 dB	0°	167°	+28°	291°	-14°	2.1dB	243°K	377878	+14 Hz
2022-05-23	Monday	02:30	175°	+29°	0 dB	0°	175°	+29°	298°	-14°	2.1dB	243°K	377978	-23 Hz
2022-05-23	Monday	03:00	183°	+29°	0 dB	0°	183°	+29°	306°	-14°	2.1dB	243°K	378077	-61 Hz
2022-05-23	Monday	03:30	191°	+29°	0 dB	0°	191°	+29°	313°	-14°	2.2dB	243°K	378176	-98 Hz
2022-05-23	Monday	04:00	199°	+27°	0 dB	0°	199°	+27°	320°	-14°	2.2dB	243°K	378276	-135 Hz
2022-05-23	Monday	04:30	207°	+26°	0 dB	0°	207°	+26°	327°	-14°	2.2dB	243°K	378375	-170 Hz
2022-05-23	Monday	05:00	214°	+23°	0 dB	0°	214°	+23°	335°	-13°	2.2dB	243°K	378474	-203 Hz
2022-05-23	Monday	05:30	221°	+20°	0 dB	0°	221°	+20°	342°	-13°	2.2dB	243°K	378573	-234 Hz
2022-05-23	Monday	06:00	227°	+17°	0 dB	0°	227°	+17°	349°	-13°	2.2dB	243°K	378673	-261 Hz
2022-05-23	Monday	06:30	234°	+13°	0 dB	0°	234°	+13°	356°	-13°	2.2dB	243°K	378772	-285 Hz
2022-05-23	Monday	07:00	240°	+9°	0 dB	0°	240°	+9°	4°	-13°	2.2dB	243°K	378871	-304 Hz
2022-05-23	Monday	07:30	245°	+4°	0 dB	0°	245°	+4°	11°	-13°	2.2dB	243°K	378970	-319 Hz
2022-05-23	Monday	08:00	251°	-0°	0 dB	0°	251°	-0°	18°	-13°	2.2dB	243°K	379069	-330 Hz
2022-05-23	Monday	22:30	108°	+3°	0 dB	0°	108°	+3°	229°	-9°	2.3dB	240°K	381916	+239 Hz
2022-05-23	Monday	23:00	113°	+8°	0 dB	0°	113°	+8°	236°	-9°	2.3dB	240°K	382013	+228 Hz
2022-05-23	Monday	23:30	119°	+12°	0 dB	0°	119°	+12°	243°	-9°	2.3dB	240°K	382110	+212 Hz
2022-05-24	Tuesday	00:00	125°	+17°	0 dB	0°	125°	+17°	251°	-9°	2.3dB	240°K	382206	+192 Hz
2022-05-24	Tuesday	00:30	131°	+21°	0 dB	0°	131°	+21°	258°	-9°	2.3dB	239°K	382303	+168 Hz
2022-05-24	Tuesday	01:00	138°	+25°	0 dB	0°	138°	+25°	265°	-9°	2.3dB	239°K	382400	+140 Hz
2022-05-24	Tuesday	01:30	145°	+28°	0 dB	0°	145°	+28°	272°	-9°	2.3dB	239°K	382496	+109 Hz
2022-05-24	Tuesday	02:00	153°	+31°	0 dB	0°	153°	+31°	280°	-9°	2.3dB	239°K	382593	+75 Hz
2022-05-24	Tuesday	02:30	161°	+33°	0 dB	0°	161°	+33°	287°	-8°	2.3dB	239°K	382689	+39 Hz
2022-05-24	Tuesday	03:00	169°	+34°	0 dB	0°	169°	+34°	294°	-8°	2.3dB	239°K	382785	+1 Hz
2022-05-24	Tuesday	03:30	178°	+35°	0 dB	0°	178°	+35°	301°	-8°	2.3dB	239°K	382881	-37 Hz
2022-05-24	Tuesday	04:00	187°	+35°	0 dB	0°	187°	+35°	309°	-8°	2.3dB	239°K	382977	-76 Hz
2022-05-24	Tuesday	04:30	196°	+34°	0 dB	0°	196°	+34°	316°	-8°	2.3dB	239°K	383073	-114 Hz
2022-05-24	Tuesday	05:00	204°	+32°	0 dB	0°	204°	+32°	323°	-8°	2.3dB	239°K	383168	-151 Hz
2022-05-24	Tuesday	05:30	212°	+30°	0 dB	0°	212°	+30°	331°	-8°	2.3dB	239°K	383264	-186 Hz
2022-05-24	Tuesday	06:00	220°	+27°	0 dB	0°	220°	+27°	338°	-8°	2.3dB	239°K	383359	-219 Hz
2022-05-24	Tuesday	06:30	227°	+24°	0 dB	0°	227°	+24°	345°	-8°	2.3dB	239°K	383455	-249 Hz
2022-05-24	Tuesday	07:00	234°	+20°	0 dB	0°	234°	+20°	352°	-7°	2.3dB	239°K	383550	-275 Hz
2022-05-24	Tuesday	07:30	240°	+16°	0 dB	0°	240°	+16°	360°	-7°	2.3dB	239°K	383645	-297 Hz
2022-05-24	Tuesday	08:00	246°	+11°	0 dB	0°	246°	+11°	7°	-7°	2.3dB	239°K	383740	-316 Hz
2022-05-24	Tuesday	08:30	251°	+7°	0 dB	0°	251°	+7°	14°	-7°	2.4dB	239°K	383835	-329 Hz
2022-05-24	Tuesday	09:00	257°	+2°	0 dB	0°	257°	+2°	21°	-7°	2.4dB	239°K	383930	-338 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-24	Tuesday 22:30	096°	-0°	0 dB	0°	096°	-0°	218°	-4°	2.6dB	248°K	386436	+256 Hz
2022-05-24	Tuesday 23:00	101°	+5°	0 dB	0°	101°	+5°	225°	-4°	2.6dB	248°K	386527	+251 Hz
2022-05-24	Tuesday 23:30	107°	+10°	0 dB	0°	107°	+10°	232°	-3°	2.6dB	249°K	386617	+242 Hz
2022-05-25	Wednesday00:00	112°	+15°	0 dB	0°	112°	+15°	240°	-3°	2.6dB	250°K	386708	+228 Hz
2022-05-25	Wednesday00:30	118°	+20°	0 dB	0°	118°	+20°	247°	-3°	2.6dB	250°K	386798	+210 Hz
2022-05-25	Wednesday01:00	124°	+24°	0 dB	0°	124°	+24°	254°	-3°	2.7dB	251°K	386888	+187 Hz
2022-05-25	Wednesday01:30	131°	+28°	0 dB	0°	131°	+28°	262°	-3°	2.7dB	251°K	386978	+161 Hz
2022-05-25	Wednesday02:00	138°	+32°	0 dB	0°	138°	+32°	269°	-3°	2.7dB	252°K	387068	+130 Hz
2022-05-25	Wednesday02:30	146°	+35°	0 dB	0°	146°	+35°	276°	-3°	2.7dB	252°K	387158	+97 Hz
2022-05-25	Wednesday03:00	155°	+38°	0 dB	0°	155°	+38°	283°	-3°	2.7dB	253°K	387247	+61 Hz
2022-05-25	Wednesday03:30	164°	+40°	0 dB	0°	164°	+40°	291°	-2°	2.7dB	254°K	387337	+24 Hz
2022-05-25	Wednesday04:00	173°	+41°	0 dB	0°	173°	+41°	298°	-2°	2.7dB	254°K	387426	-15 Hz
2022-05-25	Wednesday04:30	183°	+41°	0 dB	0°	183°	+41°	305°	-2°	2.7dB	255°K	387515	-54 Hz
2022-05-25	Wednesday05:00	193°	+40°	0 dB	0°	193°	+40°	313°	-2°	2.7dB	255°K	387604	-93 Hz
2022-05-25	Wednesday05:30	202°	+39°	0 dB	0°	202°	+39°	320°	-2°	2.8dB	256°K	387692	-132 Hz
2022-05-25	Wednesday06:00	211°	+37°	0 dB	0°	211°	+37°	327°	-2°	2.8dB	256°K	387781	-168 Hz
2022-05-25	Wednesday06:30	219°	+34°	0 dB	0°	219°	+34°	334°	-2°	2.8dB	257°K	387869	-203 Hz
2022-05-25	Wednesday07:00	227°	+31°	0 dB	0°	227°	+31°	342°	-2°	2.8dB	257°K	387957	-234 Hz
2022-05-25	Wednesday07:30	234°	+27°	0 dB	0°	234°	+27°	349°	-1°	2.8dB	258°K	388045	-262 Hz
2022-05-25	Wednesday08:00	241°	+23°	0 dB	0°	241°	+23°	356°	-1°	2.8dB	259°K	388133	-287 Hz
2022-05-25	Wednesday08:30	247°	+18°	0 dB	0°	247°	+18°	4°	-1°	2.8dB	259°K	388221	-307 Hz
2022-05-25	Wednesday09:00	253°	+13°	0 dB	0°	253°	+13°	11°	-1°	2.8dB	260°K	388308	-323 Hz
2022-05-25	Wednesday09:30	258°	+9°	0 dB	0°	258°	+9°	18°	-1°	2.9dB	260°K	388396	-334 Hz
2022-05-25	Wednesday10:00	264°	+4°	0 dB	0°	264°	+4°	25°	-1°	2.9dB	261°K	388483	-340 Hz
2022-05-25	Wednesday23:00	090°	+2°	0 dB	0°	090°	+2°	215°	+2°	3.2dB	275°K	390686	+262 Hz
2022-05-25	Wednesday23:30	095°	+7°	0 dB	0°	095°	+7°	222°	+2°	3.2dB	276°K	390768	+260 Hz
2022-05-26	Thursday 00:00	100°	+12°	0 dB	0°	100°	+12°	229°	+3°	3.2dB	276°K	390850	+253 Hz
2022-05-26	Thursday 00:30	106°	+17°	0 dB	0°	106°	+17°	237°	+3°	3.2dB	277°K	390932	+241 Hz
2022-05-26	Thursday 01:00	111°	+22°	0 dB	0°	111°	+22°	244°	+3°	3.2dB	277°K	391014	+224 Hz
2022-05-26	Thursday 01:30	117°	+27°	0 dB	0°	117°	+27°	251°	+3°	3.2dB	278°K	391096	+203 Hz
2022-05-26	Thursday 02:00	124°	+31°	0 dB	0°	124°	+31°	258°	+3°	3.2dB	278°K	391177	+178 Hz
2022-05-26	Thursday 02:30	131°	+35°	0 dB	0°	131°	+35°	266°	+3°	3.2dB	279°K	391258	+149 Hz
2022-05-26	Thursday 03:00	139°	+39°	0 dB	0°	139°	+39°	273°	+3°	3.2dB	279°K	391339	+117 Hz
2022-05-26	Thursday 03:30	148°	+42°	0 dB	0°	148°	+42°	280°	+3°	3.3dB	280°K	391420	+82 Hz
2022-05-26	Thursday 04:00	158°	+45°	0 dB	0°	158°	+45°	288°	+3°	3.3dB	281°K	391500	+45 Hz
2022-05-26	Thursday 04:30	168°	+46°	0 dB	0°	168°	+46°	295°	+4°	3.3dB	281°K	391581	+6 Hz
2022-05-26	Thursday 05:00	179°	+47°	0 dB	0°	179°	+47°	302°	+4°	3.3dB	282°K	391661	-33 Hz
2022-05-26	Thursday 05:30	189°	+47°	0 dB	0°	189°	+47°	309°	+4°	3.3dB	282°K	391741	-73 Hz
2022-05-26	Thursday 06:00	200°	+46°	0 dB	0°	200°	+46°	317°	+4°	3.3dB	283°K	391821	-111 Hz
2022-05-26	Thursday 06:30	210°	+44°	0 dB	0°	210°	+44°	324°	+4°	3.3dB	283°K	391900	-149 Hz
2022-05-26	Thursday 07:00	219°	+41°	0 dB	0°	219°	+41°	331°	+4°	3.3dB	284°K	391980	-184 Hz
2022-05-26	Thursday 07:30	228°	+37°	0 dB	0°	228°	+37°	339°	+4°	3.3dB	284°K	392059	-217 Hz
2022-05-26	Thursday 08:00	235°	+34°	0 dB	0°	235°	+34°	346°	+4°	3.3dB	285°K	392138	-247 Hz
2022-05-26	Thursday 08:30	242°	+29°	0 dB	0°	242°	+29°	353°	+5°	3.3dB	285°K	392217	-273 Hz
2022-05-26	Thursday 09:00	249°	+25°	0 dB	0°	249°	+25°	0°	+5°	3.4dB	286°K	392296	-295 Hz
2022-05-26	Thursday 09:30	255°	+20°	0 dB	0°	255°	+20°	8°	+5°	3.4dB	287°K	392374	-312 Hz
2022-05-26	Thursday 10:00	260°	+15°	0 dB	0°	260°	+15°	15°	+5°	3.4dB	287°K	392452	-325 Hz
2022-05-26	Thursday 10:30	266°	+10°	0 dB	0°	266°	+10°	22°	+5°	3.4dB	288°K	392530	-334 Hz
2022-05-26	Thursday 11:00	271°	+5°	0 dB	0°	271°	+5°	30°	+5°	3.4dB	288°K	392608	-337 Hz
2022-05-26	Thursday 11:30	276°	+0°	0 dB	0°	276°	+0°	37°	+5°	3.4dB	289°K	392686	-335 Hz
2022-05-26	Thursday 23:30	083°	+4°	0 dB	0°	083°	+4°	212°	+8°	3.6dB	299°K	394492	+265 Hz
2022-05-27	Fri day 00:00	089°	+9°	0 dB	0°	089°	+9°	219°	+8°	3.6dB	299°K	394565	+264 Hz
2022-05-27	Fri day 00:30	094°	+14°	0 dB	0°	094°	+14°	226°	+8°	3.6dB	299°K	394637	+259 Hz
2022-05-27	Fri day 01:00	099°	+19°	0 dB	0°	099°	+19°	234°	+8°	3.6dB	299°K	394709	+249 Hz
2022-05-27	Fri day 01:30	105°	+24°	0 dB	0°	105°	+24°	241°	+8°	3.6dB	300°K	394782	+235 Hz
2022-05-27	Fri day 02:00	111°	+29°	0 dB	0°	111°	+29°	248°	+9°	3.7dB	300°K	394854	+215 Hz
2022-05-27	Fri day 02:30	117°	+34°	0 dB	0°	117°	+34°	255°	+9°	3.7dB	300°K	394925	+192 Hz
2022-05-27	Fri day 03:00	124°	+39°	0 dB	0°	124°	+39°	263°	+9°	3.7dB	301°K	394997	+165 Hz
2022-05-27	Fri day 03:30	132°	+43°	0 dB	0°	132°	+43°	270°	+9°	3.7dB	301°K	395068	+134 Hz
2022-05-27	Fri day 04:00	141°	+46°	0 dB	0°	141°	+46°	277°	+9°	3.7dB	301°K	395139	+100 Hz
2022-05-27	Fri day 04:30	151°	+49°	0 dB	0°	151°	+49°	284°	+9°	3.7dB	301°K	395210	+64 Hz
2022-05-27	Fri day 05:00	162°	+51°	0 dB	0°	162°	+51°	292°	+9°	3.7dB	302°K	395281	+26 Hz
2022-05-27	Fri day 05:30	173°	+53°	0 dB	0°	173°	+53°	299°	+9°	3.7dB	302°K	395352	-12 Hz
2022-05-27	Fri day 06:00	186°	+53°	0 dB	0°	186°	+53°	306°	+9°	3.7dB	302°K	395422	-51 Hz
2022-05-27	Fri day 06:30	197°	+52°	0 dB	0°	197°	+52°	314°	+10°	3.7dB	302°K	395492	-90 Hz
2022-05-27	Fri day 07:00	209°	+50°	0 dB	0°	209°	+50°	321°	+10°	3.7dB	303°K	395562	-128 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-05-27	Fri day	07:30	219°	+47°	0 dB	0°	219°	+47°	328°	+10°	3.7dB	303°K	395632	-164 Hz
2022-05-27	Fri day	08:00	228°	+44°	0 dB	0°	228°	+44°	335°	+10°	3.7dB	303°K	395702	-197 Hz
2022-05-27	Fri day	08:30	236°	+40°	0 dB	0°	236°	+40°	343°	+10°	3.7dB	304°K	395771	-228 Hz
2022-05-27	Fri day	09:00	243°	+36°	0 dB	0°	243°	+36°	350°	+10°	3.7dB	304°K	395840	-255 Hz
2022-05-27	Fri day	09:30	250°	+31°	0 dB	0°	250°	+31°	357°	+10°	3.8dB	305°K	395909	-279 Hz
2022-05-27	Fri day	10:00	256°	+26°	0 dB	0°	256°	+26°	5°	+10°	3.8dB	306°K	395978	-298 Hz
2022-05-27	Fri day	10:30	262°	+21°	0 dB	0°	262°	+21°	12°	+10°	3.8dB	307°K	396046	-313 Hz
2022-05-27	Fri day	11:00	268°	+16°	0 dB	0°	268°	+16°	19°	+11°	3.8dB	309°K	396115	-323 Hz
2022-05-27	Fri day	11:30	273°	+11°	0 dB	0°	273°	+11°	26°	+11°	3.8dB	310°K	396183	-328 Hz
2022-05-27	Fri day	12:00	278°	+6°	0 dB	0°	278°	+6°	34°	+11°	3.9dB	312°K	396251	-329 Hz
2022-05-27	Fri day	12:30	283°	+1°	0 dB	0°	283°	+1°	41°	+11°	3.9dB	313°K	396319	-324 Hz
2022-05-27	Fri day	23:30	072°	+1°	0 dB	0°	072°	+1°	201°	+13°	4.3dB	344°K	397758	+257 Hz
2022-05-28	Saturday	00:00	077°	+6°	0 dB	0°	077°	+6°	208°	+13°	4.3dB	345°K	397821	+264 Hz
2022-05-28	Saturday	00:30	082°	+11°	0 dB	0°	082°	+11°	216°	+13°	4.3dB	346°K	397884	+265 Hz
2022-05-28	Saturday	01:00	088°	+16°	0 dB	0°	088°	+16°	223°	+14°	4.3dB	348°K	397946	+262 Hz
2022-05-28	Saturday	01:30	093°	+21°	0 dB	0°	093°	+21°	230°	+14°	4.3dB	348°K	398009	+254 Hz
2022-05-28	Saturday	02:00	098°	+26°	0 dB	0°	098°	+26°	238°	+14°	4.3dB	349°K	398071	+242 Hz
2022-05-28	Saturday	02:30	104°	+31°	0 dB	0°	104°	+31°	245°	+14°	4.4dB	350°K	398133	+225 Hz
2022-05-28	Saturday	03:00	110°	+36°	0 dB	0°	110°	+36°	252°	+14°	4.4dB	350°K	398195	+203 Hz
2022-05-28	Saturday	03:30	117°	+41°	0 dB	0°	117°	+41°	259°	+14°	4.4dB	351°K	398256	+178 Hz
2022-05-28	Saturday	04:00	124°	+45°	0 dB	0°	124°	+45°	267°	+14°	4.4dB	352°K	398318	+149 Hz
2022-05-28	Saturday	04:30	133°	+49°	0 dB	0°	133°	+49°	274°	+14°	4.4dB	353°K	398379	+117 Hz
2022-05-28	Saturday	05:00	143°	+53°	0 dB	0°	143°	+53°	281°	+14°	4.4dB	353°K	398440	+83 Hz
2022-05-28	Saturday	05:30	154°	+56°	0 dB	0°	154°	+56°	289°	+14°	4.4dB	354°K	398501	+47 Hz
2022-05-28	Saturday	06:00	167°	+57°	0 dB	0°	167°	+57°	296°	+15°	4.4dB	355°K	398561	+9 Hz
2022-05-28	Saturday	06:30	180°	+58°	0 dB	0°	180°	+58°	303°	+15°	4.4dB	355°K	398622	-29 Hz
2022-05-28	Saturday	07:00	194°	+58°	0 dB	0°	194°	+58°	310°	+15°	4.4dB	356°K	398682	-68 Hz
2022-05-28	Saturday	07:30	206°	+56°	0 dB	0°	206°	+56°	318°	+15°	4.5dB	357°K	398742	-105 Hz
2022-05-28	Saturday	08:00	218°	+53°	0 dB	0°	218°	+53°	325°	+15°	4.5dB	358°K	398802	-141 Hz
2022-05-28	Saturday	08:30	228°	+50°	0 dB	0°	228°	+50°	332°	+15°	4.5dB	358°K	398861	-175 Hz
2022-05-28	Saturday	09:00	237°	+46°	0 dB	0°	237°	+46°	339°	+15°	4.5dB	359°K	398921	-207 Hz
2022-05-28	Saturday	09:30	244°	+42°	0 dB	0°	244°	+42°	347°	+15°	4.5dB	360°K	398980	-235 Hz
2022-05-28	Saturday	10:00	251°	+37°	0 dB	0°	251°	+37°	354°	+15°	4.5dB	360°K	399039	-260 Hz
2022-05-28	Saturday	10:30	258°	+32°	0 dB	0°	258°	+32°	1°	+15°	4.5dB	361°K	399098	-280 Hz
2022-05-28	Saturday	11:00	263°	+27°	0 dB	0°	263°	+27°	9°	+16°	4.5dB	362°K	399156	-297 Hz
2022-05-28	Saturday	11:30	269°	+22°	0 dB	0°	269°	+22°	16°	+16°	4.5dB	362°K	399214	-309 Hz
2022-05-28	Saturday	12:00	274°	+17°	0 dB	0°	274°	+17°	23°	+16°	4.5dB	363°K	399273	-316 Hz
2022-05-28	Saturday	12:30	279°	+12°	0 dB	0°	279°	+12°	30°	+16°	4.6dB	364°K	399330	-319 Hz
2022-05-28	Saturday	13:00	284°	+7°	0 dB	0°	284°	+7°	38°	+16°	4.6dB	365°K	399388	-316 Hz
2022-05-28	Saturday	13:30	290°	+3°	0 dB	0°	290°	+3°	45°	+16°	4.6dB	365°K	399446	-310 Hz
2022-05-29	Sunday	00:00	067°	+2°	0 dB	0°	067°	+2°	198°	+18°	4.6dB	358°K	400604	+251 Hz
2022-05-29	Sunday	00:30	072°	+7°	0 dB	0°	072°	+7°	205°	+18°	4.5dB	357°K	400657	+260 Hz
2022-05-29	Sunday	01:00	077°	+12°	0 dB	0°	077°	+12°	212°	+18°	4.5dB	357°K	400710	+264 Hz
2022-05-29	Sunday	01:30	082°	+17°	0 dB	0°	082°	+17°	219°	+18°	4.5dB	356°K	400762	+263 Hz
2022-05-29	Sunday	02:00	087°	+22°	0 dB	0°	087°	+22°	227°	+18°	4.5dB	355°K	400814	+257 Hz
2022-05-29	Sunday	02:30	092°	+27°	0 dB	0°	092°	+27°	234°	+18°	4.5dB	354°K	400866	+247 Hz
2022-05-29	Sunday	03:00	097°	+32°	0 dB	0°	097°	+32°	241°	+18°	4.5dB	354°K	400918	+233 Hz
2022-05-29	Sunday	03:30	103°	+37°	0 dB	0°	103°	+37°	249°	+19°	4.5dB	353°K	400970	+214 Hz
2022-05-29	Sunday	04:00	109°	+42°	0 dB	0°	109°	+42°	256°	+19°	4.5dB	352°K	401021	+191 Hz
2022-05-29	Sunday	04:30	116°	+47°	0 dB	0°	116°	+47°	263°	+19°	4.5dB	352°K	401072	+164 Hz
2022-05-29	Sunday	05:00	124°	+51°	0 dB	0°	124°	+51°	270°	+19°	4.5dB	351°K	401123	+135 Hz
2022-05-29	Sunday	05:30	134°	+55°	0 dB	0°	134°	+55°	278°	+19°	4.5dB	350°K	401174	+102 Hz
2022-05-29	Sunday	06:00	145°	+59°	0 dB	0°	145°	+59°	285°	+19°	4.5dB	349°K	401224	+67 Hz
2022-05-29	Sunday	06:30	158°	+61°	0 dB	0°	158°	+61°	292°	+19°	4.5dB	349°K	401274	+31 Hz
2022-05-29	Sunday	07:00	173°	+63°	0 dB	0°	173°	+63°	299°	+19°	4.5dB	348°K	401324	-6 Hz
2022-05-29	Sunday	07:30	188°	+63°	0 dB	0°	188°	+63°	307°	+19°	4.5dB	348°K	401374	-43 Hz
2022-05-29	Sunday	08:00	202°	+61°	0 dB	0°	202°	+61°	314°	+19°	4.5dB	349°K	401424	-80 Hz
2022-05-29	Sunday	08:30	215°	+59°	0 dB	0°	215°	+59°	321°	+19°	4.5dB	349°K	401473	-116 Hz
2022-05-29	Sunday	09:00	227°	+56°	0 dB	0°	227°	+56°	328°	+19°	4.5dB	350°K	401522	-150 Hz
2022-05-29	Sunday	09:30	237°	+52°	0 dB	0°	237°	+52°	336°	+20°	4.5dB	351°K	401571	-182 Hz
2022-05-29	Sunday	10:00	245°	+47°	0 dB	0°	245°	+47°	343°	+20°	4.5dB	352°K	401620	-212 Hz
2022-05-29	Sunday	10:30	252°	+43°	0 dB	0°	252°	+43°	350°	+20°	4.5dB	352°K	401668	-238 Hz
2022-05-29	Sunday	11:00	258°	+38°	0 dB	0°	258°	+38°	358°	+20°	4.5dB	353°K	401717	-260 Hz
2022-05-29	Sunday	11:30	264°	+33°	0 dB	0°	264°	+33°	5°	+20°	4.6dB	354°K	401765	-278 Hz
2022-05-29	Sunday	12:00	270°	+28°	0 dB	0°	270°	+28°	12°	+20°	4.6dB	354°K	401813	-292 Hz
2022-05-29	Sunday	12:30	275°	+23°	0 dB	0°	275°	+23°	19°	+20°	4.6dB	355°K	401860	-301 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-29	Sunday	13:00	280°	+18°	0 dB	0°	280°	+18°	27°	+20°	4.6dB	356°K	401908 -306 Hz
2022-05-29	Sunday	13:30	285°	+13°	0 dB	0°	285°	+13°	34°	+20°	4.6dB	357°K	401955 -306 Hz
2022-05-29	Sunday	14:00	290°	+8°	0 dB	0°	290°	+8°	41°	+20°	4.6dB	357°K	402002 -302 Hz
2022-05-29	Sunday	14:30	295°	+4°	0 dB	0°	295°	+4°	48°	+20°	4.6dB	358°K	402048 -293 Hz
2022-05-30	Monday	00:30	061°	+2°	0 dB	0°	061°	+2°	194°	+22°	4.8dB	SUN!	402935 +244 Hz
2022-05-30	Monday	01:00	066°	+7°	0 dB	0°	066°	+7°	201°	+22°	4.8dB	SUN!	402977 +254 Hz
2022-05-30	Monday	01:30	071°	+12°	0 dB	0°	071°	+12°	208°	+22°	4.8dB	SUN!	403019 +260 Hz
2022-05-30	Monday	02:00	076°	+16°	0 dB	0°	076°	+16°	215°	+22°	4.9dB	SUN!	403060 +262 Hz
2022-05-30	Monday	02:30	081°	+21°	0 dB	0°	081°	+21°	223°	+22°	4.9dB	SUN!	403102 +259 Hz
2022-05-30	Monday	03:00	086°	+27°	0 dB	0°	086°	+27°	230°	+22°	4.9dB	SUN!	403143 +252 Hz
2022-05-30	Monday	03:30	091°	+32°	0 dB	0°	091°	+32°	237°	+22°	4.9dB	SUN!	403183 +240 Hz
2022-05-30	Monday	04:00	096°	+37°	0 dB	0°	096°	+37°	245°	+22°	4.9dB	SUN!	403224 +224 Hz
2022-05-30	Monday	04:30	102°	+42°	0 dB	0°	102°	+42°	252°	+22°	4.9dB	SUN!	403264 +204 Hz
2022-05-30	Monday	05:00	108°	+47°	0 dB	0°	108°	+47°	259°	+22°	4.9dB	SUN!	403304 +180 Hz
2022-05-30	Monday	05:30	116°	+52°	0 dB	0°	116°	+52°	266°	+23°	4.9dB	SUN!	403344 +152 Hz
2022-05-30	Monday	06:00	124°	+56°	0 dB	0°	124°	+56°	274°	+23°	5.0dB	SUN!	403384 +122 Hz
2022-05-30	Monday	06:30	135°	+60°	0 dB	0°	135°	+60°	281°	+23°	5.0dB	SUN!	403423 +90 Hz
2022-05-30	Monday	07:00	147°	+63°	0 dB	0°	147°	+63°	288°	+23°	5.0dB	SUN!	403462 +55 Hz
2022-05-30	Monday	07:30	162°	+66°	0 dB	0°	162°	+66°	295°	+23°	5.0dB	SUN!	403501 +19 Hz
2022-05-30	Monday	08:00	179°	+66°	0 dB	0°	179°	+66°	303°	+23°	5.0dB	SUN!	403539 -17 Hz
2022-05-30	Monday	08:30	196°	+66°	0 dB	0°	196°	+66°	310°	+23°	5.0dB	SUN!	403578 -53 Hz
2022-05-30	Monday	09:00	211°	+64°	0 dB	0°	211°	+64°	317°	+23°	5.0dB	SUN!	403616 -89 Hz
2022-05-30	Monday	09:30	224°	+61°	0 dB	0°	224°	+61°	324°	+23°	5.0dB	SUN!	403654 -123 Hz
2022-05-30	Monday	10:00	235°	+57°	0 dB	0°	235°	+57°	332°	+23°	5.1dB	SUN!	403692 -156 Hz
2022-05-30	Monday	10:30	244°	+53°	0 dB	0°	244°	+53°	339°	+23°	5.1dB	SUN!	403729 -186 Hz
2022-05-30	Monday	11:00	252°	+48°	0 dB	0°	252°	+48°	346°	+23°	5.1dB	SUN!	403766 -213 Hz
2022-05-30	Monday	11:30	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	5.1dB	SUN!	403803 -237 Hz
2022-05-30	Monday	12:00	264°	+38°	0 dB	0°	264°	+38°	1°	+23°	5.1dB	SUN!	403840 -257 Hz
2022-05-30	Monday	12:30	270°	+33°	0 dB	0°	270°	+33°	8°	+23°	5.1dB	SUN!	403876 -273 Hz
2022-05-30	Monday	13:00	275°	+28°	0 dB	0°	275°	+28°	15°	+23°	5.1dB	SUN!	403912 -285 Hz
2022-05-30	Monday	13:30	280°	+23°	0 dB	0°	280°	+23°	22°	+24°	5.1dB	SUN!	403948 -292 Hz
2022-05-30	Monday	14:00	285°	+18°	0 dB	0°	285°	+18°	30°	+24°	5.1dB	SUN!	403984 -295 Hz
2022-05-30	Monday	14:30	289°	+13°	0 dB	0°	289°	+13°	37°	+24°	5.2dB	SUN!	404019 -293 Hz
2022-05-30	Monday	15:00	294°	+9°	0 dB	0°	294°	+9°	44°	+24°	5.2dB	SUN!	404054 -287 Hz
2022-05-30	Monday	15:30	299°	+4°	0 dB	0°	299°	+4°	51°	+24°	5.2dB	SUN!	404089 -277 Hz
2022-05-30	Monday	16:00	304°	-0°	0 dB	0°	304°	-0°	59°	+24°	5.2dB	SUN!	404124 -263 Hz
2022-05-31	Tuesday	01:00	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	5.4dB	SUN!	404704 +235 Hz
2022-05-31	Tuesday	01:30	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	5.4dB	SUN!	404734 +248 Hz
2022-05-31	Tuesday	02:00	066°	+11°	0 dB	0°	066°	+11°	204°	+25°	5.5dB	SUN!	404763 +257 Hz
2022-05-31	Tuesday	02:30	071°	+15°	0 dB	0°	071°	+15°	211°	+25°	5.5dB	SUN!	404793 +261 Hz
2022-05-31	Tuesday	03:00	076°	+20°	0 dB	0°	076°	+20°	218°	+25°	5.5dB	SUN!	404822 +261 Hz
2022-05-31	Tuesday	03:30	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	5.5dB	SUN!	404850 +257 Hz
2022-05-31	Tuesday	04:00	085°	+30°	0 dB	0°	085°	+30°	233°	+25°	5.5dB	SUN!	404879 +248 Hz
2022-05-31	Tuesday	04:30	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	5.6dB	445°K	404907 +235 Hz
2022-05-31	Tuesday	05:00	095°	+41°	0 dB	0°	095°	+41°	247°	+25°	5.6dB	447°K	404935 +218 Hz
2022-05-31	Tuesday	05:30	101°	+46°	0 dB	0°	101°	+46°	254°	+25°	5.6dB	449°K	404962 +196 Hz
2022-05-31	Tuesday	06:00	108°	+51°	0 dB	0°	108°	+51°	262°	+25°	5.6dB	452°K	404990 +172 Hz
2022-05-31	Tuesday	06:30	116°	+55°	0 dB	0°	116°	+55°	269°	+25°	5.6dB	454°K	405017 +144 Hz
2022-05-31	Tuesday	07:00	125°	+60°	0 dB	0°	125°	+60°	276°	+25°	5.7dB	456°K	405043 +114 Hz
2022-05-31	Tuesday	07:30	136°	+64°	0 dB	0°	136°	+64°	283°	+25°	5.7dB	459°K	405070 +81 Hz
2022-05-31	Tuesday	08:00	150°	+67°	0 dB	0°	150°	+67°	291°	+25°	5.7dB	461°K	405096 +47 Hz
2022-05-31	Tuesday	08:30	167°	+69°	0 dB	0°	167°	+69°	298°	+25°	5.7dB	463°K	405122 +12 Hz
2022-05-31	Tuesday	09:00	186°	+69°	0 dB	0°	186°	+69°	305°	+25°	5.7dB	466°K	405148 -24 Hz
2022-05-31	Tuesday	09:30	204°	+68°	0 dB	0°	204°	+68°	312°	+25°	5.8dB	468°K	405173 -59 Hz
2022-05-31	Tuesday	10:00	219°	+65°	0 dB	0°	219°	+65°	320°	+26°	5.8dB	471°K	405198 -94 Hz
2022-05-31	Tuesday	10:30	231°	+62°	0 dB	0°	231°	+62°	327°	+26°	5.8dB	473°K	405223 -127 Hz
2022-05-31	Tuesday	11:00	241°	+57°	0 dB	0°	241°	+57°	334°	+26°	5.8dB	475°K	405248 -158 Hz
2022-05-31	Tuesday	11:30	250°	+53°	0 dB	0°	250°	+53°	341°	+26°	5.8dB	478°K	405272 -186 Hz
2022-05-31	Tuesday	12:00	257°	+48°	0 dB	0°	257°	+48°	349°	+26°	5.9dB	480°K	405296 -212 Hz
2022-05-31	Tuesday	12:30	263°	+43°	0 dB	0°	263°	+43°	356°	+26°	5.9dB	482°K	405320 -234 Hz
2022-05-31	Tuesday	13:00	269°	+38°	0 dB	0°	269°	+38°	3°	+26°	5.9dB	485°K	405343 -252 Hz
2022-05-31	Tuesday	13:30	274°	+33°	0 dB	0°	274°	+33°	10°	+26°	5.9dB	487°K	405366 -267 Hz
2022-05-31	Tuesday	14:00	279°	+28°	0 dB	0°	279°	+28°	18°	+26°	5.9dB	489°K	405389 -277 Hz
2022-05-31	Tuesday	14:30	283°	+23°	0 dB	0°	283°	+23°	25°	+26°	6.0dB	492°K	405412 -282 Hz
2022-05-31	Tuesday	15:00	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	6.0dB	494°K	405434 -284 Hz
2022-05-31	Tuesday	15:30	293°	+13°	0 dB	0°	293°	+13°	39°	+26°	6.0dB	497°K	405456 -281 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-05-31	Tuesday 16:00	298°	+9°	0 dB	0°	298°	+9°	47°	+26°	6.0dB	499°K	405477	-273 Hz
2022-05-31	Tuesday 16:30	303°	+4°	0 dB	0°	303°	+4°	54°	+26°	6.0dB	500°K	405499	-262 Hz
2022-05-31	Tuesday 17:00	308°	+0°	0 dB	0°	308°	+0°	61°	+26°	6.0dB	500°K	405520	-247 Hz
2022-06-01	Wednesday01:30	052°	+0°	0 dB	0°	052°	+0°	184°	+26°	6.0dB	500°K	405833	+228 Hz
2022-06-01	Wednesday02:00	057°	+5°	0 dB	0°	057°	+5°	192°	+26°	6.0dB	500°K	405849	+243 Hz
2022-06-01	Wednesday02:30	062°	+9°	0 dB	0°	062°	+9°	199°	+27°	6.0dB	500°K	405864	+254 Hz
2022-06-01	Wednesday03:00	066°	+13°	0 dB	0°	066°	+13°	206°	+27°	6.0dB	500°K	405879	+262 Hz
2022-06-01	Wednesday03:30	071°	+18°	0 dB	0°	071°	+18°	213°	+27°	6.0dB	500°K	405894	+265 Hz
2022-06-01	Wednesday04:00	076°	+23°	0 dB	0°	076°	+23°	221°	+27°	6.0dB	500°K	405908	+263 Hz
2022-06-01	Wednesday04:30	080°	+28°	0 dB	0°	080°	+28°	228°	+27°	6.0dB	500°K	405922	+258 Hz
2022-06-01	Wednesday05:00	085°	+33°	0 dB	0°	085°	+33°	235°	+27°	6.1dB	500°K	405936	+248 Hz
2022-06-01	Wednesday05:30	090°	+38°	0 dB	0°	090°	+38°	242°	+27°	6.1dB	500°K	405950	+233 Hz
2022-06-01	Wednesday06:00	096°	+43°	0 dB	0°	096°	+43°	250°	+27°	6.0dB	499°K	405963	+215 Hz
2022-06-01	Wednesday06:30	102°	+48°	0 dB	0°	102°	+48°	257°	+27°	6.0dB	495°K	405976	+193 Hz
2022-06-01	Wednesday07:00	109°	+53°	0 dB	0°	109°	+53°	264°	+27°	6.0dB	492°K	405988	+168 Hz
2022-06-01	Wednesday07:30	117°	+58°	0 dB	0°	117°	+58°	271°	+27°	6.0dB	489°K	406000	+140 Hz
2022-06-01	Wednesday08:00	126°	+62°	0 dB	0°	126°	+62°	279°	+27°	5.9dB	486°K	406012	+109 Hz
2022-06-01	Wednesday08:30	139°	+66°	0 dB	0°	139°	+66°	286°	+27°	5.9dB	483°K	406024	+76 Hz
2022-06-01	Wednesday09:00	154°	+69°	0 dB	0°	154°	+69°	293°	+27°	5.9dB	479°K	406035	+42 Hz
2022-06-01	Wednesday09:30	173°	+70°	0 dB	0°	173°	+70°	300°	+27°	5.9dB	476°K	406046	+8 Hz
2022-06-01	Wednesday10:00	192°	+70°	0 dB	0°	192°	+70°	308°	+27°	5.8dB	473°K	406057	-28 Hz
2022-06-01	Wednesday10:30	210°	+68°	0 dB	0°	210°	+68°	315°	+27°	5.8dB	470°K	406067	-62 Hz
2022-06-01	Wednesday11:00	225°	+65°	0 dB	0°	225°	+65°	322°	+27°	5.8dB	467°K	406077	-96 Hz
2022-06-01	Wednesday11:30	236°	+61°	0 dB	0°	236°	+61°	329°	+27°	5.8dB	463°K	406086	-128 Hz
2022-06-01	Wednesday12:00	246°	+57°	0 dB	0°	246°	+57°	337°	+27°	5.7dB	460°K	406096	-158 Hz
2022-06-01	Wednesday12:30	254°	+52°	0 dB	0°	254°	+52°	344°	+27°	5.7dB	457°K	406104	-185 Hz
2022-06-01	Wednesday13:00	260°	+47°	0 dB	0°	260°	+47°	351°	+27°	5.7dB	454°K	406113	-210 Hz
2022-06-01	Wednesday13:30	266°	+42°	0 dB	0°	266°	+42°	358°	+27°	5.7dB	451°K	406121	-230 Hz
2022-06-01	Wednesday14:00	271°	+37°	0 dB	0°	271°	+37°	6°	+27°	5.6dB	447°K	406129	-247 Hz
2022-06-01	Wednesday14:30	276°	+32°	0 dB	0°	276°	+32°	13°	+27°	5.6dB	444°K	406137	-260 Hz
2022-06-01	Wednesday15:00	281°	+27°	0 dB	0°	281°	+27°	20°	+27°	5.6dB	441°K	406144	-269 Hz
2022-06-01	Wednesday15:30	286°	+22°	0 dB	0°	286°	+22°	27°	+27°	5.5dB	438°K	406151	-273 Hz
2022-06-01	Wednesday16:00	290°	+17°	0 dB	0°	290°	+17°	35°	+27°	5.5dB	435°K	406158	-274 Hz
2022-06-01	Wednesday16:30	295°	+12°	0 dB	0°	295°	+12°	42°	+27°	5.5dB	431°K	406164	-269 Hz
2022-06-01	Wednesday17:00	300°	+8°	0 dB	0°	300°	+8°	49°	+27°	5.5dB	428°K	406170	-261 Hz
2022-06-01	Wednesday17:30	305°	+4°	0 dB	0°	305°	+4°	56°	+27°	5.4dB	425°K	406175	-248 Hz
2022-06-01	Wednesday18:00	310°	-0°	0 dB	0°	310°	-0°	63°	+27°	5.4dB	422°K	406181	-232 Hz
2022-06-02	Thursday 02:30	053°	+2°	0 dB	0°	053°	+2°	187°	+27°	5.1dB	390°K	406216	+240 Hz
2022-06-02	Thursday 03:00	058°	+6°	0 dB	0°	058°	+6°	194°	+27°	5.1dB	388°K	406215	+254 Hz
2022-06-02	Thursday 03:30	063°	+11°	0 dB	0°	063°	+11°	201°	+27°	5.1dB	387°K	406213	+264 Hz
2022-06-02	Thursday 04:00	068°	+15°	0 dB	0°	068°	+15°	208°	+27°	5.1dB	385°K	406212	+270 Hz
2022-06-02	Thursday 04:30	072°	+20°	0 dB	0°	072°	+20°	216°	+27°	5.1dB	384°K	406209	+272 Hz
2022-06-02	Thursday 05:00	077°	+25°	0 dB	0°	077°	+25°	223°	+27°	5.0dB	382°K	406207	+269 Hz
2022-06-02	Thursday 05:30	082°	+30°	0 dB	0°	082°	+30°	230°	+27°	5.0dB	380°K	406204	+262 Hz
2022-06-02	Thursday 06:00	087°	+35°	0 dB	0°	087°	+35°	237°	+27°	5.0dB	379°K	406201	+251 Hz
2022-06-02	Thursday 06:30	092°	+40°	0 dB	0°	092°	+40°	245°	+27°	5.0dB	377°K	406197	+236 Hz
2022-06-02	Thursday 07:00	097°	+45°	0 dB	0°	097°	+45°	252°	+27°	5.0dB	376°K	406193	+217 Hz
2022-06-02	Thursday 07:30	103°	+50°	0 dB	0°	103°	+50°	259°	+27°	5.0dB	374°K	406188	+194 Hz
2022-06-02	Thursday 08:00	111°	+55°	0 dB	0°	111°	+55°	266°	+27°	4.9dB	372°K	406184	+168 Hz
2022-06-02	Thursday 08:30	119°	+59°	0 dB	0°	119°	+59°	274°	+27°	4.9dB	371°K	406179	+139 Hz
2022-06-02	Thursday 09:00	130°	+64°	0 dB	0°	130°	+64°	281°	+27°	4.9dB	369°K	406173	+108 Hz
2022-06-02	Thursday 09:30	143°	+67°	0 dB	0°	143°	+67°	288°	+27°	4.9dB	367°K	406167	+75 Hz
2022-06-02	Thursday 10:00	160°	+70°	0 dB	0°	160°	+70°	295°	+27°	4.9dB	364°K	406161	+41 Hz
2022-06-02	Thursday 10:30	179°	+70°	0 dB	0°	179°	+70°	303°	+27°	4.8dB	362°K	406154	+6 Hz
2022-06-02	Thursday 11:00	198°	+70°	0 dB	0°	198°	+70°	310°	+27°	4.8dB	360°K	406147	-29 Hz
2022-06-02	Thursday 11:30	215°	+67°	0 dB	0°	215°	+67°	317°	+27°	4.8dB	357°K	406140	-64 Hz
2022-06-02	Thursday 12:00	229°	+64°	0 dB	0°	229°	+64°	324°	+27°	4.8dB	355°K	406132	-97 Hz
2022-06-02	Thursday 12:30	239°	+60°	0 dB	0°	239°	+60°	332°	+27°	4.7dB	352°K	406124	-129 Hz
2022-06-02	Thursday 13:00	248°	+55°	0 dB	0°	248°	+55°	339°	+27°	4.7dB	350°K	406115	-158 Hz
2022-06-02	Thursday 13:30	256°	+50°	0 dB	0°	256°	+50°	346°	+27°	4.7dB	348°K	406106	-185 Hz
2022-06-02	Thursday 14:00	262°	+45°	0 dB	0°	262°	+45°	353°	+27°	4.6dB	345°K	406097	-208 Hz
2022-06-02	Thursday 14:30	267°	+40°	0 dB	0°	267°	+40°	1°	+27°	4.6dB	343°K	406087	-228 Hz
2022-06-02	Thursday 15:00	273°	+35°	0 dB	0°	273°	+35°	8°	+27°	4.6dB	341°K	406077	-244 Hz
2022-06-02	Thursday 15:30	278°	+30°	0 dB	0°	278°	+30°	15°	+27°	4.6dB	338°K	406067	-255 Hz
2022-06-02	Thursday 16:00	282°	+25°	0 dB	0°	282°	+25°	22°	+27°	4.6dB	336°K	406056	-263 Hz
2022-06-02	Thursday 16:30	287°	+20°	0 dB	0°	287°	+20°	30°	+27°	4.5dB	333°K	406045	-266 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-06-02	Thursday	17:00	292°	+15°	0 dB	0°	292°	+15°	37°	+27°	4.5dB	331°K	406033	-265 Hz
2022-06-02	Thursday	17:30	296°	+11°	0 dB	0°	296°	+11°	44°	+27°	4.5dB	329°K	406021	-259 Hz
2022-06-02	Thursday	18:00	301°	+6°	0 dB	0°	301°	+6°	51°	+27°	4.4dB	326°K	406008	-250 Hz
2022-06-02	Thursday	18:30	306°	+2°	0 dB	0°	306°	+2°	58°	+27°	4.4dB	324°K	405996	-236 Hz
2022-06-03	Fri day	03:30	055°	+3°	0 dB	0°	055°	+3°	189°	+26°	3.8dB	276°K	405697	+255 Hz
2022-06-03	Fri day	04:00	060°	+7°	0 dB	0°	060°	+7°	196°	+26°	3.8dB	274°K	405677	+269 Hz
2022-06-03	Fri day	04:30	065°	+11°	0 dB	0°	065°	+11°	203°	+26°	3.8dB	271°K	405656	+278 Hz
2022-06-03	Fri day	05:00	070°	+16°	0 dB	0°	070°	+16°	211°	+26°	3.7dB	268°K	405634	+283 Hz
2022-06-03	Fri day	05:30	075°	+21°	0 dB	0°	075°	+21°	218°	+26°	3.7dB	265°K	405613	+283 Hz
2022-06-03	Fri day	06:00	079°	+26°	0 dB	0°	079°	+26°	225°	+26°	3.6dB	262°K	405591	+279 Hz
2022-06-03	Fri day	06:30	084°	+31°	0 dB	0°	084°	+31°	232°	+26°	3.6dB	259°K	405568	+271 Hz
2022-06-03	Fri day	07:00	089°	+36°	0 dB	0°	089°	+36°	240°	+26°	3.6dB	257°K	405545	+259 Hz
2022-06-03	Fri day	07:30	095°	+41°	0 dB	0°	095°	+41°	247°	+26°	3.5dB	254°K	405522	+242 Hz
2022-06-03	Fri day	08:00	100°	+46°	0 dB	0°	100°	+46°	254°	+26°	3.5dB	251°K	405498	+222 Hz
2022-06-03	Fri day	08:30	107°	+51°	0 dB	0°	107°	+51°	261°	+26°	3.4dB	248°K	405474	+198 Hz
2022-06-03	Fri day	09:00	115°	+55°	0 dB	0°	115°	+55°	269°	+26°	3.4dB	245°K	405449	+170 Hz
2022-06-03	Fri day	09:30	124°	+60°	0 dB	0°	124°	+60°	276°	+26°	3.3dB	242°K	405424	+140 Hz
2022-06-03	Fri day	10:00	135°	+64°	0 dB	0°	135°	+64°	283°	+26°	3.3dB	240°K	405399	+108 Hz
2022-06-03	Fri day	10:30	150°	+67°	0 dB	0°	150°	+67°	290°	+26°	3.3dB	237°K	405373	+74 Hz
2022-06-03	Fri day	11:00	166°	+69°	0 dB	0°	166°	+69°	298°	+26°	3.2dB	234°K	405347	+39 Hz
2022-06-03	Fri day	11:30	185°	+69°	0 dB	0°	185°	+69°	305°	+25°	3.2dB	231°K	405320	+4 Hz
2022-06-03	Fri day	12:00	203°	+68°	0 dB	0°	203°	+68°	312°	+25°	3.1dB	228°K	405293	-31 Hz
2022-06-03	Fri day	12:30	218°	+65°	0 dB	0°	218°	+65°	319°	+25°	3.1dB	226°K	405266	-66 Hz
2022-06-03	Fri day	13:00	231°	+62°	0 dB	0°	231°	+62°	327°	+25°	3.1dB	225°K	405238	-99 Hz
2022-06-03	Fri day	13:30	241°	+57°	0 dB	0°	241°	+57°	334°	+25°	3.1dB	224°K	405209	-130 Hz
2022-06-03	Fri day	14:00	249°	+53°	0 dB	0°	249°	+53°	341°	+25°	3.1dB	223°K	405180	-159 Hz
2022-06-03	Fri day	14:30	256°	+48°	0 dB	0°	256°	+48°	348°	+25°	3.0dB	222°K	405151	-185 Hz
2022-06-03	Fri day	15:00	262°	+43°	0 dB	0°	262°	+43°	356°	+25°	3.0dB	221°K	405122	-208 Hz
2022-06-03	Fri day	15:30	268°	+38°	0 dB	0°	268°	+38°	3°	+25°	3.0dB	220°K	405092	-227 Hz
2022-06-03	Fri day	16:00	273°	+33°	0 dB	0°	273°	+33°	10°	+25°	3.0dB	219°K	405061	-241 Hz
2022-06-03	Fri day	16:30	278°	+27°	0 dB	0°	278°	+27°	17°	+25°	3.0dB	218°K	405030	-252 Hz
2022-06-03	Fri day	17:00	283°	+22°	0 dB	0°	283°	+22°	25°	+25°	3.0dB	217°K	404999	-258 Hz
2022-06-03	Fri day	17:30	287°	+18°	0 dB	0°	287°	+18°	32°	+25°	2.9dB	216°K	404967	-260 Hz
2022-06-03	Fri day	18:00	292°	+13°	0 dB	0°	292°	+13°	39°	+25°	2.9dB	215°K	404935	-257 Hz
2022-06-03	Fri day	18:30	297°	+8°	0 dB	0°	297°	+8°	46°	+25°	2.9dB	214°K	404902	-250 Hz
2022-06-03	Fri day	19:00	302°	+4°	0 dB	0°	302°	+4°	54°	+25°	2.9dB	214°K	404869	-239 Hz
2022-06-04	Saturday	04:30	058°	+2°	0 dB	0°	058°	+2°	192°	+24°	2.6dB	196°K	404157	+275 Hz
2022-06-04	Saturday	05:00	064°	+7°	0 dB	0°	064°	+7°	199°	+24°	2.6dB	195°K	404115	+287 Hz
2022-06-04	Saturday	05:30	068°	+11°	0 dB	0°	068°	+11°	206°	+24°	2.5dB	194°K	404073	+295 Hz
2022-06-04	Saturday	06:00	073°	+16°	0 dB	0°	073°	+16°	213°	+24°	2.5dB	193°K	404030	+299 Hz
2022-06-04	Saturday	06:30	078°	+21°	0 dB	0°	078°	+21°	221°	+24°	2.5dB	192°K	403987	+298 Hz
2022-06-04	Saturday	07:00	083°	+26°	0 dB	0°	083°	+26°	228°	+24°	2.5dB	191°K	403943	+292 Hz
2022-06-04	Saturday	07:30	088°	+31°	0 dB	0°	088°	+31°	235°	+24°	2.5dB	190°K	403899	+282 Hz
2022-06-04	Saturday	08:00	093°	+36°	0 dB	0°	093°	+36°	242°	+23°	2.5dB	190°K	403854	+268 Hz
2022-06-04	Saturday	08:30	099°	+41°	0 dB	0°	099°	+41°	250°	+23°	2.4dB	189°K	403809	+250 Hz
2022-06-04	Saturday	09:00	105°	+46°	0 dB	0°	105°	+46°	257°	+23°	2.4dB	188°K	403764	+228 Hz
2022-06-04	Saturday	09:30	113°	+51°	0 dB	0°	113°	+51°	264°	+23°	2.4dB	187°K	403718	+202 Hz
2022-06-04	Saturday	10:00	121°	+55°	0 dB	0°	121°	+55°	271°	+23°	2.4dB	186°K	403672	+173 Hz
2022-06-04	Saturday	10:30	131°	+59°	0 dB	0°	131°	+59°	279°	+23°	2.4dB	185°K	403625	+142 Hz
2022-06-04	Saturday	11:00	143°	+63°	0 dB	0°	143°	+63°	286°	+23°	2.3dB	184°K	403578	+108 Hz
2022-06-04	Saturday	11:30	158°	+65°	0 dB	0°	158°	+65°	293°	+23°	2.3dB	183°K	403530	+73 Hz
2022-06-04	Saturday	12:00	174°	+67°	0 dB	0°	174°	+67°	300°	+23°	2.3dB	182°K	403482	+37 Hz
2022-06-04	Saturday	12:30	191°	+66°	0 dB	0°	191°	+66°	308°	+23°	2.3dB	181°K	403433	+1 Hz
2022-06-04	Saturday	13:00	207°	+65°	0 dB	0°	207°	+65°	315°	+23°	2.3dB	180°K	403384	-35 Hz
2022-06-04	Saturday	13:30	220°	+62°	0 dB	0°	220°	+62°	322°	+23°	2.2dB	179°K	403335	-70 Hz
2022-06-04	Saturday	14:00	232°	+58°	0 dB	0°	232°	+58°	329°	+23°	2.2dB	179°K	403285	-103 Hz
2022-06-04	Saturday	14:30	241°	+54°	0 dB	0°	241°	+54°	337°	+23°	2.2dB	178°K	403234	-134 Hz
2022-06-04	Saturday	15:00	249°	+49°	0 dB	0°	249°	+49°	344°	+23°	2.2dB	177°K	403183	-163 Hz
2022-06-04	Saturday	15:30	256°	+44°	0 dB	0°	256°	+44°	351°	+23°	2.2dB	176°K	403132	-188 Hz
2022-06-04	Saturday	16:00	262°	+39°	0 dB	0°	262°	+39°	358°	+23°	2.2dB	175°K	403080	-209 Hz
2022-06-04	Saturday	16:30	267°	+34°	0 dB	0°	267°	+34°	6°	+22°	2.1dB	174°K	403028	-227 Hz
2022-06-04	Saturday	17:00	272°	+29°	0 dB	0°	272°	+29°	13°	+22°	2.1dB	174°K	402975	-241 Hz
2022-06-04	Saturday	17:30	277°	+24°	0 dB	0°	277°	+24°	20°	+22°	2.1dB	174°K	402922	-250 Hz
2022-06-04	Saturday	18:00	282°	+19°	0 dB	0°	282°	+19°	28°	+22°	2.1dB	174°K	402869	-254 Hz
2022-06-04	Saturday	18:30	287°	+14°	0 dB	0°	287°	+14°	35°	+22°	2.1dB	175°K	402815	-254 Hz
2022-06-04	Saturday	19:00	292°	+9°	0 dB	0°	292°	+9°	42°	+22°	2.1dB	175°K	402760	-250 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-04	Saturday	19: 30	297°	+4°	0 dB	0°	297°	+4°	49°	+22°	2. 1dB	175°K	402705 -241 Hz
2022-06-04	Saturday	20: 00	302°	-0°	0 dB	0°	302°	-0°	57°	+22°	2. 1dB	175°K	402650 -228 Hz
2022-06-05	Sunday	05: 30	063°	+2°	0 dB	0°	063°	+2°	195°	+21°	2. 2dB	181°K	401511 +298 Hz
2022-06-05	Sunday	06: 00	068°	+6°	0 dB	0°	068°	+6°	202°	+21°	2. 2dB	181°K	401446 +308 Hz
2022-06-05	Sunday	06: 30	073°	+11°	0 dB	0°	073°	+11°	209°	+20°	2. 2dB	182°K	401381 +315 Hz
2022-06-05	Sunday	07: 00	078°	+16°	0 dB	0°	078°	+16°	216°	+20°	2. 2dB	182°K	401316 +316 Hz
2022-06-05	Sunday	07: 30	083°	+21°	0 dB	0°	083°	+21°	224°	+20°	2. 2dB	182°K	401250 +314 Hz
2022-06-05	Sunday	08: 00	088°	+26°	0 dB	0°	088°	+26°	231°	+20°	2. 2dB	182°K	401184 +306 Hz
2022-06-05	Sunday	08: 30	093°	+31°	0 dB	0°	093°	+31°	238°	+20°	2. 2dB	183°K	401117 +294 Hz
2022-06-05	Sunday	09: 00	099°	+36°	0 dB	0°	099°	+36°	245°	+20°	2. 2dB	183°K	401050 +278 Hz
2022-06-05	Sunday	09: 30	105°	+41°	0 dB	0°	105°	+41°	253°	+20°	2. 2dB	183°K	400982 +257 Hz
2022-06-05	Sunday	10: 00	112°	+46°	0 dB	0°	112°	+46°	260°	+20°	2. 2dB	183°K	400914 +233 Hz
2022-06-05	Sunday	10: 30	120°	+50°	0 dB	0°	120°	+50°	267°	+20°	2. 2dB	183°K	400845 +205 Hz
2022-06-05	Sunday	11: 00	129°	+54°	0 dB	0°	129°	+54°	275°	+20°	2. 2dB	183°K	400776 +175 Hz
2022-06-05	Sunday	11: 30	139°	+58°	0 dB	0°	139°	+58°	282°	+20°	2. 2dB	183°K	400707 +141 Hz
2022-06-05	Sunday	12: 00	152°	+61°	0 dB	0°	152°	+61°	289°	+20°	2. 2dB	184°K	400637 +106 Hz
2022-06-05	Sunday	12: 30	166°	+63°	0 dB	0°	166°	+63°	296°	+19°	2. 2dB	184°K	400566 +70 Hz
2022-06-05	Sunday	13: 00	181°	+63°	0 dB	0°	181°	+63°	304°	+19°	2. 2dB	184°K	400495 +32 Hz
2022-06-05	Sunday	13: 30	196°	+62°	0 dB	0°	196°	+62°	311°	+19°	2. 2dB	184°K	400424 -5 Hz
2022-06-05	Sunday	14: 00	210°	+60°	0 dB	0°	210°	+60°	318°	+19°	2. 2dB	184°K	400352 -41 Hz
2022-06-05	Sunday	14: 30	222°	+57°	0 dB	0°	222°	+57°	325°	+19°	2. 2dB	184°K	400280 -76 Hz
2022-06-05	Sunday	15: 00	232°	+53°	0 dB	0°	232°	+53°	333°	+19°	2. 2dB	184°K	400207 -110 Hz
2022-06-05	Sunday	15: 30	241°	+49°	0 dB	0°	241°	+49°	340°	+19°	2. 2dB	185°K	400134 -140 Hz
2022-06-05	Sunday	16: 00	248°	+44°	0 dB	0°	248°	+44°	347°	+19°	2. 2dB	185°K	400061 -168 Hz
2022-06-05	Sunday	16: 30	255°	+39°	0 dB	0°	255°	+39°	354°	+19°	2. 2dB	185°K	399987 -192 Hz
2022-06-05	Sunday	17: 00	261°	+34°	0 dB	0°	261°	+34°	2°	+19°	2. 2dB	185°K	399912 -213 Hz
2022-06-05	Sunday	17: 30	266°	+29°	0 dB	0°	266°	+29°	9°	+19°	2. 2dB	185°K	399837 -229 Hz
2022-06-05	Sunday	18: 00	272°	+24°	0 dB	0°	272°	+24°	16°	+19°	2. 2dB	185°K	399762 -241 Hz
2022-06-05	Sunday	18: 30	277°	+19°	0 dB	0°	277°	+19°	24°	+18°	2. 2dB	185°K	399686 -248 Hz
2022-06-05	Sunday	19: 00	282°	+14°	0 dB	0°	282°	+14°	31°	+18°	2. 2dB	186°K	399610 -251 Hz
2022-06-05	Sunday	19: 30	286°	+9°	0 dB	0°	286°	+9°	38°	+18°	2. 2dB	186°K	399533 -249 Hz
2022-06-05	Sunday	20: 00	291°	+4°	0 dB	0°	291°	+4°	45°	+18°	2. 2dB	186°K	399456 -242 Hz
2022-06-06	Monday	06: 30	068°	+1°	0 dB	0°	068°	+1°	198°	+16°	2. 2dB	191°K	397733 +321 Hz
2022-06-06	Monday	07: 00	073°	+6°	0 dB	0°	073°	+6°	205°	+16°	2. 2dB	192°K	397646 +330 Hz
2022-06-06	Monday	07: 30	078°	+10°	0 dB	0°	078°	+10°	213°	+16°	2. 2dB	192°K	397559 +334 Hz
2022-06-06	Monday	08: 00	084°	+15°	0 dB	0°	084°	+15°	220°	+16°	2. 2dB	192°K	397472 +333 Hz
2022-06-06	Monday	08: 30	089°	+20°	0 dB	0°	089°	+20°	227°	+16°	2. 2dB	192°K	397383 +328 Hz
2022-06-06	Monday	09: 00	094°	+25°	0 dB	0°	094°	+25°	234°	+16°	2. 2dB	193°K	397295 +318 Hz
2022-06-06	Monday	09: 30	100°	+30°	0 dB	0°	100°	+30°	242°	+16°	2. 2dB	193°K	397206 +304 Hz
2022-06-06	Monday	10: 00	106°	+35°	0 dB	0°	106°	+35°	249°	+16°	2. 2dB	193°K	397116 +285 Hz
2022-06-06	Monday	10: 30	112°	+40°	0 dB	0°	112°	+40°	256°	+16°	2. 2dB	194°K	397027 +262 Hz
2022-06-06	Monday	11: 00	120°	+44°	0 dB	0°	120°	+44°	264°	+15°	2. 2dB	194°K	396936 +235 Hz
2022-06-06	Monday	11: 30	128°	+49°	0 dB	0°	128°	+49°	271°	+15°	2. 2dB	194°K	396846 +205 Hz
2022-06-06	Monday	12: 00	138°	+52°	0 dB	0°	138°	+52°	278°	+15°	2. 2dB	194°K	396755 +172 Hz
2022-06-06	Monday	12: 30	149°	+55°	0 dB	0°	149°	+55°	285°	+15°	2. 2dB	195°K	396663 +137 Hz
2022-06-06	Monday	13: 00	161°	+57°	0 dB	0°	161°	+57°	293°	+15°	2. 2dB	195°K	396571 +100 Hz
2022-06-06	Monday	13: 30	174°	+58°	0 dB	0°	174°	+58°	300°	+15°	2. 2dB	195°K	396479 +62 Hz
2022-06-06	Monday	14: 00	188°	+58°	0 dB	0°	188°	+58°	307°	+15°	2. 2dB	196°K	396386 +24 Hz
2022-06-06	Monday	14: 30	201°	+57°	0 dB	0°	201°	+57°	315°	+15°	2. 2dB	196°K	396293 -14 Hz
2022-06-06	Monday	15: 00	213°	+54°	0 dB	0°	213°	+54°	322°	+15°	2. 2dB	196°K	396199 -51 Hz
2022-06-06	Monday	15: 30	223°	+51°	0 dB	0°	223°	+51°	329°	+15°	2. 2dB	196°K	396105 -86 Hz
2022-06-06	Monday	16: 00	232°	+47°	0 dB	0°	232°	+47°	336°	+14°	2. 2dB	197°K	396011 -119 Hz
2022-06-06	Monday	16: 30	240°	+43°	0 dB	0°	240°	+43°	344°	+14°	2. 2dB	197°K	395916 -149 Hz
2022-06-06	Monday	17: 00	248°	+38°	0 dB	0°	248°	+38°	351°	+14°	2. 2dB	197°K	395821 -175 Hz
2022-06-06	Monday	17: 30	254°	+33°	0 dB	0°	254°	+33°	358°	+14°	2. 2dB	198°K	395725 -198 Hz
2022-06-06	Monday	18: 00	260°	+28°	0 dB	0°	260°	+28°	5°	+14°	2. 2dB	198°K	395629 -217 Hz
2022-06-06	Monday	18: 30	265°	+23°	0 dB	0°	265°	+23°	13°	+14°	2. 2dB	198°K	395533 -231 Hz
2022-06-06	Monday	19: 00	271°	+18°	0 dB	0°	271°	+18°	20°	+14°	2. 2dB	198°K	395436 -241 Hz
2022-06-06	Monday	19: 30	276°	+13°	0 dB	0°	276°	+13°	27°	+14°	2. 2dB	199°K	395338 -246 Hz
2022-06-06	Monday	20: 00	281°	+8°	0 dB	0°	281°	+8°	35°	+14°	2. 2dB	199°K	395241 -246 Hz
2022-06-06	Monday	20: 30	286°	+3°	0 dB	0°	286°	+3°	42°	+14°	2. 2dB	199°K	395143 -241 Hz
2022-06-07	Tuesday	07: 30	074°	-0°	0 dB	0°	074°	-0°	202°	+11°	2. 2dB	205°K	392887 +341 Hz
2022-06-07	Tuesday	08: 00	080°	+4°	0 dB	0°	080°	+4°	209°	+11°	2. 2dB	206°K	392780 +348 Hz
2022-06-07	Tuesday	08: 30	085°	+9°	0 dB	0°	085°	+9°	216°	+11°	2. 2dB	206°K	392673 +350 Hz
2022-06-07	Tuesday	09: 00	090°	+14°	0 dB	0°	090°	+14°	224°	+11°	2. 2dB	206°K	392565 +346 Hz
2022-06-07	Tuesday	09: 30	095°	+19°	0 dB	0°	095°	+19°	231°	+11°	2. 2dB	207°K	392457 +339 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-07	Tuesday	10:00	101°	+24°	0 dB	0°	101°	+24°	238°	+11°	2.2dB	207°K	392349 +326 Hz
2022-06-07	Tuesday	10:30	107°	+29°	0 dB	0°	107°	+29°	246°	+11°	2.2dB	207°K	392240 +309 Hz
2022-06-07	Tuesday	11:00	113°	+34°	0 dB	0°	113°	+34°	253°	+10°	2.2dB	207°K	392131 +287 Hz
2022-06-07	Tuesday	11:30	121°	+38°	0 dB	0°	121°	+38°	260°	+10°	2.2dB	208°K	392022 +261 Hz
2022-06-07	Tuesday	12:00	128°	+42°	0 dB	0°	128°	+42°	267°	+10°	2.2dB	208°K	391912 +232 Hz
2022-06-07	Tuesday	12:30	137°	+46°	0 dB	0°	137°	+46°	275°	+10°	2.2dB	208°K	391802 +200 Hz
2022-06-07	Tuesday	13:00	147°	+49°	0 dB	0°	147°	+49°	282°	+10°	2.2dB	208°K	391692 +165 Hz
2022-06-07	Tuesday	13:30	158°	+51°	0 dB	0°	158°	+51°	289°	+10°	2.2dB	209°K	391581 +128 Hz
2022-06-07	Tuesday	14:00	169°	+53°	0 dB	0°	169°	+53°	297°	+10°	2.2dB	209°K	391470 +90 Hz
2022-06-07	Tuesday	14:30	181°	+53°	0 dB	0°	181°	+53°	304°	+10°	2.2dB	209°K	391359 +51 Hz
2022-06-07	Tuesday	15:00	193°	+52°	0 dB	0°	193°	+52°	311°	+10°	2.2dB	210°K	391247 +12 Hz
2022-06-07	Tuesday	15:30	205°	+51°	0 dB	0°	205°	+51°	318°	+9°	2.2dB	210°K	391135 -26 Hz
2022-06-07	Tuesday	16:00	215°	+48°	0 dB	0°	215°	+48°	326°	+9°	2.2dB	210°K	391022 -63 Hz
2022-06-07	Tuesday	16:30	224°	+45°	0 dB	0°	224°	+45°	333°	+9°	2.2dB	210°K	390910 -97 Hz
2022-06-07	Tuesday	17:00	233°	+41°	0 dB	0°	233°	+41°	340°	+9°	2.2dB	211°K	390797 -129 Hz
2022-06-07	Tuesday	17:30	240°	+36°	0 dB	0°	240°	+36°	348°	+9°	2.2dB	211°K	390683 -158 Hz
2022-06-07	Tuesday	18:00	247°	+32°	0 dB	0°	247°	+32°	355°	+9°	2.2dB	211°K	390570 -183 Hz
2022-06-07	Tuesday	18:30	253°	+27°	0 dB	0°	253°	+27°	2°	+9°	2.2dB	212°K	390456 -204 Hz
2022-06-07	Tuesday	19:00	259°	+22°	0 dB	0°	259°	+22°	9°	+9°	2.2dB	212°K	390341 -221 Hz
2022-06-07	Tuesday	19:30	264°	+17°	0 dB	0°	264°	+17°	17°	+9°	2.2dB	212°K	390227 -233 Hz
2022-06-07	Tuesday	20:00	269°	+11°	0 dB	0°	269°	+11°	24°	+8°	2.2dB	212°K	390112 -240 Hz
2022-06-07	Tuesday	20:30	274°	+6°	0 dB	0°	274°	+6°	31°	+8°	2.2dB	213°K	389996 -242 Hz
2022-06-07	Tuesday	21:00	280°	+1°	0 dB	0°	280°	+1°	38°	+8°	2.2dB	214°K	389881 -240 Hz
2022-06-08	Wednesday	09:00	086°	+3°	0 dB	0°	086°	+3°	213°	+5°	2.7dB	251°K	387022 +360 Hz
2022-06-08	Wednesday	09:30	092°	+8°	0 dB	0°	092°	+8°	220°	+5°	2.7dB	253°K	386900 +359 Hz
2022-06-08	Wednesday	10:00	097°	+13°	0 dB	0°	097°	+13°	228°	+5°	2.7dB	254°K	386777 +353 Hz
2022-06-08	Wednesday	10:30	103°	+18°	0 dB	0°	103°	+18°	235°	+5°	2.7dB	256°K	386654 +342 Hz
2022-06-08	Wednesday	11:00	109°	+23°	0 dB	0°	109°	+23°	242°	+5°	2.7dB	257°K	386531 +327 Hz
2022-06-08	Wednesday	11:30	115°	+27°	0 dB	0°	115°	+27°	250°	+5°	2.7dB	259°K	386408 +307 Hz
2022-06-08	Wednesday	12:00	122°	+32°	0 dB	0°	122°	+32°	257°	+5°	2.8dB	261°K	386285 +283 Hz
2022-06-08	Wednesday	12:30	129°	+36°	0 dB	0°	129°	+36°	264°	+5°	2.8dB	262°K	386161 +255 Hz
2022-06-08	Wednesday	13:00	137°	+39°	0 dB	0°	137°	+39°	271°	+4°	2.8dB	264°K	386037 +223 Hz
2022-06-08	Wednesday	13:30	146°	+43°	0 dB	0°	146°	+43°	279°	+4°	2.8dB	266°K	385913 +189 Hz
2022-06-08	Wednesday	14:00	155°	+45°	0 dB	0°	155°	+45°	286°	+4°	2.8dB	267°K	385788 +152 Hz
2022-06-08	Wednesday	14:30	166°	+47°	0 dB	0°	166°	+47°	293°	+4°	2.9dB	269°K	385664 +114 Hz
2022-06-08	Wednesday	15:00	176°	+47°	0 dB	0°	176°	+47°	301°	+4°	2.9dB	271°K	385539 +75 Hz
2022-06-08	Wednesday	15:30	187°	+47°	0 dB	0°	187°	+47°	308°	+4°	2.9dB	272°K	385414 +36 Hz
2022-06-08	Wednesday	16:00	198°	+46°	0 dB	0°	198°	+46°	315°	+4°	2.9dB	274°K	385289 -3 Hz
2022-06-08	Wednesday	16:30	208°	+44°	0 dB	0°	208°	+44°	322°	+4°	2.9dB	276°K	385163 -41 Hz
2022-06-08	Wednesday	17:00	217°	+41°	0 dB	0°	217°	+41°	330°	+3°	2.9dB	277°K	385038 -77 Hz
2022-06-08	Wednesday	17:30	225°	+37°	0 dB	0°	225°	+37°	337°	+3°	2.9dB	279°K	384912 -110 Hz
2022-06-08	Wednesday	18:00	233°	+33°	0 dB	0°	233°	+33°	344°	+3°	3.0dB	281°K	384786 -141 Hz
2022-06-08	Wednesday	18:30	240°	+29°	0 dB	0°	240°	+29°	351°	+3°	3.0dB	283°K	384660 -168 Hz
2022-06-08	Wednesday	19:00	246°	+24°	0 dB	0°	246°	+24°	359°	+3°	3.0dB	284°K	384534 -191 Hz
2022-06-08	Wednesday	19:30	252°	+20°	0 dB	0°	252°	+20°	6°	+3°	3.0dB	286°K	384407 -210 Hz
2022-06-08	Wednesday	20:00	257°	+15°	0 dB	0°	257°	+15°	13°	+3°	3.0dB	288°K	384281 -224 Hz
2022-06-08	Wednesday	20:30	263°	+10°	0 dB	0°	263°	+10°	21°	+3°	3.0dB	289°K	384154 -233 Hz
2022-06-08	Wednesday	21:00	268°	+4°	0 dB	0°	268°	+4°	28°	+2°	3.1dB	291°K	384027 -238 Hz
2022-06-09	Thursday	10:00	093°	+1°	0 dB	0°	093°	+1°	217°	-1°	3.2dB	313°K	380679 +364 Hz
2022-06-09	Thursday	10:30	099°	+6°	0 dB	0°	099°	+6°	224°	-1°	3.2dB	313°K	380549 +360 Hz
2022-06-09	Thursday	11:00	104°	+11°	0 dB	0°	104°	+11°	232°	-1°	3.2dB	313°K	380419 +351 Hz
2022-06-09	Thursday	11:30	110°	+16°	0 dB	0°	110°	+16°	239°	-1°	3.2dB	313°K	380289 +338 Hz
2022-06-09	Thursday	12:00	116°	+20°	0 dB	0°	116°	+20°	246°	-1°	3.1dB	313°K	380159 +320 Hz
2022-06-09	Thursday	12:30	122°	+25°	0 dB	0°	122°	+25°	253°	-1°	3.1dB	313°K	380029 +298 Hz
2022-06-09	Thursday	13:00	129°	+29°	0 dB	0°	129°	+29°	261°	-2°	3.1dB	313°K	379898 +271 Hz
2022-06-09	Thursday	13:30	137°	+32°	0 dB	0°	137°	+32°	268°	-2°	3.1dB	313°K	379768 +241 Hz
2022-06-09	Thursday	14:00	145°	+35°	0 dB	0°	145°	+35°	275°	-2°	3.1dB	313°K	379638 +208 Hz
2022-06-09	Thursday	14:30	153°	+38°	0 dB	0°	153°	+38°	282°	-2°	3.1dB	313°K	379507 +173 Hz
2022-06-09	Thursday	15:00	162°	+40°	0 dB	0°	162°	+40°	290°	-2°	3.1dB	313°K	379377 +135 Hz
2022-06-09	Thursday	15:30	172°	+41°	0 dB	0°	172°	+41°	297°	-2°	3.1dB	313°K	379246 +96 Hz
2022-06-09	Thursday	16:00	182°	+41°	0 dB	0°	182°	+41°	304°	-2°	3.1dB	313°K	379116 +57 Hz
2022-06-09	Thursday	16:30	191°	+40°	0 dB	0°	191°	+40°	312°	-2°	3.1dB	313°K	378985 +18 Hz
2022-06-09	Thursday	17:00	201°	+39°	0 dB	0°	201°	+39°	319°	-3°	3.1dB	313°K	378855 -20 Hz
2022-06-09	Thursday	17:30	209°	+36°	0 dB	0°	209°	+36°	326°	-3°	3.1dB	313°K	378724 -57 Hz
2022-06-09	Thursday	18:00	218°	+33°	0 dB	0°	218°	+33°	333°	-3°	3.1dB	313°K	378594 -92 Hz
2022-06-09	Thursday	18:30	225°	+30°	0 dB	0°	225°	+30°	341°	-3°	3.1dB	313°K	378463 -124 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-06-09	Thursday	19:00	232°	+26°	0 dB	0°	232°	+26°	348°	-3°	3.1dB	312°K	378333	-152 Hz
2022-06-09	Thursday	19:30	239°	+22°	0 dB	0°	239°	+22°	355°	-3°	3.0dB	312°K	378202	-177 Hz
2022-06-09	Thursday	20:00	245°	+17°	0 dB	0°	245°	+17°	2°	-3°	3.0dB	312°K	378072	-198 Hz
2022-06-09	Thursday	20:30	250°	+12°	0 dB	0°	250°	+12°	10°	-3°	3.0dB	311°K	377941	-214 Hz
2022-06-09	Thursday	21:00	256°	+7°	0 dB	0°	256°	+7°	17°	-4°	3.0dB	311°K	377811	-226 Hz
2022-06-09	Thursday	21:30	261°	+2°	0 dB	0°	261°	+2°	24°	-4°	3.0dB	311°K	377680	-232 Hz
2022-06-10	Fri day	11:30	106°	+4°	0 dB	0°	106°	+4°	228°	-7°	2.8dB	308°K	374059	+351 Hz
2022-06-10	Fri day	12:00	111°	+8°	0 dB	0°	111°	+8°	235°	-7°	2.8dB	308°K	373931	+340 Hz
2022-06-10	Fri day	12:30	117°	+13°	0 dB	0°	117°	+13°	242°	-8°	2.8dB	309°K	373803	+325 Hz
2022-06-10	Fri day	13:00	123°	+17°	0 dB	0°	123°	+17°	249°	-8°	2.8dB	310°K	373676	+305 Hz
2022-06-10	Fri day	13:30	129°	+21°	0 dB	0°	129°	+21°	257°	-8°	2.8dB	311°K	373549	+281 Hz
2022-06-10	Fri day	14:00	136°	+25°	0 dB	0°	136°	+25°	264°	-8°	2.8dB	311°K	373422	+253 Hz
2022-06-10	Fri day	14:30	143°	+28°	0 dB	0°	143°	+28°	271°	-8°	2.8dB	312°K	373295	+222 Hz
2022-06-10	Fri day	15:00	151°	+31°	0 dB	0°	151°	+31°	278°	-8°	2.8dB	313°K	373168	+188 Hz
2022-06-10	Fri day	15:30	159°	+33°	0 dB	0°	159°	+33°	286°	-8°	2.8dB	314°K	373042	+152 Hz
2022-06-10	Fri day	16:00	168°	+34°	0 dB	0°	168°	+34°	293°	-8°	2.8dB	314°K	372916	+115 Hz
2022-06-10	Fri day	16:30	177°	+35°	0 dB	0°	177°	+35°	300°	-9°	2.8dB	315°K	372790	+76 Hz
2022-06-10	Fri day	17:00	185°	+34°	0 dB	0°	185°	+34°	307°	-9°	2.8dB	316°K	372664	+37 Hz
2022-06-10	Fri day	17:30	194°	+33°	0 dB	0°	194°	+33°	315°	-9°	2.8dB	317°K	372538	-1 Hz
2022-06-10	Fri day	18:00	202°	+32°	0 dB	0°	202°	+32°	322°	-9°	2.8dB	318°K	372413	-38 Hz
2022-06-10	Fri day	18:30	210°	+29°	0 dB	0°	210°	+29°	329°	-9°	2.8dB	318°K	372288	-73 Hz
2022-06-10	Fri day	19:00	218°	+26°	0 dB	0°	218°	+26°	336°	-9°	2.8dB	319°K	372163	-106 Hz
2022-06-10	Fri day	19:30	225°	+23°	0 dB	0°	225°	+23°	344°	-9°	2.9dB	320°K	372038	-136 Hz
2022-06-10	Fri day	20:00	231°	+19°	0 dB	0°	231°	+19°	351°	-9°	2.9dB	321°K	371914	-163 Hz
2022-06-10	Fri day	20:30	237°	+15°	0 dB	0°	237°	+15°	358°	-10°	2.9dB	321°K	371789	-185 Hz
2022-06-10	Fri day	21:00	243°	+10°	0 dB	0°	243°	+10°	5°	-10°	2.9dB	322°K	371665	-204 Hz
2022-06-10	Fri day	21:30	248°	+6°	0 dB	0°	248°	+6°	13°	-10°	2.9dB	323°K	371542	-218 Hz
2022-06-10	Fri day	22:00	254°	+1°	0 dB	0°	254°	+1°	20°	-10°	2.9dB	324°K	371418	-227 Hz
2022-06-11	Saturday	12:30	112°	+1°	0 dB	0°	112°	+1°	230°	-13°	3.1dB	360°K	367968	+334 Hz
2022-06-11	Saturday	13:00	117°	+5°	0 dB	0°	117°	+5°	237°	-14°	3.1dB	361°K	367854	+321 Hz
2022-06-11	Saturday	13:30	123°	+10°	0 dB	0°	123°	+10°	245°	-14°	3.1dB	362°K	367741	+304 Hz
2022-06-11	Saturday	14:00	129°	+14°	0 dB	0°	129°	+14°	252°	-14°	3.1dB	363°K	367628	+284 Hz
2022-06-11	Saturday	14:30	135°	+17°	0 dB	0°	135°	+17°	259°	-14°	3.1dB	364°K	367515	+259 Hz
2022-06-11	Saturday	15:00	141°	+20°	0 dB	0°	141°	+20°	266°	-14°	3.1dB	365°K	367403	+230 Hz
2022-06-11	Saturday	15:30	148°	+23°	0 dB	0°	148°	+23°	273°	-14°	3.1dB	367°K	367291	+199 Hz
2022-06-11	Saturday	16:00	156°	+26°	0 dB	0°	156°	+26°	281°	-14°	3.1dB	368°K	367180	+166 Hz
2022-06-11	Saturday	16:30	163°	+27°	0 dB	0°	163°	+27°	288°	-14°	3.1dB	369°K	367069	+130 Hz
2022-06-11	Saturday	17:00	171°	+28°	0 dB	0°	171°	+28°	295°	-15°	3.1dB	370°K	366959	+93 Hz
2022-06-11	Saturday	17:30	179°	+28°	0 dB	0°	179°	+28°	302°	-15°	3.2dB	371°K	366849	+55 Hz
2022-06-11	Saturday	18:00	187°	+28°	0 dB	0°	187°	+28°	310°	-15°	3.2dB	372°K	366739	+18 Hz
2022-06-11	Saturday	18:30	195°	+27°	0 dB	0°	195°	+27°	317°	-15°	3.2dB	374°K	366630	-19 Hz
2022-06-11	Saturday	19:00	203°	+25°	0 dB	0°	203°	+25°	324°	-15°	3.2dB	375°K	366521	-54 Hz
2022-06-11	Saturday	19:30	210°	+23°	0 dB	0°	210°	+23°	331°	-15°	3.2dB	376°K	366413	-88 Hz
2022-06-11	Saturday	20:00	217°	+20°	0 dB	0°	217°	+20°	339°	-15°	3.2dB	377°K	366306	-119 Hz
2022-06-11	Saturday	20:30	223°	+17°	0 dB	0°	223°	+17°	346°	-15°	3.2dB	378°K	366198	-147 Hz
2022-06-11	Saturday	21:00	229°	+13°	0 dB	0°	229°	+13°	353°	-15°	3.2dB	379°K	366091	-172 Hz
2022-06-11	Saturday	21:30	235°	+9°	0 dB	0°	235°	+9°	0°	-16°	3.2dB	381°K	365985	-193 Hz
2022-06-11	Saturday	22:00	241°	+4°	0 dB	0°	241°	+4°	7°	-16°	3.2dB	382°K	365879	-209 Hz
2022-06-11	Saturday	22:30	246°	-0°	0 dB	0°	246°	-0°	15°	-16°	3.2dB	383°K	365774	-222 Hz
2022-06-12	Sunday	14:00	121°	+2°	0 dB	0°	121°	+2°	239°	-19°	3.4dB	416°K	362769	+296 Hz
2022-06-12	Sunday	14:30	127°	+6°	0 dB	0°	127°	+6°	246°	-19°	3.4dB	418°K	362681	+279 Hz
2022-06-12	Sunday	15:00	133°	+10°	0 dB	0°	133°	+10°	253°	-19°	3.4dB	421°K	362594	+258 Hz
2022-06-12	Sunday	15:30	139°	+13°	0 dB	0°	139°	+13°	260°	-19°	3.4dB	423°K	362508	+234 Hz
2022-06-12	Sunday	16:00	145°	+16°	0 dB	0°	145°	+16°	267°	-20°	3.5dB	426°K	362422	+206 Hz
2022-06-12	Sunday	16:30	152°	+19°	0 dB	0°	152°	+19°	275°	-20°	3.5dB	428°K	362336	+176 Hz
2022-06-12	Sunday	17:00	159°	+21°	0 dB	0°	159°	+21°	282°	-20°	3.5dB	431°K	362252	+143 Hz
2022-06-12	Sunday	17:30	166°	+22°	0 dB	0°	166°	+22°	289°	-20°	3.5dB	433°K	362168	+108 Hz
2022-06-12	Sunday	18:00	173°	+23°	0 dB	0°	173°	+23°	296°	-20°	3.5dB	436°K	362084	+72 Hz
2022-06-12	Sunday	18:30	180°	+23°	0 dB	0°	180°	+23°	303°	-20°	3.6dB	438°K	362002	+36 Hz
2022-06-12	Sunday	19:00	188°	+23°	0 dB	0°	188°	+23°	311°	-20°	3.6dB	441°K	361920	0 Hz
2022-06-12	Sunday	19:30	195°	+21°	0 dB	0°	195°	+21°	318°	-20°	3.6dB	443°K	361838	-35 Hz
2022-06-12	Sunday	20:00	202°	+20°	0 dB	0°	202°	+20°	325°	-20°	3.6dB	446°K	361758	-69 Hz
2022-06-12	Sunday	20:30	209°	+17°	0 dB	0°	209°	+17°	332°	-20°	3.6dB	449°K	361677	-101 Hz
2022-06-12	Sunday	21:00	215°	+15°	0 dB	0°	215°	+15°	339°	-21°	3.6dB	451°K	361598	-131 Hz
2022-06-12	Sunday	21:30	221°	+12°	0 dB	0°	221°	+12°	347°	-21°	3.7dB	454°K	361519	-157 Hz
2022-06-12	Sunday	22:00	227°	+8°	0 dB	0°	227°	+8°	354°	-21°	3.7dB	456°K	361441	-181 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-06-12	Sunday	22:30	233°	+4°	0 dB	0°	233°	+4°	1°	-21°	3.7dB	459°K	361364	-200 Hz
2022-06-12	Sunday	23:00	238°	-0°	0 dB	0°	238°	-0°	8°	-21°	3.7dB	461°K	361287	-216 Hz
2022-06-13	Monday	15:30	129°	+2°	0 dB	0°	129°	+2°	246°	-24°	5.0dB	651°K	359154	+254 Hz
2022-06-13	Monday	16:00	135°	+6°	0 dB	0°	135°	+6°	253°	-24°	5.0dB	662°K	359102	+233 Hz
2022-06-13	Monday	16:30	141°	+9°	0 dB	0°	141°	+9°	260°	-24°	5.1dB	674°K	359051	+210 Hz
2022-06-13	Monday	17:00	147°	+12°	0 dB	0°	147°	+12°	267°	-24°	5.2dB	686°K	359001	+183 Hz
2022-06-13	Monday	17:30	153°	+14°	0 dB	0°	153°	+14°	274°	-24°	5.2dB	697°K	358951	+154 Hz
2022-06-13	Monday	18:00	160°	+16°	0 dB	0°	160°	+16°	282°	-24°	5.3dB	709°K	358902	+122 Hz
2022-06-13	Monday	18:30	166°	+18°	0 dB	0°	166°	+18°	289°	-24°	5.4dB	721°K	358854	+89 Hz
2022-06-13	Monday	19:00	173°	+19°	0 dB	0°	173°	+19°	296°	-24°	5.4dB	733°K	358807	+55 Hz
2022-06-13	Monday	19:30	180°	+19°	0 dB	0°	180°	+19°	303°	-24°	5.5dB	744°K	358760	+20 Hz
2022-06-13	Monday	20:00	187°	+18°	0 dB	0°	187°	+18°	310°	-24°	5.5dB	756°K	358715	-15 Hz
2022-06-13	Monday	20:30	194°	+17°	0 dB	0°	194°	+17°	318°	-24°	5.6dB	768°K	358670	-49 Hz
2022-06-13	Monday	21:00	201°	+16°	0 dB	0°	201°	+16°	325°	-24°	5.7dB	780°K	358625	-82 Hz
2022-06-13	Monday	21:30	207°	+14°	0 dB	0°	207°	+14°	332°	-24°	5.7dB	791°K	358582	-113 Hz
2022-06-13	Monday	22:00	213°	+11°	0 dB	0°	213°	+11°	339°	-25°	5.8dB	803°K	358540	-141 Hz
2022-06-13	Monday	22:30	219°	+8°	0 dB	0°	219°	+8°	346°	-25°	5.8dB	815°K	358498	-167 Hz
2022-06-13	Monday	23:00	225°	+5°	0 dB	0°	225°	+5°	353°	-25°	5.9dB	827°K	358457	-190 Hz
2022-06-13	Monday	23:30	230°	+1°	0 dB	0°	230°	+1°	1°	-25°	5.9dB	839°K	358417	-209 Hz
2022-06-14	Tuesday	17:00	135°	+3°	0 dB	0°	135°	+3°	252°	-26°	10.4dB	2465°K	357529	+212 Hz
2022-06-14	Tuesday	17:30	141°	+6°	0 dB	0°	141°	+6°	259°	-26°	10.5dB	2545°K	357518	+190 Hz
2022-06-14	Tuesday	18:00	147°	+9°	0 dB	0°	147°	+9°	266°	-26°	10.7dB	2625°K	357509	+164 Hz
2022-06-14	Tuesday	18:30	153°	+12°	0 dB	0°	153°	+12°	273°	-26°	10.8dB	2705°K	357500	+136 Hz
2022-06-14	Tuesday	19:00	159°	+14°	0 dB	0°	159°	+14°	280°	-26°	10.9dB	2785°K	357492	+106 Hz
2022-06-14	Tuesday	19:30	166°	+15°	0 dB	0°	166°	+15°	288°	-26°	11.0dB	2865°K	357485	+74 Hz
2022-06-14	Tuesday	20:00	172°	+16°	0 dB	0°	172°	+16°	295°	-27°	11.1dB	2945°K	357479	+40 Hz
2022-06-14	Tuesday	20:30	179°	+16°	0 dB	0°	179°	+16°	302°	-27°	11.3dB	3025°K	357473	+7 Hz
2022-06-14	Tuesday	21:00	186°	+16°	0 dB	0°	186°	+16°	309°	-27°	11.4dB	3105°K	357469	-27 Hz
2022-06-14	Tuesday	21:30	192°	+15°	0 dB	0°	192°	+15°	316°	-27°	11.5dB	3185°K	357465	-61 Hz
2022-06-14	Tuesday	22:00	199°	+14°	0 dB	0°	199°	+14°	323°	-27°	11.6dB	3265°K	357462	-93 Hz
2022-06-14	Tuesday	22:30	205°	+12°	0 dB	0°	205°	+12°	331°	-27°	11.6dB	3277°K	357460	-124 Hz
2022-06-14	Tuesday	23:00	211°	+10°	0 dB	0°	211°	+10°	338°	-27°	11.5dB	3219°K	357459	-153 Hz
2022-06-14	Tuesday	23:30	217°	+7°	0 dB	0°	217°	+7°	345°	-27°	11.4dB	3162°K	357458	-179 Hz
2022-06-15	Wednesday	00:00	223°	+4°	0 dB	0°	223°	+4°	352°	-27°	11.4dB	3104°K	357459	-202 Hz
2022-06-15	Wednesday	00:30	228°	+0°	0 dB	0°	228°	+0°	359°	-27°	11.3dB	3047°K	357460	-221 Hz
2022-06-15	Wednesday	18:00	134°	+2°	0 dB	0°	134°	+2°	250°	-27°	6.7dB	1026°K	358026	+196 Hz
2022-06-15	Wednesday	18:30	140°	+5°	0 dB	0°	140°	+5°	257°	-27°	6.5dB	968°K	358057	+174 Hz
2022-06-15	Wednesday	19:00	146°	+8°	0 dB	0°	146°	+8°	264°	-27°	6.3dB	911°K	358088	+150 Hz
2022-06-15	Wednesday	19:30	152°	+11°	0 dB	0°	152°	+11°	271°	-27°	6.1dB	865°K	358121	+123 Hz
2022-06-15	Wednesday	20:00	158°	+13°	0 dB	0°	158°	+13°	279°	-27°	6.0dB	848°K	358154	+93 Hz
2022-06-15	Wednesday	20:30	164°	+15°	0 dB	0°	164°	+15°	286°	-27°	5.9dB	832°K	358188	+62 Hz
2022-06-15	Wednesday	21:00	171°	+16°	0 dB	0°	171°	+16°	293°	-27°	5.8dB	816°K	358223	+29 Hz
2022-06-15	Wednesday	21:30	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	5.7dB	799°K	358258	-5 Hz
2022-06-15	Wednesday	22:00	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	5.7dB	783°K	358294	-39 Hz
2022-06-15	Wednesday	22:30	191°	+16°	0 dB	0°	191°	+16°	314°	-27°	5.6dB	766°K	358332	-72 Hz
2022-06-15	Wednesday	23:00	197°	+14°	0 dB	0°	197°	+14°	322°	-27°	5.5dB	750°K	358369	-105 Hz
2022-06-15	Wednesday	23:30	204°	+13°	0 dB	0°	204°	+13°	329°	-27°	5.4dB	734°K	358408	-136 Hz
2022-06-16	Thursday	00:00	210°	+10°	0 dB	0°	210°	+10°	336°	-27°	5.3dB	717°K	358448	-165 Hz
2022-06-16	Thursday	00:30	216°	+8°	0 dB	0°	216°	+8°	343°	-27°	5.2dB	701°K	358488	-192 Hz
2022-06-16	Thursday	01:00	221°	+5°	0 dB	0°	221°	+5°	350°	-27°	5.1dB	685°K	358529	-216 Hz
2022-06-16	Thursday	01:30	227°	+1°	0 dB	0°	227°	+1°	357°	-27°	5.0dB	668°K	358570	-237 Hz
2022-06-16	Thursday	19:00	132°	+2°	0 dB	0°	132°	+2°	249°	-25°	2.7dB	361°K	360494	+186 Hz
2022-06-16	Thursday	19:30	138°	+6°	0 dB	0°	138°	+6°	256°	-25°	2.7dB	359°K	360561	+165 Hz
2022-06-16	Thursday	20:00	144°	+9°	0 dB	0°	144°	+9°	263°	-25°	2.7dB	357°K	360630	+141 Hz
2022-06-16	Thursday	20:30	150°	+12°	0 dB	0°	150°	+12°	270°	-25°	2.7dB	355°K	360698	+114 Hz
2022-06-16	Thursday	21:00	156°	+14°	0 dB	0°	156°	+14°	277°	-25°	2.7dB	353°K	360768	+84 Hz
2022-06-16	Thursday	21:30	162°	+16°	0 dB	0°	162°	+16°	284°	-25°	2.7dB	351°K	360838	+52 Hz
2022-06-16	Thursday	22:00	169°	+17°	0 dB	0°	169°	+17°	292°	-25°	2.6dB	349°K	360909	+19 Hz
2022-06-16	Thursday	22:30	176°	+18°	0 dB	0°	176°	+18°	299°	-25°	2.6dB	347°K	360980	-15 Hz
2022-06-16	Thursday	23:00	183°	+18°	0 dB	0°	183°	+18°	306°	-25°	2.6dB	345°K	361052	-50 Hz
2022-06-16	Thursday	23:30	190°	+18°	0 dB	0°	190°	+18°	313°	-25°	2.6dB	343°K	361125	-84 Hz
2022-06-17	Fri day	00:00	197°	+17°	0 dB	0°	197°	+17°	320°	-25°	2.6dB	341°K	361199	-118 Hz
2022-06-17	Fri day	00:30	203°	+15°	0 dB	0°	203°	+15°	328°	-25°	2.6dB	339°K	361272	-150 Hz
2022-06-17	Fri day	01:00	210°	+13°	0 dB	0°	210°	+13°	335°	-24°	2.5dB	337°K	361347	-181 Hz
2022-06-17	Fri day	01:30	216°	+10°	0 dB	0°	216°	+10°	342°	-24°	2.5dB	336°K	361422	-209 Hz
2022-06-17	Fri day	02:00	222°	+7°	0 dB	0°	222°	+7°	349°	-24°	2.5dB	334°K	361498	-234 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-17	Fri day	02: 30	227°	+4°	0 dB	0°	227°	+4°	356°	-24°	2. 5dB	332°K	361575 -256 Hz
2022-06-17	Fri day	03: 00	233°	-0°	0 dB	0°	233°	-0°	4°	-24°	2. 5dB	330°K	361652 -274 Hz
2022-06-17	Fri day	19: 30	125°	+1°	0 dB	0°	125°	+1°	241°	-22°	2. 6dB	326°K	364511 +197 Hz
2022-06-17	Fri day	20: 00	130°	+5°	0 dB	0°	130°	+5°	248°	-22°	2. 6dB	326°K	364606 +180 Hz
2022-06-17	Fri day	20: 30	136°	+9°	0 dB	0°	136°	+9°	255°	-22°	2. 6dB	326°K	364702 +159 Hz
2022-06-17	Fri day	21: 00	142°	+12°	0 dB	0°	142°	+12°	263°	-21°	2. 6dB	326°K	364798 +134 Hz
2022-06-17	Fri day	21: 30	148°	+15°	0 dB	0°	148°	+15°	270°	-21°	2. 6dB	326°K	364895 +106 Hz
2022-06-17	Fri day	22: 00	155°	+18°	0 dB	0°	155°	+18°	277°	-21°	2. 6dB	326°K	364992 +76 Hz
2022-06-17	Fri day	22: 30	161°	+20°	0 dB	0°	161°	+20°	284°	-21°	2. 6dB	326°K	365090 +43 Hz
2022-06-17	Fri day	23: 00	168°	+21°	0 dB	0°	168°	+21°	292°	-21°	2. 6dB	326°K	365188 +9 Hz
2022-06-17	Fri day	23: 30	176°	+22°	0 dB	0°	176°	+22°	299°	-21°	2. 6dB	326°K	365287 -27 Hz
2022-06-18	Saturday	00: 00	183°	+22°	0 dB	0°	183°	+22°	306°	-21°	2. 6dB	326°K	365386 -62 Hz
2022-06-18	Saturday	00: 30	190°	+22°	0 dB	0°	190°	+22°	313°	-21°	2. 6dB	326°K	365485 -98 Hz
2022-06-18	Saturday	01: 00	197°	+21°	0 dB	0°	197°	+21°	320°	-21°	2. 6dB	326°K	365585 -133 Hz
2022-06-18	Saturday	01: 30	204°	+19°	0 dB	0°	204°	+19°	328°	-21°	2. 6dB	326°K	365685 -167 Hz
2022-06-18	Saturday	02: 00	211°	+17°	0 dB	0°	211°	+17°	335°	-21°	2. 6dB	326°K	365786 -198 Hz
2022-06-18	Saturday	02: 30	218°	+14°	0 dB	0°	218°	+14°	342°	-20°	2. 6dB	326°K	365887 -227 Hz
2022-06-18	Saturday	03: 00	224°	+11°	0 dB	0°	224°	+11°	349°	-20°	2. 6dB	326°K	365989 -253 Hz
2022-06-18	Saturday	03: 30	230°	+7°	0 dB	0°	230°	+7°	356°	-20°	2. 6dB	326°K	366091 -276 Hz
2022-06-18	Saturday	04: 00	235°	+3°	0 dB	0°	235°	+3°	4°	-20°	2. 6dB	325°K	366193 -295 Hz
2022-06-18	Saturday	20: 00	117°	+1°	0 dB	0°	117°	+1°	235°	-17°	2. 3dB	280°K	369656 +210 Hz
2022-06-18	Saturday	20: 30	123°	+6°	0 dB	0°	123°	+6°	242°	-17°	2. 2dB	278°K	369769 +196 Hz
2022-06-18	Saturday	21: 00	128°	+10°	0 dB	0°	128°	+10°	249°	-17°	2. 2dB	276°K	369883 +177 Hz
2022-06-18	Saturday	21: 30	134°	+14°	0 dB	0°	134°	+14°	257°	-17°	2. 2dB	274°K	369996 +155 Hz
2022-06-18	Saturday	22: 00	140°	+17°	0 dB	0°	140°	+17°	264°	-17°	2. 2dB	272°K	370110 +129 Hz
2022-06-18	Saturday	22: 30	147°	+20°	0 dB	0°	147°	+20°	271°	-16°	2. 2dB	270°K	370225 +99 Hz
2022-06-18	Saturday	23: 00	154°	+23°	0 dB	0°	154°	+23°	278°	-16°	2. 1dB	268°K	370339 +67 Hz
2022-06-18	Saturday	23: 30	161°	+25°	0 dB	0°	161°	+25°	285°	-16°	2. 1dB	266°K	370454 +33 Hz
2022-06-19	Sunday	00: 00	169°	+26°	0 dB	0°	169°	+26°	293°	-16°	2. 1dB	264°K	370569 -3 Hz
2022-06-19	Sunday	00: 30	177°	+27°	0 dB	0°	177°	+27°	300°	-16°	2. 1dB	262°K	370684 -40 Hz
2022-06-19	Sunday	01: 00	185°	+27°	0 dB	0°	185°	+27°	307°	-16°	2. 0dB	260°K	370799 -77 Hz
2022-06-19	Sunday	01: 30	192°	+27°	0 dB	0°	192°	+27°	314°	-16°	2. 0dB	258°K	370915 -114 Hz
2022-06-19	Sunday	02: 00	200°	+25°	0 dB	0°	200°	+25°	322°	-16°	2. 0dB	256°K	371030 -150 Hz
2022-06-19	Sunday	02: 30	207°	+23°	0 dB	0°	207°	+23°	329°	-16°	2. 0dB	254°K	371146 -184 Hz
2022-06-19	Sunday	03: 00	215°	+21°	0 dB	0°	215°	+21°	336°	-15°	2. 0dB	252°K	371263 -217 Hz
2022-06-19	Sunday	03: 30	221°	+18°	0 dB	0°	221°	+18°	343°	-15°	1. 9dB	250°K	371379 -246 Hz
2022-06-19	Sunday	04: 00	228°	+14°	0 dB	0°	228°	+14°	351°	-15°	1. 9dB	248°K	371496 -273 Hz
2022-06-19	Sunday	04: 30	234°	+11°	0 dB	0°	234°	+11°	358°	-15°	1. 9dB	246°K	371612 -295 Hz
2022-06-19	Sunday	05: 00	239°	+6°	0 dB	0°	239°	+6°	5°	-15°	1. 9dB	244°K	371729 -314 Hz
2022-06-19	Sunday	05: 30	245°	+2°	0 dB	0°	245°	+2°	12°	-15°	1. 9dB	243°K	371846 -328 Hz
2022-06-19	Sunday	20: 30	110°	+2°	0 dB	0°	110°	+2°	230°	-11°	2. 0dB	243°K	375424 +223 Hz
2022-06-19	Sunday	21: 00	115°	+7°	0 dB	0°	115°	+7°	237°	-11°	2. 0dB	243°K	375545 +211 Hz
2022-06-19	Sunday	21: 30	121°	+11°	0 dB	0°	121°	+11°	244°	-11°	2. 0dB	242°K	375665 +195 Hz
2022-06-19	Sunday	22: 00	127°	+16°	0 dB	0°	127°	+16°	252°	-11°	2. 0dB	242°K	375786 +174 Hz
2022-06-19	Sunday	22: 30	133°	+20°	0 dB	0°	133°	+20°	259°	-11°	2. 0dB	242°K	375907 +150 Hz
2022-06-19	Sunday	23: 00	140°	+23°	0 dB	0°	140°	+23°	266°	-11°	2. 0dB	242°K	376028 +122 Hz
2022-06-19	Sunday	23: 30	147°	+27°	0 dB	0°	147°	+27°	273°	-11°	2. 0dB	242°K	376149 +91 Hz
2022-06-20	Monday	00: 00	154°	+29°	0 dB	0°	154°	+29°	281°	-11°	2. 0dB	242°K	376270 +57 Hz
2022-06-20	Monday	00: 30	162°	+31°	0 dB	0°	162°	+31°	288°	-10°	2. 0dB	241°K	376391 +21 Hz
2022-06-20	Monday	01: 00	171°	+32°	0 dB	0°	171°	+32°	295°	-10°	2. 0dB	241°K	376512 -17 Hz
2022-06-20	Monday	01: 30	179°	+33°	0 dB	0°	179°	+33°	302°	-10°	2. 1dB	241°K	376633 -55 Hz
2022-06-20	Monday	02: 00	188°	+33°	0 dB	0°	188°	+33°	310°	-10°	2. 1dB	241°K	376754 -93 Hz
2022-06-20	Monday	02: 30	196°	+32°	0 dB	0°	196°	+32°	317°	-10°	2. 1dB	241°K	376875 -131 Hz
2022-06-20	Monday	03: 00	205°	+30°	0 dB	0°	205°	+30°	324°	-10°	2. 1dB	241°K	376996 -168 Hz
2022-06-20	Monday	03: 30	212°	+28°	0 dB	0°	212°	+28°	331°	-10°	2. 1dB	241°K	377117 -203 Hz
2022-06-20	Monday	04: 00	220°	+25°	0 dB	0°	220°	+25°	339°	-10°	2. 1dB	240°K	377238 -235 Hz
2022-06-20	Monday	04: 30	227°	+22°	0 dB	0°	227°	+22°	346°	-9°	2. 1dB	240°K	377359 -264 Hz
2022-06-20	Monday	05: 00	233°	+18°	0 dB	0°	233°	+18°	353°	-9°	2. 1dB	240°K	377481 -290 Hz
2022-06-20	Monday	05: 30	239°	+14°	0 dB	0°	239°	+14°	0°	-9°	2. 1dB	240°K	377602 -312 Hz
2022-06-20	Monday	06: 00	245°	+9°	0 dB	0°	245°	+9°	8°	-9°	2. 1dB	240°K	377723 -329 Hz
2022-06-20	Monday	06: 30	251°	+5°	0 dB	0°	251°	+5°	15°	-9°	2. 1dB	240°K	377844 -342 Hz
2022-06-20	Monday	07: 00	256°	+0°	0 dB	0°	256°	+0°	22°	-9°	2. 1dB	239°K	377965 -350 Hz
2022-06-20	Monday	21: 00	103°	+4°	0 dB	0°	103°	+4°	226°	-5°	2. 2dB	239°K	381334 +234 Hz
2022-06-20	Monday	21: 30	108°	+9°	0 dB	0°	108°	+9°	233°	-5°	2. 2dB	239°K	381453 +225 Hz
2022-06-20	Monday	22: 00	114°	+14°	0 dB	0°	114°	+14°	240°	-5°	2. 2dB	239°K	381572 +211 Hz
2022-06-20	Monday	22: 30	120°	+18°	0 dB	0°	120°	+18°	248°	-5°	2. 3dB	239°K	381691 +193 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-20	Monday	23:00	126°	+23°	0 dB	0°	126°	+23°	255°	-5°	2.3dB	239°K	381809 +170 Hz
2022-06-20	Monday	23:30	133°	+27°	0 dB	0°	133°	+27°	262°	-5°	2.3dB	239°K	381928 +143 Hz
2022-06-21	Tuesday	00:00	140°	+30°	0 dB	0°	140°	+30°	269°	-5°	2.3dB	239°K	382047 +113 Hz
2022-06-21	Tuesday	00:30	148°	+34°	0 dB	0°	148°	+34°	277°	-5°	2.3dB	243°K	382165 +79 Hz
2022-06-21	Tuesday	01:00	156°	+36°	0 dB	0°	156°	+36°	284°	-4°	2.4dB	244°K	382283 +44 Hz
2022-06-21	Tuesday	01:30	165°	+38°	0 dB	0°	165°	+38°	291°	-4°	2.4dB	244°K	382401 +6 Hz
2022-06-21	Tuesday	02:00	174°	+39°	0 dB	0°	174°	+39°	298°	-4°	2.4dB	245°K	382519 -33 Hz
2022-06-21	Tuesday	02:30	184°	+39°	0 dB	0°	184°	+39°	306°	-4°	2.4dB	246°K	382637 -72 Hz
2022-06-21	Tuesday	03:00	193°	+39°	0 dB	0°	193°	+39°	313°	-4°	2.4dB	246°K	382755 -111 Hz
2022-06-21	Tuesday	03:30	202°	+37°	0 dB	0°	202°	+37°	320°	-4°	2.4dB	247°K	382872 -149 Hz
2022-06-21	Tuesday	04:00	211°	+35°	0 dB	0°	211°	+35°	328°	-4°	2.4dB	247°K	382990 -185 Hz
2022-06-21	Tuesday	04:30	219°	+32°	0 dB	0°	219°	+32°	335°	-4°	2.4dB	248°K	383107 -219 Hz
2022-06-21	Tuesday	05:00	226°	+29°	0 dB	0°	226°	+29°	342°	-3°	2.5dB	248°K	383224 -250 Hz
2022-06-21	Tuesday	05:30	233°	+25°	0 dB	0°	233°	+25°	349°	-3°	2.5dB	249°K	383341 -278 Hz
2022-06-21	Tuesday	06:00	240°	+21°	0 dB	0°	240°	+21°	357°	-3°	2.5dB	250°K	383458 -303 Hz
2022-06-21	Tuesday	06:30	246°	+16°	0 dB	0°	246°	+16°	4°	-3°	2.5dB	250°K	383575 -323 Hz
2022-06-21	Tuesday	07:00	252°	+12°	0 dB	0°	252°	+12°	11°	-3°	2.5dB	251°K	383691 -338 Hz
2022-06-21	Tuesday	07:30	257°	+7°	0 dB	0°	257°	+7°	18°	-3°	2.5dB	251°K	383807 -349 Hz
2022-06-21	Tuesday	08:00	263°	+2°	0 dB	0°	263°	+2°	26°	-3°	2.5dB	252°K	383924 -355 Hz
2022-06-21	Tuesday	21:00	091°	+1°	0 dB	0°	091°	+1°	215°	+1°	2.9dB	266°K	386877 +247 Hz
2022-06-21	Tuesday	21:30	096°	+6°	0 dB	0°	096°	+6°	222°	+1°	2.9dB	267°K	386988 +244 Hz
2022-06-21	Tuesday	22:00	102°	+11°	0 dB	0°	102°	+11°	230°	+1°	2.9dB	268°K	387098 +237 Hz
2022-06-21	Tuesday	22:30	107°	+16°	0 dB	0°	107°	+16°	237°	+1°	2.9dB	268°K	387208 +225 Hz
2022-06-21	Tuesday	23:00	113°	+21°	0 dB	0°	113°	+21°	244°	+1°	2.9dB	269°K	387318 +209 Hz
2022-06-21	Tuesday	23:30	119°	+26°	0 dB	0°	119°	+26°	251°	+1°	2.9dB	269°K	387428 +187 Hz
2022-06-22	Wednesday	00:00	126°	+30°	0 dB	0°	126°	+30°	259°	+1°	2.9dB	270°K	387538 +162 Hz
2022-06-22	Wednesday	00:30	133°	+34°	0 dB	0°	133°	+34°	266°	+1°	3.0dB	270°K	387647 +133 Hz
2022-06-22	Wednesday	01:00	141°	+38°	0 dB	0°	141°	+38°	273°	+1°	3.0dB	271°K	387756 +101 Hz
2022-06-22	Wednesday	01:30	149°	+41°	0 dB	0°	149°	+41°	281°	+2°	3.0dB	271°K	387865 +66 Hz
2022-06-22	Wednesday	02:00	159°	+43°	0 dB	0°	159°	+43°	288°	+2°	3.0dB	272°K	387974 +29 Hz
2022-06-22	Wednesday	02:30	169°	+45°	0 dB	0°	169°	+45°	295°	+2°	3.0dB	273°K	388082 -10 Hz
2022-06-22	Wednesday	03:00	179°	+45°	0 dB	0°	179°	+45°	302°	+2°	3.0dB	273°K	388190 -49 Hz
2022-06-22	Wednesday	03:30	190°	+45°	0 dB	0°	190°	+45°	310°	+2°	3.0dB	274°K	388298 -88 Hz
2022-06-22	Wednesday	04:00	200°	+44°	0 dB	0°	200°	+44°	317°	+2°	3.0dB	274°K	388406 -127 Hz
2022-06-22	Wednesday	04:30	209°	+42°	0 dB	0°	209°	+42°	324°	+2°	3.1dB	275°K	388513 -164 Hz
2022-06-22	Wednesday	05:00	218°	+39°	0 dB	0°	218°	+39°	331°	+2°	3.1dB	275°K	388620 -200 Hz
2022-06-22	Wednesday	05:30	227°	+36°	0 dB	0°	227°	+36°	339°	+3°	3.1dB	276°K	388727 -232 Hz
2022-06-22	Wednesday	06:00	234°	+32°	0 dB	0°	234°	+32°	346°	+3°	3.1dB	276°K	388834 -262 Hz
2022-06-22	Wednesday	06:30	241°	+28°	0 dB	0°	241°	+28°	353°	+3°	3.1dB	277°K	388940 -288 Hz
2022-06-22	Wednesday	07:00	247°	+23°	0 dB	0°	247°	+23°	1°	+3°	3.1dB	278°K	389046 -310 Hz
2022-06-22	Wednesday	07:30	254°	+19°	0 dB	0°	254°	+19°	8°	+3°	3.1dB	278°K	389152 -327 Hz
2022-06-22	Wednesday	08:00	259°	+14°	0 dB	0°	259°	+14°	15°	+3°	3.1dB	279°K	389257 -340 Hz
2022-06-22	Wednesday	08:30	265°	+9°	0 dB	0°	265°	+9°	22°	+3°	3.1dB	279°K	389363 -348 Hz
2022-06-22	Wednesday	09:00	270°	+4°	0 dB	0°	270°	+4°	30°	+3°	3.2dB	280°K	389468 -352 Hz
2022-06-22	Wednesday	21:30	085°	+3°	0 dB	0°	085°	+3°	212°	+6°	3.5dB	294°K	392001 +252 Hz
2022-06-22	Wednesday	22:00	090°	+8°	0 dB	0°	090°	+8°	219°	+6°	3.5dB	294°K	392099 +252 Hz
2022-06-22	Wednesday	22:30	095°	+13°	0 dB	0°	095°	+13°	226°	+7°	3.5dB	295°K	392196 +247 Hz
2022-06-22	Wednesday	23:00	100°	+18°	0 dB	0°	100°	+18°	234°	+7°	3.5dB	295°K	392293 +237 Hz
2022-06-22	Wednesday	23:30	106°	+23°	0 dB	0°	106°	+23°	241°	+7°	3.5dB	296°K	392390 +222 Hz
2022-06-23	Thursday	00:00	112°	+28°	0 dB	0°	112°	+28°	248°	+7°	3.5dB	296°K	392486 +203 Hz
2022-06-23	Thursday	00:30	118°	+33°	0 dB	0°	118°	+33°	256°	+7°	3.5dB	296°K	392582 +179 Hz
2022-06-23	Thursday	01:00	126°	+37°	0 dB	0°	126°	+37°	263°	+7°	3.5dB	296°K	392678 +152 Hz
2022-06-23	Thursday	01:30	133°	+41°	0 dB	0°	133°	+41°	270°	+7°	3.5dB	297°K	392773 +121 Hz
2022-06-23	Thursday	02:00	142°	+45°	0 dB	0°	142°	+45°	277°	+7°	3.5dB	297°K	392868 +87 Hz
2022-06-23	Thursday	02:30	152°	+48°	0 dB	0°	152°	+48°	285°	+8°	3.5dB	297°K	392963 +51 Hz
2022-06-23	Thursday	03:00	163°	+50°	0 dB	0°	163°	+50°	292°	+8°	3.5dB	297°K	393058 +13 Hz
2022-06-23	Thursday	03:30	174°	+51°	0 dB	0°	174°	+51°	299°	+8°	3.6dB	298°K	393152 -25 Hz
2022-06-23	Thursday	04:00	186°	+51°	0 dB	0°	186°	+51°	306°	+8°	3.6dB	298°K	393246 -65 Hz
2022-06-23	Thursday	04:30	197°	+50°	0 dB	0°	197°	+50°	314°	+8°	3.6dB	298°K	393339 -103 Hz
2022-06-23	Thursday	05:00	208°	+48°	0 dB	0°	208°	+48°	321°	+8°	3.6dB	299°K	393433 -141 Hz
2022-06-23	Thursday	05:30	218°	+46°	0 dB	0°	218°	+46°	328°	+8°	3.6dB	299°K	393525 -177 Hz
2022-06-23	Thursday	06:00	227°	+42°	0 dB	0°	227°	+42°	336°	+8°	3.6dB	299°K	393618 -211 Hz
2022-06-23	Thursday	06:30	235°	+39°	0 dB	0°	235°	+39°	343°	+8°	3.6dB	299°K	393710 -242 Hz
2022-06-23	Thursday	07:00	242°	+34°	0 dB	0°	242°	+34°	350°	+9°	3.6dB	300°K	393802 -269 Hz
2022-06-23	Thursday	07:30	249°	+30°	0 dB	0°	249°	+30°	357°	+9°	3.6dB	300°K	393894 -292 Hz
2022-06-23	Thursday	08:00	255°	+25°	0 dB	0°	255°	+25°	5°	+9°	3.6dB	300°K	393985 -311 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-23	Thursday	08:30	261°	+20°	0 dB	0°	261°	+20°	12°	+9°	3.6dB	300°K	394076 -326 Hz
2022-06-23	Thursday	09:00	266°	+15°	0 dB	0°	266°	+15°	19°	+9°	3.6dB	301°K	394167 -336 Hz
2022-06-23	Thursday	09:30	272°	+10°	0 dB	0°	272°	+10°	27°	+9°	3.6dB	301°K	394257 -341 Hz
2022-06-23	Thursday	10:00	277°	+5°	0 dB	0°	277°	+5°	34°	+9°	3.6dB	301°K	394347 -341 Hz
2022-06-23	Thursday	10:30	282°	+0°	0 dB	0°	282°	+0°	41°	+9°	3.7dB	302°K	394437 -337 Hz
2022-06-23	Thursday	21:30	074°	-0°	0 dB	0°	074°	-0°	201°	+12°	4.0dB	322°K	396328 +249 Hz
2022-06-23	Thursday	22:00	079°	+5°	0 dB	0°	079°	+5°	209°	+12°	4.0dB	324°K	396410 +255 Hz
2022-06-23	Thursday	22:30	084°	+10°	0 dB	0°	084°	+10°	216°	+12°	4.0dB	325°K	396492 +257 Hz
2022-06-23	Thursday	23:00	089°	+15°	0 dB	0°	089°	+15°	223°	+12°	4.0dB	326°K	396573 +254 Hz
2022-06-23	Thursday	23:30	094°	+20°	0 dB	0°	094°	+20°	231°	+12°	4.1dB	328°K	396654 +246 Hz
2022-06-24	Fri day	00:00	099°	+25°	0 dB	0°	099°	+25°	238°	+12°	4.1dB	329°K	396735 +233 Hz
2022-06-24	Fri day	00:30	105°	+30°	0 dB	0°	105°	+30°	245°	+12°	4.1dB	331°K	396815 +216 Hz
2022-06-24	Fri day	01:00	111°	+35°	0 dB	0°	111°	+35°	252°	+12°	4.1dB	332°K	396895 +195 Hz
2022-06-24	Fri day	01:30	118°	+40°	0 dB	0°	118°	+40°	260°	+13°	4.1dB	333°K	396975 +169 Hz
2022-06-24	Fri day	02:00	126°	+44°	0 dB	0°	126°	+44°	267°	+13°	4.1dB	335°K	397055 +140 Hz
2022-06-24	Fri day	02:30	134°	+48°	0 dB	0°	134°	+48°	274°	+13°	4.2dB	336°K	397134 +108 Hz
2022-06-24	Fri day	03:00	144°	+52°	0 dB	0°	144°	+52°	281°	+13°	4.2dB	338°K	397212 +73 Hz
2022-06-24	Fri day	03:30	155°	+54°	0 dB	0°	155°	+54°	289°	+13°	4.2dB	339°K	397291 +37 Hz
2022-06-24	Fri day	04:00	168°	+56°	0 dB	0°	168°	+56°	296°	+13°	4.2dB	340°K	397369 -1 Hz
2022-06-24	Fri day	04:30	181°	+57°	0 dB	0°	181°	+57°	303°	+13°	4.2dB	342°K	397447 -40 Hz
2022-06-24	Fri day	05:00	194°	+56°	0 dB	0°	194°	+56°	311°	+13°	4.3dB	343°K	397524 -78 Hz
2022-06-24	Fri day	05:30	206°	+55°	0 dB	0°	206°	+55°	318°	+13°	4.3dB	345°K	397601 -116 Hz
2022-06-24	Fri day	06:00	217°	+52°	0 dB	0°	217°	+52°	325°	+13°	4.3dB	346°K	397678 -152 Hz
2022-06-24	Fri day	06:30	227°	+49°	0 dB	0°	227°	+49°	332°	+14°	4.3dB	347°K	397754 -186 Hz
2022-06-24	Fri day	07:00	236°	+45°	0 dB	0°	236°	+45°	340°	+14°	4.3dB	348°K	397830 -217 Hz
2022-06-24	Fri day	07:30	243°	+40°	0 dB	0°	243°	+40°	347°	+14°	4.3dB	349°K	397906 -246 Hz
2022-06-24	Fri day	08:00	250°	+36°	0 dB	0°	250°	+36°	354°	+14°	4.4dB	350°K	397981 -271 Hz
2022-06-24	Fri day	08:30	257°	+31°	0 dB	0°	257°	+31°	2°	+14°	4.4dB	350°K	398056 -291 Hz
2022-06-24	Fri day	09:00	263°	+26°	0 dB	0°	263°	+26°	9°	+14°	4.4dB	351°K	398131 -307 Hz
2022-06-24	Fri day	09:30	268°	+21°	0 dB	0°	268°	+21°	16°	+14°	4.4dB	352°K	398205 -319 Hz
2022-06-24	Fri day	10:00	273°	+16°	0 dB	0°	273°	+16°	23°	+14°	4.4dB	352°K	398279 -326 Hz
2022-06-24	Fri day	10:30	278°	+11°	0 dB	0°	278°	+11°	31°	+14°	4.4dB	353°K	398353 -329 Hz
2022-06-24	Fri day	11:00	284°	+6°	0 dB	0°	284°	+6°	38°	+14°	4.4dB	354°K	398426 -326 Hz
2022-06-24	Fri day	11:30	289°	+1°	0 dB	0°	289°	+1°	45°	+15°	4.4dB	354°K	398499 -319 Hz
2022-06-24	Fri day	22:00	068°	+1°	0 dB	0°	068°	+1°	198°	+17°	4.6dB	369°K	399952 +247 Hz
2022-06-24	Fri day	22:30	073°	+6°	0 dB	0°	073°	+6°	205°	+17°	4.6dB	368°K	400018 +256 Hz
2022-06-24	Fri day	23:00	078°	+11°	0 dB	0°	078°	+11°	213°	+17°	4.6dB	368°K	400083 +259 Hz
2022-06-24	Fri day	23:30	083°	+16°	0 dB	0°	083°	+16°	220°	+17°	4.6dB	367°K	400147 +258 Hz
2022-06-25	Saturday	00:00	088°	+21°	0 dB	0°	088°	+21°	227°	+17°	4.6dB	366°K	400212 +253 Hz
2022-06-25	Saturday	00:30	093°	+26°	0 dB	0°	093°	+26°	234°	+17°	4.6dB	366°K	400276 +242 Hz
2022-06-25	Saturday	01:00	098°	+31°	0 dB	0°	098°	+31°	242°	+17°	4.6dB	365°K	400340 +227 Hz
2022-06-25	Saturday	01:30	104°	+36°	0 dB	0°	104°	+36°	249°	+17°	4.6dB	364°K	400403 +208 Hz
2022-06-25	Saturday	02:00	111°	+41°	0 dB	0°	111°	+41°	256°	+17°	4.6dB	363°K	400466 +185 Hz
2022-06-25	Saturday	02:30	118°	+46°	0 dB	0°	118°	+46°	263°	+17°	4.6dB	363°K	400529 +158 Hz
2022-06-25	Saturday	03:00	126°	+50°	0 dB	0°	126°	+50°	271°	+18°	4.6dB	362°K	400591 +128 Hz
2022-06-25	Saturday	03:30	136°	+54°	0 dB	0°	136°	+54°	278°	+18°	4.6dB	361°K	400653 +95 Hz
2022-06-25	Saturday	04:00	147°	+58°	0 dB	0°	147°	+58°	285°	+18°	4.6dB	361°K	400715 +60 Hz
2022-06-25	Saturday	04:30	160°	+60°	0 dB	0°	160°	+60°	293°	+18°	4.6dB	360°K	400776 +24 Hz
2022-06-25	Saturday	05:00	174°	+61°	0 dB	0°	174°	+61°	300°	+18°	4.6dB	359°K	400837 -14 Hz
2022-06-25	Saturday	05:30	188°	+61°	0 dB	0°	188°	+61°	307°	+18°	4.6dB	358°K	400898 -51 Hz
2022-06-25	Saturday	06:00	202°	+60°	0 dB	0°	202°	+60°	314°	+18°	4.6dB	358°K	400958 -88 Hz
2022-06-25	Saturday	06:30	215°	+58°	0 dB	0°	215°	+58°	322°	+18°	4.6dB	357°K	401018 -124 Hz
2022-06-25	Saturday	07:00	226°	+54°	0 dB	0°	226°	+54°	329°	+18°	4.5dB	356°K	401078 -159 Hz
2022-06-25	Saturday	07:30	236°	+50°	0 dB	0°	236°	+50°	336°	+18°	4.6dB	356°K	401137 -191 Hz
2022-06-25	Saturday	08:00	244°	+46°	0 dB	0°	244°	+46°	343°	+18°	4.5dB	355°K	401196 -220 Hz
2022-06-25	Saturday	08:30	251°	+41°	0 dB	0°	251°	+41°	351°	+18°	4.5dB	354°K	401255 -246 Hz
2022-06-25	Saturday	09:00	258°	+37°	0 dB	0°	258°	+37°	358°	+19°	4.5dB	353°K	401313 -268 Hz
2022-06-25	Saturday	09:30	264°	+32°	0 dB	0°	264°	+32°	5°	+19°	4.5dB	353°K	401371 -286 Hz
2022-06-25	Saturday	10:00	269°	+27°	0 dB	0°	269°	+27°	13°	+19°	4.5dB	352°K	401428 -300 Hz
2022-06-25	Saturday	10:30	274°	+22°	0 dB	0°	274°	+22°	20°	+19°	4.5dB	351°K	401486 -309 Hz
2022-06-25	Saturday	11:00	279°	+17°	0 dB	0°	279°	+17°	27°	+19°	4.5dB	351°K	401543 -313 Hz
2022-06-25	Saturday	11:30	284°	+12°	0 dB	0°	284°	+12°	34°	+19°	4.5dB	350°K	401599 -313 Hz
2022-06-25	Saturday	12:00	289°	+7°	0 dB	0°	289°	+7°	42°	+19°	4.5dB	349°K	401655 -308 Hz
2022-06-25	Saturday	12:30	295°	+2°	0 dB	0°	295°	+2°	49°	+19°	4.5dB	348°K	401711 -299 Hz
2022-06-25	Saturday	22:30	062°	+2°	0 dB	0°	062°	+2°	194°	+21°	4.7dB	361°K	402759 +243 Hz
2022-06-25	Saturday	23:00	067°	+6°	0 dB	0°	067°	+6°	202°	+21°	4.7dB	362°K	402808 +253 Hz



Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-25	Saturday	23:30	072°	+11°	0 dB	0°	072°	+11°	209°	+21°	4.7dB	363°K	402857 +259 Hz
2022-06-26	Sunday	00:00	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	4.7dB	364°K	402905 +261 Hz
2022-06-26	Sunday	00:30	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	4.7dB	364°K	402953 +257 Hz
2022-06-26	Sunday	01:00	087°	+26°	0 dB	0°	087°	+26°	231°	+21°	4.7dB	365°K	403000 +250 Hz
2022-06-26	Sunday	01:30	092°	+31°	0 dB	0°	092°	+31°	238°	+21°	4.7dB	366°K	403048 +237 Hz
2022-06-26	Sunday	02:00	098°	+37°	0 dB	0°	098°	+37°	245°	+21°	4.8dB	367°K	403095 +221 Hz
2022-06-26	Sunday	02:30	103°	+42°	0 dB	0°	103°	+42°	252°	+21°	4.8dB	367°K	403141 +200 Hz
2022-06-26	Sunday	03:00	110°	+47°	0 dB	0°	110°	+47°	260°	+21°	4.8dB	368°K	403187 +176 Hz
2022-06-26	Sunday	03:30	118°	+51°	0 dB	0°	118°	+51°	267°	+21°	4.8dB	369°K	403233 +148 Hz
2022-06-26	Sunday	04:00	126°	+56°	0 dB	0°	126°	+56°	274°	+22°	4.8dB	370°K	403279 +118 Hz
2022-06-26	Sunday	04:30	137°	+60°	0 dB	0°	137°	+60°	281°	+22°	4.8dB	371°K	403324 +85 Hz
2022-06-26	Sunday	05:00	150°	+63°	0 dB	0°	150°	+63°	289°	+22°	4.8dB	372°K	403369 +50 Hz
2022-06-26	Sunday	05:30	164°	+65°	0 dB	0°	164°	+65°	296°	+22°	4.8dB	373°K	403414 +14 Hz
2022-06-26	Sunday	06:00	181°	+65°	0 dB	0°	181°	+65°	303°	+22°	4.8dB	374°K	403458 -23 Hz
2022-06-26	Sunday	06:30	197°	+65°	0 dB	0°	197°	+65°	310°	+22°	4.8dB	375°K	403502 -59 Hz
2022-06-26	Sunday	07:00	212°	+63°	0 dB	0°	212°	+63°	318°	+22°	4.9dB	376°K	403546 -95 Hz
2022-06-26	Sunday	07:30	224°	+60°	0 dB	0°	224°	+60°	325°	+22°	4.9dB	377°K	403589 -130 Hz
2022-06-26	Sunday	08:00	235°	+56°	0 dB	0°	235°	+56°	332°	+22°	4.9dB	378°K	403632 -162 Hz
2022-06-26	Sunday	08:30	244°	+51°	0 dB	0°	244°	+51°	340°	+22°	4.9dB	379°K	403675 -192 Hz
2022-06-26	Sunday	09:00	251°	+47°	0 dB	0°	251°	+47°	347°	+22°	4.9dB	380°K	403717 -219 Hz
2022-06-26	Sunday	09:30	258°	+42°	0 dB	0°	258°	+42°	354°	+22°	4.9dB	381°K	403759 -243 Hz
2022-06-26	Sunday	10:00	264°	+37°	0 dB	0°	264°	+37°	1°	+22°	4.9dB	382°K	403801 -263 Hz
2022-06-26	Sunday	10:30	269°	+32°	0 dB	0°	269°	+32°	9°	+22°	4.9dB	383°K	403842 -278 Hz
2022-06-26	Sunday	11:00	275°	+27°	0 dB	0°	275°	+27°	16°	+23°	5.0dB	384°K	403883 -290 Hz
2022-06-26	Sunday	11:30	280°	+22°	0 dB	0°	280°	+22°	23°	+23°	5.0dB	385°K	403924 -297 Hz
2022-06-26	Sunday	12:00	284°	+17°	0 dB	0°	284°	+17°	30°	+23°	5.0dB	386°K	403964 -299 Hz
2022-06-26	Sunday	12:30	289°	+12°	0 dB	0°	289°	+12°	38°	+23°	5.0dB	388°K	404004 -297 Hz
2022-06-26	Sunday	13:00	294°	+8°	0 dB	0°	294°	+8°	45°	+23°	5.0dB	389°K	404044 -291 Hz
2022-06-26	Sunday	13:30	299°	+3°	0 dB	0°	299°	+3°	52°	+23°	5.0dB	390°K	404084 -280 Hz
2022-06-26	Sunday	23:00	057°	+2°	0 dB	0°	057°	+2°	190°	+24°	5.2dB	411°K	404772 +237 Hz
2022-06-26	Sunday	23:30	062°	+6°	0 dB	0°	062°	+6°	197°	+24°	5.3dB	413°K	404805 +250 Hz
2022-06-27	Monday	00:00	067°	+11°	0 dB	0°	067°	+11°	205°	+24°	5.3dB	414°K	404838 +258 Hz
2022-06-27	Monday	00:30	072°	+15°	0 dB	0°	072°	+15°	212°	+24°	5.3dB	415°K	404871 +262 Hz
2022-06-27	Monday	01:00	077°	+20°	0 dB	0°	077°	+20°	219°	+24°	5.3dB	416°K	404903 +261 Hz
2022-06-27	Monday	01:30	081°	+25°	0 dB	0°	081°	+25°	226°	+24°	5.3dB	418°K	404935 +256 Hz
2022-06-27	Monday	02:00	086°	+30°	0 dB	0°	086°	+30°	234°	+24°	5.3dB	419°K	404966 +247 Hz
2022-06-27	Monday	02:30	091°	+36°	0 dB	0°	091°	+36°	241°	+24°	5.3dB	420°K	404997 +233 Hz
2022-06-27	Monday	03:00	097°	+41°	0 dB	0°	097°	+41°	248°	+24°	5.4dB	421°K	405028 +215 Hz
2022-06-27	Monday	03:30	103°	+46°	0 dB	0°	103°	+46°	255°	+24°	5.4dB	422°K	405059 +194 Hz
2022-06-27	Monday	04:00	110°	+51°	0 dB	0°	110°	+51°	263°	+24°	5.4dB	424°K	405089 +169 Hz
2022-06-27	Monday	04:30	118°	+55°	0 dB	0°	118°	+55°	270°	+25°	5.4dB	425°K	405119 +140 Hz
2022-06-27	Monday	05:00	127°	+60°	0 dB	0°	127°	+60°	277°	+25°	5.4dB	426°K	405149 +109 Hz
2022-06-27	Monday	05:30	139°	+63°	0 dB	0°	139°	+63°	284°	+25°	5.4dB	427°K	405178 +76 Hz
2022-06-27	Monday	06:00	153°	+66°	0 dB	0°	153°	+66°	292°	+25°	5.4dB	429°K	405207 +42 Hz
2022-06-27	Monday	06:30	170°	+68°	0 dB	0°	170°	+68°	299°	+25°	5.4dB	430°K	405236 +6 Hz
2022-06-27	Monday	07:00	188°	+68°	0 dB	0°	188°	+68°	306°	+25°	5.5dB	431°K	405264 -29 Hz
2022-06-27	Monday	07:30	205°	+67°	0 dB	0°	205°	+67°	313°	+25°	5.5dB	432°K	405292 -65 Hz
2022-06-27	Monday	08:00	220°	+64°	0 dB	0°	220°	+64°	321°	+25°	5.5dB	434°K	405320 -99 Hz
2022-06-27	Monday	08:30	232°	+61°	0 dB	0°	232°	+61°	328°	+25°	5.5dB	435°K	405348 -132 Hz
2022-06-27	Monday	09:00	242°	+56°	0 dB	0°	242°	+56°	335°	+25°	5.5dB	438°K	405375 -163 Hz
2022-06-27	Monday	09:30	250°	+52°	0 dB	0°	250°	+52°	342°	+25°	5.5dB	440°K	405402 -192 Hz
2022-06-27	Monday	10:00	257°	+47°	0 dB	0°	257°	+47°	350°	+25°	5.6dB	442°K	405428 -217 Hz
2022-06-27	Monday	10:30	263°	+42°	0 dB	0°	263°	+42°	357°	+25°	5.6dB	445°K	405454 -239 Hz
2022-06-27	Monday	11:00	269°	+37°	0 dB	0°	269°	+37°	4°	+25°	5.6dB	447°K	405480 -257 Hz
2022-06-27	Monday	11:30	274°	+32°	0 dB	0°	274°	+32°	11°	+25°	5.6dB	449°K	405506 -270 Hz
2022-06-27	Monday	12:00	279°	+27°	0 dB	0°	279°	+27°	19°	+25°	5.6dB	452°K	405531 -280 Hz
2022-06-27	Monday	12:30	283°	+22°	0 dB	0°	283°	+22°	26°	+25°	5.7dB	454°K	405556 -285 Hz
2022-06-27	Monday	13:00	288°	+17°	0 dB	0°	288°	+17°	33°	+25°	5.7dB	456°K	405581 -286 Hz
2022-06-27	Monday	13:30	293°	+12°	0 dB	0°	293°	+12°	40°	+25°	5.7dB	459°K	405606 -282 Hz
2022-06-27	Monday	14:00	298°	+8°	0 dB	0°	298°	+8°	48°	+25°	5.7dB	461°K	405630 -274 Hz
2022-06-27	Monday	14:30	303°	+3°	0 dB	0°	303°	+3°	55°	+25°	5.7dB	463°K	405653 -262 Hz
2022-06-27	Monday	23:30	053°	+1°	0 dB	0°	053°	+1°	185°	+26°	6.1dB	500°K	406030 +230 Hz
2022-06-28	Tuesday	00:00	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	6.1dB	500°K	406048 +245 Hz
2022-06-28	Tuesday	00:30	063°	+9°	0 dB	0°	063°	+9°	200°	+26°	6.1dB	500°K	406066 +256 Hz
2022-06-28	Tuesday	01:00	067°	+14°	0 dB	0°	067°	+14°	207°	+26°	6.1dB	500°K	406083 +262 Hz
2022-06-28	Tuesday	01:30	072°	+19°	0 dB	0°	072°	+19°	214°	+26°	6.1dB	500°K	406100 +265 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-06-28	Tuesday	02:00	077°	+23°	0 dB	0°	077°	+23°	222°	+26°	6.1dB	500°K	406117 +263 Hz
2022-06-28	Tuesday	02:30	081°	+28°	0 dB	0°	081°	+28°	229°	+26°	6.1dB	500°K	406134 +256 Hz
2022-06-28	Tuesday	03:00	086°	+33°	0 dB	0°	086°	+33°	236°	+26°	6.1dB	500°K	406150 +246 Hz
2022-06-28	Tuesday	03:30	091°	+39°	0 dB	0°	091°	+39°	243°	+26°	6.1dB	500°K	406166 +231 Hz
2022-06-28	Tuesday	04:00	097°	+44°	0 dB	0°	097°	+44°	251°	+26°	6.1dB	500°K	406182 +212 Hz
2022-06-28	Tuesday	04:30	103°	+49°	0 dB	0°	103°	+49°	258°	+26°	6.1dB	500°K	406197 +190 Hz
2022-06-28	Tuesday	05:00	110°	+54°	0 dB	0°	110°	+54°	265°	+26°	6.1dB	500°K	406212 +164 Hz
2022-06-28	Tuesday	05:30	118°	+58°	0 dB	0°	118°	+58°	272°	+26°	6.1dB	500°K	406227 +135 Hz
2022-06-28	Tuesday	06:00	128°	+63°	0 dB	0°	128°	+63°	280°	+26°	6.1dB	500°K	406241 +104 Hz
2022-06-28	Tuesday	06:30	141°	+66°	0 dB	0°	141°	+66°	287°	+26°	6.1dB	500°K	406256 +71 Hz
2022-06-28	Tuesday	07:00	157°	+69°	0 dB	0°	157°	+69°	294°	+26°	6.1dB	500°K	406270 +37 Hz
2022-06-28	Tuesday	07:30	175°	+70°	0 dB	0°	175°	+70°	301°	+26°	6.1dB	500°K	406283 +2 Hz
2022-06-28	Tuesday	08:00	195°	+70°	0 dB	0°	195°	+70°	309°	+26°	6.1dB	500°K	406296 -34 Hz
2022-06-28	Tuesday	08:30	212°	+68°	0 dB	0°	212°	+68°	316°	+26°	6.1dB	500°K	406309 -68 Hz
2022-06-28	Tuesday	09:00	226°	+64°	0 dB	0°	226°	+64°	323°	+27°	6.1dB	500°K	406322 -102 Hz
2022-06-28	Tuesday	09:30	237°	+60°	0 dB	0°	237°	+60°	330°	+27°	6.1dB	500°K	406334 -134 Hz
2022-06-28	Tuesday	10:00	247°	+56°	0 dB	0°	247°	+56°	338°	+27°	6.1dB	500°K	406347 -164 Hz
2022-06-28	Tuesday	10:30	254°	+51°	0 dB	0°	254°	+51°	345°	+27°	6.1dB	500°K	406358 -191 Hz
2022-06-28	Tuesday	11:00	261°	+46°	0 dB	0°	261°	+46°	352°	+27°	6.1dB	SUN!	406370 -214 Hz
2022-06-28	Tuesday	11:30	266°	+41°	0 dB	0°	266°	+41°	359°	+27°	6.1dB	SUN!	406381 -235 Hz
2022-06-28	Tuesday	12:00	272°	+36°	0 dB	0°	272°	+36°	7°	+27°	6.1dB	SUN!	406392 -251 Hz
2022-06-28	Tuesday	12:30	277°	+31°	0 dB	0°	277°	+31°	14°	+27°	6.0dB	SUN!	406403 -264 Hz
2022-06-28	Tuesday	13:00	282°	+26°	0 dB	0°	282°	+26°	21°	+27°	6.0dB	SUN!	406413 -272 Hz
2022-06-28	Tuesday	13:30	286°	+21°	0 dB	0°	286°	+21°	28°	+27°	6.0dB	SUN!	406423 -276 Hz
2022-06-28	Tuesday	14:00	291°	+16°	0 dB	0°	291°	+16°	35°	+27°	6.0dB	SUN!	406433 -275 Hz
2022-06-28	Tuesday	14:30	296°	+12°	0 dB	0°	296°	+12°	43°	+27°	5.9dB	SUN!	406442 -270 Hz
2022-06-28	Tuesday	15:00	300°	+7°	0 dB	0°	300°	+7°	50°	+27°	5.9dB	SUN!	406451 -261 Hz
2022-06-28	Tuesday	15:30	305°	+3°	0 dB	0°	305°	+3°	57°	+27°	5.9dB	SUN!	406460 -248 Hz
2022-06-29	Wednesday	00:30	054°	+3°	0 dB	0°	054°	+3°	188°	+27°	5.4dB	SUN!	406568 +240 Hz
2022-06-29	Wednesday	01:00	059°	+7°	0 dB	0°	059°	+7°	195°	+27°	5.4dB	SUN!	406572 +253 Hz
2022-06-29	Wednesday	01:30	064°	+11°	0 dB	0°	064°	+11°	202°	+27°	5.3dB	SUN!	406574 +263 Hz
2022-06-29	Wednesday	02:00	068°	+16°	0 dB	0°	068°	+16°	209°	+27°	5.3dB	SUN!	406577 +268 Hz
2022-06-29	Wednesday	02:30	073°	+21°	0 dB	0°	073°	+21°	217°	+27°	5.3dB	SUN!	406579 +270 Hz
2022-06-29	Wednesday	03:00	078°	+25°	0 dB	0°	078°	+25°	224°	+27°	5.3dB	SUN!	406581 +266 Hz
2022-06-29	Wednesday	03:30	082°	+30°	0 dB	0°	082°	+30°	231°	+27°	5.3dB	SUN!	406583 +259 Hz
2022-06-29	Wednesday	04:00	087°	+35°	0 dB	0°	087°	+35°	238°	+27°	5.3dB	SUN!	406585 +247 Hz
2022-06-29	Wednesday	04:30	092°	+41°	0 dB	0°	092°	+41°	246°	+27°	5.3dB	SUN!	406586 +231 Hz
2022-06-29	Wednesday	05:00	098°	+46°	0 dB	0°	098°	+46°	253°	+27°	5.2dB	SUN!	406587 +211 Hz
2022-06-29	Wednesday	05:30	104°	+51°	0 dB	0°	104°	+51°	260°	+27°	5.2dB	SUN!	406587 +188 Hz
2022-06-29	Wednesday	06:00	112°	+55°	0 dB	0°	112°	+55°	267°	+27°	5.2dB	SUN!	406587 +162 Hz
2022-06-29	Wednesday	06:30	120°	+60°	0 dB	0°	120°	+60°	275°	+27°	5.2dB	SUN!	406587 +132 Hz
2022-06-29	Wednesday	07:00	131°	+64°	0 dB	0°	131°	+64°	282°	+27°	5.2dB	SUN!	406587 +101 Hz
2022-06-29	Wednesday	07:30	145°	+68°	0 dB	0°	145°	+68°	289°	+27°	5.2dB	SUN!	406586 +67 Hz
2022-06-29	Wednesday	08:00	162°	+70°	0 dB	0°	162°	+70°	296°	+27°	5.1dB	SUN!	406586 +33 Hz
2022-06-29	Wednesday	08:30	181°	+71°	0 dB	0°	181°	+71°	304°	+27°	5.1dB	SUN!	406584 -2 Hz
2022-06-29	Wednesday	09:00	201°	+70°	0 dB	0°	201°	+70°	311°	+27°	5.1dB	SUN!	406583 -37 Hz
2022-06-29	Wednesday	09:30	217°	+67°	0 dB	0°	217°	+67°	318°	+27°	5.1dB	SUN!	406581 -71 Hz
2022-06-29	Wednesday	10:00	230°	+64°	0 dB	0°	230°	+64°	325°	+27°	5.1dB	SUN!	406579 -104 Hz
2022-06-29	Wednesday	10:30	241°	+59°	0 dB	0°	241°	+59°	333°	+27°	5.1dB	SUN!	406577 -136 Hz
2022-06-29	Wednesday	11:00	249°	+55°	0 dB	0°	249°	+55°	340°	+27°	5.0dB	SUN!	406574 -165 Hz
2022-06-29	Wednesday	11:30	257°	+50°	0 dB	0°	257°	+50°	347°	+27°	5.0dB	SUN!	406571 -191 Hz
2022-06-29	Wednesday	12:00	263°	+45°	0 dB	0°	263°	+45°	354°	+27°	5.0dB	SUN!	406568 -214 Hz
2022-06-29	Wednesday	12:30	268°	+40°	0 dB	0°	268°	+40°	2°	+27°	5.0dB	SUN!	406564 -233 Hz
2022-06-29	Wednesday	13:00	273°	+35°	0 dB	0°	273°	+35°	9°	+27°	5.0dB	SUN!	406560 -248 Hz
2022-06-29	Wednesday	13:30	278°	+30°	0 dB	0°	278°	+30°	16°	+27°	5.0dB	SUN!	406556 -259 Hz
2022-06-29	Wednesday	14:00	283°	+25°	0 dB	0°	283°	+25°	23°	+27°	5.0dB	SUN!	406551 -266 Hz
2022-06-29	Wednesday	14:30	288°	+20°	0 dB	0°	288°	+20°	30°	+27°	4.9dB	SUN!	406547 -269 Hz
2022-06-29	Wednesday	15:00	292°	+15°	0 dB	0°	292°	+15°	38°	+27°	4.9dB	SUN!	406541 -267 Hz
2022-06-29	Wednesday	15:30	297°	+10°	0 dB	0°	297°	+10°	45°	+27°	4.9dB	SUN!	406536 -261 Hz
2022-06-29	Wednesday	16:00	302°	+6°	0 dB	0°	302°	+6°	52°	+27°	4.9dB	SUN!	406530 -251 Hz
2022-06-29	Wednesday	16:30	307°	+2°	0 dB	0°	307°	+2°	59°	+27°	4.8dB	SUN!	406524 -237 Hz
2022-06-30	Thursday	01:30	056°	+3°	0 dB	0°	056°	+3°	190°	+26°	4.4dB	319°K	406366 +252 Hz
2022-06-30	Thursday	02:00	061°	+8°	0 dB	0°	061°	+8°	197°	+26°	4.3dB	317°K	406354 +265 Hz
2022-06-30	Thursday	02:30	065°	+12°	0 dB	0°	065°	+12°	204°	+26°	4.3dB	315°K	406342 +273 Hz
2022-06-30	Thursday	03:00	070°	+17°	0 dB	0°	070°	+17°	212°	+26°	4.3dB	312°K	406330 +277 Hz
2022-06-30	Thursday	03:30	075°	+22°	0 dB	0°	075°	+22°	219°	+26°	4.3dB	310°K	406317 +277 Hz

Moon Data for TODD GRI GSBY in Locator : N85L x on 144 MHz with TODD GRI GSBY in Locator : N85L x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-06-30	Thursday	04:00	080°	+27°	0 dB	0°	080°	+27°	226°	+26°	4.2dB	308°K	406304	+273 Hz
2022-06-30	Thursday	04:30	084°	+32°	0 dB	0°	084°	+32°	233°	+26°	4.2dB	305°K	406291	+264 Hz
2022-06-30	Thursday	05:00	089°	+37°	0 dB	0°	089°	+37°	241°	+26°	4.2dB	303°K	406278	+251 Hz
2022-06-30	Thursday	05:30	095°	+42°	0 dB	0°	095°	+42°	248°	+26°	4.1dB	300°K	406264	+234 Hz
2022-06-30	Thursday	06:00	101°	+47°	0 dB	0°	101°	+47°	255°	+26°	4.1dB	297°K	406250	+213 Hz
2022-06-30	Thursday	06:30	107°	+52°	0 dB	0°	107°	+52°	262°	+26°	4.1dB	294°K	406235	+189 Hz
2022-06-30	Thursday	07:00	115°	+56°	0 dB	0°	115°	+56°	270°	+26°	4.0dB	291°K	406221	+161 Hz
2022-06-30	Thursday	07:30	125°	+61°	0 dB	0°	125°	+61°	277°	+26°	4.0dB	288°K	406206	+131 Hz
2022-06-30	Thursday	08:00	136°	+65°	0 dB	0°	136°	+65°	284°	+26°	4.0dB	285°K	406190	+98 Hz
2022-06-30	Thursday	08:30	151°	+68°	0 dB	0°	151°	+68°	291°	+26°	3.9dB	283°K	406175	+64 Hz
2022-06-30	Thursday	09:00	169°	+69°	0 dB	0°	169°	+69°	299°	+26°	3.9dB	280°K	406159	+30 Hz
2022-06-30	Thursday	09:30	187°	+70°	0 dB	0°	187°	+70°	306°	+26°	3.9dB	277°K	406142	-6 Hz
2022-06-30	Thursday	10:00	205°	+68°	0 dB	0°	205°	+68°	313°	+26°	3.8dB	274°K	406126	-41 Hz
2022-06-30	Thursday	10:30	220°	+65°	0 dB	0°	220°	+65°	320°	+26°	3.8dB	271°K	406109	-75 Hz
2022-06-30	Thursday	11:00	233°	+62°	0 dB	0°	233°	+62°	328°	+26°	3.7dB	268°K	406092	-108 Hz
2022-06-30	Thursday	11:30	243°	+57°	0 dB	0°	243°	+57°	335°	+26°	3.7dB	266°K	406074	-139 Hz
2022-06-30	Thursday	12:00	251°	+52°	0 dB	0°	251°	+52°	342°	+26°	3.7dB	263°K	406057	-168 Hz
2022-06-30	Thursday	12:30	257°	+48°	0 dB	0°	257°	+48°	349°	+26°	3.6dB	260°K	406038	-193 Hz
2022-06-30	Thursday	13:00	263°	+42°	0 dB	0°	263°	+42°	357°	+26°	3.6dB	257°K	406020	-215 Hz
2022-06-30	Thursday	13:30	269°	+37°	0 dB	0°	269°	+37°	4°	+26°	3.5dB	254°K	406001	-233 Hz
2022-06-30	Thursday	14:00	274°	+32°	0 dB	0°	274°	+32°	11°	+26°	3.5dB	251°K	405982	-248 Hz
2022-06-30	Thursday	14:30	279°	+27°	0 dB	0°	279°	+27°	18°	+26°	3.5dB	249°K	405963	-258 Hz
2022-06-30	Thursday	15:00	284°	+22°	0 dB	0°	284°	+22°	26°	+26°	3.4dB	246°K	405943	-263 Hz
2022-06-30	Thursday	15:30	288°	+17°	0 dB	0°	288°	+17°	33°	+26°	3.4dB	243°K	405923	-265 Hz
2022-06-30	Thursday	16:00	293°	+13°	0 dB	0°	293°	+13°	40°	+26°	3.3dB	240°K	405903	-261 Hz
2022-06-30	Thursday	16:30	298°	+8°	0 dB	0°	298°	+8°	47°	+25°	3.3dB	237°K	405883	-254 Hz
2022-06-30	Thursday	17:00	303°	+4°	0 dB	0°	303°	+4°	55°	+25°	3.2dB	234°K	405862	-243 Hz
2022-07-01	Fri day	02:30	059°	+4°	0 dB	0°	059°	+4°	192°	+25°	2.9dB	211°K	405405	+268 Hz
2022-07-01	Fri day	03:00	064°	+8°	0 dB	0°	064°	+8°	200°	+25°	2.9dB	210°K	405378	+279 Hz
2022-07-01	Fri day	03:30	068°	+12°	0 dB	0°	068°	+12°	207°	+25°	2.8dB	209°K	405350	+286 Hz
2022-07-01	Fri day	04:00	073°	+17°	0 dB	0°	073°	+17°	214°	+24°	2.8dB	208°K	405323	+289 Hz
2022-07-01	Fri day	04:30	078°	+22°	0 dB	0°	078°	+22°	221°	+24°	2.8dB	207°K	405294	+288 Hz
2022-07-01	Fri day	05:00	083°	+27°	0 dB	0°	083°	+27°	229°	+24°	2.8dB	206°K	405266	+282 Hz
2022-07-01	Fri day	05:30	088°	+32°	0 dB	0°	088°	+32°	236°	+24°	2.8dB	205°K	405237	+272 Hz
2022-07-01	Fri day	06:00	093°	+37°	0 dB	0°	093°	+37°	243°	+24°	2.8dB	204°K	405208	+257 Hz
2022-07-01	Fri day	06:30	099°	+42°	0 dB	0°	099°	+42°	250°	+24°	2.7dB	203°K	405179	+238 Hz
2022-07-01	Fri day	07:00	105°	+47°	0 dB	0°	105°	+47°	258°	+24°	2.7dB	203°K	405149	+216 Hz
2022-07-01	Fri day	07:30	112°	+52°	0 dB	0°	112°	+52°	265°	+24°	2.7dB	202°K	405119	+190 Hz
2022-07-01	Fri day	08:00	121°	+56°	0 dB	0°	121°	+56°	272°	+24°	2.7dB	201°K	405088	+161 Hz
2022-07-01	Fri day	08:30	131°	+61°	0 dB	0°	131°	+61°	279°	+24°	2.7dB	200°K	405058	+129 Hz
2022-07-01	Fri day	09:00	144°	+64°	0 dB	0°	144°	+64°	287°	+24°	2.7dB	199°K	405026	+96 Hz
2022-07-01	Fri day	09:30	159°	+66°	0 dB	0°	159°	+66°	294°	+24°	2.6dB	198°K	404995	+61 Hz
2022-07-01	Fri day	10:00	176°	+67°	0 dB	0°	176°	+67°	301°	+24°	2.6dB	197°K	404963	+25 Hz
2022-07-01	Fri day	10:30	193°	+67°	0 dB	0°	193°	+67°	308°	+24°	2.6dB	196°K	404931	-11 Hz
2022-07-01	Fri day	11:00	209°	+65°	0 dB	0°	209°	+65°	316°	+24°	2.6dB	195°K	404899	-47 Hz
2022-07-01	Fri day	11:30	223°	+62°	0 dB	0°	223°	+62°	323°	+24°	2.6dB	194°K	404866	-81 Hz
2022-07-01	Fri day	12:00	234°	+58°	0 dB	0°	234°	+58°	330°	+24°	2.6dB	193°K	404833	-114 Hz
2022-07-01	Fri day	12:30	243°	+54°	0 dB	0°	243°	+54°	337°	+24°	2.5dB	192°K	404800	-145 Hz
2022-07-01	Fri day	13:00	251°	+49°	0 dB	0°	251°	+49°	345°	+24°	2.5dB	191°K	404766	-173 Hz
2022-07-01	Fri day	13:30	257°	+44°	0 dB	0°	257°	+44°	352°	+23°	2.5dB	191°K	404732	-198 Hz
2022-07-01	Fri day	14:00	263°	+39°	0 dB	0°	263°	+39°	359°	+23°	2.5dB	190°K	404698	-219 Hz
2022-07-01	Fri day	14:30	269°	+34°	0 dB	0°	269°	+34°	7°	+23°	2.5dB	189°K	404663	-236 Hz
2022-07-01	Fri day	15:00	274°	+29°	0 dB	0°	274°	+29°	14°	+23°	2.5dB	188°K	404628	-249 Hz
2022-07-01	Fri day	15:30	279°	+24°	0 dB	0°	279°	+24°	21°	+23°	2.4dB	187°K	404593	-258 Hz
2022-07-01	Fri day	16:00	283°	+19°	0 dB	0°	283°	+19°	28°	+23°	2.4dB	186°K	404557	-262 Hz
2022-07-01	Fri day	16:30	288°	+14°	0 dB	0°	288°	+14°	36°	+23°	2.4dB	185°K	404521	-262 Hz
2022-07-01	Fri day	17:00	293°	+9°	0 dB	0°	293°	+9°	43°	+23°	2.4dB	184°K	404485	-257 Hz
2022-07-01	Fri day	17:30	298°	+4°	0 dB	0°	298°	+4°	50°	+23°	2.4dB	183°K	404448	-248 Hz
2022-07-01	Fri day	18:00	303°	+0°	0 dB	0°	303°	+0°	57°	+23°	2.3dB	182°K	404411	-235 Hz
2022-07-02	Saturday	03:30	063°	+3°	0 dB	0°	063°	+3°	195°	+22°	2.2dB	176°K	403646	+286 Hz
2022-07-02	Saturday	04:00	068°	+8°	0 dB	0°	068°	+8°	203°	+22°	2.2dB	177°K	403602	+296 Hz
2022-07-02	Saturday	04:30	073°	+12°	0 dB	0°	073°	+12°	210°	+22°	2.2dB	177°K	403558	+302 Hz
2022-07-02	Saturday	05:00	077°	+17°	0 dB	0°	077°	+17°	217°	+21°	2.2dB	177°K	403513	+303 Hz
2022-07-02	Saturday	05:30	082°	+22°	0 dB	0°	082°	+22°	224°	+21°	2.2dB	177°K	403469	+300 Hz
2022-07-02	Saturday	06:00	087°	+27°	0 dB	0°	087°	+27°	232°	+21°	2.2dB	178°K	403424	+292 Hz
2022-07-02	Saturday	06:30	093°	+32°	0 dB	0°	093°	+32°	239°	+21°	2.2dB	178°K	403378	+280 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-02	Saturday	07:00	098°	+37°	0 dB	0°	098°	+37°	246°	+21°	2.2dB	178°K	403333 +263 Hz
2022-07-02	Saturday	07:30	105°	+42°	0 dB	0°	105°	+42°	253°	+21°	2.2dB	179°K	403287 +242 Hz
2022-07-02	Saturday	08:00	111°	+47°	0 dB	0°	111°	+47°	261°	+21°	2.2dB	179°K	403240 +218 Hz
2022-07-02	Saturday	08:30	119°	+51°	0 dB	0°	119°	+51°	268°	+21°	2.2dB	179°K	403193 +190 Hz
2022-07-02	Saturday	09:00	129°	+56°	0 dB	0°	129°	+56°	275°	+21°	2.3dB	180°K	403146 +159 Hz
2022-07-02	Saturday	09:30	139°	+59°	0 dB	0°	139°	+59°	282°	+21°	2.2dB	180°K	403099 +126 Hz
2022-07-02	Saturday	10:00	152°	+62°	0 dB	0°	152°	+62°	290°	+21°	2.2dB	180°K	403051 +91 Hz
2022-07-02	Saturday	10:30	167°	+64°	0 dB	0°	167°	+64°	297°	+21°	2.2dB	180°K	403003 +54 Hz
2022-07-02	Saturday	11:00	183°	+64°	0 dB	0°	183°	+64°	304°	+21°	2.3dB	181°K	402954 +17 Hz
2022-07-02	Saturday	11:30	198°	+63°	0 dB	0°	198°	+63°	312°	+20°	2.3dB	181°K	402906 -19 Hz
2022-07-02	Saturday	12:00	212°	+61°	0 dB	0°	212°	+61°	319°	+20°	2.3dB	181°K	402856 -56 Hz
2022-07-02	Saturday	12:30	224°	+58°	0 dB	0°	224°	+58°	326°	+20°	2.3dB	182°K	402807 -90 Hz
2022-07-02	Saturday	13:00	234°	+54°	0 dB	0°	234°	+54°	333°	+20°	2.3dB	182°K	402757 -123 Hz
2022-07-02	Saturday	13:30	243°	+49°	0 dB	0°	243°	+49°	341°	+20°	2.3dB	182°K	402707 -154 Hz
2022-07-02	Saturday	14:00	250°	+45°	0 dB	0°	250°	+45°	348°	+20°	2.3dB	182°K	402656 -181 Hz
2022-07-02	Saturday	14:30	257°	+40°	0 dB	0°	257°	+40°	355°	+20°	2.3dB	182°K	402605 -205 Hz
2022-07-02	Saturday	15:00	262°	+35°	0 dB	0°	262°	+35°	2°	+20°	2.3dB	183°K	402554 -225 Hz
2022-07-02	Saturday	15:30	268°	+29°	0 dB	0°	268°	+29°	10°	+20°	2.3dB	183°K	402502 -240 Hz
2022-07-02	Saturday	16:00	273°	+24°	0 dB	0°	273°	+24°	17°	+20°	2.3dB	183°K	402450 -252 Hz
2022-07-02	Saturday	16:30	278°	+19°	0 dB	0°	278°	+19°	24°	+20°	2.3dB	183°K	402398 -259 Hz
2022-07-02	Saturday	17:00	283°	+14°	0 dB	0°	283°	+14°	31°	+20°	2.3dB	183°K	402345 -261 Hz
2022-07-02	Saturday	17:30	288°	+9°	0 dB	0°	288°	+9°	39°	+20°	2.3dB	183°K	402292 -259 Hz
2022-07-02	Saturday	18:00	293°	+4°	0 dB	0°	293°	+4°	46°	+19°	2.3dB	184°K	402239 -252 Hz
2022-07-02	Saturday	18:30	298°	-0°	0 dB	0°	298°	-0°	53°	+19°	2.3dB	184°K	402185 -240 Hz
2022-07-03	Sunday	04:30	068°	+2°	0 dB	0°	068°	+2°	199°	+18°	2.3dB	187°K	401037 +306 Hz
2022-07-03	Sunday	05:00	073°	+7°	0 dB	0°	073°	+7°	206°	+18°	2.3dB	187°K	400976 +315 Hz
2022-07-03	Sunday	05:30	078°	+12°	0 dB	0°	078°	+12°	213°	+17°	2.3dB	187°K	400915 +318 Hz
2022-07-03	Sunday	06:00	083°	+17°	0 dB	0°	083°	+17°	221°	+17°	2.3dB	187°K	400853 +318 Hz
2022-07-03	Sunday	06:30	088°	+22°	0 dB	0°	088°	+22°	228°	+17°	2.3dB	188°K	400791 +312 Hz
2022-07-03	Sunday	07:00	093°	+27°	0 dB	0°	093°	+27°	235°	+17°	2.3dB	188°K	400728 +302 Hz
2022-07-03	Sunday	07:30	099°	+32°	0 dB	0°	099°	+32°	242°	+17°	2.3dB	188°K	400665 +287 Hz
2022-07-03	Sunday	08:00	105°	+37°	0 dB	0°	105°	+37°	250°	+17°	2.3dB	189°K	400602 +268 Hz
2022-07-03	Sunday	08:30	112°	+41°	0 dB	0°	112°	+41°	257°	+17°	2.3dB	189°K	400539 +245 Hz
2022-07-03	Sunday	09:00	119°	+46°	0 dB	0°	119°	+46°	264°	+17°	2.3dB	189°K	400475 +218 Hz
2022-07-03	Sunday	09:30	128°	+50°	0 dB	0°	128°	+50°	271°	+17°	2.3dB	189°K	400410 +188 Hz
2022-07-03	Sunday	10:00	137°	+54°	0 dB	0°	137°	+54°	279°	+17°	2.3dB	190°K	400346 +155 Hz
2022-07-03	Sunday	10:30	149°	+57°	0 dB	0°	149°	+57°	286°	+17°	2.3dB	190°K	400281 +120 Hz
2022-07-03	Sunday	11:00	161°	+59°	0 dB	0°	161°	+59°	293°	+16°	2.3dB	190°K	400215 +83 Hz
2022-07-03	Sunday	11:30	175°	+60°	0 dB	0°	175°	+60°	301°	+16°	2.3dB	191°K	400150 +45 Hz
2022-07-03	Sunday	12:00	189°	+60°	0 dB	0°	189°	+60°	308°	+16°	2.3dB	191°K	400083 +7 Hz
2022-07-03	Sunday	12:30	203°	+58°	0 dB	0°	203°	+58°	315°	+16°	2.3dB	191°K	400017 -30 Hz
2022-07-03	Sunday	13:00	215°	+56°	0 dB	0°	215°	+56°	322°	+16°	2.3dB	191°K	399950 -67 Hz
2022-07-03	Sunday	13:30	225°	+52°	0 dB	0°	225°	+52°	330°	+16°	2.3dB	192°K	399883 -102 Hz
2022-07-03	Sunday	14:00	234°	+48°	0 dB	0°	234°	+48°	337°	+16°	2.3dB	192°K	399816 -134 Hz
2022-07-03	Sunday	14:30	242°	+44°	0 dB	0°	242°	+44°	344°	+16°	2.3dB	192°K	399748 -164 Hz
2022-07-03	Sunday	15:00	249°	+39°	0 dB	0°	249°	+39°	351°	+16°	2.3dB	193°K	399679 -190 Hz
2022-07-03	Sunday	15:30	256°	+34°	0 dB	0°	256°	+34°	359°	+16°	2.3dB	193°K	399611 -212 Hz
2022-07-03	Sunday	16:00	262°	+29°	0 dB	0°	262°	+29°	6°	+16°	2.3dB	193°K	399542 -231 Hz
2022-07-03	Sunday	16:30	267°	+24°	0 dB	0°	267°	+24°	13°	+15°	2.3dB	193°K	399473 -245 Hz
2022-07-03	Sunday	17:00	272°	+19°	0 dB	0°	272°	+19°	21°	+15°	2.3dB	194°K	399403 -254 Hz
2022-07-03	Sunday	17:30	277°	+14°	0 dB	0°	277°	+14°	28°	+15°	2.3dB	194°K	399333 -258 Hz
2022-07-03	Sunday	18:00	282°	+8°	0 dB	0°	282°	+8°	35°	+15°	2.3dB	194°K	399262 -258 Hz
2022-07-03	Sunday	18:30	287°	+4°	0 dB	0°	287°	+4°	42°	+15°	2.3dB	194°K	399192 -253 Hz
2022-07-04	Monday	05:30	074°	+1°	0 dB	0°	074°	+1°	203°	+13°	2.4dB	201°K	397545 +326 Hz
2022-07-04	Monday	06:00	079°	+6°	0 dB	0°	079°	+6°	210°	+13°	2.4dB	201°K	397467 +332 Hz
2022-07-04	Monday	06:30	084°	+11°	0 dB	0°	084°	+11°	217°	+13°	2.4dB	201°K	397387 +333 Hz
2022-07-04	Monday	07:00	089°	+16°	0 dB	0°	089°	+16°	224°	+13°	2.4dB	201°K	397308 +330 Hz
2022-07-04	Monday	07:30	095°	+21°	0 dB	0°	095°	+21°	232°	+12°	2.4dB	202°K	397228 +322 Hz
2022-07-04	Monday	08:00	100°	+26°	0 dB	0°	100°	+26°	239°	+12°	2.4dB	202°K	397147 +309 Hz
2022-07-04	Monday	08:30	106°	+31°	0 dB	0°	106°	+31°	246°	+12°	2.4dB	202°K	397067 +291 Hz
2022-07-04	Monday	09:00	113°	+36°	0 dB	0°	113°	+36°	254°	+12°	2.4dB	203°K	396986 +269 Hz
2022-07-04	Monday	09:30	120°	+40°	0 dB	0°	120°	+40°	261°	+12°	2.4dB	203°K	396904 +243 Hz
2022-07-04	Monday	10:00	128°	+44°	0 dB	0°	128°	+44°	268°	+12°	2.4dB	203°K	396823 +214 Hz
2022-07-04	Monday	10:30	137°	+48°	0 dB	0°	137°	+48°	275°	+12°	2.4dB	203°K	396740 +182 Hz
2022-07-04	Monday	11:00	147°	+51°	0 dB	0°	147°	+51°	283°	+12°	2.4dB	204°K	396658 +147 Hz
2022-07-04	Monday	11:30	158°	+53°	0 dB	0°	158°	+53°	290°	+12°	2.4dB	204°K	396575 +110 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-04	Monday	12: 00	170°	+55°	0 dB	0°	170°	+55°	297°	+11°	2. 4dB	204°K	396492 +72 Hz
2022-07-04	Monday	12: 30	183°	+55°	0 dB	0°	183°	+55°	305°	+11°	2. 4dB	205°K	396409 +33 Hz
2022-07-04	Monday	13: 00	195°	+54°	0 dB	0°	195°	+54°	312°	+11°	2. 4dB	205°K	396325 -6 Hz
2022-07-04	Monday	13: 30	207°	+52°	0 dB	0°	207°	+52°	319°	+11°	2. 4dB	205°K	396241 -44 Hz
2022-07-04	Monday	14: 00	217°	+49°	0 dB	0°	217°	+49°	326°	+11°	2. 4dB	205°K	396156 -80 Hz
2022-07-04	Monday	14: 30	226°	+46°	0 dB	0°	226°	+46°	334°	+11°	2. 4dB	206°K	396071 -114 Hz
2022-07-04	Monday	15: 00	235°	+42°	0 dB	0°	235°	+42°	341°	+11°	2. 4dB	206°K	395986 -146 Hz
2022-07-04	Monday	15: 30	242°	+37°	0 dB	0°	242°	+37°	348°	+11°	2. 4dB	206°K	395900 -174 Hz
2022-07-04	Monday	16: 00	249°	+32°	0 dB	0°	249°	+32°	355°	+11°	2. 4dB	206°K	395815 -199 Hz
2022-07-04	Monday	16: 30	255°	+28°	0 dB	0°	255°	+28°	3°	+11°	2. 4dB	207°K	395728 -219 Hz
2022-07-04	Monday	17: 00	261°	+22°	0 dB	0°	261°	+22°	10°	+10°	2. 4dB	207°K	395642 -235 Hz
2022-07-04	Monday	17: 30	266°	+17°	0 dB	0°	266°	+17°	17°	+10°	2. 4dB	207°K	395555 -247 Hz
2022-07-04	Monday	18: 00	271°	+12°	0 dB	0°	271°	+12°	25°	+10°	2. 4dB	208°K	395468 -254 Hz
2022-07-04	Monday	18: 30	276°	+7°	0 dB	0°	276°	+7°	32°	+10°	2. 4dB	208°K	395380 -256 Hz
2022-07-04	Monday	19: 00	281°	+2°	0 dB	0°	281°	+2°	39°	+10°	2. 4dB	208°K	395292 -253 Hz
2022-07-05	Tuesday	06: 30	080°	+0°	0 dB	0°	080°	+0°	207°	+7°	2. 5dB	222°K	393176 +343 Hz
2022-07-05	Tuesday	07: 00	086°	+5°	0 dB	0°	086°	+5°	214°	+7°	2. 5dB	224°K	393080 +346 Hz
2022-07-05	Tuesday	07: 30	091°	+10°	0 dB	0°	091°	+10°	221°	+7°	2. 6dB	225°K	392984 +344 Hz
2022-07-05	Tuesday	08: 00	096°	+15°	0 dB	0°	096°	+15°	229°	+7°	2. 6dB	227°K	392887 +338 Hz
2022-07-05	Tuesday	08: 30	102°	+20°	0 dB	0°	102°	+20°	236°	+7°	2. 6dB	229°K	392790 +327 Hz
2022-07-05	Tuesday	09: 00	108°	+25°	0 dB	0°	108°	+25°	243°	+7°	2. 6dB	230°K	392693 +311 Hz
2022-07-05	Tuesday	09: 30	114°	+29°	0 dB	0°	114°	+29°	250°	+7°	2. 6dB	232°K	392595 +290 Hz
2022-07-05	Tuesday	10: 00	121°	+34°	0 dB	0°	121°	+34°	258°	+7°	2. 7dB	233°K	392498 +266 Hz
2022-07-05	Tuesday	10: 30	128°	+38°	0 dB	0°	128°	+38°	265°	+6°	2. 7dB	235°K	392399 +238 Hz
2022-07-05	Tuesday	11: 00	137°	+42°	0 dB	0°	137°	+42°	272°	+6°	2. 7dB	236°K	392301 +206 Hz
2022-07-05	Tuesday	11: 30	146°	+45°	0 dB	0°	146°	+45°	280°	+6°	2. 7dB	238°K	392202 +171 Hz
2022-07-05	Tuesday	12: 00	156°	+47°	0 dB	0°	156°	+47°	287°	+6°	2. 7dB	239°K	392103 +135 Hz
2022-07-05	Tuesday	12: 30	166°	+49°	0 dB	0°	166°	+49°	294°	+6°	2. 7dB	241°K	392004 +96 Hz
2022-07-05	Tuesday	13: 00	178°	+49°	0 dB	0°	178°	+49°	301°	+6°	2. 8dB	242°K	391904 +57 Hz
2022-07-05	Tuesday	13: 30	189°	+49°	0 dB	0°	189°	+49°	309°	+6°	2. 8dB	244°K	391804 +18 Hz
2022-07-05	Tuesday	14: 00	200°	+47°	0 dB	0°	200°	+47°	316°	+6°	2. 8dB	245°K	391703 -21 Hz
2022-07-05	Tuesday	14: 30	210°	+45°	0 dB	0°	210°	+45°	323°	+6°	2. 8dB	247°K	391603 -58 Hz
2022-07-05	Tuesday	15: 00	219°	+42°	0 dB	0°	219°	+42°	331°	+5°	2. 8dB	248°K	391502 -94 Hz
2022-07-05	Tuesday	15: 30	227°	+39°	0 dB	0°	227°	+39°	338°	+5°	2. 8dB	250°K	391400 -127 Hz
2022-07-05	Tuesday	16: 00	235°	+35°	0 dB	0°	235°	+35°	345°	+5°	2. 9dB	251°K	391299 -157 Hz
2022-07-05	Tuesday	16: 30	242°	+30°	0 dB	0°	242°	+30°	352°	+5°	2. 9dB	253°K	391197 -183 Hz
2022-07-05	Tuesday	17: 00	248°	+25°	0 dB	0°	248°	+25°	360°	+5°	2. 9dB	254°K	391095 -206 Hz
2022-07-05	Tuesday	17: 30	254°	+21°	0 dB	0°	254°	+21°	7°	+5°	2. 9dB	256°K	390992 -224 Hz
2022-07-05	Tuesday	18: 00	260°	+15°	0 dB	0°	260°	+15°	14°	+5°	2. 9dB	257°K	390890 -238 Hz
2022-07-05	Tuesday	18: 30	265°	+10°	0 dB	0°	265°	+10°	22°	+5°	2. 9dB	259°K	390786 -246 Hz
2022-07-05	Tuesday	19: 00	270°	+5°	0 dB	0°	270°	+5°	29°	+4°	3. 0dB	260°K	390683 -250 Hz
2022-07-05	Tuesday	19: 30	275°	+0°	0 dB	0°	275°	+0°	36°	+4°	3. 0dB	262°K	390579 -249 Hz
2022-07-06	Wednesday	08: 00	093°	+4°	0 dB	0°	093°	+4°	218°	+1°	3. 4dB	303°K	387897 +354 Hz
2022-07-06	Wednesday	08: 30	098°	+9°	0 dB	0°	098°	+9°	225°	+1°	3. 4dB	305°K	387786 +350 Hz
2022-07-06	Wednesday	09: 00	104°	+13°	0 dB	0°	104°	+13°	233°	+1°	3. 4dB	307°K	387675 +340 Hz
2022-07-06	Wednesday	09: 30	109°	+18°	0 dB	0°	109°	+18°	240°	+1°	3. 4dB	308°K	387564 +326 Hz
2022-07-06	Wednesday	10: 00	116°	+23°	0 dB	0°	116°	+23°	247°	+1°	3. 4dB	310°K	387453 +308 Hz
2022-07-06	Wednesday	10: 30	122°	+27°	0 dB	0°	122°	+27°	255°	+1°	3. 5dB	312°K	387341 +284 Hz
2022-07-06	Wednesday	11: 00	129°	+31°	0 dB	0°	129°	+31°	262°	+1°	3. 5dB	313°K	387229 +258 Hz
2022-07-06	Wednesday	11: 30	137°	+35°	0 dB	0°	137°	+35°	269°	+0°	3. 5dB	313°K	387117 +227 Hz
2022-07-06	Wednesday	12: 00	145°	+38°	0 dB	0°	145°	+38°	276°	+0°	3. 5dB	313°K	387004 +193 Hz
2022-07-06	Wednesday	12: 30	154°	+40°	0 dB	0°	154°	+40°	284°	+0°	3. 5dB	313°K	386892 +158 Hz
2022-07-06	Wednesday	13: 00	163°	+42°	0 dB	0°	163°	+42°	291°	+0°	3. 4dB	313°K	386779 +120 Hz
2022-07-06	Wednesday	13: 30	173°	+43°	0 dB	0°	173°	+43°	298°	+0°	3. 4dB	313°K	386666 +81 Hz
2022-07-06	Wednesday	14: 00	183°	+43°	0 dB	0°	183°	+43°	306°	-0°	3. 4dB	313°K	386552 +41 Hz
2022-07-06	Wednesday	14: 30	193°	+42°	0 dB	0°	193°	+42°	313°	-0°	3. 4dB	313°K	386439 +2 Hz
2022-07-06	Wednesday	15: 00	203°	+41°	0 dB	0°	203°	+41°	320°	-0°	3. 4dB	313°K	386325 -36 Hz
2022-07-06	Wednesday	15: 30	212°	+38°	0 dB	0°	212°	+38°	327°	-0°	3. 4dB	313°K	386211 -72 Hz
2022-07-06	Wednesday	16: 00	220°	+35°	0 dB	0°	220°	+35°	335°	-1°	3. 4dB	313°K	386097 -107 Hz
2022-07-06	Wednesday	16: 30	228°	+31°	0 dB	0°	228°	+31°	342°	-1°	3. 4dB	313°K	385982 -138 Hz
2022-07-06	Wednesday	17: 00	235°	+27°	0 dB	0°	235°	+27°	349°	-1°	3. 4dB	313°K	385868 -166 Hz
2022-07-06	Wednesday	17: 30	241°	+23°	0 dB	0°	241°	+23°	356°	-1°	3. 4dB	313°K	385753 -190 Hz
2022-07-06	Wednesday	18: 00	247°	+18°	0 dB	0°	247°	+18°	4°	-1°	3. 4dB	313°K	385638 -210 Hz
2022-07-06	Wednesday	18: 30	253°	+13°	0 dB	0°	253°	+13°	11°	-1°	3. 4dB	313°K	385522 -226 Hz
2022-07-06	Wednesday	19: 00	258°	+8°	0 dB	0°	258°	+8°	18°	-1°	3. 4dB	313°K	385407 -236 Hz
2022-07-06	Wednesday	19: 30	264°	+3°	0 dB	0°	264°	+3°	26°	-1°	3. 4dB	313°K	385291 -242 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-07	Thursday	09:00	100°	+2°	0 dB	0°	100°	+2°	222°	-5°	3.2dB	309°K	382099 +355 Hz
2022-07-07	Thursday	09:30	105°	+7°	0 dB	0°	105°	+7°	229°	-5°	3.2dB	309°K	381979 +348 Hz
2022-07-07	Thursday	10:00	111°	+11°	0 dB	0°	111°	+11°	237°	-5°	3.2dB	308°K	381858 +336 Hz
2022-07-07	Thursday	10:30	117°	+16°	0 dB	0°	117°	+16°	244°	-5°	3.2dB	308°K	381738 +319 Hz
2022-07-07	Thursday	11:00	123°	+20°	0 dB	0°	123°	+20°	251°	-5°	3.2dB	308°K	381617 +298 Hz
2022-07-07	Thursday	11:30	129°	+24°	0 dB	0°	129°	+24°	258°	-5°	3.1dB	307°K	381496 +273 Hz
2022-07-07	Thursday	12:00	137°	+28°	0 dB	0°	137°	+28°	266°	-6°	3.1dB	307°K	381375 +244 Hz
2022-07-07	Thursday	12:30	144°	+31°	0 dB	0°	144°	+31°	273°	-6°	3.1dB	307°K	381254 +212 Hz
2022-07-07	Thursday	13:00	152°	+34°	0 dB	0°	152°	+34°	280°	-6°	3.1dB	307°K	381133 +178 Hz
2022-07-07	Thursday	13:30	161°	+36°	0 dB	0°	161°	+36°	287°	-6°	3.1dB	306°K	381012 +141 Hz
2022-07-07	Thursday	14:00	170°	+37°	0 dB	0°	170°	+37°	295°	-6°	3.1dB	306°K	380890 +103 Hz
2022-07-07	Thursday	14:30	179°	+37°	0 dB	0°	179°	+37°	302°	-6°	3.1dB	306°K	380769 +64 Hz
2022-07-07	Thursday	15:00	188°	+37°	0 dB	0°	188°	+37°	309°	-6°	3.1dB	305°K	380647 +25 Hz
2022-07-07	Thursday	15:30	197°	+35°	0 dB	0°	197°	+35°	317°	-6°	3.1dB	305°K	380526 -13 Hz
2022-07-07	Thursday	16:00	205°	+34°	0 dB	0°	205°	+34°	324°	-7°	3.1dB	305°K	380404 -50 Hz
2022-07-07	Thursday	16:30	213°	+31°	0 dB	0°	213°	+31°	331°	-7°	3.1dB	305°K	380282 -85 Hz
2022-07-07	Thursday	17:00	221°	+28°	0 dB	0°	221°	+28°	338°	-7°	3.0dB	304°K	380160 -117 Hz
2022-07-07	Thursday	17:30	228°	+24°	0 dB	0°	228°	+24°	346°	-7°	3.0dB	304°K	380038 -147 Hz
2022-07-07	Thursday	18:00	234°	+20°	0 dB	0°	234°	+20°	353°	-7°	3.0dB	305°K	379916 -172 Hz
2022-07-07	Thursday	18:30	240°	+16°	0 dB	0°	240°	+16°	0°	-7°	3.0dB	306°K	379794 -194 Hz
2022-07-07	Thursday	19:00	246°	+11°	0 dB	0°	246°	+11°	7°	-7°	3.0dB	306°K	379671 -211 Hz
2022-07-07	Thursday	19:30	252°	+6°	0 dB	0°	252°	+6°	15°	-7°	3.0dB	307°K	379549 -224 Hz
2022-07-07	Thursday	20:00	257°	+1°	0 dB	0°	257°	+1°	22°	-7°	3.1dB	308°K	379427 -232 Hz
2022-07-08	Fri day	10:00	106°	-0°	0 dB	0°	106°	-0°	225°	-11°	3.2dB	331°K	375989 +348 Hz
2022-07-08	Fri day	10:30	112°	+4°	0 dB	0°	112°	+4°	233°	-11°	3.2dB	332°K	375866 +338 Hz
2022-07-08	Fri day	11:00	117°	+9°	0 dB	0°	117°	+9°	240°	-11°	3.2dB	333°K	375744 +324 Hz
2022-07-08	Fri day	11:30	123°	+13°	0 dB	0°	123°	+13°	247°	-11°	3.2dB	334°K	375621 +306 Hz
2022-07-08	Fri day	12:00	129°	+17°	0 dB	0°	129°	+17°	254°	-11°	3.2dB	336°K	375499 +284 Hz
2022-07-08	Fri day	12:30	136°	+21°	0 dB	0°	136°	+21°	262°	-11°	3.2dB	337°K	375376 +257 Hz
2022-07-08	Fri day	13:00	143°	+24°	0 dB	0°	143°	+24°	269°	-12°	3.2dB	338°K	375254 +228 Hz
2022-07-08	Fri day	13:30	150°	+27°	0 dB	0°	150°	+27°	276°	-12°	3.2dB	339°K	375132 +195 Hz
2022-07-08	Fri day	14:00	158°	+29°	0 dB	0°	158°	+29°	283°	-12°	3.2dB	340°K	375009 +160 Hz
2022-07-08	Fri day	14:30	166°	+30°	0 dB	0°	166°	+30°	291°	-12°	3.2dB	342°K	374887 +124 Hz
2022-07-08	Fri day	15:00	174°	+31°	0 dB	0°	174°	+31°	298°	-12°	3.2dB	343°K	374765 +86 Hz
2022-07-08	Fri day	15:30	182°	+31°	0 dB	0°	182°	+31°	305°	-12°	3.2dB	344°K	374643 +48 Hz
2022-07-08	Fri day	16:00	191°	+30°	0 dB	0°	191°	+30°	312°	-12°	3.2dB	345°K	374521 +10 Hz
2022-07-08	Fri day	16:30	199°	+29°	0 dB	0°	199°	+29°	320°	-12°	3.3dB	347°K	374399 -27 Hz
2022-07-08	Fri day	17:00	206°	+27°	0 dB	0°	206°	+27°	327°	-13°	3.3dB	348°K	374277 -62 Hz
2022-07-08	Fri day	17:30	214°	+24°	0 dB	0°	214°	+24°	334°	-13°	3.3dB	349°K	374156 -95 Hz
2022-07-08	Fri day	18:00	221°	+21°	0 dB	0°	221°	+21°	341°	-13°	3.3dB	350°K	374034 -125 Hz
2022-07-08	Fri day	18:30	227°	+17°	0 dB	0°	227°	+17°	349°	-13°	3.3dB	352°K	373913 -153 Hz
2022-07-08	Fri day	19:00	233°	+13°	0 dB	0°	233°	+13°	356°	-13°	3.3dB	353°K	373791 -176 Hz
2022-07-08	Fri day	19:30	239°	+9°	0 dB	0°	239°	+9°	3°	-13°	3.3dB	354°K	373670 -196 Hz
2022-07-08	Fri day	20:00	244°	+5°	0 dB	0°	244°	+5°	10°	-13°	3.3dB	355°K	373549 -211 Hz
2022-07-08	Fri day	20:30	250°	-0°	0 dB	0°	250°	-0°	18°	-13°	3.3dB	357°K	373428 -221 Hz
2022-07-09	Saturday	11:30	117°	+1°	0 dB	0°	117°	+1°	235°	-17°	3.5dB	391°K	369876 +322 Hz
2022-07-09	Saturday	12:00	123°	+6°	0 dB	0°	123°	+6°	242°	-17°	3.5dB	392°K	369761 +307 Hz
2022-07-09	Saturday	12:30	128°	+10°	0 dB	0°	128°	+10°	249°	-17°	3.5dB	393°K	369646 +288 Hz
2022-07-09	Saturday	13:00	134°	+13°	0 dB	0°	134°	+13°	257°	-17°	3.5dB	394°K	369532 +265 Hz
2022-07-09	Saturday	13:30	141°	+17°	0 dB	0°	141°	+17°	264°	-17°	3.5dB	395°K	369417 +239 Hz
2022-07-09	Saturday	14:00	147°	+19°	0 dB	0°	147°	+19°	271°	-17°	3.5dB	396°K	369303 +209 Hz
2022-07-09	Saturday	14:30	154°	+22°	0 dB	0°	154°	+22°	278°	-17°	3.5dB	397°K	369189 +177 Hz
2022-07-09	Saturday	15:00	162°	+24°	0 dB	0°	162°	+24°	285°	-17°	3.5dB	398°K	369076 +142 Hz
2022-07-09	Saturday	15:30	169°	+25°	0 dB	0°	169°	+25°	293°	-18°	3.5dB	399°K	368963 +107 Hz
2022-07-09	Saturday	16:00	177°	+25°	0 dB	0°	177°	+25°	300°	-18°	3.5dB	400°K	368850 +70 Hz
2022-07-09	Saturday	16:30	184°	+25°	0 dB	0°	184°	+25°	307°	-18°	3.5dB	401°K	368737 +33 Hz
2022-07-09	Saturday	17:00	192°	+24°	0 dB	0°	192°	+24°	314°	-18°	3.5dB	402°K	368625 -3 Hz
2022-07-09	Saturday	17:30	199°	+23°	0 dB	0°	199°	+23°	322°	-18°	3.5dB	403°K	368513 -38 Hz
2022-07-09	Saturday	18:00	206°	+21°	0 dB	0°	206°	+21°	329°	-18°	3.5dB	404°K	368401 -72 Hz
2022-07-09	Saturday	18:30	213°	+18°	0 dB	0°	213°	+18°	336°	-18°	3.6dB	405°K	368290 -103 Hz
2022-07-09	Saturday	19:00	220°	+15°	0 dB	0°	220°	+15°	343°	-18°	3.6dB	406°K	368179 -132 Hz
2022-07-09	Saturday	19:30	226°	+12°	0 dB	0°	226°	+12°	351°	-18°	3.6dB	407°K	368068 -157 Hz
2022-07-09	Saturday	20:00	232°	+8°	0 dB	0°	232°	+8°	358°	-19°	3.6dB	408°K	367958 -179 Hz
2022-07-09	Saturday	20:30	237°	+4°	0 dB	0°	237°	+4°	5°	-19°	3.6dB	409°K	367848 -196 Hz
2022-07-10	Sunday	13:00	126°	+2°	0 dB	0°	126°	+2°	243°	-22°	4.1dB	485°K	364429 +287 Hz
2022-07-10	Sunday	13:30	132°	+6°	0 dB	0°	132°	+6°	250°	-22°	4.1dB	490°K	364333 +268 Hz

## MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-10	Sunday	14:00	138°	+10°	0 dB	0°	138°	+10°	257°	-22°	4.1dB	496°K	364238 +245 Hz
2022-07-10	Sunday	14:30	144°	+13°	0 dB	0°	144°	+13°	265°	-22°	4.2dB	501°K	364142 +219 Hz
2022-07-10	Sunday	15:00	150°	+15°	0 dB	0°	150°	+15°	272°	-22°	4.2dB	507°K	364048 +190 Hz
2022-07-10	Sunday	15:30	157°	+18°	0 dB	0°	157°	+18°	279°	-22°	4.2dB	512°K	363953 +159 Hz
2022-07-10	Sunday	16:00	164°	+19°	0 dB	0°	164°	+19°	286°	-22°	4.3dB	518°K	363860 +126 Hz
2022-07-10	Sunday	16:30	171°	+20°	0 dB	0°	171°	+20°	293°	-22°	4.3dB	523°K	363766 +91 Hz
2022-07-10	Sunday	17:00	178°	+21°	0 dB	0°	178°	+21°	301°	-22°	4.4dB	529°K	363674 +56 Hz
2022-07-10	Sunday	17:30	185°	+20°	0 dB	0°	185°	+20°	308°	-22°	4.4dB	534°K	363582 +21 Hz
2022-07-10	Sunday	18:00	192°	+20°	0 dB	0°	192°	+20°	315°	-23°	4.4dB	540°K	363490 -14 Hz
2022-07-10	Sunday	18:30	199°	+18°	0 dB	0°	199°	+18°	322°	-23°	4.5dB	546°K	363399 -48 Hz
2022-07-10	Sunday	19:00	206°	+16°	0 dB	0°	206°	+16°	329°	-23°	4.5dB	551°K	363308 -80 Hz
2022-07-10	Sunday	19:30	212°	+14°	0 dB	0°	212°	+14°	337°	-23°	4.5dB	557°K	363218 -110 Hz
2022-07-10	Sunday	20:00	218°	+11°	0 dB	0°	218°	+11°	344°	-23°	4.6dB	562°K	363128 -137 Hz
2022-07-10	Sunday	20:30	224°	+7°	0 dB	0°	224°	+7°	351°	-23°	4.6dB	568°K	363039 -162 Hz
2022-07-10	Sunday	21:00	229°	+4°	0 dB	0°	229°	+4°	358°	-23°	4.6dB	574°K	362951 -182 Hz
2022-07-10	Sunday	21:30	235°	-0°	0 dB	0°	235°	-0°	5°	-23°	4.7dB	579°K	362863 -199 Hz
2022-07-11	Monday	14:30	134°	+3°	0 dB	0°	134°	+3°	250°	-25°	7.1dB	1079°K	360227 +248 Hz
2022-07-11	Monday	15:00	139°	+6°	0 dB	0°	139°	+6°	257°	-25°	7.2dB	1113°K	360161 +226 Hz
2022-07-11	Monday	15:30	145°	+9°	0 dB	0°	145°	+9°	264°	-25°	7.3dB	1146°K	360095 +201 Hz
2022-07-11	Monday	16:00	151°	+12°	0 dB	0°	151°	+12°	271°	-25°	7.4dB	1180°K	360031 +174 Hz
2022-07-11	Monday	16:30	157°	+14°	0 dB	0°	157°	+14°	279°	-25°	7.5dB	1214°K	359966 +143 Hz
2022-07-11	Monday	17:00	164°	+16°	0 dB	0°	164°	+16°	286°	-26°	7.6dB	1247°K	359903 +111 Hz
2022-07-11	Monday	17:30	170°	+17°	0 dB	0°	170°	+17°	293°	-26°	7.7dB	1281°K	359840 +78 Hz
2022-07-11	Monday	18:00	177°	+17°	0 dB	0°	177°	+17°	300°	-26°	7.9dB	1315°K	359778 +44 Hz
2022-07-11	Monday	18:30	184°	+17°	0 dB	0°	184°	+17°	307°	-26°	8.0dB	1349°K	359716 +10 Hz
2022-07-11	Monday	19:00	191°	+17°	0 dB	0°	191°	+17°	314°	-26°	8.1dB	1383°K	359655 -24 Hz
2022-07-11	Monday	19:30	197°	+15°	0 dB	0°	197°	+15°	322°	-26°	8.2dB	1417°K	359595 -57 Hz
2022-07-11	Monday	20:00	204°	+13°	0 dB	0°	204°	+13°	329°	-26°	8.3dB	1451°K	359536 -89 Hz
2022-07-11	Monday	20:30	210°	+11°	0 dB	0°	210°	+11°	336°	-26°	8.3dB	1485°K	359477 -118 Hz
2022-07-11	Monday	21:00	216°	+8°	0 dB	0°	216°	+8°	343°	-26°	8.4dB	1519°K	359419 -145 Hz
2022-07-11	Monday	21:30	222°	+5°	0 dB	0°	222°	+5°	350°	-26°	8.5dB	1553°K	359362 -169 Hz
2022-07-11	Monday	22:00	227°	+2°	0 dB	0°	227°	+2°	358°	-26°	8.6dB	1587°K	359306 -189 Hz
2022-07-12	Tuesday	15:30	133°	+1°	0 dB	0°	133°	+1°	248°	-27°	10.6dB	2562°K	357805 +230 Hz
2022-07-12	Tuesday	16:00	139°	+4°	0 dB	0°	139°	+4°	256°	-27°	10.5dB	2504°K	357777 +210 Hz
2022-07-12	Tuesday	16:30	144°	+7°	0 dB	0°	144°	+7°	263°	-27°	10.4dB	2447°K	357749 +186 Hz
2022-07-12	Tuesday	17:00	150°	+10°	0 dB	0°	150°	+10°	270°	-27°	10.3dB	2389°K	357722 +159 Hz
2022-07-12	Tuesday	17:30	156°	+12°	0 dB	0°	156°	+12°	277°	-27°	10.2dB	2331°K	357695 +130 Hz
2022-07-12	Tuesday	18:00	163°	+14°	0 dB	0°	163°	+14°	284°	-27°	10.0dB	2273°K	357670 +99 Hz
2022-07-12	Tuesday	18:30	169°	+15°	0 dB	0°	169°	+15°	291°	-27°	9.9dB	2216°K	357645 +66 Hz
2022-07-12	Tuesday	19:00	176°	+16°	0 dB	0°	176°	+16°	299°	-27°	9.8dB	2158°K	357621 +33 Hz
2022-07-12	Tuesday	19:30	183°	+16°	0 dB	0°	183°	+16°	306°	-27°	9.7dB	2100°K	357598 -1 Hz
2022-07-12	Tuesday	20:00	189°	+16°	0 dB	0°	189°	+16°	313°	-27°	9.6dB	2042°K	357576 -35 Hz
2022-07-12	Tuesday	20:30	196°	+14°	0 dB	0°	196°	+14°	320°	-27°	9.5dB	1984°K	357554 -67 Hz
2022-07-12	Tuesday	21:00	202°	+13°	0 dB	0°	202°	+13°	327°	-27°	9.3dB	1927°K	357534 -99 Hz
2022-07-12	Tuesday	21:30	208°	+11°	0 dB	0°	208°	+11°	334°	-27°	9.2dB	1869°K	357514 -129 Hz
2022-07-12	Tuesday	22:00	214°	+8°	0 dB	0°	214°	+8°	342°	-27°	9.1dB	1811°K	357495 -156 Hz
2022-07-12	Tuesday	22:30	220°	+5°	0 dB	0°	220°	+5°	349°	-27°	8.9dB	1753°K	357477 -180 Hz
2022-07-12	Tuesday	23:00	225°	+2°	0 dB	0°	225°	+2°	356°	-27°	8.8dB	1695°K	357460 -202 Hz
2022-07-13	Wednesday	16:30	132°	+1°	0 dB	0°	132°	+1°	247°	-26°	4.1dB	529°K	357381 +216 Hz
2022-07-13	Wednesday	17:00	137°	+4°	0 dB	0°	137°	+4°	254°	-26°	4.0dB	518°K	357394 +196 Hz
2022-07-13	Wednesday	17:30	143°	+7°	0 dB	0°	143°	+7°	261°	-26°	3.9dB	510°K	357408 +173 Hz
2022-07-13	Wednesday	18:00	149°	+10°	0 dB	0°	149°	+10°	268°	-26°	3.9dB	503°K	357423 +147 Hz
2022-07-13	Wednesday	18:30	155°	+13°	0 dB	0°	155°	+13°	275°	-26°	3.8dB	496°K	357438 +118 Hz
2022-07-13	Wednesday	19:00	161°	+15°	0 dB	0°	161°	+15°	283°	-26°	3.8dB	489°K	357454 +87 Hz
2022-07-13	Wednesday	19:30	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	3.7dB	482°K	357471 +55 Hz
2022-07-13	Wednesday	20:00	174°	+17°	0 dB	0°	174°	+17°	297°	-26°	3.6dB	475°K	357489 +21 Hz
2022-07-13	Wednesday	20:30	181°	+17°	0 dB	0°	181°	+17°	304°	-26°	3.6dB	468°K	357508 -13 Hz
2022-07-13	Wednesday	21:00	188°	+17°	0 dB	0°	188°	+17°	311°	-26°	3.5dB	461°K	357528 -47 Hz
2022-07-13	Wednesday	21:30	194°	+16°	0 dB	0°	194°	+16°	318°	-26°	3.5dB	453°K	357548 -80 Hz
2022-07-13	Wednesday	22:00	201°	+14°	0 dB	0°	201°	+14°	326°	-26°	3.4dB	446°K	357569 -113 Hz
2022-07-13	Wednesday	22:30	207°	+12°	0 dB	0°	207°	+12°	333°	-26°	3.3dB	439°K	357592 -143 Hz
2022-07-13	Wednesday	23:00	213°	+10°	0 dB	0°	213°	+10°	340°	-26°	3.3dB	432°K	357615 -172 Hz
2022-07-13	Wednesday	23:30	219°	+7°	0 dB	0°	219°	+7°	347°	-26°	3.2dB	425°K	357638 -197 Hz
2022-07-14	Thursday	00:00	225°	+4°	0 dB	0°	225°	+4°	354°	-26°	3.2dB	418°K	357663 -220 Hz
2022-07-14	Thursday	00:30	230°	-0°	0 dB	0°	230°	-0°	1°	-26°	3.1dB	411°K	357688 -239 Hz
2022-07-14	Thursday	17:30	129°	+2°	0 dB	0°	129°	+2°	246°	-24°	2.3dB	326°K	359038 +205 Hz

Moon Data for TODD GRI GSBY in Locator : N85L x on 144 MHz with TODD GRI GSBY in Locator : N85L x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-14	Thursday	18: 00	135°	+6°	0 dB	0°	135°	+6°	253°	-23°	2. 3dB	326°K	359091 +185 Hz
2022-07-14	Thursday	18: 30	140°	+9°	0 dB	0°	140°	+9°	260°	-23°	2. 3dB	326°K	359146 +162 Hz
2022-07-14	Thursday	19: 00	146°	+12°	0 dB	0°	146°	+12°	267°	-23°	2. 3dB	326°K	359201 +136 Hz
2022-07-14	Thursday	19: 30	153°	+15°	0 dB	0°	153°	+15°	274°	-23°	2. 3dB	326°K	359257 +107 Hz
2022-07-14	Thursday	20: 00	159°	+17°	0 dB	0°	159°	+17°	281°	-23°	2. 3dB	326°K	359313 +76 Hz
2022-07-14	Thursday	20: 30	166°	+19°	0 dB	0°	166°	+19°	289°	-23°	2. 3dB	326°K	359371 +42 Hz
2022-07-14	Thursday	21: 00	173°	+20°	0 dB	0°	173°	+20°	296°	-23°	2. 3dB	326°K	359429 +8 Hz
2022-07-14	Thursday	21: 30	180°	+20°	0 dB	0°	180°	+20°	303°	-23°	2. 3dB	326°K	359488 -27 Hz
2022-07-14	Thursday	22: 00	187°	+20°	0 dB	0°	187°	+20°	310°	-23°	2. 3dB	326°K	359548 -63 Hz
2022-07-14	Thursday	22: 30	194°	+19°	0 dB	0°	194°	+19°	317°	-23°	2. 3dB	326°K	359608 -97 Hz
2022-07-14	Thursday	23: 00	201°	+18°	0 dB	0°	201°	+18°	325°	-23°	2. 3dB	326°K	359669 -131 Hz
2022-07-14	Thursday	23: 30	208°	+16°	0 dB	0°	208°	+16°	332°	-23°	2. 3dB	326°K	359731 -163 Hz
2022-07-15	Fri day	00: 00	214°	+13°	0 dB	0°	214°	+13°	339°	-23°	2. 3dB	326°K	359794 -192 Hz
2022-07-15	Fri day	00: 30	220°	+10°	0 dB	0°	220°	+10°	346°	-22°	2. 3dB	326°K	359857 -219 Hz
2022-07-15	Fri day	01: 00	226°	+7°	0 dB	0°	226°	+7°	353°	-22°	2. 3dB	326°K	359921 -243 Hz
2022-07-15	Fri day	01: 30	232°	+3°	0 dB	0°	232°	+3°	1°	-22°	2. 3dB	326°K	359986 -263 Hz
2022-07-15	Fri day	18: 00	121°	+1°	0 dB	0°	121°	+1°	238°	-19°	2. 3dB	314°K	362515 +213 Hz
2022-07-15	Fri day	18: 30	127°	+6°	0 dB	0°	127°	+6°	245°	-19°	2. 3dB	313°K	362603 +197 Hz
2022-07-15	Fri day	19: 00	132°	+10°	0 dB	0°	132°	+10°	253°	-19°	2. 3dB	312°K	362691 +176 Hz
2022-07-15	Fri day	19: 30	138°	+13°	0 dB	0°	138°	+13°	260°	-19°	2. 3dB	311°K	362780 +152 Hz
2022-07-15	Fri day	20: 00	144°	+17°	0 dB	0°	144°	+17°	267°	-19°	2. 3dB	309°K	362870 +125 Hz
2022-07-15	Fri day	20: 30	151°	+19°	0 dB	0°	151°	+19°	274°	-19°	2. 3dB	308°K	362960 +95 Hz
2022-07-15	Fri day	21: 00	158°	+22°	0 dB	0°	158°	+22°	282°	-19°	2. 3dB	307°K	363051 +62 Hz
2022-07-15	Fri day	21: 30	165°	+23°	0 dB	0°	165°	+23°	289°	-19°	2. 3dB	306°K	363142 +28 Hz
2022-07-15	Fri day	22: 00	173°	+24°	0 dB	0°	173°	+24°	296°	-18°	2. 2dB	304°K	363234 -8 Hz
2022-07-15	Fri day	22: 30	180°	+25°	0 dB	0°	180°	+25°	303°	-18°	2. 2dB	303°K	363327 -45 Hz
2022-07-15	Fri day	23: 00	188°	+25°	0 dB	0°	188°	+25°	310°	-18°	2. 2dB	302°K	363420 -81 Hz
2022-07-15	Fri day	23: 30	195°	+24°	0 dB	0°	195°	+24°	318°	-18°	2. 2dB	301°K	363514 -118 Hz
2022-07-16	Saturday	00: 00	203°	+22°	0 dB	0°	203°	+22°	325°	-18°	2. 2dB	300°K	363608 -152 Hz
2022-07-16	Saturday	00: 30	210°	+20°	0 dB	0°	210°	+20°	332°	-18°	2. 2dB	298°K	363703 -185 Hz
2022-07-16	Saturday	01: 00	216°	+17°	0 dB	0°	216°	+17°	339°	-18°	2. 2dB	297°K	363798 -216 Hz
2022-07-16	Saturday	01: 30	223°	+14°	0 dB	0°	223°	+14°	347°	-18°	2. 2dB	296°K	363894 -244 Hz
2022-07-16	Saturday	02: 00	229°	+11°	0 dB	0°	229°	+11°	354°	-18°	2. 2dB	294°K	363991 -269 Hz
2022-07-16	Saturday	02: 30	235°	+7°	0 dB	0°	235°	+7°	1°	-17°	2. 1dB	292°K	364088 -289 Hz
2022-07-16	Saturday	03: 00	240°	+3°	0 dB	0°	240°	+3°	8°	-17°	2. 1dB	290°K	364185 -306 Hz
2022-07-16	Saturday	18: 30	113°	+2°	0 dB	0°	113°	+2°	232°	-14°	1. 7dB	243°K	367459 +220 Hz
2022-07-16	Saturday	19: 00	119°	+7°	0 dB	0°	119°	+7°	240°	-14°	1. 7dB	243°K	367572 +207 Hz
2022-07-16	Saturday	19: 30	124°	+11°	0 dB	0°	124°	+11°	247°	-14°	1. 7dB	243°K	367685 +189 Hz
2022-07-16	Saturday	20: 00	130°	+15°	0 dB	0°	130°	+15°	254°	-13°	1. 7dB	243°K	367799 +167 Hz
2022-07-16	Saturday	20: 30	136°	+19°	0 dB	0°	136°	+19°	261°	-13°	1. 7dB	243°K	367913 +142 Hz
2022-07-16	Saturday	21: 00	143°	+22°	0 dB	0°	143°	+22°	268°	-13°	1. 7dB	243°K	368027 +113 Hz
2022-07-16	Saturday	21: 30	150°	+25°	0 dB	0°	150°	+25°	276°	-13°	1. 7dB	243°K	368142 +81 Hz
2022-07-16	Saturday	22: 00	158°	+27°	0 dB	0°	158°	+27°	283°	-13°	1. 7dB	243°K	368257 +47 Hz
2022-07-16	Saturday	22: 30	166°	+29°	0 dB	0°	166°	+29°	290°	-13°	1. 7dB	243°K	368373 +11 Hz
2022-07-16	Saturday	23: 00	174°	+30°	0 dB	0°	174°	+30°	297°	-13°	1. 7dB	243°K	368489 -27 Hz
2022-07-16	Saturday	23: 30	182°	+31°	0 dB	0°	182°	+31°	305°	-13°	1. 7dB	243°K	368605 -65 Hz
2022-07-17	Sunday	00: 00	190°	+30°	0 dB	0°	190°	+30°	312°	-12°	1. 7dB	243°K	368721 -103 Hz
2022-07-17	Sunday	00: 30	198°	+29°	0 dB	0°	198°	+29°	319°	-12°	1. 7dB	243°K	368838 -140 Hz
2022-07-17	Sunday	01: 00	206°	+27°	0 dB	0°	206°	+27°	326°	-12°	1. 7dB	243°K	368956 -175 Hz
2022-07-17	Sunday	01: 30	214°	+25°	0 dB	0°	214°	+25°	334°	-12°	1. 7dB	243°K	369073 -209 Hz
2022-07-17	Sunday	02: 00	221°	+22°	0 dB	0°	221°	+22°	341°	-12°	1. 7dB	243°K	369191 -240 Hz
2022-07-17	Sunday	02: 30	227°	+18°	0 dB	0°	227°	+18°	348°	-12°	1. 7dB	243°K	369310 -268 Hz
2022-07-17	Sunday	03: 00	234°	+15°	0 dB	0°	234°	+15°	355°	-12°	1. 7dB	243°K	369428 -293 Hz
2022-07-17	Sunday	03: 30	240°	+11°	0 dB	0°	240°	+11°	3°	-12°	1. 8dB	243°K	369547 -313 Hz
2022-07-17	Sunday	04: 00	245°	+6°	0 dB	0°	245°	+6°	10°	-11°	1. 8dB	243°K	369667 -329 Hz
2022-07-17	Sunday	04: 30	251°	+2°	0 dB	0°	251°	+2°	17°	-11°	1. 8dB	243°K	369786 -341 Hz
2022-07-17	Sunday	19: 00	106°	+3°	0 dB	0°	106°	+3°	227°	-8°	1. 9dB	239°K	373371 +226 Hz
2022-07-17	Sunday	19: 30	111°	+8°	0 dB	0°	111°	+8°	235°	-8°	1. 9dB	239°K	373498 +216 Hz
2022-07-17	Sunday	20: 00	117°	+13°	0 dB	0°	117°	+13°	242°	-7°	1. 9dB	239°K	373625 +201 Hz
2022-07-17	Sunday	20: 30	123°	+17°	0 dB	0°	123°	+17°	249°	-7°	1. 9dB	239°K	373752 +181 Hz
2022-07-17	Sunday	21: 00	129°	+22°	0 dB	0°	129°	+22°	256°	-7°	1. 9dB	239°K	373879 +158 Hz
2022-07-17	Sunday	21: 30	135°	+26°	0 dB	0°	135°	+26°	264°	-7°	1. 9dB	239°K	374007 +130 Hz
2022-07-17	Sunday	22: 00	143°	+29°	0 dB	0°	143°	+29°	271°	-7°	1. 9dB	239°K	374134 +100 Hz
2022-07-17	Sunday	22: 30	150°	+32°	0 dB	0°	150°	+32°	278°	-7°	1. 9dB	239°K	374262 +66 Hz
2022-07-17	Sunday	23: 00	159°	+34°	0 dB	0°	159°	+34°	286°	-7°	1. 9dB	239°K	374390 +30 Hz
2022-07-17	Sunday	23: 30	167°	+36°	0 dB	0°	167°	+36°	293°	-7°	1. 9dB	239°K	374518 -8 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-18	Monday	00:00	176°	+37°	0 dB	0°	176°	+37°	300°	-6°	1.9dB	239°K	374647 -46 Hz
2022-07-18	Monday	00:30	185°	+37°	0 dB	0°	185°	+37°	307°	-6°	1.9dB	239°K	374775 -85 Hz
2022-07-18	Monday	01:00	194°	+36°	0 dB	0°	194°	+36°	315°	-6°	1.9dB	239°K	374903 -124 Hz
2022-07-18	Monday	01:30	203°	+34°	0 dB	0°	203°	+34°	322°	-6°	1.9dB	239°K	375032 -162 Hz
2022-07-18	Monday	02:00	211°	+32°	0 dB	0°	211°	+32°	329°	-6°	2.0dB	239°K	375161 -197 Hz
2022-07-18	Monday	02:30	219°	+29°	0 dB	0°	219°	+29°	336°	-6°	2.0dB	239°K	375290 -231 Hz
2022-07-18	Monday	03:00	227°	+26°	0 dB	0°	227°	+26°	344°	-6°	2.0dB	239°K	375419 -262 Hz
2022-07-18	Monday	03:30	233°	+22°	0 dB	0°	233°	+22°	351°	-6°	2.0dB	239°K	375548 -289 Hz
2022-07-18	Monday	04:00	240°	+18°	0 dB	0°	240°	+18°	358°	-5°	2.0dB	239°K	375677 -312 Hz
2022-07-18	Monday	04:30	246°	+14°	0 dB	0°	246°	+14°	5°	-5°	2.0dB	239°K	375806 -331 Hz
2022-07-18	Monday	05:00	252°	+9°	0 dB	0°	252°	+9°	13°	-5°	2.0dB	239°K	375935 -346 Hz
2022-07-18	Monday	05:30	257°	+4°	0 dB	0°	257°	+4°	20°	-5°	2.0dB	239°K	376065 -356 Hz
2022-07-18	Monday	06:00	262°	-0°	0 dB	0°	262°	-0°	27°	-5°	2.0dB	239°K	376194 -361 Hz
2022-07-18	Monday	19:00	093°	+0°	0 dB	0°	093°	+0°	216°	-2°	2.4dB	256°K	379574 +236 Hz
2022-07-18	Monday	19:30	099°	+5°	0 dB	0°	099°	+5°	223°	-1°	2.4dB	256°K	379704 +233 Hz
2022-07-18	Monday	20:00	104°	+10°	0 dB	0°	104°	+10°	231°	-1°	2.4dB	257°K	379834 +225 Hz
2022-07-18	Monday	20:30	109°	+15°	0 dB	0°	109°	+15°	238°	-1°	2.4dB	257°K	379964 +212 Hz
2022-07-18	Monday	21:00	115°	+20°	0 dB	0°	115°	+20°	245°	-1°	2.4dB	258°K	380094 +195 Hz
2022-07-18	Monday	21:30	121°	+25°	0 dB	0°	121°	+25°	253°	-1°	2.5dB	259°K	380224 +173 Hz
2022-07-18	Monday	22:00	128°	+29°	0 dB	0°	128°	+29°	260°	-1°	2.5dB	259°K	380354 +147 Hz
2022-07-18	Monday	22:30	135°	+33°	0 dB	0°	135°	+33°	267°	-1°	2.5dB	260°K	380483 +118 Hz
2022-07-18	Monday	23:00	143°	+36°	0 dB	0°	143°	+36°	274°	-1°	2.5dB	260°K	380613 +85 Hz
2022-07-18	Monday	23:30	152°	+39°	0 dB	0°	152°	+39°	282°	-0°	2.5dB	261°K	380743 +50 Hz
2022-07-19	Tuesday	00:00	161°	+41°	0 dB	0°	161°	+41°	289°	-0°	2.5dB	261°K	380872 +12 Hz
2022-07-19	Tuesday	00:30	171°	+43°	0 dB	0°	171°	+43°	296°	-0°	2.5dB	262°K	381002 -26 Hz
2022-07-19	Tuesday	01:00	181°	+43°	0 dB	0°	181°	+43°	303°	-0°	2.6dB	263°K	381131 -66 Hz
2022-07-19	Tuesday	01:30	191°	+43°	0 dB	0°	191°	+43°	311°	+0°	2.6dB	263°K	381260 -105 Hz
2022-07-19	Tuesday	02:00	200°	+42°	0 dB	0°	200°	+42°	318°	+0°	2.6dB	264°K	381389 -144 Hz
2022-07-19	Tuesday	02:30	210°	+40°	0 dB	0°	210°	+40°	325°	+0°	2.6dB	264°K	381518 -181 Hz
2022-07-19	Tuesday	03:00	218°	+37°	0 dB	0°	218°	+37°	333°	+0°	2.6dB	265°K	381647 -216 Hz
2022-07-19	Tuesday	03:30	226°	+33°	0 dB	0°	226°	+33°	340°	+1°	2.6dB	265°K	381776 -248 Hz
2022-07-19	Tuesday	04:00	234°	+30°	0 dB	0°	234°	+30°	347°	+1°	2.6dB	266°K	381905 -277 Hz
2022-07-19	Tuesday	04:30	241°	+25°	0 dB	0°	241°	+25°	354°	+1°	2.7dB	267°K	382034 -303 Hz
2022-07-19	Tuesday	05:00	247°	+21°	0 dB	0°	247°	+21°	2°	+1°	2.7dB	267°K	382162 -324 Hz
2022-07-19	Tuesday	05:30	253°	+16°	0 dB	0°	253°	+16°	9°	+1°	2.7dB	268°K	382291 -341 Hz
2022-07-19	Tuesday	06:00	259°	+12°	0 dB	0°	259°	+12°	16°	+1°	2.7dB	268°K	382419 -353 Hz
2022-07-19	Tuesday	06:30	264°	+7°	0 dB	0°	264°	+7°	23°	+1°	2.7dB	269°K	382547 -361 Hz
2022-07-19	Tuesday	07:00	269°	+2°	0 dB	0°	269°	+2°	31°	+1°	2.7dB	269°K	382676 -364 Hz
2022-07-19	Tuesday	19:30	087°	+2°	0 dB	0°	087°	+2°	213°	+4°	3.1dB	284°K	385828 +239 Hz
2022-07-19	Tuesday	20:00	092°	+7°	0 dB	0°	092°	+7°	220°	+5°	3.1dB	284°K	385952 +238 Hz
2022-07-19	Tuesday	20:30	097°	+12°	0 dB	0°	097°	+12°	227°	+5°	3.1dB	285°K	386075 +233 Hz
2022-07-19	Tuesday	21:00	102°	+17°	0 dB	0°	102°	+17°	234°	+5°	3.1dB	285°K	386198 +222 Hz
2022-07-19	Tuesday	21:30	108°	+22°	0 dB	0°	108°	+22°	242°	+5°	3.1dB	286°K	386321 +207 Hz
2022-07-19	Tuesday	22:00	114°	+27°	0 dB	0°	114°	+27°	249°	+5°	3.1dB	286°K	386444 +187 Hz
2022-07-19	Tuesday	22:30	121°	+32°	0 dB	0°	121°	+32°	256°	+5°	3.1dB	287°K	386567 +163 Hz
2022-07-19	Tuesday	23:00	128°	+36°	0 dB	0°	128°	+36°	264°	+5°	3.1dB	288°K	386689 +135 Hz
2022-07-19	Tuesday	23:30	136°	+40°	0 dB	0°	136°	+40°	271°	+5°	3.1dB	288°K	386811 +104 Hz
2022-07-20	Wednesday	00:00	144°	+44°	0 dB	0°	144°	+44°	278°	+6°	3.2dB	289°K	386933 +70 Hz
2022-07-20	Wednesday	00:30	154°	+46°	0 dB	0°	154°	+46°	285°	+6°	3.2dB	289°K	387055 +34 Hz
2022-07-20	Wednesday	01:00	164°	+48°	0 dB	0°	164°	+48°	293°	+6°	3.2dB	290°K	387176 -4 Hz
2022-07-20	Wednesday	01:30	175°	+49°	0 dB	0°	175°	+49°	300°	+6°	3.2dB	290°K	387297 -43 Hz
2022-07-20	Wednesday	02:00	187°	+49°	0 dB	0°	187°	+49°	307°	+6°	3.2dB	291°K	387418 -83 Hz
2022-07-20	Wednesday	02:30	198°	+48°	0 dB	0°	198°	+48°	315°	+6°	3.2dB	291°K	387539 -121 Hz
2022-07-20	Wednesday	03:00	208°	+46°	0 dB	0°	208°	+46°	322°	+6°	3.2dB	292°K	387659 -159 Hz
2022-07-20	Wednesday	03:30	218°	+44°	0 dB	0°	218°	+44°	329°	+6°	3.3dB	293°K	387779 -195 Hz
2022-07-20	Wednesday	04:00	227°	+40°	0 dB	0°	227°	+40°	336°	+7°	3.3dB	293°K	387899 -229 Hz
2022-07-20	Wednesday	04:30	234°	+37°	0 dB	0°	234°	+37°	344°	+7°	3.3dB	294°K	388019 -259 Hz
2022-07-20	Wednesday	05:00	242°	+32°	0 dB	0°	242°	+32°	351°	+7°	3.3dB	294°K	388138 -286 Hz
2022-07-20	Wednesday	05:30	248°	+28°	0 dB	0°	248°	+28°	358°	+7°	3.3dB	295°K	388257 -309 Hz
2022-07-20	Wednesday	06:00	254°	+23°	0 dB	0°	254°	+23°	5°	+7°	3.3dB	295°K	388376 -328 Hz
2022-07-20	Wednesday	06:30	260°	+18°	0 dB	0°	260°	+18°	13°	+7°	3.3dB	296°K	388495 -342 Hz
2022-07-20	Wednesday	07:00	266°	+13°	0 dB	0°	266°	+13°	20°	+7°	3.3dB	296°K	388613 -352 Hz
2022-07-20	Wednesday	07:30	271°	+8°	0 dB	0°	271°	+8°	27°	+7°	3.3dB	296°K	388731 -357 Hz
2022-07-20	Wednesday	08:00	276°	+3°	0 dB	0°	276°	+3°	35°	+7°	3.3dB	296°K	388849 -357 Hz
2022-07-20	Wednesday	20:00	080°	+4°	0 dB	0°	080°	+4°	209°	+10°	3.5dB	303°K	391585 +242 Hz
2022-07-20	Wednesday	20:30	085°	+9°	0 dB	0°	085°	+9°	217°	+10°	3.5dB	303°K	391695 +243 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-20	Wednesday 21:00	090°	+14°	0 dB	0°	090°	+14°	224°	+10°	3.6dB	304°K	391804	+240 Hz
2022-07-20	Wednesday 21:30	096°	+19°	0 dB	0°	096°	+19°	231°	+11°	3.6dB	304°K	391913	+232 Hz
2022-07-20	Wednesday 22:00	101°	+24°	0 dB	0°	101°	+24°	238°	+11°	3.6dB	306°K	392022	+219 Hz
2022-07-20	Wednesday 22:30	107°	+29°	0 dB	0°	107°	+29°	246°	+11°	3.6dB	307°K	392131	+201 Hz
2022-07-20	Wednesday 23:00	113°	+34°	0 dB	0°	113°	+34°	253°	+11°	3.6dB	308°K	392239	+179 Hz
2022-07-20	Wednesday 23:30	120°	+39°	0 dB	0°	120°	+39°	260°	+11°	3.7dB	310°K	392347	+153 Hz
2022-07-21	Thursday 00:00	128°	+43°	0 dB	0°	128°	+43°	268°	+11°	3.7dB	311°K	392455	+124 Hz
2022-07-21	Thursday 00:30	136°	+47°	0 dB	0°	136°	+47°	275°	+11°	3.7dB	313°K	392562	+91 Hz
2022-07-21	Thursday 01:00	146°	+50°	0 dB	0°	146°	+50°	282°	+11°	3.7dB	314°K	392669	+56 Hz
2022-07-21	Thursday 01:30	157°	+53°	0 dB	0°	157°	+53°	289°	+11°	3.7dB	315°K	392775	+19 Hz
2022-07-21	Thursday 02:00	169°	+55°	0 dB	0°	169°	+55°	297°	+12°	3.8dB	317°K	392882	-19 Hz
2022-07-21	Thursday 02:30	182°	+55°	0 dB	0°	182°	+55°	304°	+12°	3.8dB	318°K	392987	-57 Hz
2022-07-21	Thursday 03:00	194°	+55°	0 dB	0°	194°	+55°	311°	+12°	3.8dB	320°K	393093	-96 Hz
2022-07-21	Thursday 03:30	206°	+53°	0 dB	0°	206°	+53°	318°	+12°	3.8dB	321°K	393198	-134 Hz
2022-07-21	Thursday 04:00	217°	+50°	0 dB	0°	217°	+50°	326°	+12°	3.8dB	322°K	393303	-170 Hz
2022-07-21	Thursday 04:30	226°	+47°	0 dB	0°	226°	+47°	333°	+12°	3.9dB	324°K	393407	-204 Hz
2022-07-21	Thursday 05:00	235°	+43°	0 dB	0°	235°	+43°	340°	+12°	3.9dB	325°K	393511	-235 Hz
2022-07-21	Thursday 05:30	243°	+39°	0 dB	0°	243°	+39°	348°	+12°	3.9dB	327°K	393614	-264 Hz
2022-07-21	Thursday 06:00	250°	+34°	0 dB	0°	250°	+34°	355°	+12°	3.9dB	328°K	393718	-288 Hz
2022-07-21	Thursday 06:30	256°	+29°	0 dB	0°	256°	+29°	2°	+12°	3.9dB	329°K	393821	-309 Hz
2022-07-21	Thursday 07:00	262°	+25°	0 dB	0°	262°	+25°	9°	+13°	4.0dB	331°K	393923	-325 Hz
2022-07-21	Thursday 07:30	267°	+20°	0 dB	0°	267°	+20°	17°	+13°	4.0dB	332°K	394025	-336 Hz
2022-07-21	Thursday 08:00	273°	+15°	0 dB	0°	273°	+15°	24°	+13°	4.0dB	334°K	394127	-343 Hz
2022-07-21	Thursday 08:30	278°	+10°	0 dB	0°	278°	+10°	31°	+13°	4.0dB	335°K	394228	-345 Hz
2022-07-21	Thursday 09:00	283°	+5°	0 dB	0°	283°	+5°	39°	+13°	4.1dB	337°K	394329	-342 Hz
2022-07-21	Thursday 09:30	288°	-0°	0 dB	0°	288°	-0°	46°	+13°	4.1dB	338°K	394430	-334 Hz
2022-07-21	Thursday 20:00	069°	+0°	0 dB	0°	069°	+0°	199°	+15°	4.4dB	358°K	396451	+236 Hz
2022-07-21	Thursday 20:30	074°	+5°	0 dB	0°	074°	+5°	206°	+15°	4.4dB	358°K	396543	+244 Hz
2022-07-21	Thursday 21:00	079°	+10°	0 dB	0°	079°	+10°	213°	+15°	4.4dB	359°K	396634	+247 Hz
2022-07-21	Thursday 21:30	084°	+15°	0 dB	0°	084°	+15°	220°	+16°	4.4dB	360°K	396725	+246 Hz
2022-07-21	Thursday 22:00	089°	+20°	0 dB	0°	089°	+20°	228°	+16°	4.4dB	360°K	396816	+240 Hz
2022-07-21	Thursday 22:30	095°	+26°	0 dB	0°	095°	+26°	235°	+16°	4.4dB	361°K	396906	+229 Hz
2022-07-21	Thursday 23:00	100°	+31°	0 dB	0°	100°	+31°	242°	+16°	4.4dB	362°K	396996	+214 Hz
2022-07-21	Thursday 23:30	106°	+36°	0 dB	0°	106°	+36°	249°	+16°	4.4dB	363°K	397085	+195 Hz
2022-07-22	Fri day 00:00	112°	+41°	0 dB	0°	112°	+41°	257°	+16°	4.5dB	363°K	397174	+171 Hz
2022-07-22	Fri day 00:30	120°	+45°	0 dB	0°	120°	+45°	264°	+16°	4.5dB	364°K	397263	+144 Hz
2022-07-22	Fri day 01:00	128°	+50°	0 dB	0°	128°	+50°	271°	+16°	4.5dB	365°K	397351	+113 Hz
2022-07-22	Fri day 01:30	138°	+53°	0 dB	0°	138°	+53°	279°	+16°	4.5dB	365°K	397438	+80 Hz
2022-07-22	Fri day 02:00	149°	+57°	0 dB	0°	149°	+57°	286°	+16°	4.5dB	366°K	397525	+45 Hz
2022-07-22	Fri day 02:30	161°	+59°	0 dB	0°	161°	+59°	293°	+16°	4.5dB	367°K	397612	+8 Hz
2022-07-22	Fri day 03:00	175°	+60°	0 dB	0°	175°	+60°	300°	+17°	4.5dB	368°K	397699	-30 Hz
2022-07-22	Fri day 03:30	189°	+60°	0 dB	0°	189°	+60°	308°	+17°	4.5dB	368°K	397785	-67 Hz
2022-07-22	Fri day 04:00	203°	+59°	0 dB	0°	203°	+59°	315°	+17°	4.5dB	369°K	397870	-105 Hz
2022-07-22	Fri day 04:30	215°	+56°	0 dB	0°	215°	+56°	322°	+17°	4.5dB	369°K	397955	-141 Hz
2022-07-22	Fri day 05:00	226°	+53°	0 dB	0°	226°	+53°	330°	+17°	4.5dB	368°K	398040	-175 Hz
2022-07-22	Fri day 05:30	235°	+49°	0 dB	0°	235°	+49°	337°	+17°	4.5dB	367°K	398124	-207 Hz
2022-07-22	Fri day 06:00	243°	+45°	0 dB	0°	243°	+45°	344°	+17°	4.5dB	367°K	398208	-237 Hz
2022-07-22	Fri day 06:30	251°	+40°	0 dB	0°	251°	+40°	351°	+17°	4.5dB	366°K	398291	-262 Hz
2022-07-22	Fri day 07:00	257°	+35°	0 dB	0°	257°	+35°	359°	+17°	4.5dB	365°K	398374	-284 Hz
2022-07-22	Fri day 07:30	263°	+30°	0 dB	0°	263°	+30°	6°	+17°	4.5dB	364°K	398457	-302 Hz
2022-07-22	Fri day 08:00	268°	+25°	0 dB	0°	268°	+25°	13°	+18°	4.5dB	364°K	398539	-315 Hz
2022-07-22	Fri day 08:30	274°	+20°	0 dB	0°	274°	+20°	20°	+18°	4.5dB	363°K	398621	-324 Hz
2022-07-22	Fri day 09:00	279°	+15°	0 dB	0°	279°	+15°	28°	+18°	4.5dB	362°K	398702	-328 Hz
2022-07-22	Fri day 09:30	284°	+10°	0 dB	0°	284°	+10°	35°	+18°	4.5dB	362°K	398783	-328 Hz
2022-07-22	Fri day 10:00	289°	+6°	0 dB	0°	289°	+6°	42°	+18°	4.5dB	361°K	398863	-322 Hz
2022-07-22	Fri day 10:30	294°	+1°	0 dB	0°	294°	+1°	49°	+18°	4.5dB	360°K	398943	-313 Hz
2022-07-22	Fri day 20:30	064°	+1°	0 dB	0°	064°	+1°	195°	+20°	4.5dB	350°K	400450	+235 Hz
2022-07-22	Fri day 21:00	069°	+6°	0 dB	0°	069°	+6°	202°	+20°	4.5dB	350°K	400521	+245 Hz
2022-07-22	Fri day 21:30	074°	+11°	0 dB	0°	074°	+11°	209°	+20°	4.5dB	351°K	400591	+250 Hz
2022-07-22	Fri day 22:00	078°	+16°	0 dB	0°	078°	+16°	217°	+20°	4.5dB	352°K	400661	+251 Hz
2022-07-22	Fri day 22:30	083°	+21°	0 dB	0°	083°	+21°	224°	+20°	4.5dB	352°K	400730	+248 Hz
2022-07-22	Fri day 23:00	088°	+26°	0 dB	0°	088°	+26°	231°	+20°	4.5dB	353°K	400799	+240 Hz
2022-07-22	Fri day 23:30	093°	+31°	0 dB	0°	093°	+31°	238°	+20°	4.5dB	354°K	400868	+227 Hz
2022-07-23	Saturday 00:00	099°	+36°	0 dB	0°	099°	+36°	246°	+20°	4.5dB	355°K	400936	+210 Hz
2022-07-23	Saturday 00:30	105°	+41°	0 dB	0°	105°	+41°	253°	+20°	4.5dB	355°K	401003	+189 Hz
2022-07-23	Saturday 01:00	112°	+46°	0 dB	0°	112°	+46°	260°	+20°	4.5dB	356°K	401070	+164 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-23	Saturday	01:30	119°	+51°	0 dB	0°	119°	+51°	268°	+20°	4.6dB	357°K	401137 +136 Hz
2022-07-23	Saturday	02:00	128°	+55°	0 dB	0°	128°	+55°	275°	+21°	4.6dB	358°K	401203 +105 Hz
2022-07-23	Saturday	02:30	139°	+59°	0 dB	0°	139°	+59°	282°	+21°	4.6dB	358°K	401269 +72 Hz
2022-07-23	Saturday	03:00	152°	+62°	0 dB	0°	152°	+62°	289°	+21°	4.6dB	359°K	401335 +36 Hz
2022-07-23	Saturday	03:30	166°	+64°	0 dB	0°	166°	+64°	297°	+21°	4.6dB	360°K	401399 0 Hz
2022-07-23	Saturday	04:00	182°	+64°	0 dB	0°	182°	+64°	304°	+21°	4.6dB	361°K	401464 -37 Hz
2022-07-23	Saturday	04:30	198°	+64°	0 dB	0°	198°	+64°	311°	+21°	4.6dB	361°K	401528 -73 Hz
2022-07-23	Saturday	05:00	212°	+62°	0 dB	0°	212°	+62°	318°	+21°	4.6dB	362°K	401592 -109 Hz
2022-07-23	Saturday	05:30	224°	+58°	0 dB	0°	224°	+58°	326°	+21°	4.6dB	363°K	401655 -144 Hz
2022-07-23	Saturday	06:00	235°	+55°	0 dB	0°	235°	+55°	333°	+21°	4.7dB	364°K	401717 -176 Hz
2022-07-23	Saturday	06:30	243°	+50°	0 dB	0°	243°	+50°	340°	+21°	4.7dB	364°K	401780 -206 Hz
2022-07-23	Saturday	07:00	251°	+46°	0 dB	0°	251°	+46°	347°	+21°	4.7dB	365°K	401841 -233 Hz
2022-07-23	Saturday	07:30	257°	+41°	0 dB	0°	257°	+41°	355°	+21°	4.7dB	366°K	401903 -257 Hz
2022-07-23	Saturday	08:00	263°	+36°	0 dB	0°	263°	+36°	2°	+21°	4.7dB	367°K	401964 -276 Hz
2022-07-23	Saturday	08:30	269°	+31°	0 dB	0°	269°	+31°	9°	+21°	4.7dB	367°K	402024 -291 Hz
2022-07-23	Saturday	09:00	274°	+26°	0 dB	0°	274°	+26°	17°	+22°	4.7dB	368°K	402084 -302 Hz
2022-07-23	Saturday	09:30	279°	+21°	0 dB	0°	279°	+21°	24°	+22°	4.7dB	369°K	402144 -309 Hz
2022-07-23	Saturday	10:00	284°	+16°	0 dB	0°	284°	+16°	31°	+22°	4.7dB	370°K	402203 -311 Hz
2022-07-23	Saturday	10:30	289°	+11°	0 dB	0°	289°	+11°	38°	+22°	4.8dB	371°K	402262 -308 Hz
2022-07-23	Saturday	11:00	294°	+6°	0 dB	0°	294°	+6°	46°	+22°	4.8dB	372°K	402320 -301 Hz
2022-07-23	Saturday	11:30	299°	+2°	0 dB	0°	299°	+2°	53°	+22°	4.8dB	373°K	402378 -290 Hz
2022-07-23	Saturday	21:00	058°	+1°	0 dB	0°	058°	+1°	191°	+23°	5.0dB	393°K	403392 +232 Hz
2022-07-23	Saturday	21:30	063°	+6°	0 dB	0°	063°	+6°	198°	+23°	5.0dB	394°K	403440 +244 Hz
2022-07-23	Saturday	22:00	068°	+11°	0 dB	0°	068°	+11°	205°	+23°	5.0dB	395°K	403489 +252 Hz
2022-07-23	Saturday	22:30	073°	+15°	0 dB	0°	073°	+15°	213°	+23°	5.1dB	396°K	403537 +255 Hz
2022-07-23	Saturday	23:00	078°	+20°	0 dB	0°	078°	+20°	220°	+23°	5.1dB	397°K	403585 +255 Hz
2022-07-23	Saturday	23:30	083°	+25°	0 dB	0°	083°	+25°	227°	+23°	5.1dB	398°K	403632 +249 Hz
2022-07-24	Sunday	00:00	087°	+30°	0 dB	0°	087°	+30°	234°	+24°	5.1dB	399°K	403679 +239 Hz
2022-07-24	Sunday	00:30	093°	+36°	0 dB	0°	093°	+36°	242°	+24°	5.1dB	400°K	403725 +225 Hz
2022-07-24	Sunday	01:00	098°	+41°	0 dB	0°	098°	+41°	249°	+24°	5.1dB	402°K	403771 +207 Hz
2022-07-24	Sunday	01:30	104°	+46°	0 dB	0°	104°	+46°	256°	+24°	5.1dB	403°K	403816 +185 Hz
2022-07-24	Sunday	02:00	111°	+51°	0 dB	0°	111°	+51°	263°	+24°	5.1dB	404°K	403861 +159 Hz
2022-07-24	Sunday	02:30	119°	+55°	0 dB	0°	119°	+55°	271°	+24°	5.2dB	405°K	403906 +130 Hz
2022-07-24	Sunday	03:00	129°	+60°	0 dB	0°	129°	+60°	278°	+24°	5.2dB	407°K	403950 +99 Hz
2022-07-24	Sunday	03:30	141°	+63°	0 dB	0°	141°	+63°	285°	+24°	5.2dB	408°K	403993 +66 Hz
2022-07-24	Sunday	04:00	155°	+66°	0 dB	0°	155°	+66°	292°	+24°	5.2dB	409°K	404037 +31 Hz
2022-07-24	Sunday	04:30	172°	+68°	0 dB	0°	172°	+68°	300°	+24°	5.2dB	410°K	404079 -5 Hz
2022-07-24	Sunday	05:00	189°	+68°	0 dB	0°	189°	+68°	307°	+24°	5.2dB	411°K	404122 -41 Hz
2022-07-24	Sunday	05:30	206°	+66°	0 dB	0°	206°	+66°	314°	+24°	5.2dB	413°K	404164 -76 Hz
2022-07-24	Sunday	06:00	220°	+63°	0 dB	0°	220°	+63°	321°	+24°	5.3dB	414°K	404205 -111 Hz
2022-07-24	Sunday	06:30	232°	+60°	0 dB	0°	232°	+60°	329°	+24°	5.3dB	415°K	404246 -144 Hz
2022-07-24	Sunday	07:00	242°	+55°	0 dB	0°	242°	+55°	336°	+24°	5.3dB	416°K	404287 -174 Hz
2022-07-24	Sunday	07:30	250°	+51°	0 dB	0°	250°	+51°	343°	+24°	5.3dB	418°K	404327 -203 Hz
2022-07-24	Sunday	08:00	257°	+46°	0 dB	0°	257°	+46°	350°	+24°	5.3dB	419°K	404367 -227 Hz
2022-07-24	Sunday	08:30	263°	+41°	0 dB	0°	263°	+41°	358°	+24°	5.3dB	420°K	404406 -249 Hz
2022-07-24	Sunday	09:00	269°	+36°	0 dB	0°	269°	+36°	5°	+24°	5.3dB	421°K	404445 -266 Hz
2022-07-24	Sunday	09:30	274°	+31°	0 dB	0°	274°	+31°	12°	+25°	5.3dB	423°K	404484 -280 Hz
2022-07-24	Sunday	10:00	279°	+26°	0 dB	0°	279°	+26°	19°	+25°	5.4dB	424°K	404522 -289 Hz
2022-07-24	Sunday	10:30	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	5.4dB	425°K	404559 -293 Hz
2022-07-24	Sunday	11:00	288°	+16°	0 dB	0°	288°	+16°	34°	+25°	5.4dB	426°K	404597 -293 Hz
2022-07-24	Sunday	11:30	293°	+11°	0 dB	0°	293°	+11°	41°	+25°	5.4dB	427°K	404633 -289 Hz
2022-07-24	Sunday	12:00	298°	+7°	0 dB	0°	298°	+7°	48°	+25°	5.4dB	429°K	404670 -281 Hz
2022-07-24	Sunday	12:30	303°	+2°	0 dB	0°	303°	+2°	56°	+25°	5.4dB	430°K	404706 -268 Hz
2022-07-24	Sunday	21:30	054°	+1°	0 dB	0°	054°	+1°	186°	+26°	5.8dB	468°K	405280 +228 Hz
2022-07-24	Sunday	22:00	059°	+5°	0 dB	0°	059°	+5°	193°	+26°	5.8dB	470°K	405308 +242 Hz
2022-07-24	Sunday	22:30	064°	+9°	0 dB	0°	064°	+9°	201°	+26°	5.8dB	473°K	405335 +253 Hz
2022-07-24	Sunday	23:00	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	5.8dB	475°K	405363 +259 Hz
2022-07-24	Sunday	23:30	073°	+19°	0 dB	0°	073°	+19°	215°	+26°	5.8dB	477°K	405389 +261 Hz
2022-07-25	Monday	00:00	078°	+24°	0 dB	0°	078°	+24°	222°	+26°	5.9dB	480°K	405416 +258 Hz
2022-07-25	Monday	00:30	082°	+29°	0 dB	0°	082°	+29°	230°	+26°	5.9dB	482°K	405441 +251 Hz
2022-07-25	Monday	01:00	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	5.9dB	485°K	405467 +240 Hz
2022-07-25	Monday	01:30	092°	+39°	0 dB	0°	092°	+39°	244°	+26°	5.9dB	487°K	405492 +225 Hz
2022-07-25	Monday	02:00	098°	+44°	0 dB	0°	098°	+44°	251°	+26°	5.9dB	489°K	405517 +206 Hz
2022-07-25	Monday	02:30	104°	+49°	0 dB	0°	104°	+49°	259°	+26°	6.0dB	492°K	405541 +183 Hz
2022-07-25	Monday	03:00	111°	+54°	0 dB	0°	111°	+54°	266°	+26°	6.0dB	494°K	405565 +156 Hz
2022-07-25	Monday	03:30	120°	+59°	0 dB	0°	120°	+59°	273°	+26°	6.0dB	496°K	405588 +127 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-25	Monday	04:00	130°	+63°	0 dB	0°	130°	+63°	280°	+26°	6.0dB	499°K	405611 +96 Hz
2022-07-25	Monday	04:30	143°	+66°	0 dB	0°	143°	+66°	288°	+26°	6.0dB	500°K	405634 +63 Hz
2022-07-25	Monday	05:00	159°	+69°	0 dB	0°	159°	+69°	295°	+26°	6.0dB	500°K	405656 +28 Hz
2022-07-25	Monday	05:30	178°	+70°	0 dB	0°	178°	+70°	302°	+26°	6.0dB	500°K	405678 -7 Hz
2022-07-25	Monday	06:00	197°	+69°	0 dB	0°	197°	+69°	309°	+26°	6.0dB	500°K	405699 -42 Hz
2022-07-25	Monday	06:30	214°	+67°	0 dB	0°	214°	+67°	317°	+26°	6.0dB	500°K	405720 -77 Hz
2022-07-25	Monday	07:00	227°	+64°	0 dB	0°	227°	+64°	324°	+26°	6.0dB	500°K	405741 -110 Hz
2022-07-25	Monday	07:30	238°	+60°	0 dB	0°	238°	+60°	331°	+26°	6.0dB	500°K	405761 -142 Hz
2022-07-25	Monday	08:00	247°	+55°	0 dB	0°	247°	+55°	338°	+26°	6.0dB	500°K	405781 -172 Hz
2022-07-25	Monday	08:30	255°	+50°	0 dB	0°	255°	+50°	346°	+26°	6.0dB	500°K	405801 -198 Hz
2022-07-25	Monday	09:00	261°	+45°	0 dB	0°	261°	+45°	353°	+26°	6.0dB	500°K	405820 -222 Hz
2022-07-25	Monday	09:30	267°	+40°	0 dB	0°	267°	+40°	0°	+26°	6.0dB	500°K	405838 -241 Hz
2022-07-25	Monday	10:00	272°	+35°	0 dB	0°	272°	+35°	7°	+26°	6.0dB	500°K	405857 -257 Hz
2022-07-25	Monday	10:30	277°	+30°	0 dB	0°	277°	+30°	15°	+26°	6.0dB	500°K	405874 -269 Hz
2022-07-25	Monday	11:00	282°	+25°	0 dB	0°	282°	+25°	22°	+26°	6.0dB	500°K	405892 -277 Hz
2022-07-25	Monday	11:30	287°	+20°	0 dB	0°	287°	+20°	29°	+26°	6.0dB	500°K	405909 -280 Hz
2022-07-25	Monday	12:00	291°	+16°	0 dB	0°	291°	+16°	36°	+26°	6.0dB	500°K	405926 -279 Hz
2022-07-25	Monday	12:30	296°	+11°	0 dB	0°	296°	+11°	44°	+26°	6.1dB	500°K	405942 -273 Hz
2022-07-25	Monday	13:00	301°	+7°	0 dB	0°	301°	+7°	51°	+27°	6.1dB	500°K	405958 -264 Hz
2022-07-25	Monday	13:30	306°	+2°	0 dB	0°	306°	+2°	58°	+27°	6.1dB	500°K	405973 -250 Hz
2022-07-25	Monday	22:30	055°	+3°	0 dB	0°	055°	+3°	189°	+27°	5.8dB	470°K	406188 +240 Hz
2022-07-25	Monday	23:00	059°	+7°	0 dB	0°	059°	+7°	196°	+27°	5.8dB	467°K	406196 +253 Hz
2022-07-25	Monday	23:30	064°	+12°	0 dB	0°	064°	+12°	203°	+27°	5.8dB	464°K	406204 +262 Hz
2022-07-26	Tuesday	00:00	069°	+16°	0 dB	0°	069°	+16°	210°	+27°	5.7dB	461°K	406211 +267 Hz
2022-07-26	Tuesday	00:30	074°	+21°	0 dB	0°	074°	+21°	218°	+27°	5.7dB	458°K	406219 +267 Hz
2022-07-26	Tuesday	01:00	078°	+26°	0 dB	0°	078°	+26°	225°	+27°	5.7dB	454°K	406226 +263 Hz
2022-07-26	Tuesday	01:30	083°	+31°	0 dB	0°	083°	+31°	232°	+27°	5.7dB	451°K	406232 +255 Hz
2022-07-26	Tuesday	02:00	088°	+36°	0 dB	0°	088°	+36°	239°	+27°	5.6dB	448°K	406238 +243 Hz
2022-07-26	Tuesday	02:30	093°	+41°	0 dB	0°	093°	+41°	247°	+27°	5.6dB	445°K	406244 +227 Hz
2022-07-26	Tuesday	03:00	099°	+46°	0 dB	0°	099°	+46°	254°	+27°	5.6dB	442°K	406249 +206 Hz
2022-07-26	Tuesday	03:30	105°	+51°	0 dB	0°	105°	+51°	261°	+27°	5.6dB	438°K	406254 +183 Hz
2022-07-26	Tuesday	04:00	113°	+56°	0 dB	0°	113°	+56°	268°	+27°	5.5dB	435°K	406259 +156 Hz
2022-07-26	Tuesday	04:30	122°	+61°	0 dB	0°	122°	+61°	276°	+27°	5.5dB	432°K	406263 +126 Hz
2022-07-26	Tuesday	05:00	133°	+65°	0 dB	0°	133°	+65°	283°	+27°	5.5dB	429°K	406267 +94 Hz
2022-07-26	Tuesday	05:30	147°	+68°	0 dB	0°	147°	+68°	290°	+27°	5.4dB	426°K	406271 +61 Hz
2022-07-26	Tuesday	06:00	165°	+70°	0 dB	0°	165°	+70°	297°	+27°	5.4dB	422°K	406274 +26 Hz
2022-07-26	Tuesday	06:30	184°	+71°	0 dB	0°	184°	+71°	305°	+27°	5.4dB	419°K	406277 -9 Hz
2022-07-26	Tuesday	07:00	203°	+69°	0 dB	0°	203°	+69°	312°	+27°	5.4dB	416°K	406280 -44 Hz
2022-07-26	Tuesday	07:30	219°	+67°	0 dB	0°	219°	+67°	319°	+27°	5.3dB	413°K	406282 -78 Hz
2022-07-26	Tuesday	08:00	232°	+63°	0 dB	0°	232°	+63°	326°	+27°	5.3dB	411°K	406284 -111 Hz
2022-07-26	Tuesday	08:30	242°	+59°	0 dB	0°	242°	+59°	333°	+27°	5.3dB	410°K	406285 -141 Hz
2022-07-26	Tuesday	09:00	251°	+54°	0 dB	0°	251°	+54°	341°	+27°	5.3dB	408°K	406286 -170 Hz
2022-07-26	Tuesday	09:30	258°	+49°	0 dB	0°	258°	+49°	348°	+27°	5.3dB	406°K	406287 -196 Hz
2022-07-26	Tuesday	10:00	264°	+44°	0 dB	0°	264°	+44°	355°	+27°	5.3dB	405°K	406287 -218 Hz
2022-07-26	Tuesday	10:30	269°	+39°	0 dB	0°	269°	+39°	2°	+27°	5.2dB	403°K	406287 -237 Hz
2022-07-26	Tuesday	11:00	274°	+34°	0 dB	0°	274°	+34°	10°	+27°	5.2dB	402°K	406287 -251 Hz
2022-07-26	Tuesday	11:30	279°	+29°	0 dB	0°	279°	+29°	17°	+27°	5.2dB	400°K	406286 -262 Hz
2022-07-26	Tuesday	12:00	284°	+24°	0 dB	0°	284°	+24°	24°	+27°	5.2dB	398°K	406286 -268 Hz
2022-07-26	Tuesday	12:30	288°	+19°	0 dB	0°	288°	+19°	31°	+27°	5.2dB	397°K	406284 -270 Hz
2022-07-26	Tuesday	13:00	293°	+14°	0 dB	0°	293°	+14°	39°	+27°	5.2dB	395°K	406283 -268 Hz
2022-07-26	Tuesday	13:30	298°	+10°	0 dB	0°	298°	+10°	46°	+27°	5.2dB	394°K	406281 -261 Hz
2022-07-26	Tuesday	14:00	303°	+6°	0 dB	0°	303°	+6°	53°	+27°	5.1dB	392°K	406278 -250 Hz
2022-07-26	Tuesday	14:30	308°	+1°	0 dB	0°	308°	+1°	60°	+27°	5.1dB	390°K	406275 -236 Hz
2022-07-26	Tuesday	23:00	051°	+0°	0 dB	0°	051°	+0°	184°	+27°	4.8dB	360°K	406179 +237 Hz
2022-07-26	Tuesday	23:30	056°	+4°	0 dB	0°	056°	+4°	191°	+27°	4.8dB	358°K	406170 +252 Hz
2022-07-27	Wednesday	00:00	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	4.8dB	355°K	406161 +264 Hz
2022-07-27	Wednesday	00:30	066°	+13°	0 dB	0°	066°	+13°	205°	+27°	4.7dB	353°K	406152 +272 Hz
2022-07-27	Wednesday	01:00	070°	+18°	0 dB	0°	070°	+18°	213°	+27°	4.7dB	351°K	406142 +276 Hz
2022-07-27	Wednesday	01:30	075°	+23°	0 dB	0°	075°	+23°	220°	+27°	4.7dB	348°K	406132 +275 Hz
2022-07-27	Wednesday	02:00	080°	+27°	0 dB	0°	080°	+27°	227°	+27°	4.7dB	346°K	406122 +270 Hz
2022-07-27	Wednesday	02:30	085°	+32°	0 dB	0°	085°	+32°	234°	+27°	4.6dB	343°K	406111 +261 Hz
2022-07-27	Wednesday	03:00	090°	+38°	0 dB	0°	090°	+38°	242°	+27°	4.6dB	341°K	406100 +247 Hz
2022-07-27	Wednesday	03:30	095°	+43°	0 dB	0°	095°	+43°	249°	+27°	4.6dB	339°K	406089 +230 Hz
2022-07-27	Wednesday	04:00	101°	+48°	0 dB	0°	101°	+48°	256°	+27°	4.6dB	336°K	406077 +208 Hz
2022-07-27	Wednesday	04:30	108°	+53°	0 dB	0°	108°	+53°	263°	+27°	4.5dB	334°K	406066 +183 Hz
2022-07-27	Wednesday	05:00	116°	+57°	0 dB	0°	116°	+57°	271°	+27°	4.5dB	331°K	406053 +156 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-27	Wednesday05:30	126°	+62°	0 dB	0°	126°	+62°	278°	+27°	4.5dB	329°K	406041	+125 Hz
2022-07-27	Wednesday06:00	138°	+65°	0 dB	0°	138°	+65°	285°	+26°	4.4dB	327°K	406028	+93 Hz
2022-07-27	Wednesday06:30	153°	+68°	0 dB	0°	153°	+68°	292°	+26°	4.4dB	324°K	406015	+59 Hz
2022-07-27	Wednesday07:00	171°	+70°	0 dB	0°	171°	+70°	299°	+26°	4.4dB	322°K	406002	+24 Hz
2022-07-27	Wednesday07:30	190°	+70°	0 dB	0°	190°	+70°	307°	+26°	4.4dB	319°K	405988	-11 Hz
2022-07-27	Wednesday08:00	208°	+68°	0 dB	0°	208°	+68°	314°	+26°	4.3dB	317°K	405974	-46 Hz
2022-07-27	Wednesday08:30	223°	+65°	0 dB	0°	223°	+65°	321°	+26°	4.3dB	315°K	405959	-80 Hz
2022-07-27	Wednesday09:00	235°	+61°	0 dB	0°	235°	+61°	328°	+26°	4.3dB	312°K	405945	-113 Hz
2022-07-27	Wednesday09:30	244°	+57°	0 dB	0°	244°	+57°	336°	+26°	4.2dB	310°K	405930	-143 Hz
2022-07-27	Wednesday10:00	252°	+52°	0 dB	0°	252°	+52°	343°	+26°	4.2dB	308°K	405915	-171 Hz
2022-07-27	Wednesday10:30	259°	+47°	0 dB	0°	259°	+47°	350°	+26°	4.2dB	305°K	405899	-196 Hz
2022-07-27	Wednesday11:00	265°	+42°	0 dB	0°	265°	+42°	357°	+26°	4.2dB	303°K	405883	-218 Hz
2022-07-27	Wednesday11:30	270°	+37°	0 dB	0°	270°	+37°	5°	+26°	4.1dB	300°K	405867	-235 Hz
2022-07-27	Wednesday12:00	275°	+32°	0 dB	0°	275°	+32°	12°	+26°	4.1dB	297°K	405851	-249 Hz
2022-07-27	Wednesday12:30	280°	+27°	0 dB	0°	280°	+27°	19°	+26°	4.1dB	294°K	405834	-258 Hz
2022-07-27	Wednesday13:00	285°	+22°	0 dB	0°	285°	+22°	26°	+26°	4.0dB	291°K	405817	-264 Hz
2022-07-27	Wednesday13:30	289°	+17°	0 dB	0°	289°	+17°	34°	+26°	4.0dB	288°K	405799	-264 Hz
2022-07-27	Wednesday14:00	294°	+12°	0 dB	0°	294°	+12°	41°	+26°	3.9dB	285°K	405782	-261 Hz
2022-07-27	Wednesday14:30	299°	+8°	0 dB	0°	299°	+8°	48°	+26°	3.9dB	283°K	405764	-253 Hz
2022-07-27	Wednesday15:00	304°	+4°	0 dB	0°	304°	+4°	55°	+26°	3.9dB	280°K	405745	-241 Hz
2022-07-28	Thursday00:00	054°	+0°	0 dB	0°	054°	+0°	186°	+25°	3.2dB	SUN!	405367	+252 Hz
2022-07-28	Thursday00:30	059°	+5°	0 dB	0°	059°	+5°	193°	+25°	3.1dB	SUN!	405343	+266 Hz
2022-07-28	Thursday01:00	064°	+9°	0 dB	0°	064°	+9°	200°	+25°	3.1dB	SUN!	405319	+277 Hz
2022-07-28	Thursday01:30	068°	+14°	0 dB	0°	068°	+14°	208°	+25°	3.1dB	SUN!	405295	+284 Hz
2022-07-28	Thursday02:00	073°	+18°	0 dB	0°	073°	+18°	215°	+25°	3.1dB	SUN!	405270	+286 Hz
2022-07-28	Thursday02:30	078°	+23°	0 dB	0°	078°	+23°	222°	+25°	3.0dB	SUN!	405245	+284 Hz
2022-07-28	Thursday03:00	083°	+28°	0 dB	0°	083°	+28°	229°	+25°	3.0dB	SUN!	405220	+278 Hz
2022-07-28	Thursday03:30	088°	+33°	0 dB	0°	088°	+33°	237°	+25°	3.0dB	SUN!	405195	+267 Hz
2022-07-28	Thursday04:00	093°	+38°	0 dB	0°	093°	+38°	244°	+25°	3.0dB	SUN!	405169	+252 Hz
2022-07-28	Thursday04:30	099°	+43°	0 dB	0°	099°	+43°	251°	+25°	3.0dB	SUN!	405143	+233 Hz
2022-07-28	Thursday05:00	105°	+48°	0 dB	0°	105°	+48°	258°	+25°	3.0dB	SUN!	405117	+210 Hz
2022-07-28	Thursday05:30	112°	+53°	0 dB	0°	112°	+53°	266°	+25°	2.9dB	SUN!	405090	+184 Hz
2022-07-28	Thursday06:00	121°	+57°	0 dB	0°	121°	+57°	273°	+25°	2.9dB	SUN!	405063	+155 Hz
2022-07-28	Thursday06:30	131°	+62°	0 dB	0°	131°	+62°	280°	+25°	2.9dB	SUN!	405036	+123 Hz
2022-07-28	Thursday07:00	144°	+65°	0 dB	0°	144°	+65°	287°	+25°	2.9dB	SUN!	405009	+90 Hz
2022-07-28	Thursday07:30	160°	+67°	0 dB	0°	160°	+67°	295°	+25°	2.9dB	SUN!	404981	+55 Hz
2022-07-28	Thursday08:00	177°	+68°	0 dB	0°	177°	+68°	302°	+25°	2.9dB	SUN!	404954	+19 Hz
2022-07-28	Thursday08:30	195°	+68°	0 dB	0°	195°	+68°	309°	+25°	2.9dB	SUN!	404925	-17 Hz
2022-07-28	Thursday09:00	211°	+66°	0 dB	0°	211°	+66°	316°	+25°	2.8dB	SUN!	404897	-52 Hz
2022-07-28	Thursday09:30	225°	+62°	0 dB	0°	225°	+62°	324°	+24°	2.8dB	SUN!	404868	-86 Hz
2022-07-28	Thursday10:00	236°	+58°	0 dB	0°	236°	+58°	331°	+24°	2.8dB	SUN!	404839	-119 Hz
2022-07-28	Thursday10:30	245°	+54°	0 dB	0°	245°	+54°	338°	+24°	2.8dB	SUN!	404810	-149 Hz
2022-07-28	Thursday11:00	252°	+49°	0 dB	0°	252°	+49°	345°	+24°	2.8dB	SUN!	404781	-177 Hz
2022-07-28	Thursday11:30	259°	+44°	0 dB	0°	259°	+44°	353°	+24°	2.7dB	SUN!	404751	-201 Hz
2022-07-28	Thursday12:00	265°	+39°	0 dB	0°	265°	+39°	360°	+24°	2.7dB	SUN!	404721	-221 Hz
2022-07-28	Thursday12:30	270°	+34°	0 dB	0°	270°	+34°	7°	+24°	2.7dB	SUN!	404691	-238 Hz
2022-07-28	Thursday13:00	275°	+29°	0 dB	0°	275°	+29°	14°	+24°	2.7dB	SUN!	404660	-251 Hz
2022-07-28	Thursday13:30	280°	+24°	0 dB	0°	280°	+24°	22°	+24°	2.7dB	SUN!	404629	-259 Hz
2022-07-28	Thursday14:00	285°	+19°	0 dB	0°	285°	+19°	29°	+24°	2.7dB	SUN!	404598	-263 Hz
2022-07-28	Thursday14:30	289°	+14°	0 dB	0°	289°	+14°	36°	+24°	2.7dB	SUN!	404567	-262 Hz
2022-07-28	Thursday15:00	294°	+9°	0 dB	0°	294°	+9°	44°	+24°	2.6dB	SUN!	404535	-257 Hz
2022-07-28	Thursday15:30	299°	+5°	0 dB	0°	299°	+5°	51°	+24°	2.6dB	SUN!	404503	-247 Hz
2022-07-28	Thursday16:00	304°	+0°	0 dB	0°	304°	+0°	58°	+24°	2.6dB	SUN!	404471	-234 Hz
2022-07-29	Fri day01:00	057°	-0°	0 dB	0°	057°	-0°	189°	+23°	2.3dB	SUN!	403849	+269 Hz
2022-07-29	Fri day01:30	062°	+4°	0 dB	0°	062°	+4°	196°	+23°	2.3dB	SUN!	403812	+282 Hz
2022-07-29	Fri day02:00	067°	+9°	0 dB	0°	067°	+9°	203°	+23°	2.3dB	SUN!	403775	+292 Hz
2022-07-29	Fri day02:30	072°	+13°	0 dB	0°	072°	+13°	210°	+23°	2.2dB	SUN!	403738	+297 Hz
2022-07-29	Fri day03:00	077°	+18°	0 dB	0°	077°	+18°	218°	+22°	2.2dB	SUN!	403700	+298 Hz
2022-07-29	Fri day03:30	082°	+23°	0 dB	0°	082°	+23°	225°	+22°	2.2dB	SUN!	403662	+294 Hz
2022-07-29	Fri day04:00	087°	+28°	0 dB	0°	087°	+28°	232°	+22°	2.2dB	SUN!	403624	+286 Hz
2022-07-29	Fri day04:30	092°	+33°	0 dB	0°	092°	+33°	239°	+22°	2.2dB	SUN!	403585	+273 Hz
2022-07-29	Fri day05:00	098°	+38°	0 dB	0°	098°	+38°	247°	+22°	2.2dB	SUN!	403547	+256 Hz
2022-07-29	Fri day05:30	104°	+43°	0 dB	0°	104°	+43°	254°	+22°	2.2dB	SUN!	403508	+235 Hz
2022-07-29	Fri day06:00	111°	+48°	0 dB	0°	111°	+48°	261°	+22°	2.2dB	SUN!	403468	+211 Hz
2022-07-29	Fri day06:30	119°	+53°	0 dB	0°	119°	+53°	269°	+22°	2.2dB	SUN!	403429	+183 Hz
2022-07-29	Fri day07:00	128°	+57°	0 dB	0°	128°	+57°	276°	+22°	2.2dB	SUN!	403389	+152 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-29	Fri day	07:30	139°	+60°	0 dB	0°	139°	+60°	283°	+22°	2.2dB	SUN!	403349 +119 Hz
2022-07-29	Fri day	08:00	153°	+63°	0 dB	0°	153°	+63°	290°	+22°	2.2dB	175°K	403309 +84 Hz
2022-07-29	Fri day	08:30	168°	+65°	0 dB	0°	168°	+65°	298°	+22°	2.2dB	176°K	403269 +47 Hz
2022-07-29	Fri day	09:00	184°	+65°	0 dB	0°	184°	+65°	305°	+22°	2.2dB	176°K	403228 +11 Hz
2022-07-29	Fri day	09:30	200°	+64°	0 dB	0°	200°	+64°	312°	+22°	2.2dB	176°K	403187 -26 Hz
2022-07-29	Fri day	10:00	214°	+62°	0 dB	0°	214°	+62°	319°	+21°	2.2dB	177°K	403146 -62 Hz
2022-07-29	Fri day	10:30	226°	+58°	0 dB	0°	226°	+58°	327°	+21°	2.2dB	177°K	403105 -96 Hz
2022-07-29	Fri day	11:00	236°	+54°	0 dB	0°	236°	+54°	334°	+21°	2.2dB	177°K	403063 -129 Hz
2022-07-29	Fri day	11:30	244°	+50°	0 dB	0°	244°	+50°	341°	+21°	2.2dB	178°K	403021 -159 Hz
2022-07-29	Fri day	12:00	252°	+45°	0 dB	0°	252°	+45°	348°	+21°	2.2dB	178°K	402979 -186 Hz
2022-07-29	Fri day	12:30	258°	+40°	0 dB	0°	258°	+40°	356°	+21°	2.2dB	178°K	402937 -209 Hz
2022-07-29	Fri day	13:00	264°	+35°	0 dB	0°	264°	+35°	3°	+21°	2.2dB	178°K	402894 -229 Hz
2022-07-29	Fri day	13:30	269°	+30°	0 dB	0°	269°	+30°	10°	+21°	2.2dB	179°K	402852 -244 Hz
2022-07-29	Fri day	14:00	274°	+25°	0 dB	0°	274°	+25°	17°	+21°	2.2dB	179°K	402808 -255 Hz
2022-07-29	Fri day	14:30	279°	+20°	0 dB	0°	279°	+20°	25°	+21°	2.2dB	179°K	402765 -262 Hz
2022-07-29	Fri day	15:00	284°	+15°	0 dB	0°	284°	+15°	32°	+21°	2.2dB	180°K	402722 -264 Hz
2022-07-29	Fri day	15:30	289°	+10°	0 dB	0°	289°	+10°	39°	+21°	2.2dB	180°K	402678 -261 Hz
2022-07-29	Fri day	16:00	294°	+5°	0 dB	0°	294°	+5°	47°	+21°	2.2dB	180°K	402634 -254 Hz
2022-07-29	Fri day	16:30	299°	+0°	0 dB	0°	299°	+0°	54°	+21°	2.2dB	181°K	402590 -243 Hz
2022-07-30	Saturday	02:30	067°	+3°	0 dB	0°	067°	+3°	199°	+19°	2.3dB	184°K	401655 +299 Hz
2022-07-30	Saturday	03:00	072°	+8°	0 dB	0°	072°	+8°	206°	+19°	2.3dB	184°K	401606 +307 Hz
2022-07-30	Saturday	03:30	077°	+13°	0 dB	0°	077°	+13°	214°	+19°	2.3dB	185°K	401557 +310 Hz
2022-07-30	Saturday	04:00	082°	+18°	0 dB	0°	082°	+18°	221°	+19°	2.3dB	185°K	401507 +309 Hz
2022-07-30	Saturday	04:30	087°	+23°	0 dB	0°	087°	+23°	228°	+19°	2.3dB	185°K	401457 +303 Hz
2022-07-30	Saturday	05:00	093°	+28°	0 dB	0°	093°	+28°	235°	+18°	2.3dB	185°K	401407 +293 Hz
2022-07-30	Saturday	05:30	098°	+33°	0 dB	0°	098°	+33°	243°	+18°	2.3dB	185°K	401357 +278 Hz
2022-07-30	Saturday	06:00	104°	+38°	0 dB	0°	104°	+38°	250°	+18°	2.3dB	185°K	401306 +258 Hz
2022-07-30	Saturday	06:30	111°	+43°	0 dB	0°	111°	+43°	257°	+18°	2.3dB	185°K	401256 +235 Hz
2022-07-30	Saturday	07:00	118°	+47°	0 dB	0°	118°	+47°	265°	+18°	2.3dB	186°K	401205 +208 Hz
2022-07-30	Saturday	07:30	127°	+51°	0 dB	0°	127°	+51°	272°	+18°	2.3dB	186°K	401153 +178 Hz
2022-07-30	Saturday	08:00	137°	+55°	0 dB	0°	137°	+55°	279°	+18°	2.3dB	186°K	401102 +145 Hz
2022-07-30	Saturday	08:30	148°	+58°	0 dB	0°	148°	+58°	286°	+18°	2.3dB	186°K	401050 +110 Hz
2022-07-30	Saturday	09:00	162°	+60°	0 dB	0°	162°	+60°	294°	+18°	2.3dB	186°K	400998 +74 Hz
2022-07-30	Saturday	09:30	176°	+61°	0 dB	0°	176°	+61°	301°	+18°	2.3dB	186°K	400946 +36 Hz
2022-07-30	Saturday	10:00	190°	+61°	0 dB	0°	190°	+61°	308°	+18°	2.3dB	186°K	400894 -2 Hz
2022-07-30	Saturday	10:30	204°	+59°	0 dB	0°	204°	+59°	315°	+17°	2.3dB	187°K	400841 -39 Hz
2022-07-30	Saturday	11:00	216°	+57°	0 dB	0°	216°	+57°	323°	+17°	2.3dB	187°K	400788 -75 Hz
2022-07-30	Saturday	11:30	227°	+53°	0 dB	0°	227°	+53°	330°	+17°	2.3dB	187°K	400735 -110 Hz
2022-07-30	Saturday	12:00	236°	+49°	0 dB	0°	236°	+49°	337°	+17°	2.3dB	188°K	400682 -142 Hz
2022-07-30	Saturday	12:30	244°	+44°	0 dB	0°	244°	+44°	345°	+17°	2.3dB	188°K	400629 -171 Hz
2022-07-30	Saturday	13:00	251°	+40°	0 dB	0°	251°	+40°	352°	+17°	2.3dB	188°K	400575 -197 Hz
2022-07-30	Saturday	13:30	257°	+35°	0 dB	0°	257°	+35°	359°	+17°	2.3dB	188°K	400521 -219 Hz
2022-07-30	Saturday	14:00	263°	+30°	0 dB	0°	263°	+30°	6°	+17°	2.3dB	189°K	400467 -237 Hz
2022-07-30	Saturday	14:30	268°	+25°	0 dB	0°	268°	+25°	14°	+17°	2.3dB	189°K	400412 -251 Hz
2022-07-30	Saturday	15:00	273°	+19°	0 dB	0°	273°	+19°	21°	+17°	2.3dB	189°K	400358 -260 Hz
2022-07-30	Saturday	15:30	278°	+14°	0 dB	0°	278°	+14°	28°	+17°	2.3dB	190°K	400303 -265 Hz
2022-07-30	Saturday	16:00	283°	+9°	0 dB	0°	283°	+9°	35°	+16°	2.3dB	190°K	400248 -264 Hz
2022-07-30	Saturday	16:30	288°	+4°	0 dB	0°	288°	+4°	43°	+16°	2.3dB	190°K	400192 -260 Hz
2022-07-31	Sunday	03:30	073°	+2°	0 dB	0°	073°	+2°	203°	+14°	2.3dB	196°K	398918 +315 Hz
2022-07-31	Sunday	04:00	078°	+7°	0 dB	0°	078°	+7°	210°	+14°	2.4dB	197°K	398858 +321 Hz
2022-07-31	Sunday	04:30	083°	+12°	0 dB	0°	083°	+12°	217°	+14°	2.4dB	197°K	398797 +322 Hz
2022-07-31	Sunday	05:00	088°	+17°	0 dB	0°	088°	+17°	225°	+14°	2.4dB	197°K	398736 +318 Hz
2022-07-31	Sunday	05:30	094°	+22°	0 dB	0°	094°	+22°	232°	+14°	2.4dB	197°K	398675 +310 Hz
2022-07-31	Sunday	06:00	099°	+27°	0 dB	0°	099°	+27°	239°	+14°	2.4dB	198°K	398614 +297 Hz
2022-07-31	Sunday	06:30	105°	+32°	0 dB	0°	105°	+32°	246°	+14°	2.4dB	198°K	398552 +279 Hz
2022-07-31	Sunday	07:00	112°	+37°	0 dB	0°	112°	+37°	254°	+14°	2.4dB	198°K	398490 +257 Hz
2022-07-31	Sunday	07:30	119°	+41°	0 dB	0°	119°	+41°	261°	+13°	2.4dB	199°K	398428 +231 Hz
2022-07-31	Sunday	08:00	127°	+46°	0 dB	0°	127°	+46°	268°	+13°	2.4dB	199°K	398366 +202 Hz
2022-07-31	Sunday	08:30	136°	+49°	0 dB	0°	136°	+49°	276°	+13°	2.4dB	199°K	398303 +169 Hz
2022-07-31	Sunday	09:00	146°	+52°	0 dB	0°	146°	+52°	283°	+13°	2.4dB	199°K	398241 +135 Hz
2022-07-31	Sunday	09:30	158°	+55°	0 dB	0°	158°	+55°	290°	+13°	2.4dB	200°K	398178 +98 Hz
2022-07-31	Sunday	10:00	170°	+56°	0 dB	0°	170°	+56°	297°	+13°	2.4dB	200°K	398115 +60 Hz
2022-07-31	Sunday	10:30	183°	+56°	0 dB	0°	183°	+56°	305°	+13°	2.4dB	200°K	398051 +21 Hz
2022-07-31	Sunday	11:00	196°	+55°	0 dB	0°	196°	+55°	312°	+13°	2.4dB	201°K	397988 -17 Hz
2022-07-31	Sunday	11:30	208°	+53°	0 dB	0°	208°	+53°	319°	+13°	2.4dB	201°K	397924 -55 Hz
2022-07-31	Sunday	12:00	218°	+50°	0 dB	0°	218°	+50°	327°	+13°	2.4dB	201°K	397860 -91 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-07-31	Sunday	12: 30	228°	+47°	0 dB	0°	228°	+47°	334°	+12°	2. 4dB	201°K	397795 -125 Hz
2022-07-31	Sunday	13: 00	236°	+43°	0 dB	0°	236°	+43°	341°	+12°	2. 4dB	202°K	397731 -157 Hz
2022-07-31	Sunday	13: 30	244°	+38°	0 dB	0°	244°	+38°	348°	+12°	2. 4dB	202°K	397666 -185 Hz
2022-07-31	Sunday	14: 00	250°	+33°	0 dB	0°	250°	+33°	356°	+12°	2. 4dB	202°K	397601 -209 Hz
2022-07-31	Sunday	14: 30	256°	+28°	0 dB	0°	256°	+28°	3°	+12°	2. 4dB	202°K	397536 -230 Hz
2022-07-31	Sunday	15: 00	262°	+23°	0 dB	0°	262°	+23°	10°	+12°	2. 4dB	203°K	397471 -246 Hz
2022-07-31	Sunday	15: 30	267°	+18°	0 dB	0°	267°	+18°	18°	+12°	2. 4dB	203°K	397405 -257 Hz
2022-07-31	Sunday	16: 00	272°	+13°	0 dB	0°	272°	+13°	25°	+12°	2. 4dB	203°K	397339 -264 Hz
2022-07-31	Sunday	16: 30	277°	+8°	0 dB	0°	277°	+8°	32°	+12°	2. 4dB	204°K	397273 -266 Hz
2022-07-31	Sunday	17: 00	283°	+3°	0 dB	0°	283°	+3°	39°	+11°	2. 4dB	204°K	397207 -263 Hz
2022-08-01	Monday	04: 30	079°	+1°	0 dB	0°	079°	+1°	207°	+9°	2. 4dB	210°K	395622 +329 Hz
2022-08-01	Monday	05: 00	085°	+6°	0 dB	0°	085°	+6°	214°	+9°	2. 4dB	210°K	395550 +332 Hz
2022-08-01	Monday	05: 30	090°	+11°	0 dB	0°	090°	+11°	221°	+9°	2. 4dB	211°K	395478 +331 Hz
2022-08-01	Monday	06: 00	095°	+16°	0 dB	0°	095°	+16°	229°	+9°	2. 4dB	211°K	395406 +324 Hz
2022-08-01	Monday	06: 30	101°	+21°	0 dB	0°	101°	+21°	236°	+8°	2. 4dB	211°K	395334 +313 Hz
2022-08-01	Monday	07: 00	107°	+26°	0 dB	0°	107°	+26°	243°	+8°	2. 5dB	212°K	395262 +297 Hz
2022-08-01	Monday	07: 30	113°	+31°	0 dB	0°	113°	+31°	251°	+8°	2. 4dB	212°K	395189 +276 Hz
2022-08-01	Monday	08: 00	120°	+35°	0 dB	0°	120°	+35°	258°	+8°	2. 4dB	212°K	395116 +251 Hz
2022-08-01	Monday	08: 30	127°	+39°	0 dB	0°	127°	+39°	265°	+8°	2. 4dB	212°K	395043 +223 Hz
2022-08-01	Monday	09: 00	136°	+43°	0 dB	0°	136°	+43°	272°	+8°	2. 5dB	213°K	394970 +191 Hz
2022-08-01	Monday	09: 30	145°	+46°	0 dB	0°	145°	+46°	280°	+8°	2. 5dB	214°K	394896 +157 Hz
2022-08-01	Monday	10: 00	155°	+49°	0 dB	0°	155°	+49°	287°	+8°	2. 5dB	216°K	394823 +120 Hz
2022-08-01	Monday	10: 30	166°	+50°	0 dB	0°	166°	+50°	294°	+8°	2. 5dB	217°K	394749 +82 Hz
2022-08-01	Monday	11: 00	178°	+51°	0 dB	0°	178°	+51°	302°	+7°	2. 5dB	219°K	394674 +43 Hz
2022-08-01	Monday	11: 30	189°	+50°	0 dB	0°	189°	+50°	309°	+7°	2. 5dB	220°K	394600 +4 Hz
2022-08-01	Monday	12: 00	200°	+49°	0 dB	0°	200°	+49°	316°	+7°	2. 6dB	222°K	394525 -35 Hz
2022-08-01	Monday	12: 30	211°	+47°	0 dB	0°	211°	+47°	323°	+7°	2. 6dB	223°K	394450 -72 Hz
2022-08-01	Monday	13: 00	220°	+44°	0 dB	0°	220°	+44°	331°	+7°	2. 6dB	225°K	394375 -108 Hz
2022-08-01	Monday	13: 30	229°	+40°	0 dB	0°	229°	+40°	338°	+7°	2. 6dB	226°K	394300 -141 Hz
2022-08-01	Monday	14: 00	236°	+36°	0 dB	0°	236°	+36°	345°	+7°	2. 7dB	228°K	394225 -171 Hz
2022-08-01	Monday	14: 30	243°	+31°	0 dB	0°	243°	+31°	353°	+7°	2. 7dB	229°K	394149 -197 Hz
2022-08-01	Monday	15: 00	249°	+26°	0 dB	0°	249°	+26°	360°	+7°	2. 7dB	231°K	394073 -220 Hz
2022-08-01	Monday	15: 30	255°	+22°	0 dB	0°	255°	+22°	7°	+6°	2. 7dB	232°K	393997 -238 Hz
2022-08-01	Monday	16: 00	261°	+16°	0 dB	0°	261°	+16°	14°	+6°	2. 7dB	234°K	393921 -251 Hz
2022-08-01	Monday	16: 30	266°	+11°	0 dB	0°	266°	+11°	22°	+6°	2. 7dB	235°K	393844 -260 Hz
2022-08-01	Monday	17: 00	271°	+6°	0 dB	0°	271°	+6°	29°	+6°	2. 8dB	237°K	393767 -264 Hz
2022-08-01	Monday	17: 30	277°	+1°	0 dB	0°	277°	+1°	36°	+6°	2. 8dB	238°K	393690 -263 Hz
2022-08-02	Tuesday	05: 30	086°	+0°	0 dB	0°	086°	+0°	211°	+3°	3. 2dB	275°K	391778 +339 Hz
2022-08-02	Tuesday	06: 00	092°	+5°	0 dB	0°	092°	+5°	218°	+3°	3. 2dB	277°K	391696 +339 Hz
2022-08-02	Tuesday	06: 30	097°	+10°	0 dB	0°	097°	+10°	226°	+3°	3. 2dB	279°K	391614 +335 Hz
2022-08-02	Tuesday	07: 00	103°	+15°	0 dB	0°	103°	+15°	233°	+3°	3. 3dB	280°K	391531 +325 Hz
2022-08-02	Tuesday	07: 30	109°	+20°	0 dB	0°	109°	+20°	240°	+3°	3. 3dB	282°K	391448 +311 Hz
2022-08-02	Tuesday	08: 00	115°	+24°	0 dB	0°	115°	+24°	248°	+3°	3. 3dB	284°K	391365 +292 Hz
2022-08-02	Tuesday	08: 30	121°	+29°	0 dB	0°	121°	+29°	255°	+2°	3. 3dB	285°K	391282 +269 Hz
2022-08-02	Tuesday	09: 00	128°	+33°	0 dB	0°	128°	+33°	262°	+2°	3. 3dB	287°K	391198 +241 Hz
2022-08-02	Tuesday	09: 30	136°	+37°	0 dB	0°	136°	+37°	269°	+2°	3. 4dB	289°K	391114 +211 Hz
2022-08-02	Tuesday	10: 00	144°	+40°	0 dB	0°	144°	+40°	277°	+2°	3. 4dB	290°K	391030 +177 Hz
2022-08-02	Tuesday	10: 30	154°	+42°	0 dB	0°	154°	+42°	284°	+2°	3. 4dB	292°K	390946 +141 Hz
2022-08-02	Tuesday	11: 00	163°	+44°	0 dB	0°	163°	+44°	291°	+2°	3. 4dB	294°K	390862 +103 Hz
2022-08-02	Tuesday	11: 30	174°	+45°	0 dB	0°	174°	+45°	299°	+2°	3. 4dB	295°K	390777 +64 Hz
2022-08-02	Tuesday	12: 00	184°	+45°	0 dB	0°	184°	+45°	306°	+2°	3. 4dB	297°K	390693 +25 Hz
2022-08-02	Tuesday	12: 30	194°	+44°	0 dB	0°	194°	+44°	313°	+1°	3. 4dB	298°K	390608 -14 Hz
2022-08-02	Tuesday	13: 00	204°	+42°	0 dB	0°	204°	+42°	320°	+1°	3. 5dB	300°K	390522 -53 Hz
2022-08-02	Tuesday	13: 30	213°	+40°	0 dB	0°	213°	+40°	328°	+1°	3. 5dB	302°K	390437 -89 Hz
2022-08-02	Tuesday	14: 00	222°	+36°	0 dB	0°	222°	+36°	335°	+1°	3. 5dB	303°K	390352 -123 Hz
2022-08-02	Tuesday	14: 30	229°	+33°	0 dB	0°	229°	+33°	342°	+1°	3. 5dB	305°K	390266 -155 Hz
2022-08-02	Tuesday	15: 00	236°	+28°	0 dB	0°	236°	+28°	350°	+1°	3. 5dB	307°K	390180 -183 Hz
2022-08-02	Tuesday	15: 30	243°	+24°	0 dB	0°	243°	+24°	357°	+1°	3. 5dB	308°K	390094 -207 Hz
2022-08-02	Tuesday	16: 00	249°	+19°	0 dB	0°	249°	+19°	4°	+1°	3. 6dB	310°K	390007 -227 Hz
2022-08-02	Tuesday	16: 30	254°	+14°	0 dB	0°	254°	+14°	11°	+0°	3. 6dB	312°K	389921 -242 Hz
2022-08-02	Tuesday	17: 00	260°	+9°	0 dB	0°	260°	+9°	19°	+0°	3. 6dB	313°K	389834 -253 Hz
2022-08-02	Tuesday	17: 30	265°	+4°	0 dB	0°	265°	+4°	26°	+0°	3. 6dB	313°K	389747 -258 Hz
2022-08-03	Wednesday	07: 00	099°	+3°	0 dB	0°	099°	+3°	223°	-3°	3. 5dB	313°K	387328 +341 Hz
2022-08-03	Wednesday	07: 30	104°	+8°	0 dB	0°	104°	+8°	230°	-3°	3. 5dB	313°K	387236 +333 Hz
2022-08-03	Wednesday	08: 00	110°	+13°	0 dB	0°	110°	+13°	237°	-3°	3. 5dB	313°K	387143 +321 Hz
2022-08-03	Wednesday	08: 30	116°	+18°	0 dB	0°	116°	+18°	244°	-3°	3. 5dB	313°K	387051 +304 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-03	Wednesday 09:00	122°	+22°	0 dB	0°	122°	+22°	252°	-4°	3.4dB	312°K	386958	+283 Hz
2022-08-03	Wednesday 09:30	129°	+26°	0 dB	0°	129°	+26°	259°	-4°	3.4dB	312°K	386865	+257 Hz
2022-08-03	Wednesday 10:00	136°	+30°	0 dB	0°	136°	+30°	266°	-4°	3.4dB	312°K	386772	+228 Hz
2022-08-03	Wednesday 10:30	144°	+33°	0 dB	0°	144°	+33°	274°	-4°	3.4dB	312°K	386679	+196 Hz
2022-08-03	Wednesday 11:00	152°	+35°	0 dB	0°	152°	+35°	281°	-4°	3.4dB	311°K	386585	+161 Hz
2022-08-03	Wednesday 11:30	161°	+37°	0 dB	0°	161°	+37°	288°	-4°	3.4dB	311°K	386492	+124 Hz
2022-08-03	Wednesday 12:00	170°	+39°	0 dB	0°	170°	+39°	295°	-4°	3.4dB	311°K	386398	+85 Hz
2022-08-03	Wednesday 12:30	180°	+39°	0 dB	0°	180°	+39°	303°	-4°	3.4dB	310°K	386304	+46 Hz
2022-08-03	Wednesday 13:00	189°	+38°	0 dB	0°	189°	+38°	310°	-4°	3.4dB	310°K	386210	+7 Hz
2022-08-03	Wednesday 13:30	198°	+37°	0 dB	0°	198°	+37°	317°	-5°	3.4dB	310°K	386116	-31 Hz
2022-08-03	Wednesday 14:00	207°	+35°	0 dB	0°	207°	+35°	324°	-5°	3.4dB	310°K	386022	-68 Hz
2022-08-03	Wednesday 14:30	215°	+32°	0 dB	0°	215°	+32°	332°	-5°	3.4dB	309°K	385927	-103 Hz
2022-08-03	Wednesday 15:00	222°	+29°	0 dB	0°	222°	+29°	339°	-5°	3.4dB	309°K	385833	-135 Hz
2022-08-03	Wednesday 15:30	230°	+25°	0 dB	0°	230°	+25°	346°	-5°	3.4dB	309°K	385738	-165 Hz
2022-08-03	Wednesday 16:00	236°	+21°	0 dB	0°	236°	+21°	354°	-5°	3.3dB	308°K	385643	-190 Hz
2022-08-03	Wednesday 16:30	242°	+17°	0 dB	0°	242°	+17°	1°	-5°	3.3dB	308°K	385548	-212 Hz
2022-08-03	Wednesday 17:00	248°	+12°	0 dB	0°	248°	+12°	8°	-5°	3.3dB	308°K	385452	-229 Hz
2022-08-03	Wednesday 17:30	253°	+7°	0 dB	0°	253°	+7°	15°	-6°	3.3dB	308°K	385357	-241 Hz
2022-08-03	Wednesday 18:00	259°	+2°	0 dB	0°	259°	+2°	23°	-6°	3.3dB	307°K	385261	-249 Hz
2022-08-04	Thursday 08:00	106°	+2°	0 dB	0°	106°	+2°	226°	-9°	3.3dB	316°K	382527	+337 Hz
2022-08-04	Thursday 08:30	111°	+6°	0 dB	0°	111°	+6°	234°	-9°	3.3dB	316°K	382427	+327 Hz
2022-08-04	Thursday 09:00	117°	+11°	0 dB	0°	117°	+11°	241°	-9°	3.3dB	317°K	382328	+312 Hz
2022-08-04	Thursday 09:30	123°	+15°	0 dB	0°	123°	+15°	248°	-9°	3.3dB	318°K	382228	+293 Hz
2022-08-04	Thursday 10:00	129°	+19°	0 dB	0°	129°	+19°	255°	-10°	3.3dB	319°K	382128	+270 Hz
2022-08-04	Thursday 10:30	136°	+23°	0 dB	0°	136°	+23°	263°	-10°	3.3dB	319°K	382028	+243 Hz
2022-08-04	Thursday 11:00	143°	+26°	0 dB	0°	143°	+26°	270°	-10°	3.3dB	320°K	381928	+213 Hz
2022-08-04	Thursday 11:30	150°	+29°	0 dB	0°	150°	+29°	277°	-10°	3.3dB	321°K	381828	+179 Hz
2022-08-04	Thursday 12:00	158°	+31°	0 dB	0°	158°	+31°	284°	-10°	3.3dB	322°K	381728	+144 Hz
2022-08-04	Thursday 12:30	167°	+32°	0 dB	0°	167°	+32°	292°	-10°	3.3dB	322°K	381628	+107 Hz
2022-08-04	Thursday 13:00	175°	+33°	0 dB	0°	175°	+33°	299°	-10°	3.3dB	323°K	381527	+69 Hz
2022-08-04	Thursday 13:30	184°	+33°	0 dB	0°	184°	+33°	306°	-10°	3.3dB	324°K	381427	+30 Hz
2022-08-04	Thursday 14:00	192°	+32°	0 dB	0°	192°	+32°	314°	-11°	3.3dB	325°K	381326	-8 Hz
2022-08-04	Thursday 14:30	201°	+30°	0 dB	0°	201°	+30°	321°	-11°	3.3dB	325°K	381226	-45 Hz
2022-08-04	Thursday 15:00	208°	+28°	0 dB	0°	208°	+28°	328°	-11°	3.3dB	326°K	381125	-80 Hz
2022-08-04	Thursday 15:30	216°	+25°	0 dB	0°	216°	+25°	335°	-11°	3.3dB	327°K	381024	-113 Hz
2022-08-04	Thursday 16:00	223°	+22°	0 dB	0°	223°	+22°	343°	-11°	3.4dB	329°K	380923	-143 Hz
2022-08-04	Thursday 16:30	229°	+18°	0 dB	0°	229°	+18°	350°	-11°	3.4dB	330°K	380822	-170 Hz
2022-08-04	Thursday 17:00	235°	+14°	0 dB	0°	235°	+14°	357°	-11°	3.4dB	331°K	380721	-193 Hz
2022-08-04	Thursday 17:30	241°	+10°	0 dB	0°	241°	+10°	4°	-11°	3.4dB	332°K	380620	-212 Hz
2022-08-04	Thursday 18:00	247°	+5°	0 dB	0°	247°	+5°	12°	-11°	3.4dB	333°K	380518	-226 Hz
2022-08-04	Thursday 18:30	252°	+0°	0 dB	0°	252°	+0°	19°	-12°	3.4dB	335°K	380417	-236 Hz
2022-08-05	Fri day 09:30	117°	+4°	0 dB	0°	117°	+4°	237°	-15°	3.6dB	370°K	377352	+316 Hz
2022-08-05	Fri day 10:00	123°	+8°	0 dB	0°	123°	+8°	244°	-15°	3.6dB	371°K	377250	+300 Hz
2022-08-05	Fri day 10:30	129°	+12°	0 dB	0°	129°	+12°	251°	-15°	3.6dB	372°K	377147	+279 Hz
2022-08-05	Fri day 11:00	135°	+16°	0 dB	0°	135°	+16°	258°	-15°	3.7dB	373°K	377044	+255 Hz
2022-08-05	Fri day 11:30	141°	+19°	0 dB	0°	141°	+19°	266°	-15°	3.7dB	374°K	376942	+228 Hz
2022-08-05	Fri day 12:00	148°	+22°	0 dB	0°	148°	+22°	273°	-15°	3.7dB	376°K	376839	+197 Hz
2022-08-05	Fri day 12:30	156°	+24°	0 dB	0°	156°	+24°	280°	-16°	3.7dB	377°K	376737	+164 Hz
2022-08-05	Fri day 13:00	163°	+26°	0 dB	0°	163°	+26°	287°	-16°	3.7dB	378°K	376634	+129 Hz
2022-08-05	Fri day 13:30	171°	+27°	0 dB	0°	171°	+27°	295°	-16°	3.7dB	379°K	376532	+92 Hz
2022-08-05	Fri day 14:00	179°	+27°	0 dB	0°	179°	+27°	302°	-16°	3.7dB	380°K	376429	+55 Hz
2022-08-05	Fri day 14:30	187°	+27°	0 dB	0°	187°	+27°	309°	-16°	3.7dB	381°K	376327	+18 Hz
2022-08-05	Fri day 15:00	194°	+26°	0 dB	0°	194°	+26°	316°	-16°	3.7dB	382°K	376224	-19 Hz
2022-08-05	Fri day 15:30	202°	+24°	0 dB	0°	202°	+24°	324°	-16°	3.7dB	383°K	376122	-54 Hz
2022-08-05	Fri day 16:00	209°	+22°	0 dB	0°	209°	+22°	331°	-16°	3.7dB	384°K	376019	-87 Hz
2022-08-05	Fri day 16:30	216°	+19°	0 dB	0°	216°	+19°	338°	-16°	3.7dB	386°K	375917	-118 Hz
2022-08-05	Fri day 17:00	222°	+16°	0 dB	0°	222°	+16°	345°	-17°	3.7dB	387°K	375814	-146 Hz
2022-08-05	Fri day 17:30	228°	+12°	0 dB	0°	228°	+12°	353°	-17°	3.7dB	388°K	375712	-171 Hz
2022-08-05	Fri day 18:00	234°	+8°	0 dB	0°	234°	+8°	360°	-17°	3.7dB	389°K	375610	-192 Hz
2022-08-05	Fri day 18:30	240°	+4°	0 dB	0°	240°	+4°	7°	-17°	3.7dB	390°K	375507	-208 Hz
2022-08-06	Saturday 10:30	122°	+1°	0 dB	0°	122°	+1°	239°	-20°	4.0dB	429°K	372273	+302 Hz
2022-08-06	Saturday 11:00	127°	+5°	0 dB	0°	127°	+5°	246°	-20°	4.0dB	431°K	372174	+285 Hz
2022-08-06	Saturday 11:30	133°	+9°	0 dB	0°	133°	+9°	253°	-20°	4.0dB	433°K	372075	+265 Hz
2022-08-06	Saturday 12:00	139°	+12°	0 dB	0°	139°	+12°	260°	-20°	4.0dB	436°K	371976	+240 Hz
2022-08-06	Saturday 12:30	145°	+15°	0 dB	0°	145°	+15°	267°	-20°	4.0dB	438°K	371877	+213 Hz
2022-08-06	Saturday 13:00	152°	+18°	0 dB	0°	152°	+18°	275°	-20°	4.0dB	441°K	371778	+183 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-08-06	Saturday	13: 30	159°	+20°	0 dB	0°	159°	+20°	282°	-21°	4. 1dB	443°K	371680	+150 Hz
2022-08-06	Saturday	14: 00	166°	+21°	0 dB	0°	166°	+21°	289°	-21°	4. 1dB	445°K	371581	+116 Hz
2022-08-06	Saturday	14: 30	173°	+22°	0 dB	0°	173°	+22°	296°	-21°	4. 1dB	448°K	371483	+80 Hz
2022-08-06	Saturday	15: 00	181°	+22°	0 dB	0°	181°	+22°	304°	-21°	4. 1dB	450°K	371385	+45 Hz
2022-08-06	Saturday	15: 30	188°	+22°	0 dB	0°	188°	+22°	311°	-21°	4. 1dB	453°K	371287	+9 Hz
2022-08-06	Saturday	16: 00	195°	+21°	0 dB	0°	195°	+21°	318°	-21°	4. 1dB	455°K	371189	-26 Hz
2022-08-06	Saturday	16: 30	202°	+19°	0 dB	0°	202°	+19°	325°	-21°	4. 2dB	458°K	371092	-60 Hz
2022-08-06	Saturday	17: 00	209°	+17°	0 dB	0°	209°	+17°	332°	-21°	4. 2dB	460°K	370995	-91 Hz
2022-08-06	Saturday	17: 30	215°	+14°	0 dB	0°	215°	+14°	340°	-21°	4. 2dB	463°K	370897	-121 Hz
2022-08-06	Saturday	18: 00	221°	+11°	0 dB	0°	221°	+11°	347°	-21°	4. 2dB	465°K	370800	-147 Hz
2022-08-06	Saturday	18: 30	227°	+7°	0 dB	0°	227°	+7°	354°	-21°	4. 2dB	467°K	370704	-170 Hz
2022-08-06	Saturday	19: 00	233°	+3°	0 dB	0°	233°	+3°	1°	-22°	4. 2dB	470°K	370607	-189 Hz
2022-08-07	Sunday	12: 00	130°	+2°	0 dB	0°	130°	+2°	246°	-24°	5. 5dB	681°K	367464	+271 Hz
2022-08-07	Sunday	12: 30	136°	+6°	0 dB	0°	136°	+6°	254°	-24°	5. 6dB	692°K	367377	+250 Hz
2022-08-07	Sunday	13: 00	142°	+9°	0 dB	0°	142°	+9°	261°	-24°	5. 7dB	703°K	367289	+227 Hz
2022-08-07	Sunday	13: 30	148°	+12°	0 dB	0°	148°	+12°	268°	-24°	5. 7dB	714°K	367203	+200 Hz
2022-08-07	Sunday	14: 00	154°	+14°	0 dB	0°	154°	+14°	275°	-24°	5. 8dB	726°K	367116	+171 Hz
2022-08-07	Sunday	14: 30	160°	+16°	0 dB	0°	160°	+16°	282°	-24°	5. 8dB	737°K	367030	+139 Hz
2022-08-07	Sunday	15: 00	167°	+18°	0 dB	0°	167°	+18°	290°	-24°	5. 9dB	748°K	366944	+106 Hz
2022-08-07	Sunday	15: 30	174°	+18°	0 dB	0°	174°	+18°	297°	-25°	5. 9dB	759°K	366858	+72 Hz
2022-08-07	Sunday	16: 00	181°	+18°	0 dB	0°	181°	+18°	304°	-25°	6. 0dB	770°K	366773	+37 Hz
2022-08-07	Sunday	16: 30	188°	+18°	0 dB	0°	188°	+18°	311°	-25°	6. 1dB	782°K	366688	+3 Hz
2022-08-07	Sunday	17: 00	195°	+17°	0 dB	0°	195°	+17°	318°	-25°	6. 1dB	793°K	366604	-31 Hz
2022-08-07	Sunday	17: 30	201°	+15°	0 dB	0°	201°	+15°	326°	-25°	6. 2dB	804°K	366520	-64 Hz
2022-08-07	Sunday	18: 00	208°	+13°	0 dB	0°	208°	+13°	333°	-25°	6. 2dB	816°K	366436	-94 Hz
2022-08-07	Sunday	18: 30	214°	+11°	0 dB	0°	214°	+11°	340°	-25°	6. 3dB	827°K	366352	-122 Hz
2022-08-07	Sunday	19: 00	220°	+8°	0 dB	0°	220°	+8°	347°	-25°	6. 3dB	838°K	366269	-148 Hz
2022-08-07	Sunday	19: 30	225°	+4°	0 dB	0°	225°	+4°	354°	-25°	6. 4dB	850°K	366187	-170 Hz
2022-08-07	Sunday	20: 00	231°	+0°	0 dB	0°	231°	+0°	2°	-25°	6. 4dB	861°K	366104	-188 Hz
2022-08-08	Monday	13: 00	131°	-0°	0 dB	0°	131°	-0°	246°	-27°	10. 6dB	2429°K	363555	+257 Hz
2022-08-08	Monday	13: 30	137°	+4°	0 dB	0°	137°	+4°	253°	-27°	10. 7dB	2506°K	363488	+238 Hz
2022-08-08	Monday	14: 00	142°	+7°	0 dB	0°	142°	+7°	260°	-27°	10. 9dB	2583°K	363421	+215 Hz
2022-08-08	Monday	14: 30	148°	+10°	0 dB	0°	148°	+10°	267°	-27°	11. 0dB	2660°K	363355	+189 Hz
2022-08-08	Monday	15: 00	154°	+12°	0 dB	0°	154°	+12°	275°	-27°	11. 1dB	2738°K	363290	+161 Hz
2022-08-08	Monday	15: 30	160°	+14°	0 dB	0°	160°	+14°	282°	-27°	11. 2dB	2815°K	363225	+130 Hz
2022-08-08	Monday	16: 00	167°	+15°	0 dB	0°	167°	+15°	289°	-27°	11. 3dB	2892°K	363161	+98 Hz
2022-08-08	Monday	16: 30	174°	+16°	0 dB	0°	174°	+16°	296°	-27°	11. 4dB	2970°K	363097	+65 Hz
2022-08-08	Monday	17: 00	180°	+16°	0 dB	0°	180°	+16°	303°	-27°	11. 6dB	3047°K	363033	+31 Hz
2022-08-08	Monday	17: 30	187°	+16°	0 dB	0°	187°	+16°	311°	-27°	11. 7dB	3125°K	362971	-3 Hz
2022-08-08	Monday	18: 00	194°	+15°	0 dB	0°	194°	+15°	318°	-27°	11. 8dB	3203°K	362908	-36 Hz
2022-08-08	Monday	18: 30	200°	+14°	0 dB	0°	200°	+14°	325°	-27°	11. 9dB	3280°K	362847	-68 Hz
2022-08-08	Monday	19: 00	206°	+12°	0 dB	0°	206°	+12°	332°	-27°	11. 8dB	3268°K	362785	-98 Hz
2022-08-08	Monday	19: 30	212°	+9°	0 dB	0°	212°	+9°	339°	-27°	11. 8dB	3212°K	362725	-126 Hz
2022-08-08	Monday	20: 00	218°	+6°	0 dB	0°	218°	+6°	346°	-27°	11. 7dB	3156°K	362665	-152 Hz
2022-08-08	Monday	20: 30	224°	+3°	0 dB	0°	224°	+3°	354°	-27°	11. 6dB	3100°K	362605	-174 Hz
2022-08-09	Tuesday	14: 30	136°	+3°	0 dB	0°	136°	+3°	252°	-27°	7. 0dB	1069°K	360850	+227 Hz
2022-08-09	Tuesday	15: 00	141°	+6°	0 dB	0°	141°	+6°	259°	-27°	6. 8dB	1013°K	360813	+205 Hz
2022-08-09	Tuesday	15: 30	147°	+9°	0 dB	0°	147°	+9°	266°	-27°	6. 6dB	956°K	360776	+180 Hz
2022-08-09	Tuesday	16: 00	153°	+11°	0 dB	0°	153°	+11°	273°	-27°	6. 3dB	899°K	360740	+152 Hz
2022-08-09	Tuesday	16: 30	159°	+13°	0 dB	0°	159°	+13°	280°	-27°	6. 2dB	862°K	360705	+122 Hz
2022-08-09	Tuesday	17: 00	166°	+15°	0 dB	0°	166°	+15°	288°	-27°	6. 1dB	846°K	360670	+90 Hz
2022-08-09	Tuesday	17: 30	172°	+16°	0 dB	0°	172°	+16°	295°	-27°	6. 0dB	830°K	360636	+57 Hz
2022-08-09	Tuesday	18: 00	179°	+16°	0 dB	0°	179°	+16°	302°	-27°	5. 9dB	813°K	360603	+23 Hz
2022-08-09	Tuesday	18: 30	186°	+16°	0 dB	0°	186°	+16°	309°	-27°	5. 8dB	797°K	360571	-10 Hz
2022-08-09	Tuesday	19: 00	192°	+15°	0 dB	0°	192°	+15°	316°	-27°	5. 8dB	781°K	360539	-44 Hz
2022-08-09	Tuesday	19: 30	199°	+14°	0 dB	0°	199°	+14°	324°	-27°	5. 7dB	765°K	360507	-76 Hz
2022-08-09	Tuesday	20: 00	205°	+12°	0 dB	0°	205°	+12°	331°	-27°	5. 6dB	749°K	360477	-107 Hz
2022-08-09	Tuesday	20: 30	211°	+10°	0 dB	0°	211°	+10°	338°	-27°	5. 5dB	733°K	360447	-136 Hz
2022-08-09	Tuesday	21: 00	217°	+7°	0 dB	0°	217°	+7°	345°	-27°	5. 4dB	716°K	360418	-162 Hz
2022-08-09	Tuesday	21: 30	223°	+4°	0 dB	0°	223°	+4°	352°	-27°	5. 3dB	700°K	360389	-185 Hz
2022-08-09	Tuesday	22: 00	228°	+0°	0 dB	0°	228°	+0°	359°	-27°	5. 2dB	684°K	360361	-205 Hz
2022-08-10	Wednesday	15: 00	129°	-0°	0 dB	0°	129°	-0°	243°	-25°	2. 8dB	365°K	359836	+236 Hz
2022-08-10	Wednesday	15: 30	134°	+3°	0 dB	0°	134°	+3°	251°	-25°	2. 7dB	363°K	359833	+217 Hz
2022-08-10	Wednesday	16: 00	139°	+7°	0 dB	0°	139°	+7°	258°	-25°	2. 7dB	361°K	359831	+196 Hz
2022-08-10	Wednesday	16: 30	145°	+10°	0 dB	0°	145°	+10°	265°	-25°	2. 7dB	359°K	359830	+171 Hz
2022-08-10	Wednesday	17: 00	151°	+13°	0 dB	0°	151°	+13°	272°	-25°	2. 7dB	357°K	359829	+143 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-10	Wednesday 17:30	158°	+15°	0 dB	0°	158°	+15°	279°	-25°	2.7dB	355°K	359829	+113 Hz
2022-08-10	Wednesday 18:00	164°	+17°	0 dB	0°	164°	+17°	286°	-25°	2.6dB	353°K	359830	+81 Hz
2022-08-10	Wednesday 18:30	171°	+18°	0 dB	0°	171°	+18°	294°	-25°	2.6dB	351°K	359832	+47 Hz
2022-08-10	Wednesday 19:00	178°	+18°	0 dB	0°	178°	+18°	301°	-25°	2.6dB	349°K	359834	+13 Hz
2022-08-10	Wednesday 19:30	185°	+18°	0 dB	0°	185°	+18°	308°	-25°	2.6dB	347°K	359838	-22 Hz
2022-08-10	Wednesday 20:00	192°	+18°	0 dB	0°	192°	+18°	315°	-25°	2.5dB	345°K	359842	-56 Hz
2022-08-10	Wednesday 20:30	198°	+16°	0 dB	0°	198°	+16°	322°	-25°	2.5dB	343°K	359846	-90 Hz
2022-08-10	Wednesday 21:00	205°	+15°	0 dB	0°	205°	+15°	330°	-25°	2.5dB	341°K	359852	-122 Hz
2022-08-10	Wednesday 21:30	211°	+12°	0 dB	0°	211°	+12°	337°	-24°	2.5dB	339°K	359858	-152 Hz
2022-08-10	Wednesday 22:00	217°	+9°	0 dB	0°	217°	+9°	344°	-24°	2.5dB	337°K	359865	-179 Hz
2022-08-10	Wednesday 22:30	223°	+6°	0 dB	0°	223°	+6°	351°	-24°	2.5dB	336°K	359873	-203 Hz
2022-08-10	Wednesday 23:00	229°	+3°	0 dB	0°	229°	+3°	358°	-24°	2.4dB	334°K	359881	-224 Hz
2022-08-11	Thursday 16:00	126°	+2°	0 dB	0°	126°	+2°	243°	-22°	2.4dB	326°K	360616	+226 Hz
2022-08-11	Thursday 16:30	131°	+6°	0 dB	0°	131°	+6°	250°	-22°	2.4dB	326°K	360651	+208 Hz
2022-08-11	Thursday 17:00	137°	+10°	0 dB	0°	137°	+10°	257°	-21°	2.4dB	326°K	360686	+186 Hz
2022-08-11	Thursday 17:30	143°	+13°	0 dB	0°	143°	+13°	264°	-21°	2.4dB	326°K	360723	+160 Hz
2022-08-11	Thursday 18:00	149°	+16°	0 dB	0°	149°	+16°	272°	-21°	2.4dB	326°K	360760	+132 Hz
2022-08-11	Thursday 18:30	156°	+18°	0 dB	0°	156°	+18°	279°	-21°	2.4dB	326°K	360797	+100 Hz
2022-08-11	Thursday 19:00	163°	+20°	0 dB	0°	163°	+20°	286°	-21°	2.4dB	326°K	360836	+67 Hz
2022-08-11	Thursday 19:30	170°	+22°	0 dB	0°	170°	+22°	293°	-21°	2.4dB	326°K	360875	+32 Hz
2022-08-11	Thursday 20:00	177°	+22°	0 dB	0°	177°	+22°	300°	-21°	2.4dB	326°K	360915	-3 Hz
2022-08-11	Thursday 20:30	185°	+22°	0 dB	0°	185°	+22°	308°	-21°	2.4dB	326°K	360955	-39 Hz
2022-08-11	Thursday 21:00	192°	+22°	0 dB	0°	192°	+22°	315°	-21°	2.4dB	326°K	360997	-75 Hz
2022-08-11	Thursday 21:30	199°	+20°	0 dB	0°	199°	+20°	322°	-21°	2.4dB	326°K	361039	-110 Hz
2022-08-11	Thursday 22:00	206°	+18°	0 dB	0°	206°	+18°	329°	-20°	2.4dB	326°K	361082	-143 Hz
2022-08-11	Thursday 22:30	213°	+16°	0 dB	0°	213°	+16°	336°	-20°	2.4dB	326°K	361125	-174 Hz
2022-08-11	Thursday 23:00	219°	+13°	0 dB	0°	219°	+13°	344°	-20°	2.4dB	326°K	361170	-203 Hz
2022-08-11	Thursday 23:30	225°	+10°	0 dB	0°	225°	+10°	351°	-20°	2.4dB	326°K	361215	-228 Hz
2022-08-12	Fri day 00:00	231°	+6°	0 dB	0°	231°	+6°	358°	-20°	2.4dB	326°K	361261	-250 Hz
2022-08-12	Fri day 00:30	236°	+2°	0 dB	0°	236°	+2°	5°	-20°	2.4dB	325°K	361307	-268 Hz
2022-08-12	Fri day 16:30	118°	+2°	0 dB	0°	118°	+2°	236°	-17°	1.9dB	278°K	363168	+232 Hz
2022-08-12	Fri day 17:00	123°	+7°	0 dB	0°	123°	+7°	243°	-16°	1.9dB	276°K	363238	+217 Hz
2022-08-12	Fri day 17:30	129°	+11°	0 dB	0°	129°	+11°	251°	-16°	1.9dB	274°K	363308	+197 Hz
2022-08-12	Fri day 18:00	135°	+15°	0 dB	0°	135°	+15°	258°	-16°	1.8dB	271°K	363379	+174 Hz
2022-08-12	Fri day 18:30	141°	+18°	0 dB	0°	141°	+18°	265°	-16°	1.8dB	269°K	363450	+147 Hz
2022-08-12	Fri day 19:00	148°	+21°	0 dB	0°	148°	+21°	272°	-16°	1.8dB	267°K	363522	+117 Hz
2022-08-12	Fri day 19:30	155°	+24°	0 dB	0°	155°	+24°	279°	-16°	1.8dB	265°K	363595	+84 Hz
2022-08-12	Fri day 20:00	162°	+26°	0 dB	0°	162°	+26°	287°	-16°	1.8dB	263°K	363668	+50 Hz
2022-08-12	Fri day 20:30	170°	+27°	0 dB	0°	170°	+27°	294°	-16°	1.7dB	261°K	363742	+13 Hz
2022-08-12	Fri day 21:00	178°	+28°	0 dB	0°	178°	+28°	301°	-16°	1.7dB	259°K	363817	-24 Hz
2022-08-12	Fri day 21:30	186°	+28°	0 dB	0°	186°	+28°	308°	-15°	1.7dB	257°K	363892	-61 Hz
2022-08-12	Fri day 22:00	194°	+27°	0 dB	0°	194°	+27°	316°	-15°	1.7dB	255°K	363968	-98 Hz
2022-08-12	Fri day 22:30	201°	+25°	0 dB	0°	201°	+25°	323°	-15°	1.6dB	253°K	364044	-134 Hz
2022-08-12	Fri day 23:00	209°	+23°	0 dB	0°	209°	+23°	330°	-15°	1.6dB	251°K	364122	-169 Hz
2022-08-12	Fri day 23:30	216°	+21°	0 dB	0°	216°	+21°	337°	-15°	1.6dB	249°K	364199	-201 Hz
2022-08-13	Saturday 00:00	222°	+18°	0 dB	0°	222°	+18°	344°	-15°	1.6dB	247°K	364278	-230 Hz
2022-08-13	Saturday 00:30	229°	+14°	0 dB	0°	229°	+14°	352°	-15°	1.5dB	245°K	364357	-256 Hz
2022-08-13	Saturday 01:00	235°	+10°	0 dB	0°	235°	+10°	359°	-15°	1.5dB	243°K	364436	-279 Hz
2022-08-13	Saturday 01:30	241°	+6°	0 dB	0°	241°	+6°	6°	-14°	1.5dB	243°K	364517	-297 Hz
2022-08-13	Saturday 02:00	246°	+2°	0 dB	0°	246°	+2°	13°	-14°	1.5dB	243°K	364597	-311 Hz
2022-08-13	Saturday 17:00	110°	+3°	0 dB	0°	110°	+3°	230°	-11°	1.6dB	242°K	367289	+235 Hz
2022-08-13	Saturday 17:30	115°	+8°	0 dB	0°	115°	+8°	238°	-10°	1.6dB	242°K	367387	+222 Hz
2022-08-13	Saturday 18:00	121°	+12°	0 dB	0°	121°	+12°	245°	-10°	1.6dB	242°K	367486	+206 Hz
2022-08-13	Saturday 18:30	127°	+17°	0 dB	0°	127°	+17°	252°	-10°	1.6dB	242°K	367585	+185 Hz
2022-08-13	Saturday 19:00	133°	+21°	0 dB	0°	133°	+21°	259°	-10°	1.6dB	242°K	367684	+160 Hz
2022-08-13	Saturday 19:30	140°	+24°	0 dB	0°	140°	+24°	267°	-10°	1.6dB	241°K	367784	+131 Hz
2022-08-13	Saturday 20:00	147°	+28°	0 dB	0°	147°	+28°	274°	-10°	1.6dB	241°K	367885	+99 Hz
2022-08-13	Saturday 20:30	155°	+30°	0 dB	0°	155°	+30°	281°	-10°	1.6dB	241°K	367986	+65 Hz
2022-08-13	Saturday 21:00	163°	+32°	0 dB	0°	163°	+32°	288°	-10°	1.7dB	241°K	368087	+28 Hz
2022-08-13	Saturday 21:30	171°	+33°	0 dB	0°	171°	+33°	296°	-9°	1.7dB	241°K	368189	-9 Hz
2022-08-13	Saturday 22:00	180°	+34°	0 dB	0°	180°	+34°	303°	-9°	1.7dB	241°K	368292	-48 Hz
2022-08-13	Saturday 22:30	189°	+34°	0 dB	0°	189°	+34°	310°	-9°	1.7dB	240°K	368394	-87 Hz
2022-08-13	Saturday 23:00	197°	+33°	0 dB	0°	197°	+33°	317°	-9°	1.7dB	240°K	368498	-125 Hz
2022-08-13	Saturday 23:30	205°	+31°	0 dB	0°	205°	+31°	325°	-9°	1.7dB	240°K	368601	-161 Hz
2022-08-14	Sunday 00:00	213°	+29°	0 dB	0°	213°	+29°	332°	-9°	1.7dB	240°K	368706	-196 Hz
2022-08-14	Sunday 00:30	221°	+26°	0 dB	0°	221°	+26°	339°	-9°	1.7dB	240°K	368810	-228 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-08-14	Sunday	01:00	228°	+22°	0 dB	0°	228°	+22°	346°	-9°	1.7dB	240°K	368915	-258 Hz
2022-08-14	Sunday	01:30	234°	+18°	0 dB	0°	234°	+18°	354°	-8°	1.7dB	239°K	369021	-283 Hz
2022-08-14	Sunday	02:00	240°	+14°	0 dB	0°	240°	+14°	1°	-8°	1.7dB	239°K	369127	-305 Hz
2022-08-14	Sunday	02:30	246°	+10°	0 dB	0°	246°	+10°	8°	-8°	1.7dB	239°K	369233	-322 Hz
2022-08-14	Sunday	03:00	252°	+5°	0 dB	0°	252°	+5°	15°	-8°	1.7dB	239°K	369340	-335 Hz
2022-08-14	Sunday	03:30	257°	+0°	0 dB	0°	257°	+0°	23°	-8°	1.7dB	239°K	369447	-344 Hz
2022-08-14	Sunday	17:00	097°	-0°	0 dB	0°	097°	-0°	219°	-4°	1.8dB	239°K	372485	+241 Hz
2022-08-14	Sunday	17:30	102°	+5°	0 dB	0°	102°	+5°	226°	-4°	1.8dB	239°K	372602	+236 Hz
2022-08-14	Sunday	18:00	108°	+10°	0 dB	0°	108°	+10°	233°	-4°	1.9dB	243°K	372719	+226 Hz
2022-08-14	Sunday	18:30	113°	+15°	0 dB	0°	113°	+15°	240°	-4°	1.9dB	244°K	372837	+212 Hz
2022-08-14	Sunday	19:00	119°	+19°	0 dB	0°	119°	+19°	248°	-4°	1.9dB	244°K	372955	+193 Hz
2022-08-14	Sunday	19:30	125°	+24°	0 dB	0°	125°	+24°	255°	-4°	1.9dB	245°K	373074	+170 Hz
2022-08-14	Sunday	20:00	132°	+28°	0 dB	0°	132°	+28°	262°	-4°	2.0dB	246°K	373192	+143 Hz
2022-08-14	Sunday	20:30	139°	+31°	0 dB	0°	139°	+31°	269°	-3°	2.0dB	246°K	373311	+113 Hz
2022-08-14	Sunday	21:00	147°	+35°	0 dB	0°	147°	+35°	277°	-3°	2.0dB	247°K	373430	+79 Hz
2022-08-14	Sunday	21:30	156°	+37°	0 dB	0°	156°	+37°	284°	-3°	2.0dB	247°K	373550	+43 Hz
2022-08-14	Sunday	22:00	165°	+39°	0 dB	0°	165°	+39°	291°	-3°	2.0dB	248°K	373670	+5 Hz
2022-08-14	Sunday	22:30	174°	+40°	0 dB	0°	174°	+40°	298°	-3°	2.0dB	249°K	373790	-33 Hz
2022-08-14	Sunday	23:00	184°	+40°	0 dB	0°	184°	+40°	306°	-3°	2.0dB	249°K	373910	-73 Hz
2022-08-14	Sunday	23:30	193°	+40°	0 dB	0°	193°	+40°	313°	-3°	2.1dB	250°K	374030	-112 Hz
2022-08-15	Monday	00:00	202°	+38°	0 dB	0°	202°	+38°	320°	-3°	2.1dB	250°K	374151	-150 Hz
2022-08-15	Monday	00:30	211°	+36°	0 dB	0°	211°	+36°	327°	-2°	2.1dB	251°K	374272	-187 Hz
2022-08-15	Monday	01:00	219°	+33°	0 dB	0°	219°	+33°	335°	-2°	2.1dB	252°K	374393	-221 Hz
2022-08-15	Monday	01:30	227°	+30°	0 dB	0°	227°	+30°	342°	-2°	2.1dB	252°K	374514	-252 Hz
2022-08-15	Monday	02:00	234°	+26°	0 dB	0°	234°	+26°	349°	-2°	2.1dB	253°K	374636	-281 Hz
2022-08-15	Monday	02:30	241°	+22°	0 dB	0°	241°	+22°	357°	-2°	2.1dB	253°K	374758	-305 Hz
2022-08-15	Monday	03:00	247°	+18°	0 dB	0°	247°	+18°	4°	-2°	2.2dB	254°K	374880	-325 Hz
2022-08-15	Monday	03:30	253°	+13°	0 dB	0°	253°	+13°	11°	-2°	2.2dB	255°K	375002	-341 Hz
2022-08-15	Monday	04:00	258°	+8°	0 dB	0°	258°	+8°	18°	-1°	2.2dB	255°K	375125	-352 Hz
2022-08-15	Monday	04:30	264°	+3°	0 dB	0°	264°	+3°	26°	-1°	2.2dB	256°K	375247	-358 Hz
2022-08-15	Monday	17:30	090°	+2°	0 dB	0°	090°	+2°	215°	+2°	2.6dB	271°K	378491	+238 Hz
2022-08-15	Monday	18:00	095°	+7°	0 dB	0°	095°	+7°	222°	+2°	2.6dB	272°K	378617	+236 Hz
2022-08-15	Monday	18:30	100°	+12°	0 dB	0°	100°	+12°	229°	+2°	2.6dB	272°K	378744	+229 Hz
2022-08-15	Monday	19:00	106°	+17°	0 dB	0°	106°	+17°	236°	+2°	2.6dB	273°K	378870	+217 Hz
2022-08-15	Monday	19:30	111°	+22°	0 dB	0°	111°	+22°	244°	+3°	2.6dB	273°K	378997	+201 Hz
2022-08-15	Monday	20:00	117°	+26°	0 dB	0°	117°	+26°	251°	+3°	2.6dB	274°K	379123	+180 Hz
2022-08-15	Monday	20:30	124°	+31°	0 dB	0°	124°	+31°	258°	+3°	2.6dB	275°K	379250	+155 Hz
2022-08-15	Monday	21:00	131°	+35°	0 dB	0°	131°	+35°	265°	+3°	2.6dB	275°K	379376	+126 Hz
2022-08-15	Monday	21:30	139°	+39°	0 dB	0°	139°	+39°	273°	+3°	2.7dB	276°K	379503	+94 Hz
2022-08-15	Monday	22:00	148°	+42°	0 dB	0°	148°	+42°	280°	+3°	2.7dB	276°K	379630	+59 Hz
2022-08-15	Monday	22:30	157°	+44°	0 dB	0°	157°	+44°	287°	+3°	2.7dB	277°K	379757	+22 Hz
2022-08-15	Monday	23:00	168°	+46°	0 dB	0°	168°	+46°	294°	+3°	2.7dB	278°K	379884	-16 Hz
2022-08-15	Monday	23:30	178°	+47°	0 dB	0°	178°	+47°	302°	+4°	2.7dB	278°K	380010	-56 Hz
2022-08-16	Tuesday	00:00	189°	+47°	0 dB	0°	189°	+47°	309°	+4°	2.7dB	279°K	380137	-95 Hz
2022-08-16	Tuesday	00:30	199°	+46°	0 dB	0°	199°	+46°	316°	+4°	2.7dB	279°K	380264	-134 Hz
2022-08-16	Tuesday	01:00	209°	+44°	0 dB	0°	209°	+44°	324°	+4°	2.8dB	280°K	380391	-172 Hz
2022-08-16	Tuesday	01:30	219°	+41°	0 dB	0°	219°	+41°	331°	+4°	2.8dB	280°K	380518	-207 Hz
2022-08-16	Tuesday	02:00	227°	+37°	0 dB	0°	227°	+37°	338°	+4°	2.8dB	281°K	380645	-240 Hz
2022-08-16	Tuesday	02:30	235°	+34°	0 dB	0°	235°	+34°	345°	+4°	2.8dB	282°K	380772	-270 Hz
2022-08-16	Tuesday	03:00	242°	+29°	0 dB	0°	242°	+29°	353°	+4°	2.8dB	282°K	380899	-296 Hz
2022-08-16	Tuesday	03:30	248°	+25°	0 dB	0°	248°	+25°	360°	+5°	2.8dB	283°K	381026	-319 Hz
2022-08-16	Tuesday	04:00	254°	+20°	0 dB	0°	254°	+20°	7°	+5°	2.8dB	283°K	381153	-337 Hz
2022-08-16	Tuesday	04:30	260°	+15°	0 dB	0°	260°	+15°	14°	+5°	2.8dB	284°K	381280	-350 Hz
2022-08-16	Tuesday	05:00	265°	+10°	0 dB	0°	265°	+10°	22°	+5°	2.9dB	284°K	381407	-359 Hz
2022-08-16	Tuesday	05:30	271°	+5°	0 dB	0°	271°	+5°	29°	+5°	2.9dB	285°K	381533	-362 Hz
2022-08-16	Tuesday	06:00	276°	+0°	0 dB	0°	276°	+0°	36°	+5°	2.9dB	286°K	381660	-361 Hz
2022-08-16	Tuesday	18:00	083°	+3°	0 dB	0°	083°	+3°	211°	+8°	3.2dB	297°K	384686	+236 Hz
2022-08-16	Tuesday	18:30	088°	+9°	0 dB	0°	088°	+9°	218°	+8°	3.2dB	298°K	384811	+237 Hz
2022-08-16	Tuesday	19:00	093°	+14°	0 dB	0°	093°	+14°	225°	+8°	3.2dB	298°K	384935	+232 Hz
2022-08-16	Tuesday	19:30	098°	+19°	0 dB	0°	098°	+19°	233°	+8°	3.2dB	298°K	385060	+223 Hz
2022-08-16	Tuesday	20:00	104°	+24°	0 dB	0°	104°	+24°	240°	+9°	3.2dB	299°K	385184	+209 Hz
2022-08-16	Tuesday	20:30	110°	+29°	0 dB	0°	110°	+29°	247°	+9°	3.2dB	299°K	385309	+190 Hz
2022-08-16	Tuesday	21:00	116°	+34°	0 dB	0°	116°	+34°	254°	+9°	3.2dB	299°K	385433	+167 Hz
2022-08-16	Tuesday	21:30	123°	+38°	0 dB	0°	123°	+38°	262°	+9°	3.2dB	299°K	385557	+140 Hz
2022-08-16	Tuesday	22:00	131°	+42°	0 dB	0°	131°	+42°	269°	+9°	3.2dB	300°K	385681	+110 Hz
2022-08-16	Tuesday	22:30	140°	+46°	0 dB	0°	140°	+46°	276°	+9°	3.2dB	300°K	385804	+77 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-16	Tuesday 23:00	149°	+49°	0 dB	0°	149°	+49°	284°	+9°	3.3dB	300°K	385928	+41 Hz
2022-08-16	Tuesday 23:30	160°	+51°	0 dB	0°	160°	+51°	291°	+9°	3.3dB	301°K	386051	+3 Hz
2022-08-17	Wednesday00:00	172°	+53°	0 dB	0°	172°	+53°	298°	+10°	3.3dB	301°K	386174	-35 Hz
2022-08-17	Wednesday00:30	184°	+53°	0 dB	0°	184°	+53°	305°	+10°	3.3dB	301°K	386298	-74 Hz
2022-08-17	Wednesday01:00	196°	+52°	0 dB	0°	196°	+52°	313°	+10°	3.3dB	301°K	386420	-113 Hz
2022-08-17	Wednesday01:30	207°	+50°	0 dB	0°	207°	+50°	320°	+10°	3.3dB	302°K	386543	-151 Hz
2022-08-17	Wednesday02:00	218°	+48°	0 dB	0°	218°	+48°	327°	+10°	3.3dB	302°K	386665	-187 Hz
2022-08-17	Wednesday02:30	227°	+45°	0 dB	0°	227°	+45°	334°	+10°	3.3dB	302°K	386788	-221 Hz
2022-08-17	Wednesday03:00	235°	+41°	0 dB	0°	235°	+41°	342°	+10°	3.3dB	303°K	386910	-252 Hz
2022-08-17	Wednesday03:30	243°	+36°	0 dB	0°	243°	+36°	349°	+10°	3.3dB	303°K	387032	-279 Hz
2022-08-17	Wednesday04:00	249°	+32°	0 dB	0°	249°	+32°	356°	+10°	3.3dB	303°K	387153	-303 Hz
2022-08-17	Wednesday04:30	256°	+27°	0 dB	0°	256°	+27°	4°	+11°	3.3dB	303°K	387275	-323 Hz
2022-08-17	Wednesday05:00	261°	+22°	0 dB	0°	261°	+22°	11°	+11°	3.4dB	304°K	387396	-339 Hz
2022-08-17	Wednesday05:30	267°	+17°	0 dB	0°	267°	+17°	18°	+11°	3.4dB	304°K	387517	-349 Hz
2022-08-17	Wednesday06:00	272°	+12°	0 dB	0°	272°	+12°	25°	+11°	3.4dB	305°K	387638	-355 Hz
2022-08-17	Wednesday06:30	277°	+7°	0 dB	0°	277°	+7°	33°	+11°	3.4dB	307°K	387759	-356 Hz
2022-08-17	Wednesday07:00	283°	+2°	0 dB	0°	283°	+2°	40°	+11°	3.4dB	308°K	387879	-352 Hz
2022-08-17	Wednesday18:00	071°	-0°	0 dB	0°	071°	-0°	200°	+14°	3.9dB	340°K	390466	+228 Hz
2022-08-17	Wednesday18:30	076°	+5°	0 dB	0°	076°	+5°	207°	+14°	3.9dB	341°K	390581	+235 Hz
2022-08-17	Wednesday19:00	081°	+10°	0 dB	0°	081°	+10°	214°	+14°	4.0dB	343°K	390695	+238 Hz
2022-08-17	Wednesday19:30	086°	+15°	0 dB	0°	086°	+15°	222°	+14°	4.0dB	344°K	390809	+235 Hz
2022-08-17	Wednesday20:00	092°	+20°	0 dB	0°	092°	+20°	229°	+14°	4.0dB	346°K	390922	+228 Hz
2022-08-17	Wednesday20:30	097°	+25°	0 dB	0°	097°	+25°	236°	+14°	4.0dB	347°K	391036	+217 Hz
2022-08-17	Wednesday21:00	102°	+30°	0 dB	0°	102°	+30°	244°	+14°	4.0dB	348°K	391149	+201 Hz
2022-08-17	Wednesday21:30	108°	+35°	0 dB	0°	108°	+35°	251°	+14°	4.0dB	349°K	391261	+180 Hz
2022-08-17	Wednesday22:00	115°	+40°	0 dB	0°	115°	+40°	258°	+14°	4.1dB	349°K	391374	+156 Hz
2022-08-17	Wednesday22:30	123°	+45°	0 dB	0°	123°	+45°	265°	+14°	4.1dB	350°K	391486	+128 Hz
2022-08-17	Wednesday23:00	131°	+49°	0 dB	0°	131°	+49°	273°	+15°	4.1dB	351°K	391597	+96 Hz
2022-08-17	Wednesday23:30	141°	+53°	0 dB	0°	141°	+53°	280°	+15°	4.1dB	352°K	391709	+63 Hz
2022-08-18	Thursday 00:00	152°	+56°	0 dB	0°	152°	+56°	287°	+15°	4.1dB	352°K	391820	+27 Hz
2022-08-18	Thursday 00:30	164°	+58°	0 dB	0°	164°	+58°	294°	+15°	4.1dB	353°K	391930	-11 Hz
2022-08-18	Thursday 01:00	178°	+58°	0 dB	0°	178°	+58°	302°	+15°	4.1dB	354°K	392041	-49 Hz
2022-08-18	Thursday 01:30	191°	+58°	0 dB	0°	191°	+58°	309°	+15°	4.1dB	355°K	392151	-87 Hz
2022-08-18	Thursday 02:00	204°	+57°	0 dB	0°	204°	+57°	316°	+15°	4.2dB	355°K	392261	-124 Hz
2022-08-18	Thursday 02:30	216°	+54°	0 dB	0°	216°	+54°	324°	+15°	4.2dB	356°K	392370	-161 Hz
2022-08-18	Thursday 03:00	226°	+51°	0 dB	0°	226°	+51°	331°	+15°	4.2dB	357°K	392479	-195 Hz
2022-08-18	Thursday 03:30	235°	+47°	0 dB	0°	235°	+47°	338°	+16°	4.2dB	357°K	392588	-227 Hz
2022-08-18	Thursday 04:00	243°	+43°	0 dB	0°	243°	+43°	345°	+16°	4.2dB	358°K	392696	-255 Hz
2022-08-18	Thursday 04:30	250°	+38°	0 dB	0°	250°	+38°	353°	+16°	4.2dB	359°K	392804	-281 Hz
2022-08-18	Thursday 05:00	257°	+33°	0 dB	0°	257°	+33°	360°	+16°	4.2dB	360°K	392912	-302 Hz
2022-08-18	Thursday 05:30	263°	+28°	0 dB	0°	263°	+28°	7°	+16°	4.2dB	360°K	393019	-319 Hz
2022-08-18	Thursday 06:00	268°	+23°	0 dB	0°	268°	+23°	14°	+16°	4.3dB	361°K	393126	-332 Hz
2022-08-18	Thursday 06:30	273°	+18°	0 dB	0°	273°	+18°	22°	+16°	4.3dB	362°K	393232	-340 Hz
2022-08-18	Thursday 07:00	279°	+13°	0 dB	0°	279°	+13°	29°	+16°	4.3dB	363°K	393339	-343 Hz
2022-08-18	Thursday 07:30	284°	+9°	0 dB	0°	284°	+9°	36°	+16°	4.3dB	363°K	393445	-342 Hz
2022-08-18	Thursday 08:00	289°	+4°	0 dB	0°	289°	+4°	43°	+16°	4.3dB	364°K	393550	-336 Hz
2022-08-18	Thursday 18:30	065°	+1°	0 dB	0°	065°	+1°	196°	+18°	4.3dB	359°K	395676	+225 Hz
2022-08-18	Thursday 19:00	070°	+6°	0 dB	0°	070°	+6°	203°	+18°	4.3dB	358°K	395773	+234 Hz
2022-08-18	Thursday 19:30	075°	+11°	0 dB	0°	075°	+11°	211°	+19°	4.3dB	358°K	395869	+239 Hz
2022-08-18	Thursday 20:00	080°	+16°	0 dB	0°	080°	+16°	218°	+19°	4.3dB	357°K	395965	+239 Hz
2022-08-18	Thursday 20:30	085°	+21°	0 dB	0°	085°	+21°	225°	+19°	4.3dB	356°K	396061	+235 Hz
2022-08-18	Thursday 21:00	090°	+26°	0 dB	0°	090°	+26°	232°	+19°	4.3dB	355°K	396156	+226 Hz
2022-08-18	Thursday 21:30	095°	+31°	0 dB	0°	095°	+31°	240°	+19°	4.3dB	355°K	396251	+213 Hz
2022-08-18	Thursday 22:00	101°	+36°	0 dB	0°	101°	+36°	247°	+19°	4.3dB	354°K	396345	+195 Hz
2022-08-18	Thursday 22:30	107°	+41°	0 dB	0°	107°	+41°	254°	+19°	4.3dB	353°K	396439	+173 Hz
2022-08-18	Thursday 23:00	114°	+46°	0 dB	0°	114°	+46°	261°	+19°	4.3dB	352°K	396532	+147 Hz
2022-08-18	Thursday 23:30	122°	+51°	0 dB	0°	122°	+51°	269°	+19°	4.3dB	352°K	396625	+119 Hz
2022-08-19	Fri day 00:00	131°	+55°	0 dB	0°	131°	+55°	276°	+19°	4.3dB	351°K	396718	+87 Hz
2022-08-19	Fri day 00:30	142°	+58°	0 dB	0°	142°	+58°	283°	+19°	4.3dB	350°K	396810	+53 Hz
2022-08-19	Fri day 01:00	155°	+61°	0 dB	0°	155°	+61°	291°	+19°	4.3dB	349°K	396902	+17 Hz
2022-08-19	Fri day 01:30	169°	+63°	0 dB	0°	169°	+63°	298°	+20°	4.3dB	349°K	396993	-20 Hz
2022-08-19	Fri day 02:00	184°	+63°	0 dB	0°	184°	+63°	305°	+20°	4.3dB	348°K	397084	-57 Hz
2022-08-19	Fri day 02:30	199°	+62°	0 dB	0°	199°	+62°	312°	+20°	4.3dB	348°K	397174	-94 Hz
2022-08-19	Fri day 03:00	213°	+60°	0 dB	0°	213°	+60°	320°	+20°	4.3dB	349°K	397264	-130 Hz
2022-08-19	Fri day 03:30	225°	+57°	0 dB	0°	225°	+57°	327°	+20°	4.3dB	349°K	397353	-164 Hz
2022-08-19	Fri day 04:00	235°	+53°	0 dB	0°	235°	+53°	334°	+20°	4.3dB	350°K	397442	-196 Hz



Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-08-21	Sunday	07:00	262°	+44°	0 dB	0°	262°	+44°	354°	+26°	5.8dB	482°K	403969	-236 Hz
2022-08-21	Sunday	07:30	267°	+39°	0 dB	0°	267°	+39°	1°	+26°	5.8dB	484°K	404007	-255 Hz
2022-08-21	Sunday	08:00	273°	+34°	0 dB	0°	273°	+34°	9°	+26°	5.9dB	486°K	404045	-270 Hz
2022-08-21	Sunday	08:30	278°	+29°	0 dB	0°	278°	+29°	16°	+26°	5.9dB	489°K	404082	-281 Hz
2022-08-21	Sunday	09:00	282°	+24°	0 dB	0°	282°	+24°	23°	+26°	5.9dB	491°K	404118	-288 Hz
2022-08-21	Sunday	09:30	287°	+19°	0 dB	0°	287°	+19°	30°	+26°	5.9dB	493°K	404154	-290 Hz
2022-08-21	Sunday	10:00	292°	+15°	0 dB	0°	292°	+15°	38°	+26°	5.9dB	496°K	404189	-288 Hz
2022-08-21	Sunday	10:30	297°	+10°	0 dB	0°	297°	+10°	45°	+26°	6.0dB	498°K	404224	-282 Hz
2022-08-21	Sunday	11:00	301°	+6°	0 dB	0°	301°	+6°	52°	+26°	6.0dB	500°K	404258	-271 Hz
2022-08-21	Sunday	11:30	307°	+1°	0 dB	0°	307°	+1°	59°	+26°	6.0dB	500°K	404292	-257 Hz
2022-08-21	Sunday	20:00	050°	-0°	0 dB	0°	050°	-0°	183°	+27°	6.0dB	500°K	404788	+218 Hz
2022-08-21	Sunday	20:30	055°	+4°	0 dB	0°	055°	+4°	190°	+27°	6.0dB	500°K	404813	+234 Hz
2022-08-21	Sunday	21:00	060°	+8°	0 dB	0°	060°	+8°	197°	+27°	6.0dB	500°K	404837	+247 Hz
2022-08-21	Sunday	21:30	065°	+12°	0 dB	0°	065°	+12°	204°	+27°	6.0dB	500°K	404861	+255 Hz
2022-08-21	Sunday	22:00	070°	+17°	0 dB	0°	070°	+17°	212°	+27°	6.0dB	500°K	404884	+259 Hz
2022-08-21	Sunday	22:30	074°	+22°	0 dB	0°	074°	+22°	219°	+27°	6.0dB	500°K	404907	+259 Hz
2022-08-21	Sunday	23:00	079°	+27°	0 dB	0°	079°	+27°	226°	+27°	6.0dB	500°K	404929	+255 Hz
2022-08-21	Sunday	23:30	084°	+32°	0 dB	0°	084°	+32°	233°	+27°	6.0dB	500°K	404951	+246 Hz
2022-08-22	Monday	00:00	089°	+37°	0 dB	0°	089°	+37°	241°	+27°	6.0dB	500°K	404972	+233 Hz
2022-08-22	Monday	00:30	094°	+42°	0 dB	0°	094°	+42°	248°	+27°	6.0dB	500°K	404993	+216 Hz
2022-08-22	Monday	01:00	100°	+47°	0 dB	0°	100°	+47°	255°	+27°	6.0dB	497°K	405013	+195 Hz
2022-08-22	Monday	01:30	106°	+52°	0 dB	0°	106°	+52°	262°	+27°	6.0dB	493°K	405032	+171 Hz
2022-08-22	Monday	02:00	114°	+57°	0 dB	0°	114°	+57°	270°	+27°	5.9dB	490°K	405052	+143 Hz
2022-08-22	Monday	02:30	124°	+61°	0 dB	0°	124°	+61°	277°	+27°	5.9dB	487°K	405070	+113 Hz
2022-08-22	Monday	03:00	135°	+65°	0 dB	0°	135°	+65°	284°	+27°	5.9dB	484°K	405089	+81 Hz
2022-08-22	Monday	03:30	150°	+68°	0 dB	0°	150°	+68°	291°	+27°	5.9dB	481°K	405106	+48 Hz
2022-08-22	Monday	04:00	168°	+70°	0 dB	0°	168°	+70°	299°	+27°	5.8dB	477°K	405124	+13 Hz
2022-08-22	Monday	04:30	188°	+71°	0 dB	0°	188°	+71°	306°	+27°	5.8dB	474°K	405140	-22 Hz
2022-08-22	Monday	05:00	206°	+69°	0 dB	0°	206°	+69°	313°	+27°	5.8dB	471°K	405157	-57 Hz
2022-08-22	Monday	05:30	222°	+66°	0 dB	0°	222°	+66°	320°	+27°	5.8dB	468°K	405172	-91 Hz
2022-08-22	Monday	06:00	234°	+62°	0 dB	0°	234°	+62°	327°	+27°	5.7dB	465°K	405188	-123 Hz
2022-08-22	Monday	06:30	244°	+58°	0 dB	0°	244°	+58°	335°	+27°	5.7dB	461°K	405202	-153 Hz
2022-08-22	Monday	07:00	252°	+53°	0 dB	0°	252°	+53°	342°	+27°	5.7dB	458°K	405217	-181 Hz
2022-08-22	Monday	07:30	259°	+48°	0 dB	0°	259°	+48°	349°	+27°	5.7dB	455°K	405231	-206 Hz
2022-08-22	Monday	08:00	265°	+43°	0 dB	0°	265°	+43°	356°	+27°	5.6dB	452°K	405244	-228 Hz
2022-08-22	Monday	08:30	270°	+38°	0 dB	0°	270°	+38°	4°	+27°	5.6dB	449°K	405257	-246 Hz
2022-08-22	Monday	09:00	275°	+33°	0 dB	0°	275°	+33°	11°	+27°	5.6dB	445°K	405269	-260 Hz
2022-08-22	Monday	09:30	280°	+28°	0 dB	0°	280°	+28°	18°	+27°	5.5dB	442°K	405281	-269 Hz
2022-08-22	Monday	10:00	285°	+23°	0 dB	0°	285°	+23°	25°	+27°	5.5dB	439°K	405293	-275 Hz
2022-08-22	Monday	10:30	289°	+18°	0 dB	0°	289°	+18°	33°	+27°	5.5dB	436°K	405303	-276 Hz
2022-08-22	Monday	11:00	294°	+14°	0 dB	0°	294°	+14°	40°	+27°	5.5dB	432°K	405314	-273 Hz
2022-08-22	Monday	11:30	299°	+9°	0 dB	0°	299°	+9°	47°	+27°	5.4dB	429°K	405324	-265 Hz
2022-08-22	Monday	12:00	304°	+5°	0 dB	0°	304°	+5°	54°	+27°	5.4dB	426°K	405333	-254 Hz
2022-08-22	Monday	12:30	309°	+1°	0 dB	0°	309°	+1°	62°	+27°	5.4dB	423°K	405342	-238 Hz
2022-08-22	Monday	21:00	052°	+1°	0 dB	0°	052°	+1°	185°	+27°	5.1dB	391°K	405425	+234 Hz
2022-08-22	Monday	21:30	057°	+5°	0 dB	0°	057°	+5°	192°	+27°	5.1dB	389°K	405425	+249 Hz
2022-08-22	Monday	22:00	062°	+10°	0 dB	0°	062°	+10°	199°	+27°	5.0dB	387°K	405425	+261 Hz
2022-08-22	Monday	22:30	066°	+14°	0 dB	0°	066°	+14°	207°	+27°	5.0dB	386°K	405425	+268 Hz
2022-08-22	Monday	23:00	071°	+19°	0 dB	0°	071°	+19°	214°	+27°	5.0dB	384°K	405424	+271 Hz
2022-08-22	Monday	23:30	076°	+24°	0 dB	0°	076°	+24°	221°	+27°	5.0dB	383°K	405423	+269 Hz
2022-08-23	Tuesday	00:00	080°	+29°	0 dB	0°	080°	+29°	228°	+27°	5.0dB	381°K	405422	+264 Hz
2022-08-23	Tuesday	00:30	085°	+34°	0 dB	0°	085°	+34°	236°	+27°	5.0dB	379°K	405420	+254 Hz
2022-08-23	Tuesday	01:00	090°	+39°	0 dB	0°	090°	+39°	243°	+27°	5.0dB	378°K	405417	+239 Hz
2022-08-23	Tuesday	01:30	096°	+44°	0 dB	0°	096°	+44°	250°	+27°	4.9dB	376°K	405414	+221 Hz
2022-08-23	Tuesday	02:00	102°	+49°	0 dB	0°	102°	+49°	257°	+27°	4.9dB	375°K	405411	+199 Hz
2022-08-23	Tuesday	02:30	109°	+54°	0 dB	0°	109°	+54°	265°	+27°	4.9dB	373°K	405407	+174 Hz
2022-08-23	Tuesday	03:00	117°	+58°	0 dB	0°	117°	+58°	272°	+27°	4.9dB	371°K	405403	+146 Hz
2022-08-23	Tuesday	03:30	127°	+63°	0 dB	0°	127°	+63°	279°	+27°	4.9dB	370°K	405398	+115 Hz
2022-08-23	Tuesday	04:00	139°	+66°	0 dB	0°	139°	+66°	286°	+27°	4.9dB	368°K	405393	+83 Hz
2022-08-23	Tuesday	04:30	155°	+69°	0 dB	0°	155°	+69°	293°	+27°	4.8dB	365°K	405388	+49 Hz
2022-08-23	Tuesday	05:00	174°	+71°	0 dB	0°	174°	+71°	301°	+27°	4.8dB	363°K	405382	+14 Hz
2022-08-23	Tuesday	05:30	193°	+70°	0 dB	0°	193°	+70°	308°	+27°	4.8dB	360°K	405375	-21 Hz
2022-08-23	Tuesday	06:00	211°	+68°	0 dB	0°	211°	+68°	315°	+27°	4.8dB	358°K	405368	-56 Hz
2022-08-23	Tuesday	06:30	226°	+65°	0 dB	0°	226°	+65°	322°	+27°	4.7dB	356°K	405361	-89 Hz
2022-08-23	Tuesday	07:00	237°	+61°	0 dB	0°	237°	+61°	330°	+27°	4.7dB	353°K	405353	-121 Hz
2022-08-23	Tuesday	07:30	246°	+57°	0 dB	0°	246°	+57°	337°	+27°	4.7dB	351°K	405345	-151 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-23	Tuesday	08:00	254°	+52°	0 dB	0°	254°	+52°	344°	+27°	4.6dB	348°K	405336 -178 Hz
2022-08-23	Tuesday	08:30	260°	+47°	0 dB	0°	260°	+47°	351°	+27°	4.6dB	346°K	405327 -202 Hz
2022-08-23	Tuesday	09:00	266°	+42°	0 dB	0°	266°	+42°	359°	+27°	4.6dB	344°K	405318 -223 Hz
2022-08-23	Tuesday	09:30	271°	+37°	0 dB	0°	271°	+37°	6°	+27°	4.6dB	341°K	405308 -240 Hz
2022-08-23	Tuesday	10:00	276°	+32°	0 dB	0°	276°	+32°	13°	+27°	4.6dB	339°K	405298 -253 Hz
2022-08-23	Tuesday	10:30	281°	+26°	0 dB	0°	281°	+26°	20°	+27°	4.5dB	336°K	405287 -261 Hz
2022-08-23	Tuesday	11:00	286°	+22°	0 dB	0°	286°	+22°	28°	+27°	4.5dB	334°K	405276 -266 Hz
2022-08-23	Tuesday	11:30	290°	+17°	0 dB	0°	290°	+17°	35°	+27°	4.5dB	332°K	405264 -265 Hz
2022-08-23	Tuesday	12:00	295°	+12°	0 dB	0°	295°	+12°	42°	+27°	4.4dB	329°K	405252 -261 Hz
2022-08-23	Tuesday	12:30	300°	+8°	0 dB	0°	300°	+8°	49°	+27°	4.4dB	327°K	405240 -252 Hz
2022-08-23	Tuesday	13:00	305°	+3°	0 dB	0°	305°	+3°	57°	+27°	4.4dB	324°K	405227 -240 Hz
2022-08-23	Tuesday	22:00	054°	+2°	0 dB	0°	054°	+2°	187°	+26°	3.8dB	277°K	404928 +251 Hz
2022-08-23	Tuesday	22:30	059°	+6°	0 dB	0°	059°	+6°	194°	+26°	3.8dB	274°K	404907 +265 Hz
2022-08-23	Tuesday	23:00	064°	+10°	0 dB	0°	064°	+10°	202°	+26°	3.7dB	271°K	404886 +276 Hz
2022-08-23	Tuesday	23:30	069°	+15°	0 dB	0°	069°	+15°	209°	+26°	3.7dB	269°K	404865 +282 Hz
2022-08-24	Wednesday	00:00	073°	+20°	0 dB	0°	073°	+20°	216°	+26°	3.7dB	266°K	404844 +283 Hz
2022-08-24	Wednesday	00:30	078°	+24°	0 dB	0°	078°	+24°	223°	+26°	3.6dB	263°K	404822 +281 Hz
2022-08-24	Wednesday	01:00	083°	+29°	0 dB	0°	083°	+29°	231°	+26°	3.6dB	260°K	404800 +273 Hz
2022-08-24	Wednesday	01:30	088°	+34°	0 dB	0°	088°	+34°	238°	+26°	3.5dB	257°K	404777 +262 Hz
2022-08-24	Wednesday	02:00	093°	+39°	0 dB	0°	093°	+39°	245°	+26°	3.5dB	254°K	404754 +247 Hz
2022-08-24	Wednesday	02:30	099°	+45°	0 dB	0°	099°	+45°	252°	+26°	3.4dB	251°K	404730 +227 Hz
2022-08-24	Wednesday	03:00	105°	+49°	0 dB	0°	105°	+49°	260°	+26°	3.4dB	249°K	404707 +204 Hz
2022-08-24	Wednesday	03:30	113°	+54°	0 dB	0°	113°	+54°	267°	+26°	3.4dB	246°K	404682 +177 Hz
2022-08-24	Wednesday	04:00	121°	+59°	0 dB	0°	121°	+59°	274°	+26°	3.3dB	243°K	404658 +148 Hz
2022-08-24	Wednesday	04:30	132°	+63°	0 dB	0°	132°	+63°	281°	+26°	3.3dB	240°K	404633 +116 Hz
2022-08-24	Wednesday	05:00	146°	+66°	0 dB	0°	146°	+66°	289°	+26°	3.2dB	237°K	404608 +83 Hz
2022-08-24	Wednesday	05:30	162°	+68°	0 dB	0°	162°	+68°	296°	+26°	3.2dB	234°K	404582 +48 Hz
2022-08-24	Wednesday	06:00	180°	+69°	0 dB	0°	180°	+69°	303°	+25°	3.2dB	232°K	404556 +13 Hz
2022-08-24	Wednesday	06:30	198°	+68°	0 dB	0°	198°	+68°	310°	+25°	3.1dB	229°K	404530 -23 Hz
2022-08-24	Wednesday	07:00	214°	+66°	0 dB	0°	214°	+66°	318°	+25°	3.1dB	226°K	404503 -58 Hz
2022-08-24	Wednesday	07:30	228°	+63°	0 dB	0°	228°	+63°	325°	+25°	3.1dB	225°K	404476 -91 Hz
2022-08-24	Wednesday	08:00	238°	+58°	0 dB	0°	238°	+58°	332°	+25°	3.0dB	224°K	404448 -123 Hz
2022-08-24	Wednesday	08:30	247°	+54°	0 dB	0°	247°	+54°	339°	+25°	3.0dB	223°K	404421 -153 Hz
2022-08-24	Wednesday	09:00	254°	+49°	0 dB	0°	254°	+49°	347°	+25°	3.0dB	222°K	404393 -179 Hz
2022-08-24	Wednesday	09:30	261°	+44°	0 dB	0°	261°	+44°	354°	+25°	3.0dB	221°K	404364 -203 Hz
2022-08-24	Wednesday	10:00	266°	+39°	0 dB	0°	266°	+39°	1°	+25°	3.0dB	220°K	404335 -223 Hz
2022-08-24	Wednesday	10:30	272°	+34°	0 dB	0°	272°	+34°	8°	+25°	3.0dB	219°K	404306 -239 Hz
2022-08-24	Wednesday	11:00	277°	+29°	0 dB	0°	277°	+29°	16°	+25°	2.9dB	218°K	404277 -250 Hz
2022-08-24	Wednesday	11:30	281°	+24°	0 dB	0°	281°	+24°	23°	+25°	2.9dB	217°K	404247 -258 Hz
2022-08-24	Wednesday	12:00	286°	+19°	0 dB	0°	286°	+19°	30°	+25°	2.9dB	216°K	404216 -261 Hz
2022-08-24	Wednesday	12:30	291°	+14°	0 dB	0°	291°	+14°	37°	+25°	2.9dB	215°K	404186 -259 Hz
2022-08-24	Wednesday	13:00	295°	+9°	0 dB	0°	295°	+9°	45°	+25°	2.9dB	215°K	404155 -254 Hz
2022-08-24	Wednesday	13:30	300°	+5°	0 dB	0°	300°	+5°	52°	+25°	2.9dB	214°K	404124 -244 Hz
2022-08-24	Wednesday	14:00	305°	+0°	0 dB	0°	305°	+0°	59°	+25°	2.9dB	213°K	404092 -230 Hz
2022-08-24	Wednesday	23:00	057°	+1°	0 dB	0°	057°	+1°	190°	+24°	2.5dB	196°K	403468 +269 Hz
2022-08-24	Wednesday	23:30	062°	+6°	0 dB	0°	062°	+6°	197°	+24°	2.5dB	195°K	403431 +282 Hz
2022-08-25	Thursday	00:00	067°	+10°	0 dB	0°	067°	+10°	204°	+24°	2.5dB	194°K	403393 +291 Hz
2022-08-25	Thursday	00:30	072°	+15°	0 dB	0°	072°	+15°	211°	+24°	2.5dB	193°K	403354 +296 Hz
2022-08-25	Thursday	01:00	077°	+20°	0 dB	0°	077°	+20°	219°	+24°	2.5dB	192°K	403316 +296 Hz
2022-08-25	Thursday	01:30	082°	+25°	0 dB	0°	082°	+25°	226°	+24°	2.5dB	191°K	403277 +292 Hz
2022-08-25	Thursday	02:00	087°	+30°	0 dB	0°	087°	+30°	233°	+23°	2.4dB	190°K	403238 +283 Hz
2022-08-25	Thursday	02:30	092°	+35°	0 dB	0°	092°	+35°	240°	+23°	2.4dB	189°K	403198 +270 Hz
2022-08-25	Thursday	03:00	098°	+40°	0 dB	0°	098°	+40°	248°	+23°	2.4dB	189°K	403159 +253 Hz
2022-08-25	Thursday	03:30	104°	+45°	0 dB	0°	104°	+45°	255°	+23°	2.4dB	188°K	403119 +231 Hz
2022-08-25	Thursday	04:00	111°	+49°	0 dB	0°	111°	+49°	262°	+23°	2.4dB	187°K	403078 +206 Hz
2022-08-25	Thursday	04:30	119°	+54°	0 dB	0°	119°	+54°	269°	+23°	2.4dB	186°K	403038 +178 Hz
2022-08-25	Thursday	05:00	128°	+58°	0 dB	0°	128°	+58°	277°	+23°	2.3dB	185°K	402997 +147 Hz
2022-08-25	Thursday	05:30	140°	+62°	0 dB	0°	140°	+62°	284°	+23°	2.3dB	184°K	402956 +114 Hz
2022-08-25	Thursday	06:00	154°	+65°	0 dB	0°	154°	+65°	291°	+23°	2.3dB	183°K	402914 +79 Hz
2022-08-25	Thursday	06:30	170°	+66°	0 dB	0°	170°	+66°	298°	+23°	2.3dB	182°K	402872 +43 Hz
2022-08-25	Thursday	07:00	186°	+66°	0 dB	0°	186°	+66°	306°	+23°	2.3dB	181°K	402830 +7 Hz
2022-08-25	Thursday	07:30	203°	+65°	0 dB	0°	203°	+65°	313°	+23°	2.2dB	180°K	402788 -29 Hz
2022-08-25	Thursday	08:00	217°	+62°	0 dB	0°	217°	+62°	320°	+23°	2.2dB	179°K	402745 -64 Hz
2022-08-25	Thursday	08:30	229°	+59°	0 dB	0°	229°	+59°	328°	+23°	2.2dB	178°K	402703 -98 Hz
2022-08-25	Thursday	09:00	238°	+55°	0 dB	0°	238°	+55°	335°	+23°	2.2dB	178°K	402659 -130 Hz
2022-08-25	Thursday	09:30	247°	+50°	0 dB	0°	247°	+50°	342°	+22°	2.2dB	177°K	402616 -160 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-25	Thursday	10:00	254°	+45°	0 dB	0°	254°	+45°	349°	+22°	2.2dB	176°K	402572 -186 Hz
2022-08-25	Thursday	10:30	260°	+40°	0 dB	0°	260°	+40°	357°	+22°	2.1dB	175°K	402528 -209 Hz
2022-08-25	Thursday	11:00	266°	+35°	0 dB	0°	266°	+35°	4°	+22°	2.1dB	174°K	402484 -227 Hz
2022-08-25	Thursday	11:30	271°	+30°	0 dB	0°	271°	+30°	11°	+22°	2.1dB	174°K	402440 -242 Hz
2022-08-25	Thursday	12:00	276°	+25°	0 dB	0°	276°	+25°	18°	+22°	2.1dB	174°K	402395 -253 Hz
2022-08-25	Thursday	12:30	281°	+20°	0 dB	0°	281°	+20°	26°	+22°	2.1dB	174°K	402350 -259 Hz
2022-08-25	Thursday	13:00	286°	+15°	0 dB	0°	286°	+15°	33°	+22°	2.1dB	175°K	402305 -260 Hz
2022-08-25	Thursday	13:30	290°	+10°	0 dB	0°	290°	+10°	40°	+22°	2.1dB	175°K	402259 -257 Hz
2022-08-25	Thursday	14:00	295°	+5°	0 dB	0°	295°	+5°	47°	+22°	2.1dB	175°K	402214 -249 Hz
2022-08-25	Thursday	14:30	300°	+1°	0 dB	0°	300°	+1°	55°	+22°	2.1dB	175°K	402168 -238 Hz
2022-08-26	Fri day	00:00	062°	+0°	0 dB	0°	062°	+0°	193°	+20°	2.2dB	181°K	401247 +287 Hz
2022-08-26	Fri day	00:30	067°	+5°	0 dB	0°	067°	+5°	200°	+20°	2.2dB	181°K	401196 +299 Hz
2022-08-26	Fri day	01:00	072°	+10°	0 dB	0°	072°	+10°	207°	+20°	2.2dB	182°K	401145 +306 Hz
2022-08-26	Fri day	01:30	077°	+14°	0 dB	0°	077°	+14°	214°	+20°	2.2dB	182°K	401094 +309 Hz
2022-08-26	Fri day	02:00	082°	+19°	0 dB	0°	082°	+19°	222°	+20°	2.2dB	182°K	401042 +307 Hz
2022-08-26	Fri day	02:30	087°	+24°	0 dB	0°	087°	+24°	229°	+20°	2.2dB	182°K	400990 +301 Hz
2022-08-26	Fri day	03:00	092°	+29°	0 dB	0°	092°	+29°	236°	+20°	2.2dB	183°K	400939 +290 Hz
2022-08-26	Fri day	03:30	098°	+34°	0 dB	0°	098°	+34°	243°	+20°	2.2dB	183°K	400886 +275 Hz
2022-08-26	Fri day	04:00	104°	+39°	0 dB	0°	104°	+39°	251°	+20°	2.2dB	183°K	400834 +255 Hz
2022-08-26	Fri day	04:30	110°	+44°	0 dB	0°	110°	+44°	258°	+20°	2.2dB	183°K	400782 +232 Hz
2022-08-26	Fri day	05:00	118°	+49°	0 dB	0°	118°	+49°	265°	+20°	2.2dB	183°K	400729 +205 Hz
2022-08-26	Fri day	05:30	126°	+53°	0 dB	0°	126°	+53°	273°	+19°	2.2dB	183°K	400676 +175 Hz
2022-08-26	Fri day	06:00	137°	+57°	0 dB	0°	137°	+57°	280°	+19°	2.2dB	183°K	400623 +142 Hz
2022-08-26	Fri day	06:30	149°	+60°	0 dB	0°	149°	+60°	287°	+19°	2.2dB	184°K	400569 +107 Hz
2022-08-26	Fri day	07:00	162°	+62°	0 dB	0°	162°	+62°	294°	+19°	2.2dB	184°K	400516 +71 Hz
2022-08-26	Fri day	07:30	177°	+63°	0 dB	0°	177°	+63°	302°	+19°	2.2dB	184°K	400462 +33 Hz
2022-08-26	Fri day	08:00	192°	+62°	0 dB	0°	192°	+62°	309°	+19°	2.2dB	184°K	400408 -4 Hz
2022-08-26	Fri day	08:30	206°	+60°	0 dB	0°	206°	+60°	316°	+19°	2.2dB	184°K	400354 -41 Hz
2022-08-26	Fri day	09:00	219°	+58°	0 dB	0°	219°	+58°	323°	+19°	2.2dB	184°K	400300 -77 Hz
2022-08-26	Fri day	09:30	229°	+54°	0 dB	0°	229°	+54°	331°	+19°	2.2dB	184°K	400245 -111 Hz
2022-08-26	Fri day	10:00	238°	+50°	0 dB	0°	238°	+50°	338°	+19°	2.2dB	185°K	400190 -142 Hz
2022-08-26	Fri day	10:30	246°	+45°	0 dB	0°	246°	+45°	345°	+19°	2.2dB	185°K	400135 -171 Hz
2022-08-26	Fri day	11:00	253°	+40°	0 dB	0°	253°	+40°	353°	+19°	2.2dB	SUN!	400080 -197 Hz
2022-08-26	Fri day	11:30	259°	+35°	0 dB	0°	259°	+35°	360°	+18°	2.2dB	SUN!	400025 -218 Hz
2022-08-26	Fri day	12:00	265°	+30°	0 dB	0°	265°	+30°	7°	+18°	2.2dB	SUN!	399969 -236 Hz
2022-08-26	Fri day	12:30	270°	+25°	0 dB	0°	270°	+25°	14°	+18°	2.2dB	SUN!	399914 -249 Hz
2022-08-26	Fri day	13:00	275°	+20°	0 dB	0°	275°	+20°	22°	+18°	2.2dB	SUN!	399858 -258 Hz
2022-08-26	Fri day	13:30	280°	+15°	0 dB	0°	280°	+15°	29°	+18°	2.2dB	SUN!	399802 -262 Hz
2022-08-26	Fri day	14:00	285°	+10°	0 dB	0°	285°	+10°	36°	+18°	2.2dB	SUN!	399745 -261 Hz
2022-08-26	Fri day	14:30	290°	+5°	0 dB	0°	290°	+5°	43°	+18°	2.2dB	SUN!	399689 -256 Hz
2022-08-26	Fri day	15:00	295°	+0°	0 dB	0°	295°	+0°	51°	+18°	2.2dB	SUN!	399632 -246 Hz
2022-08-27	Saturday	01:30	072°	+4°	0 dB	0°	072°	+4°	203°	+16°	2.3dB	SUN!	398404 +314 Hz
2022-08-27	Saturday	02:00	077°	+9°	0 dB	0°	077°	+9°	211°	+16°	2.3dB	SUN!	398344 +319 Hz
2022-08-27	Saturday	02:30	082°	+14°	0 dB	0°	082°	+14°	218°	+16°	2.3dB	SUN!	398284 +320 Hz
2022-08-27	Saturday	03:00	088°	+19°	0 dB	0°	088°	+19°	225°	+16°	2.3dB	SUN!	398223 +316 Hz
2022-08-27	Saturday	03:30	093°	+24°	0 dB	0°	093°	+24°	232°	+15°	2.3dB	SUN!	398163 +307 Hz
2022-08-27	Saturday	04:00	098°	+29°	0 dB	0°	098°	+29°	240°	+15°	2.3dB	SUN!	398102 +294 Hz
2022-08-27	Saturday	04:30	104°	+34°	0 dB	0°	104°	+34°	247°	+15°	2.3dB	SUN!	398041 +276 Hz
2022-08-27	Saturday	05:00	111°	+38°	0 dB	0°	111°	+38°	254°	+15°	2.3dB	SUN!	397980 +254 Hz
2022-08-27	Saturday	05:30	118°	+43°	0 dB	0°	118°	+43°	262°	+15°	2.3dB	SUN!	397918 +228 Hz
2022-08-27	Saturday	06:00	126°	+47°	0 dB	0°	126°	+47°	269°	+15°	2.3dB	SUN!	397857 +198 Hz
2022-08-27	Saturday	06:30	135°	+51°	0 dB	0°	135°	+51°	276°	+15°	2.3dB	SUN!	397796 +166 Hz
2022-08-27	Saturday	07:00	146°	+54°	0 dB	0°	146°	+54°	283°	+15°	2.3dB	SUN!	397734 +131 Hz
2022-08-27	Saturday	07:30	158°	+56°	0 dB	0°	158°	+56°	291°	+15°	2.3dB	SUN!	397672 +94 Hz
2022-08-27	Saturday	08:00	171°	+58°	0 dB	0°	171°	+58°	298°	+15°	2.3dB	SUN!	397610 +56 Hz
2022-08-27	Saturday	08:30	184°	+58°	0 dB	0°	184°	+58°	305°	+14°	2.3dB	SUN!	397548 +18 Hz
2022-08-27	Saturday	09:00	197°	+57°	0 dB	0°	197°	+57°	313°	+14°	2.3dB	SUN!	397486 -20 Hz
2022-08-27	Saturday	09:30	209°	+55°	0 dB	0°	209°	+55°	320°	+14°	2.3dB	SUN!	397424 -58 Hz
2022-08-27	Saturday	10:00	220°	+52°	0 dB	0°	220°	+52°	327°	+14°	2.3dB	SUN!	397361 -93 Hz
2022-08-27	Saturday	10:30	230°	+48°	0 dB	0°	230°	+48°	334°	+14°	2.3dB	SUN!	397298 -127 Hz
2022-08-27	Saturday	11:00	238°	+44°	0 dB	0°	238°	+44°	342°	+14°	2.3dB	SUN!	397236 -158 Hz
2022-08-27	Saturday	11:30	245°	+39°	0 dB	0°	245°	+39°	349°	+14°	2.3dB	SUN!	397173 -186 Hz
2022-08-27	Saturday	12:00	252°	+34°	0 dB	0°	252°	+34°	356°	+14°	2.3dB	SUN!	397110 -210 Hz
2022-08-27	Saturday	12:30	258°	+29°	0 dB	0°	258°	+29°	3°	+14°	2.3dB	SUN!	397047 -230 Hz
2022-08-27	Saturday	13:00	263°	+24°	0 dB	0°	263°	+24°	11°	+13°	2.3dB	SUN!	396984 -246 Hz
2022-08-27	Saturday	13:30	269°	+19°	0 dB	0°	269°	+19°	18°	+13°	2.3dB	SUN!	396920 -257 Hz



Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-27	Saturday	14:00	274°	+14°	0 dB	0°	274°	+14°	25°	+13°	2.3dB	SUN!	396857 -264 Hz
2022-08-27	Saturday	14:30	279°	+9°	0 dB	0°	279°	+9°	33°	+13°	2.3dB	SUN!	396793 -265 Hz
2022-08-27	Saturday	15:00	284°	+4°	0 dB	0°	284°	+4°	40°	+13°	2.3dB	SUN!	396729 -262 Hz
2022-08-28	Sunday	02:30	079°	+3°	0 dB	0°	079°	+3°	207°	+11°	2.4dB	206°K	395234 +325 Hz
2022-08-28	Sunday	03:00	084°	+8°	0 dB	0°	084°	+8°	215°	+10°	2.3dB	206°K	395167 +328 Hz
2022-08-28	Sunday	03:30	089°	+13°	0 dB	0°	089°	+13°	222°	+10°	2.3dB	206°K	395101 +326 Hz
2022-08-28	Sunday	04:00	094°	+18°	0 dB	0°	094°	+18°	229°	+10°	2.4dB	207°K	395035 +319 Hz
2022-08-28	Sunday	04:30	100°	+23°	0 dB	0°	100°	+23°	236°	+10°	2.4dB	207°K	394968 +308 Hz
2022-08-28	Sunday	05:00	106°	+27°	0 dB	0°	106°	+27°	244°	+10°	2.4dB	207°K	394901 +292 Hz
2022-08-28	Sunday	05:30	112°	+32°	0 dB	0°	112°	+32°	251°	+10°	2.4dB	207°K	394835 +271 Hz
2022-08-28	Sunday	06:00	119°	+37°	0 dB	0°	119°	+37°	258°	+10°	2.4dB	208°K	394768 +246 Hz
2022-08-28	Sunday	06:30	127°	+41°	0 dB	0°	127°	+41°	265°	+10°	2.4dB	208°K	394701 +218 Hz
2022-08-28	Sunday	07:00	135°	+45°	0 dB	0°	135°	+45°	273°	+10°	2.4dB	208°K	394634 +186 Hz
2022-08-28	Sunday	07:30	145°	+48°	0 dB	0°	145°	+48°	280°	+9°	2.4dB	209°K	394567 +151 Hz
2022-08-28	Sunday	08:00	155°	+50°	0 dB	0°	155°	+50°	287°	+9°	2.4dB	209°K	394500 +115 Hz
2022-08-28	Sunday	08:30	166°	+52°	0 dB	0°	166°	+52°	295°	+9°	2.4dB	209°K	394433 +77 Hz
2022-08-28	Sunday	09:00	178°	+53°	0 dB	0°	178°	+53°	302°	+9°	2.4dB	209°K	394365 +38 Hz
2022-08-28	Sunday	09:30	190°	+52°	0 dB	0°	190°	+52°	309°	+9°	2.4dB	210°K	394298 -1 Hz
2022-08-28	Sunday	10:00	202°	+51°	0 dB	0°	202°	+51°	316°	+9°	2.4dB	210°K	394230 -40 Hz
2022-08-28	Sunday	10:30	212°	+48°	0 dB	0°	212°	+48°	324°	+9°	2.4dB	210°K	394163 -77 Hz
2022-08-28	Sunday	11:00	222°	+45°	0 dB	0°	222°	+45°	331°	+9°	2.4dB	210°K	394095 -113 Hz
2022-08-28	Sunday	11:30	230°	+41°	0 dB	0°	230°	+41°	338°	+9°	2.4dB	211°K	394027 -146 Hz
2022-08-28	Sunday	12:00	238°	+37°	0 dB	0°	238°	+37°	346°	+8°	2.4dB	211°K	393959 -175 Hz
2022-08-28	Sunday	12:30	245°	+32°	0 dB	0°	245°	+32°	353°	+8°	2.4dB	211°K	393892 -202 Hz
2022-08-28	Sunday	13:00	251°	+28°	0 dB	0°	251°	+28°	0°	+8°	2.4dB	212°K	393824 -224 Hz
2022-08-28	Sunday	13:30	257°	+23°	0 dB	0°	257°	+23°	7°	+8°	2.4dB	212°K	393756 -242 Hz
2022-08-28	Sunday	14:00	262°	+18°	0 dB	0°	262°	+18°	15°	+8°	2.4dB	212°K	393687 -255 Hz
2022-08-28	Sunday	14:30	268°	+12°	0 dB	0°	268°	+12°	22°	+8°	2.4dB	212°K	393619 -264 Hz
2022-08-28	Sunday	15:00	273°	+7°	0 dB	0°	273°	+7°	29°	+8°	2.4dB	213°K	393551 -268 Hz
2022-08-28	Sunday	15:30	278°	+2°	0 dB	0°	278°	+2°	37°	+8°	2.4dB	214°K	393483 -266 Hz
2022-08-29	Monday	03:30	085°	+1°	0 dB	0°	085°	+1°	211°	+5°	2.9dB	251°K	391821 +332 Hz
2022-08-29	Monday	04:00	091°	+6°	0 dB	0°	091°	+6°	219°	+5°	2.9dB	252°K	391751 +332 Hz
2022-08-29	Monday	04:30	096°	+11°	0 dB	0°	096°	+11°	226°	+5°	2.9dB	254°K	391681 +327 Hz
2022-08-29	Monday	05:00	102°	+16°	0 dB	0°	102°	+16°	233°	+4°	2.9dB	255°K	391611 +318 Hz
2022-08-29	Monday	05:30	107°	+21°	0 dB	0°	107°	+21°	240°	+4°	3.0dB	257°K	391541 +303 Hz
2022-08-29	Monday	06:00	114°	+26°	0 dB	0°	114°	+26°	248°	+4°	3.0dB	258°K	391471 +284 Hz
2022-08-29	Monday	06:30	120°	+30°	0 dB	0°	120°	+30°	255°	+4°	3.0dB	260°K	391400 +261 Hz
2022-08-29	Monday	07:00	127°	+34°	0 dB	0°	127°	+34°	262°	+4°	3.0dB	261°K	391330 +233 Hz
2022-08-29	Monday	07:30	135°	+38°	0 dB	0°	135°	+38°	270°	+4°	3.0dB	263°K	391260 +203 Hz
2022-08-29	Monday	08:00	144°	+41°	0 dB	0°	144°	+41°	277°	+4°	3.0dB	265°K	391189 +169 Hz
2022-08-29	Monday	08:30	153°	+44°	0 dB	0°	153°	+44°	284°	+4°	3.1dB	266°K	391119 +133 Hz
2022-08-29	Monday	09:00	163°	+46°	0 dB	0°	163°	+46°	291°	+4°	3.1dB	268°K	391048 +95 Hz
2022-08-29	Monday	09:30	174°	+47°	0 dB	0°	174°	+47°	299°	+3°	3.1dB	270°K	390977 +56 Hz
2022-08-29	Monday	10:00	184°	+47°	0 dB	0°	184°	+47°	306°	+3°	3.1dB	271°K	390907 +16 Hz
2022-08-29	Monday	10:30	195°	+46°	0 dB	0°	195°	+46°	313°	+3°	3.1dB	273°K	390836 -23 Hz
2022-08-29	Monday	11:00	205°	+44°	0 dB	0°	205°	+44°	321°	+3°	3.2dB	275°K	390765 -61 Hz
2022-08-29	Monday	11:30	214°	+41°	0 dB	0°	214°	+41°	328°	+3°	3.2dB	276°K	390695 -98 Hz
2022-08-29	Monday	12:00	223°	+38°	0 dB	0°	223°	+38°	335°	+3°	3.2dB	278°K	390624 -132 Hz
2022-08-29	Monday	12:30	231°	+34°	0 dB	0°	231°	+34°	342°	+3°	3.2dB	280°K	390553 -163 Hz
2022-08-29	Monday	13:00	238°	+30°	0 dB	0°	238°	+30°	350°	+3°	3.2dB	281°K	390482 -191 Hz
2022-08-29	Monday	13:30	244°	+25°	0 dB	0°	244°	+25°	357°	+2°	3.2dB	283°K	390411 -216 Hz
2022-08-29	Monday	14:00	250°	+20°	0 dB	0°	250°	+20°	4°	+2°	3.3dB	285°K	390340 -235 Hz
2022-08-29	Monday	14:30	256°	+15°	0 dB	0°	256°	+15°	12°	+2°	3.3dB	286°K	390269 -251 Hz
2022-08-29	Monday	15:00	261°	+10°	0 dB	0°	261°	+10°	19°	+2°	3.3dB	288°K	390197 -261 Hz
2022-08-29	Monday	15:30	266°	+5°	0 dB	0°	266°	+5°	26°	+2°	3.3dB	289°K	390126 -267 Hz
2022-08-29	Monday	16:00	272°	+0°	0 dB	0°	272°	+0°	33°	+2°	3.3dB	291°K	390055 -268 Hz
2022-08-30	Tuesday	04:30	093°	-0°	0 dB	0°	093°	-0°	215°	-1°	3.5dB	313°K	388260 +334 Hz
2022-08-30	Tuesday	05:00	098°	+5°	0 dB	0°	098°	+5°	223°	-1°	3.5dB	313°K	388188 +331 Hz
2022-08-30	Tuesday	05:30	103°	+10°	0 dB	0°	103°	+10°	230°	-2°	3.5dB	313°K	388115 +323 Hz
2022-08-30	Tuesday	06:00	109°	+14°	0 dB	0°	109°	+14°	237°	-2°	3.5dB	313°K	388043 +310 Hz
2022-08-30	Tuesday	06:30	115°	+19°	0 dB	0°	115°	+19°	245°	-2°	3.5dB	313°K	387971 +293 Hz
2022-08-30	Tuesday	07:00	121°	+23°	0 dB	0°	121°	+23°	252°	-2°	3.5dB	313°K	387898 +272 Hz
2022-08-30	Tuesday	07:30	128°	+28°	0 dB	0°	128°	+28°	259°	-2°	3.5dB	313°K	387826 +246 Hz
2022-08-30	Tuesday	08:00	135°	+31°	0 dB	0°	135°	+31°	266°	-2°	3.5dB	313°K	387753 +217 Hz
2022-08-30	Tuesday	08:30	143°	+34°	0 dB	0°	143°	+34°	274°	-2°	3.5dB	313°K	387681 +184 Hz
2022-08-30	Tuesday	09:00	152°	+37°	0 dB	0°	152°	+37°	281°	-2°	3.5dB	313°K	387608 +149 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-08-30	Tuesday	09:30	161°	+39°	0 dB	0°	161°	+39°	288°	-2°	3.5dB	313°K	387535 +112 Hz
2022-08-30	Tuesday	10:00	170°	+40°	0 dB	0°	170°	+40°	296°	-3°	3.5dB	313°K	387463 +73 Hz
2022-08-30	Tuesday	10:30	180°	+41°	0 dB	0°	180°	+41°	303°	-3°	3.5dB	313°K	387390 +34 Hz
2022-08-30	Tuesday	11:00	189°	+40°	0 dB	0°	189°	+40°	310°	-3°	3.5dB	313°K	387317 -5 Hz
2022-08-30	Tuesday	11:30	199°	+39°	0 dB	0°	199°	+39°	317°	-3°	3.5dB	313°K	387245 -44 Hz
2022-08-30	Tuesday	12:00	208°	+37°	0 dB	0°	208°	+37°	325°	-3°	3.5dB	313°K	387172 -81 Hz
2022-08-30	Tuesday	12:30	216°	+34°	0 dB	0°	216°	+34°	332°	-3°	3.5dB	313°K	387099 -116 Hz
2022-08-30	Tuesday	13:00	224°	+30°	0 dB	0°	224°	+30°	339°	-3°	3.5dB	313°K	387026 -149 Hz
2022-08-30	Tuesday	13:30	231°	+26°	0 dB	0°	231°	+26°	347°	-3°	3.5dB	313°K	386953 -178 Hz
2022-08-30	Tuesday	14:00	237°	+22°	0 dB	0°	237°	+22°	354°	-4°	3.5dB	313°K	386880 -203 Hz
2022-08-30	Tuesday	14:30	243°	+18°	0 dB	0°	243°	+18°	1°	-4°	3.4dB	312°K	386808 -225 Hz
2022-08-30	Tuesday	15:00	249°	+13°	0 dB	0°	249°	+13°	8°	-4°	3.4dB	312°K	386735 -242 Hz
2022-08-30	Tuesday	15:30	255°	+8°	0 dB	0°	255°	+8°	16°	-4°	3.4dB	312°K	386662 -255 Hz
2022-08-30	Tuesday	16:00	260°	+3°	0 dB	0°	260°	+3°	23°	-4°	3.4dB	312°K	386589 -262 Hz
2022-08-31	Wednesday	06:00	105°	+3°	0 dB	0°	105°	+3°	227°	-8°	3.3dB	305°K	384534 +324 Hz
2022-08-31	Wednesday	06:30	111°	+8°	0 dB	0°	111°	+8°	234°	-8°	3.3dB	306°K	384460 +314 Hz
2022-08-31	Wednesday	07:00	116°	+12°	0 dB	0°	116°	+12°	241°	-8°	3.3dB	306°K	384386 +299 Hz
2022-08-31	Wednesday	07:30	122°	+17°	0 dB	0°	122°	+17°	248°	-8°	3.3dB	307°K	384313 +280 Hz
2022-08-31	Wednesday	08:00	129°	+21°	0 dB	0°	129°	+21°	256°	-8°	3.3dB	308°K	384239 +256 Hz
2022-08-31	Wednesday	08:30	135°	+24°	0 dB	0°	135°	+24°	263°	-8°	3.3dB	308°K	384165 +229 Hz
2022-08-31	Wednesday	09:00	143°	+28°	0 dB	0°	143°	+28°	270°	-8°	3.3dB	309°K	384091 +198 Hz
2022-08-31	Wednesday	09:30	150°	+30°	0 dB	0°	150°	+30°	278°	-8°	3.3dB	310°K	384017 +164 Hz
2022-08-31	Wednesday	10:00	158°	+32°	0 dB	0°	158°	+32°	285°	-8°	3.3dB	311°K	383944 +129 Hz
2022-08-31	Wednesday	10:30	167°	+34°	0 dB	0°	167°	+34°	292°	-9°	3.3dB	311°K	383870 +91 Hz
2022-08-31	Wednesday	11:00	176°	+34°	0 dB	0°	176°	+34°	299°	-9°	3.3dB	312°K	383796 +53 Hz
2022-08-31	Wednesday	11:30	184°	+34°	0 dB	0°	184°	+34°	307°	-9°	3.3dB	313°K	383722 +14 Hz
2022-08-31	Wednesday	12:00	193°	+33°	0 dB	0°	193°	+33°	314°	-9°	3.3dB	313°K	383648 -24 Hz
2022-08-31	Wednesday	12:30	201°	+32°	0 dB	0°	201°	+32°	321°	-9°	3.3dB	314°K	383574 -61 Hz
2022-08-31	Wednesday	13:00	209°	+29°	0 dB	0°	209°	+29°	328°	-9°	3.3dB	315°K	383500 -97 Hz
2022-08-31	Wednesday	13:30	217°	+27°	0 dB	0°	217°	+27°	336°	-9°	3.3dB	316°K	383426 -130 Hz
2022-08-31	Wednesday	14:00	224°	+23°	0 dB	0°	224°	+23°	343°	-9°	3.3dB	316°K	383352 -160 Hz
2022-08-31	Wednesday	14:30	230°	+19°	0 dB	0°	230°	+19°	350°	-10°	3.3dB	317°K	383278 -187 Hz
2022-08-31	Wednesday	15:00	237°	+15°	0 dB	0°	237°	+15°	357°	-10°	3.3dB	318°K	383204 -210 Hz
2022-08-31	Wednesday	15:30	242°	+11°	0 dB	0°	242°	+11°	5°	-10°	3.4dB	319°K	383130 -229 Hz
2022-08-31	Wednesday	16:00	248°	+6°	0 dB	0°	248°	+6°	12°	-10°	3.3dB	319°K	383056 -243 Hz
2022-08-31	Wednesday	16:30	253°	+1°	0 dB	0°	253°	+1°	19°	-10°	3.4dB	320°K	382982 -253 Hz
2022-09-01	Thursday	07:00	111°	+1°	0 dB	0°	111°	+1°	230°	-13°	3.6dB	351°K	380832 +314 Hz
2022-09-01	Thursday	07:30	117°	+5°	0 dB	0°	117°	+5°	237°	-14°	3.6dB	353°K	380758 +302 Hz
2022-09-01	Thursday	08:00	122°	+10°	0 dB	0°	122°	+10°	244°	-14°	3.6dB	354°K	380684 +285 Hz
2022-09-01	Thursday	08:30	128°	+14°	0 dB	0°	128°	+14°	252°	-14°	3.6dB	355°K	380609 +264 Hz
2022-09-01	Thursday	09:00	135°	+17°	0 dB	0°	135°	+17°	259°	-14°	3.6dB	356°K	380535 +239 Hz
2022-09-01	Thursday	09:30	141°	+21°	0 dB	0°	141°	+21°	266°	-14°	3.6dB	357°K	380461 +211 Hz
2022-09-01	Thursday	10:00	148°	+23°	0 dB	0°	148°	+23°	273°	-14°	3.7dB	359°K	380387 +180 Hz
2022-09-01	Thursday	10:30	156°	+26°	0 dB	0°	156°	+26°	281°	-14°	3.7dB	360°K	380313 +146 Hz
2022-09-01	Thursday	11:00	163°	+27°	0 dB	0°	163°	+27°	288°	-14°	3.7dB	361°K	380238 +111 Hz
2022-09-01	Thursday	11:30	171°	+28°	0 dB	0°	171°	+28°	295°	-14°	3.7dB	362°K	380164 +74 Hz
2022-09-01	Thursday	12:00	179°	+29°	0 dB	0°	179°	+29°	302°	-15°	3.7dB	363°K	380090 +36 Hz
2022-09-01	Thursday	12:30	187°	+28°	0 dB	0°	187°	+28°	310°	-15°	3.7dB	364°K	380016 -1 Hz
2022-09-01	Thursday	13:00	195°	+27°	0 dB	0°	195°	+27°	317°	-15°	3.7dB	365°K	379942 -38 Hz
2022-09-01	Thursday	13:30	203°	+25°	0 dB	0°	203°	+25°	324°	-15°	3.7dB	366°K	379868 -73 Hz
2022-09-01	Thursday	14:00	210°	+23°	0 dB	0°	210°	+23°	332°	-15°	3.7dB	367°K	379794 -107 Hz
2022-09-01	Thursday	14:30	217°	+20°	0 dB	0°	217°	+20°	339°	-15°	3.7dB	369°K	379720 -138 Hz
2022-09-01	Thursday	15:00	224°	+17°	0 dB	0°	224°	+17°	346°	-15°	3.7dB	370°K	379645 -166 Hz
2022-09-01	Thursday	15:30	230°	+13°	0 dB	0°	230°	+13°	353°	-15°	3.7dB	371°K	379571 -190 Hz
2022-09-01	Thursday	16:00	236°	+9°	0 dB	0°	236°	+9°	1°	-15°	3.8dB	372°K	379497 -211 Hz
2022-09-01	Thursday	16:30	241°	+4°	0 dB	0°	241°	+4°	8°	-15°	3.8dB	373°K	379423 -228 Hz
2022-09-01	Thursday	17:00	246°	-0°	0 dB	0°	246°	-0°	15°	-16°	3.8dB	374°K	379349 -240 Hz
2022-09-02	Fri day	08:30	122°	+3°	0 dB	0°	122°	+3°	240°	-19°	4.0dB	406°K	377065 +288 Hz
2022-09-02	Fri day	09:00	128°	+7°	0 dB	0°	128°	+7°	247°	-19°	4.0dB	407°K	376992 +271 Hz
2022-09-02	Fri day	09:30	133°	+10°	0 dB	0°	133°	+10°	254°	-19°	4.0dB	408°K	376919 +249 Hz
2022-09-02	Fri day	10:00	139°	+14°	0 dB	0°	139°	+14°	261°	-19°	4.0dB	409°K	376846 +224 Hz
2022-09-02	Fri day	10:30	146°	+17°	0 dB	0°	146°	+17°	269°	-19°	4.0dB	410°K	376773 +196 Hz
2022-09-02	Fri day	11:00	153°	+19°	0 dB	0°	153°	+19°	276°	-19°	4.0dB	411°K	376700 +165 Hz
2022-09-02	Fri day	11:30	160°	+21°	0 dB	0°	160°	+21°	283°	-19°	4.0dB	412°K	376627 +132 Hz
2022-09-02	Fri day	12:00	167°	+23°	0 dB	0°	167°	+23°	290°	-19°	4.0dB	413°K	376554 +97 Hz
2022-09-02	Fri day	12:30	174°	+23°	0 dB	0°	174°	+23°	298°	-20°	4.0dB	414°K	376481 +61 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-02	Fri day	13:00	182°	+23°	0 dB	0°	182°	+23°	305°	-20°	4.0dB	415°K	376408 +25 Hz
2022-09-02	Fri day	13:30	189°	+23°	0 dB	0°	189°	+23°	312°	-20°	4.0dB	416°K	376336 -11 Hz
2022-09-02	Fri day	14:00	197°	+22°	0 dB	0°	197°	+22°	319°	-20°	4.0dB	417°K	376263 -46 Hz
2022-09-02	Fri day	14:30	204°	+20°	0 dB	0°	204°	+20°	326°	-20°	4.0dB	419°K	376190 -80 Hz
2022-09-02	Fri day	15:00	210°	+17°	0 dB	0°	210°	+17°	334°	-20°	4.1dB	422°K	376118 -112 Hz
2022-09-02	Fri day	15:30	217°	+15°	0 dB	0°	217°	+15°	341°	-20°	4.1dB	424°K	376045 -141 Hz
2022-09-02	Fri day	16:00	223°	+11°	0 dB	0°	223°	+11°	348°	-20°	4.1dB	426°K	375973 -167 Hz
2022-09-02	Fri day	16:30	229°	+8°	0 dB	0°	229°	+8°	355°	-20°	4.1dB	429°K	375900 -189 Hz
2022-09-02	Fri day	17:00	234°	+4°	0 dB	0°	234°	+4°	3°	-20°	4.1dB	431°K	375828 -208 Hz
2022-09-03	Saturday	09:30	126°	+0°	0 dB	0°	126°	+0°	241°	-23°	5.0dB	548°K	373483 +276 Hz
2022-09-03	Saturday	10:00	131°	+4°	0 dB	0°	131°	+4°	248°	-23°	5.0dB	553°K	373414 +258 Hz
2022-09-03	Saturday	10:30	137°	+7°	0 dB	0°	137°	+7°	255°	-23°	5.0dB	558°K	373345 +237 Hz
2022-09-03	Saturday	11:00	143°	+11°	0 dB	0°	143°	+11°	263°	-23°	5.1dB	564°K	373275 +212 Hz
2022-09-03	Saturday	11:30	149°	+13°	0 dB	0°	149°	+13°	270°	-23°	5.1dB	569°K	373206 +184 Hz
2022-09-03	Saturday	12:00	155°	+16°	0 dB	0°	155°	+16°	277°	-23°	5.1dB	574°K	373137 +154 Hz
2022-09-03	Saturday	12:30	162°	+17°	0 dB	0°	162°	+17°	284°	-24°	5.2dB	580°K	373068 +122 Hz
2022-09-03	Saturday	13:00	169°	+19°	0 dB	0°	169°	+19°	291°	-24°	5.2dB	585°K	372999 +88 Hz
2022-09-03	Saturday	13:30	176°	+19°	0 dB	0°	176°	+19°	299°	-24°	5.2dB	590°K	372931 +53 Hz
2022-09-03	Saturday	14:00	183°	+19°	0 dB	0°	183°	+19°	306°	-24°	5.3dB	596°K	372862 +19 Hz
2022-09-03	Saturday	14:30	190°	+19°	0 dB	0°	190°	+19°	313°	-24°	5.3dB	601°K	372794 -16 Hz
2022-09-03	Saturday	15:00	197°	+17°	0 dB	0°	197°	+17°	320°	-24°	5.3dB	606°K	372726 -50 Hz
2022-09-03	Saturday	15:30	203°	+16°	0 dB	0°	203°	+16°	328°	-24°	5.4dB	615°K	372657 -82 Hz
2022-09-03	Saturday	16:00	210°	+13°	0 dB	0°	210°	+13°	335°	-24°	5.4dB	626°K	372589 -112 Hz
2022-09-03	Saturday	16:30	216°	+11°	0 dB	0°	216°	+11°	342°	-24°	5.5dB	637°K	372521 -140 Hz
2022-09-03	Saturday	17:00	222°	+7°	0 dB	0°	222°	+7°	349°	-24°	5.6dB	648°K	372454 -165 Hz
2022-09-03	Saturday	17:30	227°	+4°	0 dB	0°	227°	+4°	356°	-24°	5.6dB	658°K	372386 -186 Hz
2022-09-03	Saturday	18:00	233°	-0°	0 dB	0°	233°	-0°	4°	-24°	5.7dB	669°K	372318 -203 Hz
2022-09-04	Sunday	11:00	133°	+2°	0 dB	0°	133°	+2°	248°	-26°	8.5dB	1370°K	370118 +249 Hz
2022-09-04	Sunday	11:30	138°	+5°	0 dB	0°	138°	+5°	256°	-26°	8.6dB	1402°K	370056 +228 Hz
2022-09-04	Sunday	12:00	144°	+8°	0 dB	0°	144°	+8°	263°	-26°	8.7dB	1434°K	369995 +204 Hz
2022-09-04	Sunday	12:30	150°	+11°	0 dB	0°	150°	+11°	270°	-26°	8.8dB	1466°K	369934 +177 Hz
2022-09-04	Sunday	13:00	156°	+13°	0 dB	0°	156°	+13°	277°	-26°	8.9dB	1498°K	369873 +147 Hz
2022-09-04	Sunday	13:30	163°	+15°	0 dB	0°	163°	+15°	284°	-26°	9.0dB	1531°K	369812 +116 Hz
2022-09-04	Sunday	14:00	169°	+16°	0 dB	0°	169°	+16°	292°	-26°	9.0dB	1563°K	369752 +83 Hz
2022-09-04	Sunday	14:30	176°	+17°	0 dB	0°	176°	+17°	299°	-26°	9.1dB	1595°K	369691 +50 Hz
2022-09-04	Sunday	15:00	183°	+17°	0 dB	0°	183°	+17°	306°	-26°	9.3dB	1651°K	369631 +16 Hz
2022-09-04	Sunday	15:30	190°	+16°	0 dB	0°	190°	+16°	313°	-26°	9.5dB	1725°K	369571 -18 Hz
2022-09-04	Sunday	16:00	196°	+15°	0 dB	0°	196°	+15°	320°	-26°	9.6dB	1799°K	369512 -51 Hz
2022-09-04	Sunday	16:30	203°	+13°	0 dB	0°	203°	+13°	328°	-27°	9.8dB	1874°K	369453 -82 Hz
2022-09-04	Sunday	17:00	209°	+11°	0 dB	0°	209°	+11°	335°	-27°	10.0dB	1948°K	369393 -112 Hz
2022-09-04	Sunday	17:30	215°	+8°	0 dB	0°	215°	+8°	342°	-27°	10.1dB	2022°K	369335 -139 Hz
2022-09-04	Sunday	18:00	220°	+5°	0 dB	0°	220°	+5°	349°	-27°	10.3dB	2097°K	369276 -163 Hz
2022-09-04	Sunday	18:30	226°	+2°	0 dB	0°	226°	+2°	356°	-27°	10.4dB	2171°K	369217 -184 Hz
2022-09-05	Monday	12:00	133°	+0°	0 dB	0°	133°	+0°	248°	-27°	10.4dB	2223°K	367341 +242 Hz
2022-09-05	Monday	12:30	139°	+4°	0 dB	0°	139°	+4°	255°	-27°	10.3dB	2168°K	367292 +222 Hz
2022-09-05	Monday	13:00	144°	+7°	0 dB	0°	144°	+7°	262°	-27°	10.2dB	2114°K	367245 +199 Hz
2022-09-05	Monday	13:30	150°	+10°	0 dB	0°	150°	+10°	269°	-27°	10.1dB	2059°K	367197 +172 Hz
2022-09-05	Monday	14:00	156°	+12°	0 dB	0°	156°	+12°	277°	-27°	10.0dB	2004°K	367150 +144 Hz
2022-09-05	Monday	14:30	162°	+14°	0 dB	0°	162°	+14°	284°	-27°	9.9dB	1949°K	367103 +113 Hz
2022-09-05	Monday	15:00	169°	+15°	0 dB	0°	169°	+15°	291°	-27°	9.7dB	1895°K	367056 +80 Hz
2022-09-05	Monday	15:30	176°	+16°	0 dB	0°	176°	+16°	298°	-27°	9.6dB	1840°K	367010 +47 Hz
2022-09-05	Monday	16:00	182°	+16°	0 dB	0°	182°	+16°	305°	-27°	9.5dB	1785°K	366964 +14 Hz
2022-09-05	Monday	16:30	189°	+15°	0 dB	0°	189°	+15°	313°	-27°	9.3dB	1730°K	366918 -20 Hz
2022-09-05	Monday	17:00	195°	+14°	0 dB	0°	195°	+14°	320°	-27°	9.2dB	1675°K	366873 -53 Hz
2022-09-05	Monday	17:30	202°	+13°	0 dB	0°	202°	+13°	327°	-27°	9.1dB	1621°K	366828 -84 Hz
2022-09-05	Monday	18:00	208°	+11°	0 dB	0°	208°	+11°	334°	-27°	8.9dB	1566°K	366783 -114 Hz
2022-09-05	Monday	18:30	214°	+8°	0 dB	0°	214°	+8°	341°	-27°	8.8dB	1511°K	366739 -141 Hz
2022-09-05	Monday	19:00	220°	+5°	0 dB	0°	220°	+5°	348°	-27°	8.6dB	1456°K	366695 -165 Hz
2022-09-05	Monday	19:30	225°	+2°	0 dB	0°	225°	+2°	356°	-27°	8.4dB	1401°K	366651 -187 Hz
2022-09-06	Tuesday	13:00	132°	+1°	0 dB	0°	132°	+1°	247°	-26°	4.2dB	501°K	365371 +238 Hz
2022-09-06	Tuesday	13:30	137°	+4°	0 dB	0°	137°	+4°	254°	-26°	4.2dB	494°K	365342 +218 Hz
2022-09-06	Tuesday	14:00	143°	+7°	0 dB	0°	143°	+7°	261°	-26°	4.1dB	487°K	365313 +195 Hz
2022-09-06	Tuesday	14:30	149°	+10°	0 dB	0°	149°	+10°	269°	-26°	4.1dB	480°K	365285 +169 Hz
2022-09-06	Tuesday	15:00	155°	+13°	0 dB	0°	155°	+13°	276°	-26°	4.0dB	473°K	365257 +140 Hz
2022-09-06	Tuesday	15:30	161°	+15°	0 dB	0°	161°	+15°	283°	-26°	3.9dB	466°K	365230 +109 Hz
2022-09-06	Tuesday	16:00	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	3.9dB	460°K	365203 +77 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-06	Tuesday	16:30	175°	+17°	0 dB	0°	175°	+17°	297°	-26°	3.8dB	453°K	365177 +43 Hz
2022-09-06	Tuesday	17:00	181°	+17°	0 dB	0°	181°	+17°	305°	-26°	3.8dB	446°K	365151 +9 Hz
2022-09-06	Tuesday	17:30	188°	+17°	0 dB	0°	188°	+17°	312°	-26°	3.7dB	439°K	365125 -25 Hz
2022-09-06	Tuesday	18:00	195°	+16°	0 dB	0°	195°	+16°	319°	-26°	3.7dB	433°K	365100 -58 Hz
2022-09-06	Tuesday	18:30	201°	+14°	0 dB	0°	201°	+14°	326°	-26°	3.6dB	426°K	365076 -91 Hz
2022-09-06	Tuesday	19:00	208°	+12°	0 dB	0°	208°	+12°	333°	-26°	3.5dB	419°K	365052 -121 Hz
2022-09-06	Tuesday	19:30	214°	+10°	0 dB	0°	214°	+10°	340°	-26°	3.5dB	412°K	365028 -149 Hz
2022-09-06	Tuesday	20:00	220°	+7°	0 dB	0°	220°	+7°	348°	-26°	3.4dB	405°K	365005 -174 Hz
2022-09-06	Tuesday	20:30	225°	+3°	0 dB	0°	225°	+3°	355°	-26°	3.3dB	399°K	364982 -197 Hz
2022-09-06	Tuesday	21:00	231°	-0°	0 dB	0°	231°	-0°	2°	-26°	3.3dB	392°K	364960 -215 Hz
2022-09-07	Wednesday	14:00	130°	+3°	0 dB	0°	130°	+3°	247°	-24°	2.6dB	326°K	364500 +234 Hz
2022-09-07	Wednesday	14:30	136°	+6°	0 dB	0°	136°	+6°	254°	-23°	2.6dB	326°K	364496 +214 Hz
2022-09-07	Wednesday	15:00	141°	+10°	0 dB	0°	141°	+10°	261°	-23°	2.6dB	326°K	364492 +190 Hz
2022-09-07	Wednesday	15:30	147°	+13°	0 dB	0°	147°	+13°	268°	-23°	2.6dB	326°K	364488 +163 Hz
2022-09-07	Wednesday	16:00	154°	+15°	0 dB	0°	154°	+15°	275°	-23°	2.6dB	326°K	364486 +134 Hz
2022-09-07	Wednesday	16:30	160°	+17°	0 dB	0°	160°	+17°	283°	-23°	2.6dB	326°K	364483 +102 Hz
2022-09-07	Wednesday	17:00	167°	+19°	0 dB	0°	167°	+19°	290°	-23°	2.6dB	326°K	364482 +69 Hz
2022-09-07	Wednesday	17:30	174°	+20°	0 dB	0°	174°	+20°	297°	-23°	2.6dB	326°K	364480 +34 Hz
2022-09-07	Wednesday	18:00	181°	+20°	0 dB	0°	181°	+20°	304°	-23°	2.6dB	326°K	364480 -1 Hz
2022-09-07	Wednesday	18:30	188°	+20°	0 dB	0°	188°	+20°	311°	-23°	2.6dB	326°K	364480 -36 Hz
2022-09-07	Wednesday	19:00	195°	+19°	0 dB	0°	195°	+19°	319°	-23°	2.6dB	326°K	364480 -71 Hz
2022-09-07	Wednesday	19:30	202°	+17°	0 dB	0°	202°	+17°	326°	-23°	2.6dB	326°K	364481 -104 Hz
2022-09-07	Wednesday	20:00	209°	+15°	0 dB	0°	209°	+15°	333°	-23°	2.6dB	326°K	364483 -136 Hz
2022-09-07	Wednesday	20:30	215°	+13°	0 dB	0°	215°	+13°	340°	-23°	2.6dB	326°K	364485 -165 Hz
2022-09-07	Wednesday	21:00	221°	+10°	0 dB	0°	221°	+10°	347°	-22°	2.6dB	326°K	364487 -191 Hz
2022-09-07	Wednesday	21:30	227°	+6°	0 dB	0°	227°	+6°	355°	-22°	2.6dB	326°K	364491 -215 Hz
2022-09-07	Wednesday	22:00	232°	+2°	0 dB	0°	232°	+2°	2°	-22°	2.6dB	326°K	364494 -234 Hz
2022-09-08	Thursday	14:30	122°	+2°	0 dB	0°	122°	+2°	240°	-19°	2.4dB	314°K	364938 +244 Hz
2022-09-08	Thursday	15:00	128°	+7°	0 dB	0°	128°	+7°	247°	-19°	2.4dB	313°K	364961 +227 Hz
2022-09-08	Thursday	15:30	133°	+10°	0 dB	0°	133°	+10°	254°	-19°	2.4dB	312°K	364985 +207 Hz
2022-09-08	Thursday	16:00	139°	+14°	0 dB	0°	139°	+14°	261°	-19°	2.4dB	310°K	365009 +182 Hz
2022-09-08	Thursday	16:30	146°	+17°	0 dB	0°	146°	+17°	269°	-19°	2.4dB	309°K	365034 +154 Hz
2022-09-08	Thursday	17:00	152°	+20°	0 dB	0°	152°	+20°	276°	-19°	2.4dB	308°K	365060 +123 Hz
2022-09-08	Thursday	17:30	159°	+22°	0 dB	0°	159°	+22°	283°	-19°	2.4dB	307°K	365086 +90 Hz
2022-09-08	Thursday	18:00	167°	+24°	0 dB	0°	167°	+24°	290°	-18°	2.3dB	305°K	365113 +55 Hz
2022-09-08	Thursday	18:30	174°	+25°	0 dB	0°	174°	+25°	297°	-18°	2.3dB	304°K	365140 +19 Hz
2022-09-08	Thursday	19:00	182°	+25°	0 dB	0°	182°	+25°	305°	-18°	2.3dB	303°K	365168 -18 Hz
2022-09-08	Thursday	19:30	189°	+24°	0 dB	0°	189°	+24°	312°	-18°	2.3dB	302°K	365197 -54 Hz
2022-09-08	Thursday	20:00	197°	+23°	0 dB	0°	197°	+23°	319°	-18°	2.3dB	300°K	365226 -90 Hz
2022-09-08	Thursday	20:30	204°	+22°	0 dB	0°	204°	+22°	326°	-18°	2.3dB	299°K	365255 -125 Hz
2022-09-08	Thursday	21:00	211°	+20°	0 dB	0°	211°	+20°	334°	-18°	2.3dB	298°K	365286 -158 Hz
2022-09-08	Thursday	21:30	218°	+17°	0 dB	0°	218°	+17°	341°	-18°	2.3dB	297°K	365317 -188 Hz
2022-09-08	Thursday	22:00	224°	+14°	0 dB	0°	224°	+14°	348°	-18°	2.3dB	296°K	365348 -215 Hz
2022-09-08	Thursday	22:30	230°	+10°	0 dB	0°	230°	+10°	355°	-17°	2.2dB	294°K	365380 -239 Hz
2022-09-08	Thursday	23:00	236°	+6°	0 dB	0°	236°	+6°	2°	-17°	2.2dB	292°K	365413 -259 Hz
2022-09-08	Thursday	23:30	241°	+2°	0 dB	0°	241°	+2°	10°	-17°	2.2dB	290°K	365446 -275 Hz
2022-09-09	Friday	15:00	114°	+3°	0 dB	0°	114°	+3°	234°	-14°	1.6dB	243°K	366764 +250 Hz
2022-09-09	Friday	15:30	120°	+8°	0 dB	0°	120°	+8°	241°	-13°	1.6dB	243°K	366816 +236 Hz
2022-09-09	Friday	16:00	125°	+12°	0 dB	0°	125°	+12°	248°	-13°	1.6dB	243°K	366868 +218 Hz
2022-09-09	Friday	16:30	131°	+16°	0 dB	0°	131°	+16°	256°	-13°	1.6dB	243°K	366921 +195 Hz
2022-09-09	Friday	17:00	138°	+20°	0 dB	0°	138°	+20°	263°	-13°	1.6dB	243°K	366975 +169 Hz
2022-09-09	Friday	17:30	145°	+23°	0 dB	0°	145°	+23°	270°	-13°	1.6dB	243°K	367029 +139 Hz
2022-09-09	Friday	18:00	152°	+26°	0 dB	0°	152°	+26°	277°	-13°	1.6dB	243°K	367083 +106 Hz
2022-09-09	Friday	18:30	159°	+28°	0 dB	0°	159°	+28°	285°	-13°	1.6dB	243°K	367138 +72 Hz
2022-09-09	Friday	19:00	167°	+30°	0 dB	0°	167°	+30°	292°	-13°	1.6dB	243°K	367194 +35 Hz
2022-09-09	Friday	19:30	175°	+31°	0 dB	0°	175°	+31°	299°	-13°	1.6dB	243°K	367250 -3 Hz
2022-09-09	Friday	20:00	184°	+31°	0 dB	0°	184°	+31°	306°	-12°	1.6dB	243°K	367307 -41 Hz
2022-09-09	Friday	20:30	192°	+30°	0 dB	0°	192°	+30°	313°	-12°	1.6dB	243°K	367364 -79 Hz
2022-09-09	Friday	21:00	200°	+29°	0 dB	0°	200°	+29°	321°	-12°	1.7dB	243°K	367422 -116 Hz
2022-09-09	Friday	21:30	208°	+27°	0 dB	0°	208°	+27°	328°	-12°	1.7dB	243°K	367481 -151 Hz
2022-09-09	Friday	22:00	215°	+24°	0 dB	0°	215°	+24°	335°	-12°	1.7dB	243°K	367540 -185 Hz
2022-09-09	Friday	22:30	222°	+21°	0 dB	0°	222°	+21°	342°	-12°	1.7dB	243°K	367599 -215 Hz
2022-09-09	Friday	23:00	229°	+18°	0 dB	0°	229°	+18°	350°	-12°	1.7dB	243°K	367660 -243 Hz
2022-09-09	Friday	23:30	235°	+14°	0 dB	0°	235°	+14°	357°	-11°	1.7dB	243°K	367720 -266 Hz
2022-09-10	Saturday	00:00	241°	+10°	0 dB	0°	241°	+10°	4°	-11°	1.7dB	243°K	367781 -286 Hz
2022-09-10	Saturday	00:30	247°	+5°	0 dB	0°	247°	+5°	11°	-11°	1.7dB	243°K	367843 -301 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-09-10	Saturday	01:00	252°	+1°	0 dB	0°	252°	+1°	19°	-11°	1.7dB	243°K	367905	-312 Hz
2022-09-10	Saturday	15:00	101°	-0°	0 dB	0°	101°	-0°	222°	-7°	1.7dB	239°K	369863	+258 Hz
2022-09-10	Saturday	15:30	107°	+5°	0 dB	0°	107°	+5°	229°	-7°	1.7dB	239°K	369941	+251 Hz
2022-09-10	Saturday	16:00	112°	+9°	0 dB	0°	112°	+9°	236°	-7°	1.7dB	239°K	370018	+240 Hz
2022-09-10	Saturday	16:30	118°	+14°	0 dB	0°	118°	+14°	243°	-7°	1.7dB	239°K	370097	+224 Hz
2022-09-10	Saturday	17:00	123°	+19°	0 dB	0°	123°	+19°	251°	-7°	1.7dB	239°K	370175	+203 Hz
2022-09-10	Saturday	17:30	130°	+23°	0 dB	0°	130°	+23°	258°	-7°	1.7dB	239°K	370254	+179 Hz
2022-09-10	Saturday	18:00	137°	+27°	0 dB	0°	137°	+27°	265°	-7°	1.7dB	239°K	370334	+151 Hz
2022-09-10	Saturday	18:30	144°	+30°	0 dB	0°	144°	+30°	272°	-7°	1.7dB	239°K	370414	+119 Hz
2022-09-10	Saturday	19:00	152°	+33°	0 dB	0°	152°	+33°	280°	-6°	1.7dB	239°K	370495	+85 Hz
2022-09-10	Saturday	19:30	160°	+35°	0 dB	0°	160°	+35°	287°	-6°	1.7dB	239°K	370576	+48 Hz
2022-09-10	Saturday	20:00	169°	+36°	0 dB	0°	169°	+36°	294°	-6°	1.7dB	239°K	370657	+10 Hz
2022-09-10	Saturday	20:30	178°	+37°	0 dB	0°	178°	+37°	301°	-6°	1.7dB	239°K	370739	-29 Hz
2022-09-10	Saturday	21:00	187°	+37°	0 dB	0°	187°	+37°	309°	-6°	1.8dB	239°K	370822	-68 Hz
2022-09-10	Saturday	21:30	196°	+36°	0 dB	0°	196°	+36°	316°	-6°	1.8dB	239°K	370905	-106 Hz
2022-09-10	Saturday	22:00	205°	+35°	0 dB	0°	205°	+35°	323°	-6°	1.8dB	239°K	370988	-144 Hz
2022-09-10	Saturday	22:30	213°	+32°	0 dB	0°	213°	+32°	330°	-6°	1.8dB	239°K	371072	-179 Hz
2022-09-10	Saturday	23:00	221°	+29°	0 dB	0°	221°	+29°	338°	-5°	1.8dB	239°K	371156	-213 Hz
2022-09-10	Saturday	23:30	228°	+26°	0 dB	0°	228°	+26°	345°	-5°	1.8dB	239°K	371241	-243 Hz
2022-09-11	Sunday	00:00	235°	+22°	0 dB	0°	235°	+22°	352°	-5°	1.8dB	239°K	371326	-270 Hz
2022-09-11	Sunday	00:30	241°	+18°	0 dB	0°	241°	+18°	359°	-5°	1.8dB	239°K	371412	-292 Hz
2022-09-11	Sunday	01:00	247°	+13°	0 dB	0°	247°	+13°	7°	-5°	1.8dB	239°K	371498	-311 Hz
2022-09-11	Sunday	01:30	253°	+9°	0 dB	0°	253°	+9°	14°	-5°	1.8dB	239°K	371584	-325 Hz
2022-09-11	Sunday	02:00	258°	+4°	0 dB	0°	258°	+4°	21°	-5°	1.8dB	239°K	371671	-334 Hz
2022-09-11	Sunday	15:30	094°	+1°	0 dB	0°	094°	+1°	217°	-1°	2.2dB	257°K	374170	+253 Hz
2022-09-11	Sunday	16:00	099°	+6°	0 dB	0°	099°	+6°	224°	-1°	2.2dB	257°K	374268	+249 Hz
2022-09-11	Sunday	16:30	104°	+11°	0 dB	0°	104°	+11°	232°	-1°	2.2dB	258°K	374366	+240 Hz
2022-09-11	Sunday	17:00	110°	+16°	0 dB	0°	110°	+16°	239°	-1°	2.2dB	259°K	374465	+227 Hz
2022-09-11	Sunday	17:30	116°	+21°	0 dB	0°	116°	+21°	246°	-0°	2.2dB	259°K	374563	+208 Hz
2022-09-11	Sunday	18:00	122°	+26°	0 dB	0°	122°	+26°	254°	-0°	2.2dB	260°K	374663	+186 Hz
2022-09-11	Sunday	18:30	129°	+30°	0 dB	0°	129°	+30°	261°	-0°	2.2dB	260°K	374762	+159 Hz
2022-09-11	Sunday	19:00	136°	+34°	0 dB	0°	136°	+34°	268°	-0°	2.2dB	261°K	374862	+129 Hz
2022-09-11	Sunday	19:30	144°	+37°	0 dB	0°	144°	+37°	275°	+0°	2.3dB	262°K	374962	+96 Hz
2022-09-11	Sunday	20:00	153°	+40°	0 dB	0°	153°	+40°	283°	+0°	2.3dB	262°K	375062	+60 Hz
2022-09-11	Sunday	20:30	162°	+42°	0 dB	0°	162°	+42°	290°	+0°	2.3dB	263°K	375163	+23 Hz
2022-09-11	Sunday	21:00	172°	+43°	0 dB	0°	172°	+43°	297°	+0°	2.3dB	263°K	375264	-16 Hz
2022-09-11	Sunday	21:30	182°	+44°	0 dB	0°	182°	+44°	304°	+1°	2.3dB	264°K	375366	-56 Hz
2022-09-11	Sunday	22:00	192°	+43°	0 dB	0°	192°	+43°	312°	+1°	2.3dB	265°K	375467	-95 Hz
2022-09-11	Sunday	22:30	202°	+42°	0 dB	0°	202°	+42°	319°	+1°	2.3dB	265°K	375569	-134 Hz
2022-09-11	Sunday	23:00	211°	+40°	0 dB	0°	211°	+40°	326°	+1°	2.4dB	266°K	375672	-171 Hz
2022-09-11	Sunday	23:30	220°	+37°	0 dB	0°	220°	+37°	333°	+1°	2.4dB	266°K	375774	-206 Hz
2022-09-12	Monday	00:00	228°	+34°	0 dB	0°	228°	+34°	341°	+1°	2.4dB	267°K	375877	-238 Hz
2022-09-12	Monday	00:30	235°	+30°	0 dB	0°	235°	+30°	348°	+1°	2.4dB	268°K	375980	-267 Hz
2022-09-12	Monday	01:00	242°	+26°	0 dB	0°	242°	+26°	355°	+2°	2.4dB	268°K	376084	-292 Hz
2022-09-12	Monday	01:30	248°	+21°	0 dB	0°	248°	+21°	2°	+2°	2.4dB	269°K	376187	-313 Hz
2022-09-12	Monday	02:00	254°	+16°	0 dB	0°	254°	+16°	10°	+2°	2.4dB	269°K	376291	-329 Hz
2022-09-12	Monday	02:30	260°	+12°	0 dB	0°	260°	+12°	17°	+2°	2.4dB	270°K	376396	-341 Hz
2022-09-12	Monday	03:00	265°	+7°	0 dB	0°	265°	+7°	24°	+2°	2.5dB	271°K	376500	-348 Hz
2022-09-12	Monday	03:30	270°	+2°	0 dB	0°	270°	+2°	32°	+2°	2.5dB	271°K	376605	-351 Hz
2022-09-12	Monday	16:00	086°	+3°	0 dB	0°	086°	+3°	213°	+5°	2.8dB	286°K	379301	+246 Hz
2022-09-12	Monday	16:30	092°	+8°	0 dB	0°	092°	+8°	220°	+6°	2.8dB	286°K	379411	+245 Hz
2022-09-12	Monday	17:00	097°	+13°	0 dB	0°	097°	+13°	228°	+6°	2.8dB	287°K	379522	+238 Hz
2022-09-12	Monday	17:30	102°	+18°	0 dB	0°	102°	+18°	235°	+6°	2.8dB	288°K	379632	+227 Hz
2022-09-12	Monday	18:00	108°	+23°	0 dB	0°	108°	+23°	242°	+6°	2.8dB	288°K	379743	+212 Hz
2022-09-12	Monday	18:30	114°	+28°	0 dB	0°	114°	+28°	250°	+6°	2.8dB	289°K	379854	+191 Hz
2022-09-12	Monday	19:00	120°	+33°	0 dB	0°	120°	+33°	257°	+6°	2.8dB	289°K	379965	+167 Hz
2022-09-12	Monday	19:30	128°	+37°	0 dB	0°	128°	+37°	264°	+6°	2.9dB	290°K	380077	+139 Hz
2022-09-12	Monday	20:00	135°	+41°	0 dB	0°	135°	+41°	271°	+6°	2.9dB	291°K	380188	+107 Hz
2022-09-12	Monday	20:30	144°	+45°	0 dB	0°	144°	+45°	279°	+7°	2.9dB	291°K	380300	+73 Hz
2022-09-12	Monday	21:00	154°	+47°	0 dB	0°	154°	+47°	286°	+7°	2.9dB	292°K	380411	+36 Hz
2022-09-12	Monday	21:30	165°	+49°	0 dB	0°	165°	+49°	293°	+7°	2.9dB	292°K	380523	-2 Hz
2022-09-12	Monday	22:00	176°	+50°	0 dB	0°	176°	+50°	300°	+7°	2.9dB	293°K	380635	-41 Hz
2022-09-12	Monday	22:30	187°	+50°	0 dB	0°	187°	+50°	308°	+7°	2.9dB	294°K	380747	-80 Hz
2022-09-12	Monday	23:00	199°	+49°	0 dB	0°	199°	+49°	315°	+7°	3.0dB	294°K	380860	-119 Hz
2022-09-12	Monday	23:30	209°	+47°	0 dB	0°	209°	+47°	322°	+7°	3.0dB	295°K	380972	-157 Hz
2022-09-13	Tuesday	00:00	219°	+45°	0 dB	0°	219°	+45°	329°	+7°	3.0dB	295°K	381084	-193 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-13	Tuesday	00:30	228°	+41°	0 dB	0°	228°	+41°	337°	+8°	3.0dB	296°K	381197 -226 Hz
2022-09-13	Tuesday	01:00	236°	+37°	0 dB	0°	236°	+37°	344°	+8°	3.0dB	296°K	381310 -257 Hz
2022-09-13	Tuesday	01:30	243°	+33°	0 dB	0°	243°	+33°	351°	+8°	3.0dB	296°K	381422 -283 Hz
2022-09-13	Tuesday	02:00	249°	+28°	0 dB	0°	249°	+28°	359°	+8°	3.0dB	296°K	381535 -306 Hz
2022-09-13	Tuesday	02:30	255°	+24°	0 dB	0°	255°	+24°	6°	+8°	3.0dB	297°K	381648 -325 Hz
2022-09-13	Tuesday	03:00	261°	+19°	0 dB	0°	261°	+19°	13°	+8°	3.0dB	297°K	381761 -339 Hz
2022-09-13	Tuesday	03:30	267°	+14°	0 dB	0°	267°	+14°	20°	+8°	3.0dB	297°K	381874 -349 Hz
2022-09-13	Tuesday	04:00	272°	+9°	0 dB	0°	272°	+9°	28°	+8°	3.1dB	298°K	381987 -353 Hz
2022-09-13	Tuesday	04:30	277°	+4°	0 dB	0°	277°	+4°	35°	+9°	3.1dB	298°K	382100 -353 Hz
2022-09-13	Tuesday	16:00	074°	-0°	0 dB	0°	074°	-0°	202°	+11°	3.3dB	307°K	384716 +233 Hz
2022-09-13	Tuesday	16:30	079°	+5°	0 dB	0°	079°	+5°	209°	+11°	3.3dB	309°K	384830 +239 Hz
2022-09-13	Tuesday	17:00	084°	+10°	0 dB	0°	084°	+10°	217°	+12°	3.3dB	310°K	384943 +240 Hz
2022-09-13	Tuesday	17:30	090°	+15°	0 dB	0°	090°	+15°	224°	+12°	3.4dB	312°K	385057 +236 Hz
2022-09-13	Tuesday	18:00	095°	+20°	0 dB	0°	095°	+20°	231°	+12°	3.4dB	313°K	385171 +228 Hz
2022-09-13	Tuesday	18:30	100°	+25°	0 dB	0°	100°	+25°	238°	+12°	3.4dB	315°K	385285 +215 Hz
2022-09-13	Tuesday	19:00	106°	+30°	0 dB	0°	106°	+30°	246°	+12°	3.4dB	316°K	385398 +197 Hz
2022-09-13	Tuesday	19:30	112°	+35°	0 dB	0°	112°	+35°	253°	+12°	3.4dB	318°K	385512 +175 Hz
2022-09-13	Tuesday	20:00	119°	+40°	0 dB	0°	119°	+40°	260°	+12°	3.5dB	319°K	385625 +149 Hz
2022-09-13	Tuesday	20:30	127°	+44°	0 dB	0°	127°	+44°	267°	+12°	3.5dB	320°K	385739 +120 Hz
2022-09-13	Tuesday	21:00	135°	+48°	0 dB	0°	135°	+48°	275°	+12°	3.5dB	322°K	385852 +87 Hz
2022-09-13	Tuesday	21:30	145°	+52°	0 dB	0°	145°	+52°	282°	+13°	3.5dB	323°K	385966 +52 Hz
2022-09-13	Tuesday	22:00	156°	+54°	0 dB	0°	156°	+54°	289°	+13°	3.6dB	325°K	386079 +16 Hz
2022-09-13	Tuesday	22:30	169°	+56°	0 dB	0°	169°	+56°	297°	+13°	3.6dB	326°K	386192 -22 Hz
2022-09-13	Tuesday	23:00	181°	+56°	0 dB	0°	181°	+56°	304°	+13°	3.6dB	328°K	386305 -61 Hz
2022-09-13	Tuesday	23:30	194°	+56°	0 dB	0°	194°	+56°	311°	+13°	3.6dB	329°K	386418 -99 Hz
2022-09-14	Wednesday	00:00	206°	+54°	0 dB	0°	206°	+54°	318°	+13°	3.6dB	331°K	386531 -137 Hz
2022-09-14	Wednesday	00:30	217°	+51°	0 dB	0°	217°	+51°	326°	+13°	3.7dB	332°K	386644 -173 Hz
2022-09-14	Wednesday	01:00	227°	+48°	0 dB	0°	227°	+48°	333°	+13°	3.7dB	334°K	386757 -207 Hz
2022-09-14	Wednesday	01:30	236°	+44°	0 dB	0°	236°	+44°	340°	+13°	3.7dB	335°K	386870 -239 Hz
2022-09-14	Wednesday	02:00	244°	+40°	0 dB	0°	244°	+40°	347°	+14°	3.7dB	337°K	386983 -267 Hz
2022-09-14	Wednesday	02:30	251°	+35°	0 dB	0°	251°	+35°	355°	+14°	3.7dB	338°K	387095 -291 Hz
2022-09-14	Wednesday	03:00	257°	+30°	0 dB	0°	257°	+30°	2°	+14°	3.8dB	340°K	387208 -312 Hz
2022-09-14	Wednesday	03:30	263°	+26°	0 dB	0°	263°	+26°	9°	+14°	3.8dB	341°K	387320 -328 Hz
2022-09-14	Wednesday	04:00	268°	+21°	0 dB	0°	268°	+21°	16°	+14°	3.8dB	343°K	387432 -340 Hz
2022-09-14	Wednesday	04:30	273°	+16°	0 dB	0°	273°	+16°	24°	+14°	3.8dB	344°K	387544 -346 Hz
2022-09-14	Wednesday	05:00	279°	+11°	0 dB	0°	279°	+11°	31°	+14°	3.8dB	345°K	387656 -349 Hz
2022-09-14	Wednesday	05:30	284°	+6°	0 dB	0°	284°	+6°	38°	+14°	3.9dB	347°K	387768 -346 Hz
2022-09-14	Wednesday	06:00	289°	+1°	0 dB	0°	289°	+1°	46°	+14°	3.9dB	348°K	387880 -339 Hz
2022-09-14	Wednesday	16:30	068°	+1°	0 dB	0°	068°	+1°	198°	+17°	4.2dB	364°K	390192 +225 Hz
2022-09-14	Wednesday	17:00	073°	+6°	0 dB	0°	073°	+6°	205°	+17°	4.2dB	364°K	390300 +233 Hz
2022-09-14	Wednesday	17:30	078°	+11°	0 dB	0°	078°	+11°	213°	+17°	4.2dB	365°K	390408 +236 Hz
2022-09-14	Wednesday	18:00	083°	+16°	0 dB	0°	083°	+16°	220°	+17°	4.2dB	366°K	390515 +235 Hz
2022-09-14	Wednesday	18:30	088°	+21°	0 dB	0°	088°	+21°	227°	+17°	4.2dB	367°K	390623 +230 Hz
2022-09-14	Wednesday	19:00	093°	+26°	0 dB	0°	093°	+26°	234°	+17°	4.2dB	367°K	390730 +219 Hz
2022-09-14	Wednesday	19:30	098°	+31°	0 dB	0°	098°	+31°	242°	+17°	4.2dB	368°K	390837 +204 Hz
2022-09-14	Wednesday	20:00	104°	+36°	0 dB	0°	104°	+36°	249°	+17°	4.2dB	369°K	390944 +185 Hz
2022-09-14	Wednesday	20:30	111°	+41°	0 dB	0°	111°	+41°	256°	+17°	4.2dB	369°K	391051 +162 Hz
2022-09-14	Wednesday	21:00	118°	+46°	0 dB	0°	118°	+46°	263°	+17°	4.2dB	368°K	391157 +135 Hz
2022-09-14	Wednesday	21:30	126°	+50°	0 dB	0°	126°	+50°	271°	+18°	4.2dB	367°K	391263 +105 Hz
2022-09-14	Wednesday	22:00	136°	+54°	0 dB	0°	136°	+54°	278°	+18°	4.2dB	367°K	391369 +72 Hz
2022-09-14	Wednesday	22:30	147°	+58°	0 dB	0°	147°	+58°	285°	+18°	4.2dB	366°K	391475 +37 Hz
2022-09-14	Wednesday	23:00	159°	+60°	0 dB	0°	159°	+60°	293°	+18°	4.2dB	365°K	391580 +1 Hz
2022-09-14	Wednesday	23:30	174°	+61°	0 dB	0°	174°	+61°	300°	+18°	4.2dB	364°K	391685 -37 Hz
2022-09-15	Thursday	00:00	188°	+61°	0 dB	0°	188°	+61°	307°	+18°	4.2dB	364°K	391790 -74 Hz
2022-09-15	Thursday	00:30	202°	+60°	0 dB	0°	202°	+60°	314°	+18°	4.2dB	363°K	391895 -111 Hz
2022-09-15	Thursday	01:00	215°	+58°	0 dB	0°	215°	+58°	322°	+18°	4.2dB	362°K	391999 -147 Hz
2022-09-15	Thursday	01:30	226°	+55°	0 dB	0°	226°	+55°	329°	+18°	4.2dB	361°K	392103 -182 Hz
2022-09-15	Thursday	02:00	236°	+51°	0 dB	0°	236°	+51°	336°	+18°	4.2dB	361°K	392207 -214 Hz
2022-09-15	Thursday	02:30	244°	+46°	0 dB	0°	244°	+46°	343°	+18°	4.2dB	360°K	392311 -243 Hz
2022-09-15	Thursday	03:00	251°	+42°	0 dB	0°	251°	+42°	351°	+19°	4.2dB	359°K	392414 -269 Hz
2022-09-15	Thursday	03:30	258°	+37°	0 dB	0°	258°	+37°	358°	+19°	4.2dB	358°K	392517 -291 Hz
2022-09-15	Thursday	04:00	264°	+32°	0 dB	0°	264°	+32°	5°	+19°	4.2dB	358°K	392620 -309 Hz
2022-09-15	Thursday	04:30	269°	+27°	0 dB	0°	269°	+27°	12°	+19°	4.2dB	357°K	392722 -323 Hz
2022-09-15	Thursday	05:00	274°	+22°	0 dB	0°	274°	+22°	20°	+19°	4.2dB	356°K	392824 -332 Hz
2022-09-15	Thursday	05:30	279°	+17°	0 dB	0°	279°	+17°	27°	+19°	4.2dB	355°K	392926 -337 Hz
2022-09-15	Thursday	06:00	284°	+12°	0 dB	0°	284°	+12°	34°	+19°	4.2dB	355°K	393028 -337 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-09-15	Thursday	06:30	289°	+7°	0 dB	0°	289°	+7°	41°	+19°	4.2dB	354°K	393129	-332 Hz
2022-09-15	Thursday	07:00	294°	+3°	0 dB	0°	294°	+3°	49°	+19°	4.2dB	353°K	393230	-323 Hz
2022-09-15	Thursday	17:00	062°	+2°	0 dB	0°	062°	+2°	194°	+21°	4.3dB	357°K	395184	+218 Hz
2022-09-15	Thursday	17:30	067°	+6°	0 dB	0°	067°	+6°	201°	+21°	4.3dB	358°K	395278	+228 Hz
2022-09-15	Thursday	18:00	072°	+11°	0 dB	0°	072°	+11°	208°	+21°	4.3dB	359°K	395372	+235 Hz
2022-09-15	Thursday	18:30	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	4.3dB	359°K	395466	+236 Hz
2022-09-15	Thursday	19:00	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	4.4dB	360°K	395559	+233 Hz
2022-09-15	Thursday	19:30	086°	+26°	0 dB	0°	086°	+26°	230°	+21°	4.4dB	361°K	395651	+226 Hz
2022-09-15	Thursday	20:00	092°	+31°	0 dB	0°	092°	+31°	237°	+21°	4.4dB	362°K	395744	+214 Hz
2022-09-15	Thursday	20:30	097°	+36°	0 dB	0°	097°	+36°	245°	+22°	4.4dB	362°K	395836	+198 Hz
2022-09-15	Thursday	21:00	103°	+41°	0 dB	0°	103°	+41°	252°	+22°	4.4dB	363°K	395927	+177 Hz
2022-09-15	Thursday	21:30	109°	+46°	0 dB	0°	109°	+46°	259°	+22°	4.4dB	364°K	396018	+153 Hz
2022-09-15	Thursday	22:00	117°	+51°	0 dB	0°	117°	+51°	266°	+22°	4.4dB	365°K	396109	+126 Hz
2022-09-15	Thursday	22:30	125°	+56°	0 dB	0°	125°	+56°	274°	+22°	4.4dB	365°K	396200	+96 Hz
2022-09-15	Thursday	23:00	136°	+59°	0 dB	0°	136°	+59°	281°	+22°	4.4dB	366°K	396290	+63 Hz
2022-09-15	Thursday	23:30	148°	+63°	0 dB	0°	148°	+63°	288°	+22°	4.5dB	367°K	396379	+28 Hz
2022-09-16	Fri day	00:00	163°	+65°	0 dB	0°	163°	+65°	295°	+22°	4.5dB	368°K	396468	-8 Hz
2022-09-16	Fri day	00:30	179°	+66°	0 dB	0°	179°	+66°	303°	+22°	4.5dB	368°K	396557	-44 Hz
2022-09-16	Fri day	01:00	196°	+65°	0 dB	0°	196°	+65°	310°	+22°	4.5dB	369°K	396646	-80 Hz
2022-09-16	Fri day	01:30	211°	+63°	0 dB	0°	211°	+63°	317°	+22°	4.5dB	370°K	396734	-116 Hz
2022-09-16	Fri day	02:00	224°	+60°	0 dB	0°	224°	+60°	324°	+22°	4.5dB	371°K	396822	-151 Hz
2022-09-16	Fri day	02:30	234°	+56°	0 dB	0°	234°	+56°	332°	+22°	4.5dB	373°K	396909	-183 Hz
2022-09-16	Fri day	03:00	243°	+52°	0 dB	0°	243°	+52°	339°	+22°	4.6dB	374°K	396996	-213 Hz
2022-09-16	Fri day	03:30	251°	+47°	0 dB	0°	251°	+47°	346°	+23°	4.6dB	375°K	397082	-240 Hz
2022-09-16	Fri day	04:00	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	4.6dB	376°K	397168	-264 Hz
2022-09-16	Fri day	04:30	264°	+38°	0 dB	0°	264°	+38°	1°	+23°	4.6dB	377°K	397254	-284 Hz
2022-09-16	Fri day	05:00	269°	+33°	0 dB	0°	269°	+33°	8°	+23°	4.6dB	378°K	397339	-300 Hz
2022-09-16	Fri day	05:30	274°	+27°	0 dB	0°	274°	+27°	15°	+23°	4.6dB	379°K	397424	-312 Hz
2022-09-16	Fri day	06:00	279°	+23°	0 dB	0°	279°	+23°	23°	+23°	4.6dB	380°K	397508	-319 Hz
2022-09-16	Fri day	06:30	284°	+18°	0 dB	0°	284°	+18°	30°	+23°	4.7dB	381°K	397592	-321 Hz
2022-09-16	Fri day	07:00	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	4.7dB	382°K	397676	-320 Hz
2022-09-16	Fri day	07:30	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	4.7dB	383°K	397759	-313 Hz
2022-09-16	Fri day	08:00	299°	+4°	0 dB	0°	299°	+4°	52°	+23°	4.7dB	384°K	397841	-303 Hz
2022-09-16	Fri day	17:30	057°	+1°	0 dB	0°	057°	+1°	189°	+24°	5.0dB	406°K	399328	+213 Hz
2022-09-16	Fri day	18:00	062°	+6°	0 dB	0°	062°	+6°	197°	+24°	5.0dB	407°K	399401	+226 Hz
2022-09-16	Fri day	18:30	066°	+10°	0 dB	0°	066°	+10°	204°	+24°	5.0dB	408°K	399475	+235 Hz
2022-09-16	Fri day	19:00	071°	+15°	0 dB	0°	071°	+15°	211°	+24°	5.0dB	410°K	399547	+239 Hz
2022-09-16	Fri day	19:30	076°	+20°	0 dB	0°	076°	+20°	218°	+25°	5.0dB	411°K	399620	+239 Hz
2022-09-16	Fri day	20:00	081°	+25°	0 dB	0°	081°	+25°	226°	+25°	5.0dB	412°K	399691	+235 Hz
2022-09-16	Fri day	20:30	085°	+30°	0 dB	0°	085°	+30°	233°	+25°	5.1dB	414°K	399763	+226 Hz
2022-09-16	Fri day	21:00	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	5.1dB	415°K	399833	+213 Hz
2022-09-16	Fri day	21:30	096°	+40°	0 dB	0°	096°	+40°	247°	+25°	5.1dB	416°K	399904	+196 Hz
2022-09-16	Fri day	22:00	102°	+45°	0 dB	0°	102°	+45°	255°	+25°	5.1dB	417°K	399974	+175 Hz
2022-09-16	Fri day	22:30	108°	+50°	0 dB	0°	108°	+50°	262°	+25°	5.1dB	419°K	400043	+150 Hz
2022-09-16	Fri day	23:00	116°	+55°	0 dB	0°	116°	+55°	269°	+25°	5.1dB	420°K	400112	+122 Hz
2022-09-16	Fri day	23:30	125°	+60°	0 dB	0°	125°	+60°	276°	+25°	5.1dB	421°K	400180	+92 Hz
2022-09-17	Saturday	00:00	137°	+63°	0 dB	0°	137°	+63°	284°	+25°	5.2dB	422°K	400248	+59 Hz
2022-09-17	Saturday	00:30	151°	+67°	0 dB	0°	151°	+67°	291°	+25°	5.2dB	424°K	400316	+25 Hz
2022-09-17	Saturday	01:00	168°	+68°	0 dB	0°	168°	+68°	298°	+25°	5.2dB	425°K	400382	-10 Hz
2022-09-17	Saturday	01:30	186°	+69°	0 dB	0°	186°	+69°	305°	+25°	5.2dB	426°K	400449	-46 Hz
2022-09-17	Saturday	02:00	203°	+67°	0 dB	0°	203°	+67°	313°	+25°	5.2dB	427°K	400515	-81 Hz
2022-09-17	Saturday	02:30	219°	+65°	0 dB	0°	219°	+65°	320°	+25°	5.2dB	429°K	400580	-115 Hz
2022-09-17	Saturday	03:00	231°	+61°	0 dB	0°	231°	+61°	327°	+25°	5.2dB	430°K	400645	-148 Hz
2022-09-17	Saturday	03:30	241°	+57°	0 dB	0°	241°	+57°	334°	+25°	5.3dB	431°K	400710	-179 Hz
2022-09-17	Saturday	04:00	249°	+53°	0 dB	0°	249°	+53°	342°	+25°	5.3dB	432°K	400773	-208 Hz
2022-09-17	Saturday	04:30	257°	+48°	0 dB	0°	257°	+48°	349°	+25°	5.3dB	434°K	400837	-233 Hz
2022-09-17	Saturday	05:00	263°	+43°	0 dB	0°	263°	+43°	356°	+25°	5.3dB	435°K	400900	-255 Hz
2022-09-17	Saturday	05:30	268°	+38°	0 dB	0°	268°	+38°	3°	+26°	5.3dB	438°K	400962	-273 Hz
2022-09-17	Saturday	06:00	274°	+33°	0 dB	0°	274°	+33°	11°	+26°	5.3dB	440°K	401024	-287 Hz
2022-09-17	Saturday	06:30	278°	+28°	0 dB	0°	278°	+28°	18°	+26°	5.4dB	443°K	401085	-297 Hz
2022-09-17	Saturday	07:00	283°	+23°	0 dB	0°	283°	+23°	25°	+26°	5.4dB	445°K	401146	-303 Hz
2022-09-17	Saturday	07:30	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	5.4dB	447°K	401207	-304 Hz
2022-09-17	Saturday	08:00	293°	+13°	0 dB	0°	293°	+13°	39°	+26°	5.4dB	450°K	401267	-301 Hz
2022-09-17	Saturday	08:30	298°	+9°	0 dB	0°	298°	+9°	47°	+26°	5.5dB	452°K	401326	-293 Hz
2022-09-17	Saturday	09:00	302°	+4°	0 dB	0°	302°	+4°	54°	+26°	5.5dB	455°K	401385	-282 Hz
2022-09-17	Saturday	09:30	308°	+0°	0 dB	0°	308°	+0°	61°	+26°	5.5dB	457°K	401443	-266 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-17	Saturday	18:00	052°	+0°	0 dB	0°	052°	+0°	184°	+26°	5.9dB	498°K	402354 +210 Hz
2022-09-17	Saturday	18:30	057°	+5°	0 dB	0°	057°	+5°	192°	+26°	5.9dB	500°K	402403 +226 Hz
2022-09-17	Saturday	19:00	062°	+9°	0 dB	0°	062°	+9°	199°	+27°	5.9dB	500°K	402451 +237 Hz
2022-09-17	Saturday	19:30	066°	+13°	0 dB	0°	066°	+13°	206°	+27°	5.9dB	500°K	402499 +244 Hz
2022-09-17	Saturday	20:00	071°	+18°	0 dB	0°	071°	+18°	213°	+27°	5.9dB	500°K	402546 +248 Hz
2022-09-17	Saturday	20:30	076°	+23°	0 dB	0°	076°	+23°	221°	+27°	5.9dB	500°K	402593 +246 Hz
2022-09-17	Saturday	21:00	080°	+28°	0 dB	0°	080°	+28°	228°	+27°	5.9dB	500°K	402639 +241 Hz
2022-09-17	Saturday	21:30	085°	+33°	0 dB	0°	085°	+33°	235°	+27°	5.9dB	500°K	402684 +231 Hz
2022-09-17	Saturday	22:00	090°	+38°	0 dB	0°	090°	+38°	242°	+27°	5.9dB	500°K	402729 +217 Hz
2022-09-17	Saturday	22:30	096°	+43°	0 dB	0°	096°	+43°	250°	+27°	5.9dB	500°K	402774 +199 Hz
2022-09-17	Saturday	23:00	102°	+48°	0 dB	0°	102°	+48°	257°	+27°	5.9dB	500°K	402818 +177 Hz
2022-09-17	Saturday	23:30	108°	+53°	0 dB	0°	108°	+53°	264°	+27°	5.9dB	500°K	402861 +152 Hz
2022-09-18	Sunday	00:00	116°	+58°	0 dB	0°	116°	+58°	271°	+27°	5.9dB	500°K	402904 +124 Hz
2022-09-18	Sunday	00:30	126°	+62°	0 dB	0°	126°	+62°	279°	+27°	5.9dB	500°K	402946 +93 Hz
2022-09-18	Sunday	01:00	139°	+66°	0 dB	0°	139°	+66°	286°	+27°	5.9dB	500°K	402988 +61 Hz
2022-09-18	Sunday	01:30	154°	+69°	0 dB	0°	154°	+69°	293°	+27°	5.9dB	500°K	403029 +27 Hz
2022-09-18	Sunday	02:00	173°	+70°	0 dB	0°	173°	+70°	300°	+27°	5.9dB	500°K	403070 -8 Hz
2022-09-18	Sunday	02:30	192°	+70°	0 dB	0°	192°	+70°	308°	+27°	5.9dB	500°K	403110 -43 Hz
2022-09-18	Sunday	03:00	210°	+68°	0 dB	0°	210°	+68°	315°	+27°	5.9dB	500°K	403150 -78 Hz
2022-09-18	Sunday	03:30	225°	+65°	0 dB	0°	225°	+65°	322°	+27°	5.9dB	500°K	403189 -111 Hz
2022-09-18	Sunday	04:00	237°	+61°	0 dB	0°	237°	+61°	329°	+27°	5.9dB	500°K	403227 -143 Hz
2022-09-18	Sunday	04:30	246°	+57°	0 dB	0°	246°	+57°	337°	+27°	5.9dB	500°K	403265 -173 Hz
2022-09-18	Sunday	05:00	254°	+52°	0 dB	0°	254°	+52°	344°	+27°	5.9dB	500°K	403303 -200 Hz
2022-09-18	Sunday	05:30	260°	+47°	0 dB	0°	260°	+47°	351°	+27°	5.9dB	500°K	403340 -224 Hz
2022-09-18	Sunday	06:00	266°	+42°	0 dB	0°	266°	+42°	358°	+27°	5.9dB	500°K	403376 -245 Hz
2022-09-18	Sunday	06:30	271°	+37°	0 dB	0°	271°	+37°	5°	+27°	5.9dB	500°K	403412 -261 Hz
2022-09-18	Sunday	07:00	276°	+32°	0 dB	0°	276°	+32°	13°	+27°	5.9dB	500°K	403447 -274 Hz
2022-09-18	Sunday	07:30	281°	+27°	0 dB	0°	281°	+27°	20°	+27°	5.9dB	500°K	403481 -283 Hz
2022-09-18	Sunday	08:00	286°	+22°	0 dB	0°	286°	+22°	27°	+27°	5.9dB	500°K	403516 -287 Hz
2022-09-18	Sunday	08:30	291°	+17°	0 dB	0°	291°	+17°	34°	+27°	5.9dB	497°K	403549 -287 Hz
2022-09-18	Sunday	09:00	295°	+13°	0 dB	0°	295°	+13°	42°	+27°	5.9dB	493°K	403582 -283 Hz
2022-09-18	Sunday	09:30	300°	+8°	0 dB	0°	300°	+8°	49°	+27°	5.9dB	490°K	403615 -274 Hz
2022-09-18	Sunday	10:00	305°	+4°	0 dB	0°	305°	+4°	56°	+27°	5.8dB	487°K	403646 -262 Hz
2022-09-18	Sunday	10:30	310°	-0°	0 dB	0°	310°	-0°	63°	+27°	5.8dB	484°K	403678 -245 Hz
2022-09-18	Sunday	19:00	053°	+2°	0 dB	0°	053°	+2°	187°	+27°	5.4dB	429°K	404125 +227 Hz
2022-09-18	Sunday	19:30	058°	+6°	0 dB	0°	058°	+6°	194°	+27°	5.4dB	426°K	404147 +241 Hz
2022-09-18	Sunday	20:00	063°	+11°	0 dB	0°	063°	+11°	201°	+27°	5.3dB	422°K	404167 +251 Hz
2022-09-18	Sunday	20:30	067°	+15°	0 dB	0°	067°	+15°	208°	+27°	5.3dB	419°K	404188 +258 Hz
2022-09-18	Sunday	21:00	072°	+20°	0 dB	0°	072°	+20°	216°	+27°	5.3dB	416°K	404207 +259 Hz
2022-09-18	Sunday	21:30	076°	+25°	0 dB	0°	076°	+25°	223°	+27°	5.2dB	413°K	404226 +257 Hz
2022-09-18	Sunday	22:00	081°	+30°	0 dB	0°	081°	+30°	230°	+27°	5.2dB	411°K	404245 +250 Hz
2022-09-18	Sunday	22:30	086°	+35°	0 dB	0°	086°	+35°	237°	+27°	5.2dB	410°K	404263 +239 Hz
2022-09-18	Sunday	23:00	091°	+40°	0 dB	0°	091°	+40°	245°	+27°	5.2dB	408°K	404280 +224 Hz
2022-09-18	Sunday	23:30	097°	+45°	0 dB	0°	097°	+45°	252°	+27°	5.2dB	406°K	404297 +205 Hz
2022-09-19	Monday	00:00	103°	+50°	0 dB	0°	103°	+50°	259°	+27°	5.2dB	405°K	404314 +183 Hz
2022-09-19	Monday	00:30	110°	+55°	0 dB	0°	110°	+55°	266°	+27°	5.2dB	403°K	404329 +157 Hz
2022-09-19	Monday	01:00	118°	+60°	0 dB	0°	118°	+60°	273°	+27°	5.1dB	402°K	404345 +128 Hz
2022-09-19	Monday	01:30	129°	+64°	0 dB	0°	129°	+64°	281°	+27°	5.1dB	400°K	404359 +97 Hz
2022-09-19	Monday	02:00	142°	+67°	0 dB	0°	142°	+67°	288°	+27°	5.1dB	398°K	404373 +64 Hz
2022-09-19	Monday	02:30	159°	+70°	0 dB	0°	159°	+70°	295°	+27°	5.1dB	397°K	404387 +30 Hz
2022-09-19	Monday	03:00	179°	+71°	0 dB	0°	179°	+71°	302°	+27°	5.1dB	395°K	404400 -4 Hz
2022-09-19	Monday	03:30	198°	+70°	0 dB	0°	198°	+70°	310°	+27°	5.1dB	393°K	404413 -39 Hz
2022-09-19	Monday	04:00	215°	+68°	0 dB	0°	215°	+68°	317°	+27°	5.1dB	392°K	404424 -73 Hz
2022-09-19	Monday	04:30	229°	+64°	0 dB	0°	229°	+64°	324°	+27°	5.0dB	390°K	404436 -106 Hz
2022-09-19	Monday	05:00	240°	+60°	0 dB	0°	240°	+60°	331°	+27°	5.0dB	389°K	404447 -138 Hz
2022-09-19	Monday	05:30	249°	+56°	0 dB	0°	249°	+56°	339°	+27°	5.0dB	387°K	404457 -167 Hz
2022-09-19	Monday	06:00	256°	+51°	0 dB	0°	256°	+51°	346°	+27°	5.0dB	385°K	404467 -193 Hz
2022-09-19	Monday	06:30	262°	+46°	0 dB	0°	262°	+46°	353°	+27°	5.0dB	384°K	404476 -216 Hz
2022-09-19	Monday	07:00	268°	+41°	0 dB	0°	268°	+41°	0°	+27°	5.0dB	382°K	404484 -236 Hz
2022-09-19	Monday	07:30	273°	+36°	0 dB	0°	273°	+36°	8°	+27°	5.0dB	381°K	404492 -252 Hz
2022-09-19	Monday	08:00	278°	+31°	0 dB	0°	278°	+31°	15°	+27°	4.9dB	379°K	404500 -263 Hz
2022-09-19	Monday	08:30	283°	+26°	0 dB	0°	283°	+26°	22°	+27°	4.9dB	377°K	404507 -271 Hz
2022-09-19	Monday	09:00	287°	+21°	0 dB	0°	287°	+21°	29°	+27°	4.9dB	376°K	404513 -274 Hz
2022-09-19	Monday	09:30	292°	+16°	0 dB	0°	292°	+16°	37°	+27°	4.9dB	374°K	404519 -272 Hz
2022-09-19	Monday	10:00	297°	+11°	0 dB	0°	297°	+11°	44°	+27°	4.9dB	373°K	404525 -267 Hz
2022-09-19	Monday	10:30	301°	+7°	0 dB	0°	301°	+7°	51°	+27°	4.9dB	371°K	404529 -257 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDx	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-09-19	Monday	11:00	306°	+3°	0 dB	0°	306°	+3°	58°	+27°	4.8dB	369°K	404534	-244 Hz
2022-09-19	Monday	20:00	055°	+3°	0 dB	0°	055°	+3°	189°	+27°	4.4dB	326°K	404518	+246 Hz
2022-09-19	Monday	20:30	060°	+7°	0 dB	0°	060°	+7°	196°	+27°	4.4dB	324°K	404512	+259 Hz
2022-09-19	Monday	21:00	064°	+12°	0 dB	0°	064°	+12°	203°	+27°	4.3dB	321°K	404505	+268 Hz
2022-09-19	Monday	21:30	069°	+16°	0 dB	0°	069°	+16°	211°	+27°	4.3dB	319°K	404498	+273 Hz
2022-09-19	Monday	22:00	074°	+21°	0 dB	0°	074°	+21°	218°	+27°	4.3dB	317°K	404490	+274 Hz
2022-09-19	Monday	22:30	078°	+26°	0 dB	0°	078°	+26°	225°	+27°	4.2dB	314°K	404482	+271 Hz
2022-09-19	Monday	23:00	083°	+31°	0 dB	0°	083°	+31°	232°	+27°	4.2dB	312°K	404474	+263 Hz
2022-09-19	Monday	23:30	088°	+36°	0 dB	0°	088°	+36°	239°	+27°	4.2dB	310°K	404465	+250 Hz
2022-09-20	Tuesday	00:00	094°	+41°	0 dB	0°	094°	+41°	247°	+27°	4.2dB	307°K	404455	+234 Hz
2022-09-20	Tuesday	00:30	099°	+46°	0 dB	0°	099°	+46°	254°	+27°	4.1dB	305°K	404445	+214 Hz
2022-09-20	Tuesday	01:00	106°	+51°	0 dB	0°	106°	+51°	261°	+27°	4.1dB	302°K	404434	+190 Hz
2022-09-20	Tuesday	01:30	113°	+56°	0 dB	0°	113°	+56°	268°	+27°	4.1dB	299°K	404423	+163 Hz
2022-09-20	Tuesday	02:00	123°	+60°	0 dB	0°	123°	+60°	276°	+26°	4.0dB	296°K	404411	+134 Hz
2022-09-20	Tuesday	02:30	134°	+64°	0 dB	0°	134°	+64°	283°	+26°	4.0dB	293°K	404399	+102 Hz
2022-09-20	Tuesday	03:00	148°	+68°	0 dB	0°	148°	+68°	290°	+26°	4.0dB	291°K	404386	+68 Hz
2022-09-20	Tuesday	03:30	165°	+70°	0 dB	0°	165°	+70°	297°	+26°	3.9dB	288°K	404373	+34 Hz
2022-09-20	Tuesday	04:00	185°	+70°	0 dB	0°	185°	+70°	305°	+26°	3.9dB	285°K	404359	-2 Hz
2022-09-20	Tuesday	04:30	203°	+69°	0 dB	0°	203°	+69°	312°	+26°	3.8dB	282°K	404345	-37 Hz
2022-09-20	Tuesday	05:00	219°	+66°	0 dB	0°	219°	+66°	319°	+26°	3.8dB	279°K	404330	-71 Hz
2022-09-20	Tuesday	05:30	231°	+62°	0 dB	0°	231°	+62°	326°	+26°	3.8dB	276°K	404315	-104 Hz
2022-09-20	Tuesday	06:00	242°	+58°	0 dB	0°	242°	+58°	334°	+26°	3.7dB	274°K	404299	-135 Hz
2022-09-20	Tuesday	06:30	250°	+53°	0 dB	0°	250°	+53°	341°	+26°	3.7dB	271°K	404282	-163 Hz
2022-09-20	Tuesday	07:00	257°	+49°	0 dB	0°	257°	+49°	348°	+26°	3.7dB	268°K	404266	-189 Hz
2022-09-20	Tuesday	07:30	263°	+44°	0 dB	0°	263°	+44°	355°	+26°	3.6dB	265°K	404248	-212 Hz
2022-09-20	Tuesday	08:00	268°	+38°	0 dB	0°	268°	+38°	3°	+26°	3.6dB	262°K	404230	-230 Hz
2022-09-20	Tuesday	08:30	274°	+33°	0 dB	0°	274°	+33°	10°	+26°	3.5dB	259°K	404212	-245 Hz
2022-09-20	Tuesday	09:00	278°	+28°	0 dB	0°	278°	+28°	17°	+26°	3.5dB	256°K	404193	-256 Hz
2022-09-20	Tuesday	09:30	283°	+23°	0 dB	0°	283°	+23°	24°	+26°	3.5dB	254°K	404174	-262 Hz
2022-09-20	Tuesday	10:00	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	3.4dB	251°K	404154	-264 Hz
2022-09-20	Tuesday	10:30	292°	+14°	0 dB	0°	292°	+14°	39°	+26°	3.4dB	248°K	404133	-261 Hz
2022-09-20	Tuesday	11:00	297°	+9°	0 dB	0°	297°	+9°	46°	+26°	3.3dB	245°K	404113	-255 Hz
2022-09-20	Tuesday	11:30	302°	+5°	0 dB	0°	302°	+5°	53°	+26°	3.3dB	242°K	404091	-244 Hz
2022-09-20	Tuesday	12:00	307°	+0°	0 dB	0°	307°	+0°	61°	+26°	3.2dB	239°K	404069	-229 Hz
2022-09-20	Tuesday	21:00	058°	+3°	0 dB	0°	058°	+3°	191°	+25°	2.8dB	213°K	403593	+267 Hz
2022-09-20	Tuesday	21:30	063°	+7°	0 dB	0°	063°	+7°	198°	+25°	2.8dB	212°K	403562	+279 Hz
2022-09-20	Tuesday	22:00	067°	+12°	0 dB	0°	067°	+12°	206°	+25°	2.8dB	212°K	403531	+287 Hz
2022-09-20	Tuesday	22:30	072°	+17°	0 dB	0°	072°	+17°	213°	+25°	2.8dB	211°K	403499	+291 Hz
2022-09-20	Tuesday	23:00	077°	+22°	0 dB	0°	077°	+22°	220°	+25°	2.8dB	210°K	403467	+290 Hz
2022-09-20	Tuesday	23:30	082°	+26°	0 dB	0°	082°	+26°	227°	+25°	2.8dB	209°K	403434	+285 Hz
2022-09-21	Wednesday	00:00	087°	+31°	0 dB	0°	087°	+31°	235°	+25°	2.7dB	208°K	403400	+275 Hz
2022-09-21	Wednesday	00:30	092°	+37°	0 dB	0°	092°	+37°	242°	+25°	2.7dB	207°K	403367	+261 Hz
2022-09-21	Wednesday	01:00	098°	+42°	0 dB	0°	098°	+42°	249°	+25°	2.7dB	206°K	403333	+244 Hz
2022-09-21	Wednesday	01:30	104°	+47°	0 dB	0°	104°	+47°	256°	+25°	2.7dB	205°K	403298	+222 Hz
2022-09-21	Wednesday	02:00	111°	+51°	0 dB	0°	111°	+51°	264°	+24°	2.7dB	204°K	403263	+196 Hz
2022-09-21	Wednesday	02:30	119°	+56°	0 dB	0°	119°	+56°	271°	+24°	2.7dB	203°K	403227	+168 Hz
2022-09-21	Wednesday	03:00	129°	+60°	0 dB	0°	129°	+60°	278°	+24°	2.6dB	202°K	403191	+137 Hz
2022-09-21	Wednesday	03:30	141°	+64°	0 dB	0°	141°	+64°	285°	+24°	2.6dB	201°K	403155	+104 Hz
2022-09-21	Wednesday	04:00	156°	+66°	0 dB	0°	156°	+66°	293°	+24°	2.6dB	200°K	403118	+69 Hz
2022-09-21	Wednesday	04:30	173°	+68°	0 dB	0°	173°	+68°	300°	+24°	2.6dB	199°K	403081	+34 Hz
2022-09-21	Wednesday	05:00	190°	+68°	0 dB	0°	190°	+68°	307°	+24°	2.6dB	199°K	403043	-2 Hz
2022-09-21	Wednesday	05:30	207°	+66°	0 dB	0°	207°	+66°	315°	+24°	2.6dB	198°K	403005	-38 Hz
2022-09-21	Wednesday	06:00	221°	+63°	0 dB	0°	221°	+63°	322°	+24°	2.5dB	197°K	402966	-73 Hz
2022-09-21	Wednesday	06:30	232°	+59°	0 dB	0°	232°	+59°	329°	+24°	2.5dB	196°K	402927	-106 Hz
2022-09-21	Wednesday	07:00	242°	+55°	0 dB	0°	242°	+55°	336°	+24°	2.5dB	195°K	402888	-137 Hz
2022-09-21	Wednesday	07:30	250°	+50°	0 dB	0°	250°	+50°	344°	+24°	2.5dB	194°K	402848	-165 Hz
2022-09-21	Wednesday	08:00	257°	+45°	0 dB	0°	257°	+45°	351°	+24°	2.5dB	193°K	402808	-190 Hz
2022-09-21	Wednesday	08:30	263°	+40°	0 dB	0°	263°	+40°	358°	+24°	2.4dB	192°K	402767	-212 Hz
2022-09-21	Wednesday	09:00	268°	+35°	0 dB	0°	268°	+35°	5°	+24°	2.4dB	191°K	402726	-230 Hz
2022-09-21	Wednesday	09:30	273°	+30°	0 dB	0°	273°	+30°	13°	+24°	2.4dB	190°K	402684	-243 Hz
2022-09-21	Wednesday	10:00	278°	+25°	0 dB	0°	278°	+25°	20°	+24°	2.4dB	189°K	402642	-253 Hz
2022-09-21	Wednesday	10:30	283°	+20°	0 dB	0°	283°	+20°	27°	+23°	2.4dB	188°K	402600	-257 Hz
2022-09-21	Wednesday	11:00	288°	+15°	0 dB	0°	288°	+15°	34°	+23°	2.4dB	188°K	402557	-258 Hz
2022-09-21	Wednesday	11:30	292°	+10°	0 dB	0°	292°	+10°	42°	+23°	2.3dB	187°K	402514	-254 Hz
2022-09-21	Wednesday	12:00	297°	+5°	0 dB	0°	297°	+5°	49°	+23°	2.3dB	186°K	402470	-245 Hz
2022-09-21	Wednesday	12:30	302°	+1°	0 dB	0°	302°	+1°	56°	+23°	2.3dB	185°K	402426	-233 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-21	Wednesday 22:00	062°	+2°	0 dB	0°	062°	+2°	194°	+22°	2.1dB	176°K	401513	+288 Hz
2022-09-21	Wednesday 22:30	067°	+7°	0 dB	0°	067°	+7°	201°	+22°	2.1dB	176°K	401461	+299 Hz
2022-09-21	Wednesday 23:00	072°	+12°	0 dB	0°	072°	+12°	209°	+22°	2.1dB	176°K	401409	+305 Hz
2022-09-21	Wednesday 23:30	076°	+16°	0 dB	0°	076°	+16°	216°	+22°	2.1dB	176°K	401356	+307 Hz
2022-09-22	Thursday 00:00	081°	+21°	0 dB	0°	081°	+21°	223°	+22°	2.1dB	177°K	401304	+305 Hz
2022-09-22	Thursday 00:30	086°	+26°	0 dB	0°	086°	+26°	230°	+22°	2.1dB	177°K	401250	+298 Hz
2022-09-22	Thursday 01:00	092°	+31°	0 dB	0°	092°	+31°	238°	+21°	2.1dB	177°K	401197	+286 Hz
2022-09-22	Thursday 01:30	097°	+36°	0 dB	0°	097°	+36°	245°	+21°	2.1dB	178°K	401143	+270 Hz
2022-09-22	Thursday 02:00	103°	+41°	0 dB	0°	103°	+41°	252°	+21°	2.1dB	178°K	401088	+250 Hz
2022-09-22	Thursday 02:30	110°	+46°	0 dB	0°	110°	+46°	259°	+21°	2.1dB	178°K	401033	+227 Hz
2022-09-22	Thursday 03:00	118°	+51°	0 dB	0°	118°	+51°	267°	+21°	2.1dB	178°K	400978	+199 Hz
2022-09-22	Thursday 03:30	127°	+55°	0 dB	0°	127°	+55°	274°	+21°	2.1dB	179°K	400923	+169 Hz
2022-09-22	Thursday 04:00	137°	+59°	0 dB	0°	137°	+59°	281°	+21°	2.1dB	179°K	400867	+136 Hz
2022-09-22	Thursday 04:30	150°	+62°	0 dB	0°	150°	+62°	288°	+21°	2.1dB	179°K	400811	+101 Hz
2022-09-22	Thursday 05:00	164°	+64°	0 dB	0°	164°	+64°	296°	+21°	2.1dB	180°K	400755	+65 Hz
2022-09-22	Thursday 05:30	180°	+64°	0 dB	0°	180°	+64°	303°	+21°	2.1dB	180°K	400698	+28 Hz
2022-09-22	Thursday 06:00	196°	+64°	0 dB	0°	196°	+64°	310°	+21°	2.1dB	180°K	400641	-8 Hz
2022-09-22	Thursday 06:30	210°	+62°	0 dB	0°	210°	+62°	318°	+21°	2.2dB	181°K	400583	-45 Hz
2022-09-22	Thursday 07:00	222°	+58°	0 dB	0°	222°	+58°	325°	+21°	2.2dB	181°K	400525	-80 Hz
2022-09-22	Thursday 07:30	233°	+55°	0 dB	0°	233°	+55°	332°	+20°	2.2dB	181°K	400467	-113 Hz
2022-09-22	Thursday 08:00	241°	+50°	0 dB	0°	241°	+50°	339°	+20°	2.2dB	181°K	400409	-144 Hz
2022-09-22	Thursday 08:30	249°	+46°	0 dB	0°	249°	+46°	347°	+20°	2.2dB	182°K	400350	-172 Hz
2022-09-22	Thursday 09:00	256°	+41°	0 dB	0°	256°	+41°	354°	+20°	2.2dB	182°K	400291	-196 Hz
2022-09-22	Thursday 09:30	262°	+36°	0 dB	0°	262°	+36°	1°	+20°	2.2dB	182°K	400232	-217 Hz
2022-09-22	Thursday 10:00	267°	+30°	0 dB	0°	267°	+30°	8°	+20°	2.2dB	182°K	400172	-233 Hz
2022-09-22	Thursday 10:30	272°	+25°	0 dB	0°	272°	+25°	16°	+20°	2.2dB	183°K	400112	-246 Hz
2022-09-22	Thursday 11:00	277°	+20°	0 dB	0°	277°	+20°	23°	+20°	2.2dB	183°K	400052	-253 Hz
2022-09-22	Thursday 11:30	282°	+15°	0 dB	0°	282°	+15°	30°	+20°	2.2dB	183°K	399991	-256 Hz
2022-09-22	Thursday 12:00	287°	+10°	0 dB	0°	287°	+10°	37°	+20°	2.2dB	183°K	399930	-255 Hz
2022-09-22	Thursday 12:30	292°	+5°	0 dB	0°	292°	+5°	45°	+20°	2.2dB	183°K	399869	-249 Hz
2022-09-22	Thursday 13:00	297°	+1°	0 dB	0°	297°	+1°	52°	+20°	2.2dB	183°K	399807	-238 Hz
2022-09-22	Thursday 23:00	067°	+1°	0 dB	0°	067°	+1°	197°	+18°	2.2dB	186°K	398516	+307 Hz
2022-09-22	Thursday 23:30	072°	+6°	0 dB	0°	072°	+6°	205°	+18°	2.2dB	186°K	398449	+316 Hz
2022-09-23	Fri day 00:00	077°	+11°	0 dB	0°	077°	+11°	212°	+18°	2.2dB	187°K	398381	+321 Hz
2022-09-23	Fri day 00:30	082°	+16°	0 dB	0°	082°	+16°	219°	+18°	2.2dB	187°K	398313	+321 Hz
2022-09-23	Fri day 01:00	087°	+21°	0 dB	0°	087°	+21°	226°	+17°	2.2dB	187°K	398245	+316 Hz
2022-09-23	Fri day 01:30	092°	+26°	0 dB	0°	092°	+26°	234°	+17°	2.2dB	187°K	398177	+307 Hz
2022-09-23	Fri day 02:00	098°	+31°	0 dB	0°	098°	+31°	241°	+17°	2.2dB	188°K	398108	+293 Hz
2022-09-23	Fri day 02:30	104°	+36°	0 dB	0°	104°	+36°	248°	+17°	2.2dB	188°K	398039	+275 Hz
2022-09-23	Fri day 03:00	110°	+41°	0 dB	0°	110°	+41°	255°	+17°	2.2dB	188°K	397970	+252 Hz
2022-09-23	Fri day 03:30	118°	+45°	0 dB	0°	118°	+45°	263°	+17°	2.2dB	189°K	397901	+226 Hz
2022-09-23	Fri day 04:00	126°	+49°	0 dB	0°	126°	+49°	270°	+17°	2.2dB	189°K	397831	+196 Hz
2022-09-23	Fri day 04:30	135°	+53°	0 dB	0°	135°	+53°	277°	+17°	2.2dB	189°K	397761	+164 Hz
2022-09-23	Fri day 05:00	146°	+56°	0 dB	0°	146°	+56°	285°	+17°	2.2dB	189°K	397692	+129 Hz
2022-09-23	Fri day 05:30	159°	+59°	0 dB	0°	159°	+59°	292°	+17°	2.2dB	190°K	397621	+93 Hz
2022-09-23	Fri day 06:00	172°	+60°	0 dB	0°	172°	+60°	299°	+16°	2.2dB	190°K	397551	+55 Hz
2022-09-23	Fri day 06:30	187°	+60°	0 dB	0°	187°	+60°	306°	+16°	2.2dB	190°K	397480	+17 Hz
2022-09-23	Fri day 07:00	200°	+58°	0 dB	0°	200°	+58°	314°	+16°	2.2dB	191°K	397409	-21 Hz
2022-09-23	Fri day 07:30	213°	+56°	0 dB	0°	213°	+56°	321°	+16°	2.2dB	191°K	397338	-58 Hz
2022-09-23	Fri day 08:00	223°	+53°	0 dB	0°	223°	+53°	328°	+16°	2.2dB	191°K	397267	-93 Hz
2022-09-23	Fri day 08:30	233°	+49°	0 dB	0°	233°	+49°	335°	+16°	2.2dB	191°K	397196	-126 Hz
2022-09-23	Fri day 09:00	241°	+45°	0 dB	0°	241°	+45°	343°	+16°	2.2dB	192°K	397124	-156 Hz
2022-09-23	Fri day 09:30	248°	+40°	0 dB	0°	248°	+40°	350°	+16°	2.2dB	192°K	397052	-183 Hz
2022-09-23	Fri day 10:00	255°	+35°	0 dB	0°	255°	+35°	357°	+16°	2.2dB	192°K	396980	-206 Hz
2022-09-23	Fri day 10:30	260°	+30°	0 dB	0°	260°	+30°	5°	+16°	2.2dB	193°K	396908	-226 Hz
2022-09-23	Fri day 11:00	266°	+25°	0 dB	0°	266°	+25°	12°	+15°	2.2dB	193°K	396835	-241 Hz
2022-09-23	Fri day 11:30	271°	+20°	0 dB	0°	271°	+20°	19°	+15°	2.2dB	193°K	396762	-251 Hz
2022-09-23	Fri day 12:00	276°	+15°	0 dB	0°	276°	+15°	26°	+15°	2.2dB	193°K	396690	-256 Hz
2022-09-23	Fri day 12:30	281°	+9°	0 dB	0°	281°	+9°	34°	+15°	2.2dB	194°K	396616	-257 Hz
2022-09-23	Fri day 13:00	286°	+4°	0 dB	0°	286°	+4°	41°	+15°	2.2dB	194°K	396543	-254 Hz
2022-09-23	Fri day 13:30	291°	-0°	0 dB	0°	291°	-0°	48°	+15°	2.2dB	194°K	396470	-245 Hz
2022-09-24	Saturday 00:00	073°	+0°	0 dB	0°	073°	+0°	201°	+13°	2.2dB	200°K	394890	+323 Hz
2022-09-24	Saturday 00:30	078°	+5°	0 dB	0°	078°	+5°	208°	+13°	2.3dB	201°K	394813	+330 Hz
2022-09-24	Saturday 01:00	083°	+10°	0 dB	0°	083°	+10°	216°	+13°	2.2dB	201°K	394736	+332 Hz
2022-09-24	Saturday 01:30	088°	+15°	0 dB	0°	088°	+15°	223°	+12°	2.2dB	201°K	394659	+329 Hz
2022-09-24	Saturday 02:00	094°	+20°	0 dB	0°	094°	+20°	230°	+12°	2.2dB	201°K	394582	+322 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-24	Saturday	02:30	099°	+25°	0 dB	0°	099°	+25°	237°	+12°	2.3dB	202°K	394504 +310 Hz
2022-09-24	Saturday	03:00	105°	+30°	0 dB	0°	105°	+30°	245°	+12°	2.3dB	202°K	394427 +293 Hz
2022-09-24	Saturday	03:30	111°	+34°	0 dB	0°	111°	+34°	252°	+12°	2.2dB	202°K	394349 +272 Hz
2022-09-24	Saturday	04:00	118°	+39°	0 dB	0°	118°	+39°	259°	+12°	2.2dB	202°K	394272 +247 Hz
2022-09-24	Saturday	04:30	126°	+43°	0 dB	0°	126°	+43°	267°	+12°	2.3dB	203°K	394194 +218 Hz
2022-09-24	Saturday	05:00	135°	+47°	0 dB	0°	135°	+47°	274°	+12°	2.3dB	203°K	394116 +186 Hz
2022-09-24	Saturday	05:30	145°	+50°	0 dB	0°	145°	+50°	281°	+12°	2.3dB	203°K	394038 +152 Hz
2022-09-24	Saturday	06:00	156°	+53°	0 dB	0°	156°	+53°	288°	+11°	2.3dB	204°K	393960 +115 Hz
2022-09-24	Saturday	06:30	167°	+54°	0 dB	0°	167°	+54°	296°	+11°	2.3dB	204°K	393882 +77 Hz
2022-09-24	Saturday	07:00	180°	+55°	0 dB	0°	180°	+55°	303°	+11°	2.3dB	204°K	393804 +38 Hz
2022-09-24	Saturday	07:30	192°	+54°	0 dB	0°	192°	+54°	310°	+11°	2.3dB	204°K	393725 0 Hz
2022-09-24	Saturday	08:00	204°	+52°	0 dB	0°	204°	+52°	317°	+11°	2.3dB	205°K	393647 -39 Hz
2022-09-24	Saturday	08:30	215°	+50°	0 dB	0°	215°	+50°	325°	+11°	2.3dB	205°K	393568 -76 Hz
2022-09-24	Saturday	09:00	224°	+46°	0 dB	0°	224°	+46°	332°	+11°	2.3dB	205°K	393489 -110 Hz
2022-09-24	Saturday	09:30	233°	+42°	0 dB	0°	233°	+42°	339°	+11°	2.3dB	206°K	393411 -143 Hz
2022-09-24	Saturday	10:00	240°	+38°	0 dB	0°	240°	+38°	347°	+11°	2.3dB	206°K	393332 -172 Hz
2022-09-24	Saturday	10:30	247°	+33°	0 dB	0°	247°	+33°	354°	+10°	2.3dB	206°K	393253 -198 Hz
2022-09-24	Saturday	11:00	253°	+29°	0 dB	0°	253°	+29°	1°	+10°	2.3dB	206°K	393174 -219 Hz
2022-09-24	Saturday	11:30	259°	+23°	0 dB	0°	259°	+23°	8°	+10°	2.3dB	207°K	393095 -237 Hz
2022-09-24	Saturday	12:00	265°	+18°	0 dB	0°	265°	+18°	16°	+10°	2.3dB	207°K	393016 -249 Hz
2022-09-24	Saturday	12:30	270°	+13°	0 dB	0°	270°	+13°	23°	+10°	2.3dB	207°K	392937 -257 Hz
2022-09-24	Saturday	13:00	275°	+8°	0 dB	0°	275°	+8°	30°	+10°	2.3dB	208°K	392857 -260 Hz
2022-09-24	Saturday	13:30	280°	+3°	0 dB	0°	280°	+3°	38°	+10°	2.3dB	208°K	392778 -259 Hz
2022-09-25	Sunday	01:30	085°	+4°	0 dB	0°	085°	+4°	212°	+7°	2.4dB	SUN!	390860 +337 Hz
2022-09-25	Sunday	02:00	090°	+9°	0 dB	0°	090°	+9°	220°	+7°	2.4dB	SUN!	390779 +337 Hz
2022-09-25	Sunday	02:30	095°	+14°	0 dB	0°	095°	+14°	227°	+7°	2.5dB	SUN!	390699 +331 Hz
2022-09-25	Sunday	03:00	101°	+18°	0 dB	0°	101°	+18°	234°	+7°	2.5dB	SUN!	390619 +321 Hz
2022-09-25	Sunday	03:30	107°	+23°	0 dB	0°	107°	+23°	241°	+7°	2.5dB	SUN!	390538 +306 Hz
2022-09-25	Sunday	04:00	113°	+28°	0 dB	0°	113°	+28°	249°	+6°	2.5dB	SUN!	390458 +286 Hz
2022-09-25	Sunday	04:30	119°	+33°	0 dB	0°	119°	+33°	256°	+6°	2.5dB	SUN!	390378 +263 Hz
2022-09-25	Sunday	05:00	127°	+37°	0 dB	0°	127°	+37°	263°	+6°	2.6dB	SUN!	390298 +235 Hz
2022-09-25	Sunday	05:30	135°	+40°	0 dB	0°	135°	+40°	270°	+6°	2.6dB	SUN!	390217 +204 Hz
2022-09-25	Sunday	06:00	144°	+44°	0 dB	0°	144°	+44°	278°	+6°	2.6dB	SUN!	390137 +170 Hz
2022-09-25	Sunday	06:30	153°	+46°	0 dB	0°	153°	+46°	285°	+6°	2.6dB	SUN!	390057 +133 Hz
2022-09-25	Sunday	07:00	164°	+48°	0 dB	0°	164°	+48°	292°	+6°	2.6dB	SUN!	389976 +95 Hz
2022-09-25	Sunday	07:30	175°	+49°	0 dB	0°	175°	+49°	300°	+6°	2.7dB	SUN!	389896 +56 Hz
2022-09-25	Sunday	08:00	186°	+49°	0 dB	0°	186°	+49°	307°	+5°	2.7dB	SUN!	389816 +17 Hz
2022-09-25	Sunday	08:30	197°	+48°	0 dB	0°	197°	+48°	314°	+5°	2.7dB	SUN!	389736 -22 Hz
2022-09-25	Sunday	09:00	207°	+45°	0 dB	0°	207°	+45°	321°	+5°	2.7dB	SUN!	389655 -60 Hz
2022-09-25	Sunday	09:30	217°	+43°	0 dB	0°	217°	+43°	329°	+5°	2.7dB	SUN!	389575 -97 Hz
2022-09-25	Sunday	10:00	225°	+39°	0 dB	0°	225°	+39°	336°	+5°	2.7dB	SUN!	389495 -131 Hz
2022-09-25	Sunday	10:30	233°	+35°	0 dB	0°	233°	+35°	343°	+5°	2.8dB	SUN!	389415 -162 Hz
2022-09-25	Sunday	11:00	240°	+31°	0 dB	0°	240°	+31°	351°	+5°	2.8dB	SUN!	389335 -189 Hz
2022-09-25	Sunday	11:30	246°	+26°	0 dB	0°	246°	+26°	358°	+5°	2.8dB	SUN!	389255 -213 Hz
2022-09-25	Sunday	12:00	252°	+21°	0 dB	0°	252°	+21°	5°	+4°	2.8dB	SUN!	389175 -232 Hz
2022-09-25	Sunday	12:30	258°	+16°	0 dB	0°	258°	+16°	12°	+4°	2.8dB	SUN!	389095 -247 Hz
2022-09-25	Sunday	13:00	263°	+11°	0 dB	0°	263°	+11°	20°	+4°	2.9dB	SUN!	389015 -257 Hz
2022-09-25	Sunday	13:30	269°	+6°	0 dB	0°	269°	+6°	27°	+4°	2.9dB	SUN!	388935 -262 Hz
2022-09-25	Sunday	14:00	274°	+1°	0 dB	0°	274°	+1°	34°	+4°	2.9dB	SUN!	388855 -263 Hz
2022-09-26	Monday	02:30	092°	+2°	0 dB	0°	092°	+2°	216°	+1°	3.3dB	SUN!	386875 +337 Hz
2022-09-26	Monday	03:00	097°	+7°	0 dB	0°	097°	+7°	224°	+1°	3.4dB	SUN!	386796 +334 Hz
2022-09-26	Monday	03:30	103°	+12°	0 dB	0°	103°	+12°	231°	+1°	3.4dB	SUN!	386718 +325 Hz
2022-09-26	Monday	04:00	108°	+17°	0 dB	0°	108°	+17°	238°	+0°	3.4dB	SUN!	386640 +312 Hz
2022-09-26	Monday	04:30	114°	+21°	0 dB	0°	114°	+21°	245°	+0°	3.4dB	SUN!	386562 +295 Hz
2022-09-26	Monday	05:00	121°	+26°	0 dB	0°	121°	+26°	253°	+0°	3.4dB	SUN!	386484 +273 Hz
2022-09-26	Monday	05:30	128°	+30°	0 dB	0°	128°	+30°	260°	+0°	3.4dB	SUN!	386406 +246 Hz
2022-09-26	Monday	06:00	135°	+33°	0 dB	0°	135°	+33°	267°	-0°	3.4dB	SUN!	386329 +217 Hz
2022-09-26	Monday	06:30	143°	+37°	0 dB	0°	143°	+37°	274°	-0°	3.4dB	SUN!	386251 +184 Hz
2022-09-26	Monday	07:00	152°	+39°	0 dB	0°	152°	+39°	282°	-0°	3.4dB	SUN!	386173 +148 Hz
2022-09-26	Monday	07:30	161°	+41°	0 dB	0°	161°	+41°	289°	-0°	3.4dB	SUN!	386096 +111 Hz
2022-09-26	Monday	08:00	171°	+42°	0 dB	0°	171°	+42°	296°	-1°	3.4dB	SUN!	386018 +72 Hz
2022-09-26	Monday	08:30	181°	+43°	0 dB	0°	181°	+43°	304°	-1°	3.4dB	SUN!	385941 +32 Hz
2022-09-26	Monday	09:00	191°	+42°	0 dB	0°	191°	+42°	311°	-1°	3.4dB	SUN!	385864 -7 Hz
2022-09-26	Monday	09:30	200°	+41°	0 dB	0°	200°	+41°	318°	-1°	3.4dB	SUN!	385787 -46 Hz
2022-09-26	Monday	10:00	209°	+38°	0 dB	0°	209°	+38°	325°	-1°	3.4dB	SUN!	385710 -83 Hz
2022-09-26	Monday	10:30	218°	+35°	0 dB	0°	218°	+35°	333°	-1°	3.4dB	SUN!	385633 -118 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-09-26	Monday	11:00	226°	+32°	0 dB	0°	226°	+32°	340°	-1°	3.4dB	SUN!	385557 -150 Hz
2022-09-26	Monday	11:30	233°	+28°	0 dB	0°	233°	+28°	347°	-1°	3.4dB	SUN!	385480 -179 Hz
2022-09-26	Monday	12:00	239°	+24°	0 dB	0°	239°	+24°	355°	-2°	3.4dB	SUN!	385403 -205 Hz
2022-09-26	Monday	12:30	245°	+19°	0 dB	0°	245°	+19°	2°	-2°	3.4dB	SUN!	385327 -226 Hz
2022-09-26	Monday	13:00	251°	+14°	0 dB	0°	251°	+14°	9°	-2°	3.4dB	313°K	385251 -243 Hz
2022-09-26	Monday	13:30	257°	+9°	0 dB	0°	257°	+9°	16°	-2°	3.4dB	313°K	385175 -255 Hz
2022-09-26	Monday	14:00	262°	+4°	0 dB	0°	262°	+4°	24°	-2°	3.4dB	313°K	385099 -262 Hz
2022-09-27	Tuesday	03:30	099°	+0°	0 dB	0°	099°	+0°	220°	-5°	3.2dB	309°K	383095 +330 Hz
2022-09-27	Tuesday	04:00	104°	+5°	0 dB	0°	104°	+5°	227°	-6°	3.2dB	309°K	383023 +324 Hz
2022-09-27	Tuesday	04:30	110°	+10°	0 dB	0°	110°	+10°	235°	-6°	3.2dB	308°K	382951 +313 Hz
2022-09-27	Tuesday	05:00	116°	+14°	0 dB	0°	116°	+14°	242°	-6°	3.2dB	308°K	382879 +298 Hz
2022-09-27	Tuesday	05:30	122°	+19°	0 dB	0°	122°	+19°	249°	-6°	3.2dB	308°K	382807 +278 Hz
2022-09-27	Tuesday	06:00	128°	+23°	0 dB	0°	128°	+23°	256°	-6°	3.2dB	307°K	382735 +253 Hz
2022-09-27	Tuesday	06:30	135°	+26°	0 dB	0°	135°	+26°	264°	-6°	3.2dB	307°K	382664 +226 Hz
2022-09-27	Tuesday	07:00	142°	+30°	0 dB	0°	142°	+30°	271°	-6°	3.2dB	307°K	382593 +194 Hz
2022-09-27	Tuesday	07:30	150°	+32°	0 dB	0°	150°	+32°	278°	-6°	3.2dB	306°K	382522 +160 Hz
2022-09-27	Tuesday	08:00	159°	+34°	0 dB	0°	159°	+34°	285°	-7°	3.2dB	306°K	382451 +124 Hz
2022-09-27	Tuesday	08:30	167°	+36°	0 dB	0°	167°	+36°	293°	-7°	3.2dB	306°K	382380 +86 Hz
2022-09-27	Tuesday	09:00	176°	+36°	0 dB	0°	176°	+36°	300°	-7°	3.2dB	306°K	382309 +47 Hz
2022-09-27	Tuesday	09:30	185°	+36°	0 dB	0°	185°	+36°	307°	-7°	3.1dB	305°K	382239 +8 Hz
2022-09-27	Tuesday	10:00	194°	+35°	0 dB	0°	194°	+35°	315°	-7°	3.1dB	305°K	382168 -30 Hz
2022-09-27	Tuesday	10:30	203°	+33°	0 dB	0°	203°	+33°	322°	-7°	3.1dB	305°K	382098 -68 Hz
2022-09-27	Tuesday	11:00	211°	+31°	0 dB	0°	211°	+31°	329°	-7°	3.1dB	304°K	382028 -103 Hz
2022-09-27	Tuesday	11:30	219°	+28°	0 dB	0°	219°	+28°	336°	-7°	3.1dB	304°K	381958 -136 Hz
2022-09-27	Tuesday	12:00	226°	+24°	0 dB	0°	226°	+24°	344°	-8°	3.1dB	304°K	381889 -167 Hz
2022-09-27	Tuesday	12:30	232°	+21°	0 dB	0°	232°	+21°	351°	-8°	3.1dB	305°K	381819 -193 Hz
2022-09-27	Tuesday	13:00	238°	+16°	0 dB	0°	238°	+16°	358°	-8°	3.1dB	306°K	381750 -216 Hz
2022-09-27	Tuesday	13:30	244°	+12°	0 dB	0°	244°	+12°	5°	-8°	3.1dB	307°K	381681 -235 Hz
2022-09-27	Tuesday	14:00	250°	+7°	0 dB	0°	250°	+7°	13°	-8°	3.1dB	307°K	381612 -249 Hz
2022-09-27	Tuesday	14:30	255°	+2°	0 dB	0°	255°	+2°	20°	-8°	3.2dB	308°K	381543 -259 Hz
2022-09-28	Wednesday	05:00	111°	+2°	0 dB	0°	111°	+2°	231°	-12°	3.3dB	332°K	379624 +309 Hz
2022-09-28	Wednesday	05:30	116°	+7°	0 dB	0°	116°	+7°	238°	-12°	3.3dB	333°K	379561 +296 Hz
2022-09-28	Wednesday	06:00	122°	+11°	0 dB	0°	122°	+11°	245°	-12°	3.4dB	334°K	379497 +279 Hz
2022-09-28	Wednesday	06:30	128°	+15°	0 dB	0°	128°	+15°	252°	-12°	3.4dB	336°K	379434 +257 Hz
2022-09-28	Wednesday	07:00	134°	+19°	0 dB	0°	134°	+19°	260°	-12°	3.4dB	337°K	379372 +232 Hz
2022-09-28	Wednesday	07:30	141°	+22°	0 dB	0°	141°	+22°	267°	-12°	3.4dB	338°K	379309 +203 Hz
2022-09-28	Wednesday	08:00	148°	+25°	0 dB	0°	148°	+25°	274°	-12°	3.4dB	339°K	379247 +171 Hz
2022-09-28	Wednesday	08:30	156°	+27°	0 dB	0°	156°	+27°	281°	-13°	3.4dB	340°K	379184 +137 Hz
2022-09-28	Wednesday	09:00	164°	+29°	0 dB	0°	164°	+29°	289°	-13°	3.4dB	342°K	379122 +101 Hz
2022-09-28	Wednesday	09:30	172°	+30°	0 dB	0°	172°	+30°	296°	-13°	3.4dB	343°K	379060 +64 Hz
2022-09-28	Wednesday	10:00	180°	+30°	0 dB	0°	180°	+30°	303°	-13°	3.4dB	344°K	378999 +26 Hz
2022-09-28	Wednesday	10:30	188°	+30°	0 dB	0°	188°	+30°	310°	-13°	3.4dB	345°K	378937 -12 Hz
2022-09-28	Wednesday	11:00	197°	+29°	0 dB	0°	197°	+29°	318°	-13°	3.5dB	347°K	378876 -49 Hz
2022-09-28	Wednesday	11:30	204°	+27°	0 dB	0°	204°	+27°	325°	-13°	3.5dB	348°K	378815 -85 Hz
2022-09-28	Wednesday	12:00	212°	+24°	0 dB	0°	212°	+24°	332°	-13°	3.5dB	349°K	378754 -119 Hz
2022-09-28	Wednesday	12:30	219°	+21°	0 dB	0°	219°	+21°	339°	-13°	3.5dB	350°K	378693 -150 Hz
2022-09-28	Wednesday	13:00	225°	+18°	0 dB	0°	225°	+18°	347°	-14°	3.5dB	351°K	378632 -178 Hz
2022-09-28	Wednesday	13:30	231°	+14°	0 dB	0°	231°	+14°	354°	-14°	3.5dB	353°K	378572 -202 Hz
2022-09-28	Wednesday	14:00	237°	+10°	0 dB	0°	237°	+10°	1°	-14°	3.5dB	354°K	378512 -223 Hz
2022-09-28	Wednesday	14:30	243°	+5°	0 dB	0°	243°	+5°	9°	-14°	3.5dB	355°K	378452 -239 Hz
2022-09-28	Wednesday	15:00	248°	+0°	0 dB	0°	248°	+0°	16°	-14°	3.5dB	356°K	378392 -251 Hz
2022-09-29	Thursday	06:00	116°	-0°	0 dB	0°	116°	-0°	233°	-17°	3.8dB	390°K	376691 +292 Hz
2022-09-29	Thursday	06:30	122°	+4°	0 dB	0°	122°	+4°	240°	-17°	3.8dB	391°K	376637 +278 Hz
2022-09-29	Thursday	07:00	127°	+8°	0 dB	0°	127°	+8°	248°	-18°	3.8dB	392°K	376584 +260 Hz
2022-09-29	Thursday	07:30	133°	+12°	0 dB	0°	133°	+12°	255°	-18°	3.8dB	393°K	376531 +237 Hz
2022-09-29	Thursday	08:00	140°	+15°	0 dB	0°	140°	+15°	262°	-18°	3.8dB	394°K	376478 +212 Hz
2022-09-29	Thursday	08:30	146°	+18°	0 dB	0°	146°	+18°	269°	-18°	3.8dB	395°K	376425 +183 Hz
2022-09-29	Thursday	09:00	153°	+21°	0 dB	0°	153°	+21°	277°	-18°	3.8dB	396°K	376372 +151 Hz
2022-09-29	Thursday	09:30	160°	+23°	0 dB	0°	160°	+23°	284°	-18°	3.9dB	397°K	376320 +117 Hz
2022-09-29	Thursday	10:00	168°	+24°	0 dB	0°	168°	+24°	291°	-18°	3.9dB	398°K	376267 +82 Hz
2022-09-29	Thursday	10:30	175°	+25°	0 dB	0°	175°	+25°	298°	-18°	3.9dB	399°K	376215 +46 Hz
2022-09-29	Thursday	11:00	183°	+25°	0 dB	0°	183°	+25°	306°	-18°	3.9dB	400°K	376163 +9 Hz
2022-09-29	Thursday	11:30	190°	+24°	0 dB	0°	190°	+24°	313°	-18°	3.9dB	401°K	376112 -27 Hz
2022-09-29	Thursday	12:00	198°	+23°	0 dB	0°	198°	+23°	320°	-19°	3.9dB	402°K	376060 -63 Hz
2022-09-29	Thursday	12:30	205°	+21°	0 dB	0°	205°	+21°	327°	-19°	3.9dB	403°K	376009 -97 Hz
2022-09-29	Thursday	13:00	212°	+18°	0 dB	0°	212°	+18°	335°	-19°	3.9dB	404°K	375958 -128 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-09-29	Thursday	13:30	218°	+15°	0 dB	0°	218°	+15°	342°	-19°	3.9dB	405°K	375907	-157 Hz
2022-09-29	Thursday	14:00	224°	+12°	0 dB	0°	224°	+12°	349°	-19°	3.9dB	406°K	375856	-183 Hz
2022-09-29	Thursday	14:30	230°	+8°	0 dB	0°	230°	+8°	356°	-19°	3.9dB	407°K	375806	-206 Hz
2022-09-29	Thursday	15:00	236°	+4°	0 dB	0°	236°	+4°	3°	-19°	3.9dB	408°K	375756	-224 Hz
2022-09-29	Thursday	15:30	241°	-0°	0 dB	0°	241°	-0°	11°	-19°	3.9dB	409°K	375706	-239 Hz
2022-09-30	Fri day	07:30	126°	+1°	0 dB	0°	126°	+1°	242°	-22°	4.4dB	474°K	374206	+261 Hz
2022-09-30	Fri day	08:00	131°	+5°	0 dB	0°	131°	+5°	249°	-22°	4.5dB	477°K	374163	+243 Hz
2022-09-30	Fri day	08:30	137°	+9°	0 dB	0°	137°	+9°	256°	-22°	4.5dB	480°K	374119	+221 Hz
2022-09-30	Fri day	09:00	143°	+12°	0 dB	0°	143°	+12°	264°	-22°	4.5dB	485°K	374076	+195 Hz
2022-09-30	Fri day	09:30	149°	+15°	0 dB	0°	149°	+15°	271°	-22°	4.6dB	491°K	374033	+167 Hz
2022-09-30	Fri day	10:00	156°	+17°	0 dB	0°	156°	+17°	278°	-23°	4.6dB	496°K	373990	+136 Hz
2022-09-30	Fri day	10:30	163°	+19°	0 dB	0°	163°	+19°	285°	-23°	4.6dB	501°K	373948	+103 Hz
2022-09-30	Fri day	11:00	170°	+20°	0 dB	0°	170°	+20°	293°	-23°	4.7dB	506°K	373905	+69 Hz
2022-09-30	Fri day	11:30	177°	+20°	0 dB	0°	177°	+20°	300°	-23°	4.7dB	512°K	373863	+34 Hz
2022-09-30	Fri day	12:00	184°	+20°	0 dB	0°	184°	+20°	307°	-23°	4.7dB	517°K	373821	-1 Hz
2022-09-30	Fri day	12:30	191°	+19°	0 dB	0°	191°	+19°	314°	-23°	4.8dB	522°K	373779	-36 Hz
2022-09-30	Fri day	13:00	198°	+18°	0 dB	0°	198°	+18°	321°	-23°	4.8dB	527°K	373737	-70 Hz
2022-09-30	Fri day	13:30	205°	+16°	0 dB	0°	205°	+16°	329°	-23°	4.9dB	533°K	373696	-102 Hz
2022-09-30	Fri day	14:00	211°	+14°	0 dB	0°	211°	+14°	336°	-23°	4.9dB	538°K	373654	-132 Hz
2022-09-30	Fri day	14:30	217°	+11°	0 dB	0°	217°	+11°	343°	-23°	4.9dB	543°K	373613	-160 Hz
2022-09-30	Fri day	15:00	223°	+8°	0 dB	0°	223°	+8°	350°	-23°	5.0dB	549°K	373572	-184 Hz
2022-09-30	Fri day	15:30	229°	+4°	0 dB	0°	229°	+4°	357°	-23°	5.0dB	554°K	373531	-205 Hz
2022-09-30	Fri day	16:00	234°	-0°	0 dB	0°	234°	-0°	5°	-23°	5.0dB	559°K	373491	-222 Hz
2022-10-01	Saturday	09:00	134°	+3°	0 dB	0°	134°	+3°	250°	-26°	6.9dB	899°K	372224	+231 Hz
2022-10-01	Saturday	09:30	139°	+6°	0 dB	0°	139°	+6°	257°	-26°	7.0dB	930°K	372190	+209 Hz
2022-10-01	Saturday	10:00	145°	+9°	0 dB	0°	145°	+9°	264°	-26°	7.1dB	961°K	372156	+185 Hz
2022-10-01	Saturday	10:30	151°	+12°	0 dB	0°	151°	+12°	271°	-26°	7.3dB	993°K	372123	+157 Hz
2022-10-01	Saturday	11:00	157°	+14°	0 dB	0°	157°	+14°	279°	-26°	7.4dB	1024°K	372089	+127 Hz
2022-10-01	Saturday	11:30	164°	+16°	0 dB	0°	164°	+16°	286°	-26°	7.5dB	1056°K	372056	+95 Hz
2022-10-01	Saturday	12:00	171°	+17°	0 dB	0°	171°	+17°	293°	-26°	7.7dB	1088°K	372023	+62 Hz
2022-10-01	Saturday	12:30	177°	+17°	0 dB	0°	177°	+17°	300°	-26°	7.8dB	1119°K	371990	+28 Hz
2022-10-01	Saturday	13:00	184°	+17°	0 dB	0°	184°	+17°	307°	-26°	7.9dB	1151°K	371957	-6 Hz
2022-10-01	Saturday	13:30	191°	+16°	0 dB	0°	191°	+16°	315°	-26°	8.0dB	1182°K	371925	-40 Hz
2022-10-01	Saturday	14:00	198°	+15°	0 dB	0°	198°	+15°	322°	-26°	8.1dB	1214°K	371893	-72 Hz
2022-10-01	Saturday	14:30	204°	+13°	0 dB	0°	204°	+13°	329°	-26°	8.2dB	1246°K	371860	-104 Hz
2022-10-01	Saturday	15:00	210°	+11°	0 dB	0°	210°	+11°	336°	-26°	8.3dB	1278°K	371829	-133 Hz
2022-10-01	Saturday	15:30	216°	+8°	0 dB	0°	216°	+8°	343°	-26°	8.4dB	1309°K	371797	-159 Hz
2022-10-01	Saturday	16:00	222°	+5°	0 dB	0°	222°	+5°	351°	-26°	8.5dB	1341°K	371765	-183 Hz
2022-10-01	Saturday	16:30	227°	+1°	0 dB	0°	227°	+1°	358°	-26°	8.6dB	1373°K	371734	-203 Hz
2022-10-02	Sunday	10:00	134°	+1°	0 dB	0°	134°	+1°	250°	-27°	11.9dB	3053°K	370755	+225 Hz
2022-10-02	Sunday	10:30	140°	+5°	0 dB	0°	140°	+5°	257°	-27°	11.8dB	3000°K	370730	+204 Hz
2022-10-02	Sunday	11:00	146°	+8°	0 dB	0°	146°	+8°	264°	-27°	11.8dB	2946°K	370706	+180 Hz
2022-10-02	Sunday	11:30	151°	+10°	0 dB	0°	151°	+10°	271°	-27°	11.7dB	2893°K	370682	+153 Hz
2022-10-02	Sunday	12:00	158°	+12°	0 dB	0°	158°	+12°	278°	-27°	11.6dB	2839°K	370658	+123 Hz
2022-10-02	Sunday	12:30	164°	+14°	0 dB	0°	164°	+14°	286°	-27°	11.5dB	2785°K	370634	+92 Hz
2022-10-02	Sunday	13:00	170°	+15°	0 dB	0°	170°	+15°	293°	-27°	11.4dB	2731°K	370610	+60 Hz
2022-10-02	Sunday	13:30	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	11.4dB	2678°K	370587	+26 Hz
2022-10-02	Sunday	14:00	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	11.3dB	2624°K	370564	-7 Hz
2022-10-02	Sunday	14:30	190°	+15°	0 dB	0°	190°	+15°	314°	-27°	11.2dB	2570°K	370541	-40 Hz
2022-10-02	Sunday	15:00	197°	+14°	0 dB	0°	197°	+14°	321°	-27°	11.1dB	2516°K	370518	-73 Hz
2022-10-02	Sunday	15:30	203°	+12°	0 dB	0°	203°	+12°	329°	-27°	11.0dB	2463°K	370495	-104 Hz
2022-10-02	Sunday	16:00	209°	+10°	0 dB	0°	209°	+10°	336°	-27°	10.9dB	2409°K	370473	-133 Hz
2022-10-02	Sunday	16:30	215°	+7°	0 dB	0°	215°	+7°	343°	-27°	10.8dB	2355°K	370451	-159 Hz
2022-10-02	Sunday	17:00	221°	+4°	0 dB	0°	221°	+4°	350°	-27°	10.7dB	2301°K	370429	-183 Hz
2022-10-02	Sunday	17:30	226°	+1°	0 dB	0°	226°	+1°	357°	-27°	10.6dB	2247°K	370407	-203 Hz
2022-10-03	Monday	11:00	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	5.9dB	725°K	369772	+223 Hz
2022-10-03	Monday	11:30	139°	+5°	0 dB	0°	139°	+5°	256°	-27°	5.8dB	709°K	369757	+202 Hz
2022-10-03	Monday	12:00	145°	+8°	0 dB	0°	145°	+8°	263°	-27°	5.7dB	694°K	369743	+179 Hz
2022-10-03	Monday	12:30	151°	+10°	0 dB	0°	151°	+10°	271°	-27°	5.6dB	679°K	369729	+152 Hz
2022-10-03	Monday	13:00	157°	+13°	0 dB	0°	157°	+13°	278°	-27°	5.5dB	663°K	369716	+123 Hz
2022-10-03	Monday	13:30	163°	+14°	0 dB	0°	163°	+14°	285°	-27°	5.4dB	648°K	369702	+92 Hz
2022-10-03	Monday	14:00	170°	+16°	0 dB	0°	170°	+16°	292°	-27°	5.4dB	633°K	369689	+59 Hz
2022-10-03	Monday	14:30	177°	+16°	0 dB	0°	177°	+16°	299°	-27°	5.3dB	618°K	369676	+26 Hz
2022-10-03	Monday	15:00	183°	+16°	0 dB	0°	183°	+16°	307°	-27°	5.2dB	602°K	369663	-8 Hz
2022-10-03	Monday	15:30	190°	+16°	0 dB	0°	190°	+16°	314°	-27°	5.1dB	587°K	369651	-42 Hz
2022-10-03	Monday	16:00	197°	+14°	0 dB	0°	197°	+14°	321°	-27°	4.9dB	572°K	369638	-74 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-10-03	Monday	16:30	203°	+13°	0 dB	0°	203°	+13°	328°	-27°	4.8dB	556°K	369626	-106 Hz
2022-10-03	Monday	17:00	209°	+11°	0 dB	0°	209°	+11°	335°	-27°	4.7dB	541°K	369614	-135 Hz
2022-10-03	Monday	17:30	215°	+8°	0 dB	0°	215°	+8°	342°	-27°	4.6dB	526°K	369603	-162 Hz
2022-10-03	Monday	18:00	221°	+5°	0 dB	0°	221°	+5°	350°	-27°	4.6dB	517°K	369591	-186 Hz
2022-10-03	Monday	18:30	226°	+2°	0 dB	0°	226°	+2°	357°	-27°	4.5dB	510°K	369580	-207 Hz
2022-10-04	Tuesday	12:00	132°	+3°	0 dB	0°	132°	+3°	249°	-25°	3.0dB	344°K	369338	+224 Hz
2022-10-04	Tuesday	12:30	138°	+6°	0 dB	0°	138°	+6°	256°	-25°	3.0dB	342°K	369336	+203 Hz
2022-10-04	Tuesday	13:00	144°	+10°	0 dB	0°	144°	+10°	263°	-25°	2.9dB	340°K	369334	+179 Hz
2022-10-04	Tuesday	13:30	150°	+12°	0 dB	0°	150°	+12°	270°	-25°	2.9dB	338°K	369332	+152 Hz
2022-10-04	Tuesday	14:00	156°	+15°	0 dB	0°	156°	+15°	278°	-25°	2.9dB	336°K	369330	+122 Hz
2022-10-04	Tuesday	14:30	163°	+17°	0 dB	0°	163°	+17°	285°	-25°	2.9dB	334°K	369329	+90 Hz
2022-10-04	Tuesday	15:00	169°	+18°	0 dB	0°	169°	+18°	292°	-25°	2.9dB	333°K	369328	+57 Hz
2022-10-04	Tuesday	15:30	176°	+19°	0 dB	0°	176°	+19°	299°	-24°	2.8dB	331°K	369327	+23 Hz
2022-10-04	Tuesday	16:00	183°	+19°	0 dB	0°	183°	+19°	306°	-24°	2.8dB	329°K	369326	-12 Hz
2022-10-04	Tuesday	16:30	190°	+18°	0 dB	0°	190°	+18°	314°	-24°	2.8dB	327°K	369326	-47 Hz
2022-10-04	Tuesday	17:00	197°	+17°	0 dB	0°	197°	+17°	321°	-24°	2.8dB	326°K	369326	-80 Hz
2022-10-04	Tuesday	17:30	204°	+15°	0 dB	0°	204°	+15°	328°	-24°	2.8dB	326°K	369326	-113 Hz
2022-10-04	Tuesday	18:00	210°	+13°	0 dB	0°	210°	+13°	335°	-24°	2.8dB	326°K	369327	-143 Hz
2022-10-04	Tuesday	18:30	216°	+10°	0 dB	0°	216°	+10°	342°	-24°	2.8dB	326°K	369328	-171 Hz
2022-10-04	Tuesday	19:00	222°	+7°	0 dB	0°	222°	+7°	350°	-24°	2.8dB	326°K	369329	-196 Hz
2022-10-04	Tuesday	19:30	228°	+4°	0 dB	0°	228°	+4°	357°	-24°	2.8dB	326°K	369330	-218 Hz
2022-10-04	Tuesday	20:00	233°	+0°	0 dB	0°	233°	+0°	4°	-24°	2.8dB	326°K	369332	-236 Hz
2022-10-05	Wednesday	12:30	125°	+2°	0 dB	0°	125°	+2°	242°	-21°	2.8dB	326°K	369548	+242 Hz
2022-10-05	Wednesday	13:00	131°	+6°	0 dB	0°	131°	+6°	249°	-21°	2.8dB	326°K	369559	+224 Hz
2022-10-05	Wednesday	13:30	136°	+10°	0 dB	0°	136°	+10°	256°	-21°	2.8dB	326°K	369571	+202 Hz
2022-10-05	Wednesday	14:00	142°	+13°	0 dB	0°	142°	+13°	264°	-21°	2.8dB	326°K	369583	+177 Hz
2022-10-05	Wednesday	14:30	149°	+16°	0 dB	0°	149°	+16°	271°	-21°	2.8dB	326°K	369596	+149 Hz
2022-10-05	Wednesday	15:00	155°	+19°	0 dB	0°	155°	+19°	278°	-21°	2.8dB	326°K	369609	+118 Hz
2022-10-05	Wednesday	15:30	162°	+21°	0 dB	0°	162°	+21°	285°	-21°	2.8dB	326°K	369622	+84 Hz
2022-10-05	Wednesday	16:00	169°	+22°	0 dB	0°	169°	+22°	293°	-20°	2.8dB	326°K	369636	+50 Hz
2022-10-05	Wednesday	16:30	177°	+23°	0 dB	0°	177°	+23°	300°	-20°	2.8dB	326°K	369649	+14 Hz
2022-10-05	Wednesday	17:00	184°	+23°	0 dB	0°	184°	+23°	307°	-20°	2.8dB	326°K	369664	-22 Hz
2022-10-05	Wednesday	17:30	191°	+22°	0 dB	0°	191°	+22°	314°	-20°	2.8dB	325°K	369678	-58 Hz
2022-10-05	Wednesday	18:00	199°	+21°	0 dB	0°	199°	+21°	321°	-20°	2.8dB	324°K	369693	-93 Hz
2022-10-05	Wednesday	18:30	206°	+19°	0 dB	0°	206°	+19°	329°	-20°	2.8dB	323°K	369708	-126 Hz
2022-10-05	Wednesday	19:00	212°	+17°	0 dB	0°	212°	+17°	336°	-20°	2.8dB	321°K	369723	-158 Hz
2022-10-05	Wednesday	19:30	219°	+14°	0 dB	0°	219°	+14°	343°	-20°	2.7dB	320°K	369739	-186 Hz
2022-10-05	Wednesday	20:00	225°	+11°	0 dB	0°	225°	+11°	350°	-20°	2.7dB	319°K	369755	-212 Hz
2022-10-05	Wednesday	20:30	231°	+7°	0 dB	0°	231°	+7°	358°	-20°	2.7dB	318°K	369772	-234 Hz
2022-10-05	Wednesday	21:00	236°	+3°	0 dB	0°	236°	+3°	5°	-20°	2.7dB	317°K	369788	-253 Hz
2022-10-06	Thursday	13:00	118°	+3°	0 dB	0°	118°	+3°	236°	-16°	2.1dB	267°K	370501	+255 Hz
2022-10-06	Thursday	13:30	123°	+7°	0 dB	0°	123°	+7°	243°	-16°	2.1dB	265°K	370529	+240 Hz
2022-10-06	Thursday	14:00	129°	+11°	0 dB	0°	129°	+11°	251°	-16°	2.1dB	263°K	370557	+220 Hz
2022-10-06	Thursday	14:30	135°	+15°	0 dB	0°	135°	+15°	258°	-16°	2.1dB	261°K	370586	+197 Hz
2022-10-06	Thursday	15:00	141°	+19°	0 dB	0°	141°	+19°	265°	-16°	2.0dB	259°K	370615	+170 Hz
2022-10-06	Thursday	15:30	148°	+22°	0 dB	0°	148°	+22°	272°	-16°	2.0dB	257°K	370644	+140 Hz
2022-10-06	Thursday	16:00	155°	+24°	0 dB	0°	155°	+24°	280°	-15°	2.0dB	255°K	370674	+107 Hz
2022-10-06	Thursday	16:30	162°	+26°	0 dB	0°	162°	+26°	287°	-15°	1.9dB	253°K	370704	+72 Hz
2022-10-06	Thursday	17:00	170°	+27°	0 dB	0°	170°	+27°	294°	-15°	1.9dB	252°K	370735	+36 Hz
2022-10-06	Thursday	17:30	178°	+28°	0 dB	0°	178°	+28°	301°	-15°	1.9dB	250°K	370765	-2 Hz
2022-10-06	Thursday	18:00	186°	+28°	0 dB	0°	186°	+28°	309°	-15°	1.9dB	248°K	370796	-39 Hz
2022-10-06	Thursday	18:30	194°	+27°	0 dB	0°	194°	+27°	316°	-15°	1.9dB	246°K	370828	-76 Hz
2022-10-06	Thursday	19:00	202°	+26°	0 dB	0°	202°	+26°	323°	-15°	1.8dB	244°K	370860	-112 Hz
2022-10-06	Thursday	19:30	209°	+24°	0 dB	0°	209°	+24°	330°	-15°	1.8dB	243°K	370892	-146 Hz
2022-10-06	Thursday	20:00	216°	+21°	0 dB	0°	216°	+21°	337°	-14°	1.8dB	243°K	370925	-179 Hz
2022-10-06	Thursday	20:30	223°	+18°	0 dB	0°	223°	+18°	345°	-14°	1.8dB	243°K	370958	-208 Hz
2022-10-06	Thursday	21:00	229°	+14°	0 dB	0°	229°	+14°	352°	-14°	1.8dB	243°K	370991	-234 Hz
2022-10-06	Thursday	21:30	235°	+11°	0 dB	0°	235°	+11°	359°	-14°	1.8dB	243°K	371024	-256 Hz
2022-10-06	Thursday	22:00	241°	+6°	0 dB	0°	241°	+6°	6°	-14°	1.8dB	243°K	371058	-274 Hz
2022-10-06	Thursday	22:30	247°	+2°	0 dB	0°	247°	+2°	14°	-14°	1.8dB	243°K	371093	-288 Hz
2022-10-07	Fri day	13:30	110°	+4°	0 dB	0°	110°	+4°	231°	-10°	1.9dB	242°K	372294	+262 Hz
2022-10-07	Fri day	14:00	116°	+9°	0 dB	0°	116°	+9°	238°	-10°	1.9dB	241°K	372339	+250 Hz
2022-10-07	Fri day	14:30	121°	+13°	0 dB	0°	121°	+13°	246°	-10°	1.9dB	241°K	372385	+233 Hz
2022-10-07	Fri day	15:00	127°	+18°	0 dB	0°	127°	+18°	253°	-10°	1.9dB	241°K	372432	+211 Hz
2022-10-07	Fri day	15:30	134°	+21°	0 dB	0°	134°	+21°	260°	-10°	1.9dB	241°K	372479	+186 Hz
2022-10-07	Fri day	16:00	140°	+25°	0 dB	0°	140°	+25°	267°	-10°	1.9dB	241°K	372526	+157 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDx	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-07	Fri day	16: 30	148°	+28°	0 dB	0°	148°	+28°	275°	-9°	1. 9dB	241°K	372573 +125 Hz
2022-10-07	Fri day	17: 00	155°	+31°	0 dB	0°	155°	+31°	282°	-9°	1. 9dB	241°K	372621 +90 Hz
2022-10-07	Fri day	17: 30	164°	+33°	0 dB	0°	164°	+33°	289°	-9°	1. 9dB	240°K	372669 +53 Hz
2022-10-07	Fri day	18: 00	172°	+34°	0 dB	0°	172°	+34°	296°	-9°	1. 9dB	240°K	372718 +15 Hz
2022-10-07	Fri day	18: 30	181°	+34°	0 dB	0°	181°	+34°	304°	-9°	1. 9dB	240°K	372767 -23 Hz
2022-10-07	Fri day	19: 00	190°	+34°	0 dB	0°	190°	+34°	311°	-9°	1. 9dB	240°K	372816 -62 Hz
2022-10-07	Fri day	19: 30	198°	+33°	0 dB	0°	198°	+33°	318°	-9°	1. 9dB	240°K	372866 -100 Hz
2022-10-07	Fri day	20: 00	206°	+31°	0 dB	0°	206°	+31°	325°	-9°	1. 9dB	240°K	372916 -137 Hz
2022-10-07	Fri day	20: 30	214°	+29°	0 dB	0°	214°	+29°	333°	-8°	1. 9dB	239°K	372967 -171 Hz
2022-10-07	Fri day	21: 00	222°	+26°	0 dB	0°	222°	+26°	340°	-8°	1. 9dB	239°K	373018 -203 Hz
2022-10-07	Fri day	21: 30	229°	+22°	0 dB	0°	229°	+22°	347°	-8°	1. 9dB	239°K	373069 -232 Hz
2022-10-07	Fri day	22: 00	235°	+18°	0 dB	0°	235°	+18°	354°	-8°	1. 9dB	239°K	373120 -257 Hz
2022-10-07	Fri day	22: 30	241°	+14°	0 dB	0°	241°	+14°	2°	-8°	1. 9dB	239°K	373172 -279 Hz
2022-10-07	Fri day	23: 00	247°	+10°	0 dB	0°	247°	+10°	9°	-8°	1. 9dB	239°K	373225 -296 Hz
2022-10-07	Fri day	23: 30	253°	+5°	0 dB	0°	253°	+5°	16°	-8°	1. 9dB	239°K	373277 -308 Hz
2022-10-08	Saturday	00: 00	258°	+0°	0 dB	0°	258°	+0°	23°	-7°	1. 9dB	239°K	373330 -316 Hz
2022-10-08	Saturday	13: 30	097°	+1°	0 dB	0°	097°	+1°	220°	-4°	2. 0dB	243°K	374897 +270 Hz
2022-10-08	Saturday	14: 00	103°	+6°	0 dB	0°	103°	+6°	227°	-4°	2. 0dB	244°K	374960 +264 Hz
2022-10-08	Saturday	14: 30	108°	+11°	0 dB	0°	108°	+11°	234°	-4°	2. 0dB	245°K	375023 +254 Hz
2022-10-08	Saturday	15: 00	114°	+16°	0 dB	0°	114°	+16°	241°	-4°	2. 0dB	245°K	375087 +239 Hz
2022-10-08	Saturday	15: 30	119°	+20°	0 dB	0°	119°	+20°	249°	-3°	2. 1dB	246°K	375151 +220 Hz
2022-10-08	Saturday	16: 00	126°	+25°	0 dB	0°	126°	+25°	256°	-3°	2. 1dB	246°K	375215 +196 Hz
2022-10-08	Saturday	16: 30	133°	+29°	0 dB	0°	133°	+29°	263°	-3°	2. 1dB	247°K	375280 +168 Hz
2022-10-08	Saturday	17: 00	140°	+32°	0 dB	0°	140°	+32°	270°	-3°	2. 1dB	248°K	375345 +137 Hz
2022-10-08	Saturday	17: 30	148°	+35°	0 dB	0°	148°	+35°	278°	-3°	2. 1dB	248°K	375410 +103 Hz
2022-10-08	Saturday	18: 00	157°	+38°	0 dB	0°	157°	+38°	285°	-3°	2. 1dB	249°K	375476 +67 Hz
2022-10-08	Saturday	18: 30	166°	+40°	0 dB	0°	166°	+40°	292°	-3°	2. 1dB	249°K	375542 +29 Hz
2022-10-08	Saturday	19: 00	175°	+41°	0 dB	0°	175°	+41°	299°	-2°	2. 1dB	250°K	375608 -10 Hz
2022-10-08	Saturday	19: 30	185°	+41°	0 dB	0°	185°	+41°	307°	-2°	2. 1dB	251°K	375675 -49 Hz
2022-10-08	Saturday	20: 00	194°	+40°	0 dB	0°	194°	+40°	314°	-2°	2. 2dB	251°K	375742 -89 Hz
2022-10-08	Saturday	20: 30	204°	+39°	0 dB	0°	204°	+39°	321°	-2°	2. 2dB	252°K	375809 -127 Hz
2022-10-08	Saturday	21: 00	213°	+36°	0 dB	0°	213°	+36°	328°	-2°	2. 2dB	252°K	375877 -163 Hz
2022-10-08	Saturday	21: 30	221°	+33°	0 dB	0°	221°	+33°	336°	-2°	2. 2dB	253°K	375945 -197 Hz
2022-10-08	Saturday	22: 00	228°	+30°	0 dB	0°	228°	+30°	343°	-2°	2. 2dB	254°K	376013 -228 Hz
2022-10-08	Saturday	22: 30	235°	+26°	0 dB	0°	235°	+26°	350°	-2°	2. 2dB	254°K	376082 -256 Hz
2022-10-08	Saturday	23: 00	242°	+22°	0 dB	0°	242°	+22°	358°	-1°	2. 2dB	255°K	376151 -280 Hz
2022-10-08	Saturday	23: 30	248°	+17°	0 dB	0°	248°	+17°	5°	-1°	2. 2dB	255°K	376220 -300 Hz
2022-10-09	Sunday	00: 00	254°	+13°	0 dB	0°	254°	+13°	12°	-1°	2. 2dB	256°K	376290 -315 Hz
2022-10-09	Sunday	00: 30	259°	+8°	0 dB	0°	259°	+8°	19°	-1°	2. 3dB	257°K	376360 -325 Hz
2022-10-09	Sunday	01: 00	265°	+3°	0 dB	0°	265°	+3°	27°	-1°	2. 3dB	257°K	376430 -331 Hz
2022-10-09	Sunday	14: 00	090°	+3°	0 dB	0°	090°	+3°	216°	+3°	2. 6dB	272°K	378366 +264 Hz
2022-10-09	Sunday	14: 30	095°	+8°	0 dB	0°	095°	+8°	223°	+3°	2. 6dB	273°K	378445 +261 Hz
2022-10-09	Sunday	15: 00	101°	+13°	0 dB	0°	101°	+13°	230°	+3°	2. 6dB	274°K	378523 +253 Hz
2022-10-09	Sunday	15: 30	106°	+18°	0 dB	0°	106°	+18°	237°	+3°	2. 6dB	274°K	378602 +241 Hz
2022-10-09	Sunday	16: 00	112°	+23°	0 dB	0°	112°	+23°	245°	+3°	2. 6dB	275°K	378681 +223 Hz
2022-10-09	Sunday	16: 30	118°	+28°	0 dB	0°	118°	+28°	252°	+3°	2. 6dB	275°K	378761 +202 Hz
2022-10-09	Sunday	17: 00	125°	+32°	0 dB	0°	125°	+32°	259°	+3°	2. 6dB	276°K	378841 +176 Hz
2022-10-09	Sunday	17: 30	132°	+36°	0 dB	0°	132°	+36°	266°	+3°	2. 6dB	277°K	378921 +147 Hz
2022-10-09	Sunday	18: 00	140°	+40°	0 dB	0°	140°	+40°	274°	+4°	2. 7dB	277°K	379001 +114 Hz
2022-10-09	Sunday	18: 30	149°	+43°	0 dB	0°	149°	+43°	281°	+4°	2. 7dB	278°K	379082 +79 Hz
2022-10-09	Sunday	19: 00	159°	+45°	0 dB	0°	159°	+45°	288°	+4°	2. 7dB	278°K	379163 +41 Hz
2022-10-09	Sunday	19: 30	169°	+47°	0 dB	0°	169°	+47°	295°	+4°	2. 7dB	279°K	379244 +3 Hz
2022-10-09	Sunday	20: 00	180°	+47°	0 dB	0°	180°	+47°	303°	+4°	2. 7dB	279°K	379325 -37 Hz
2022-10-09	Sunday	20: 30	190°	+47°	0 dB	0°	190°	+47°	310°	+4°	2. 7dB	280°K	379407 -76 Hz
2022-10-09	Sunday	21: 00	201°	+46°	0 dB	0°	201°	+46°	317°	+4°	2. 7dB	281°K	379489 -115 Hz
2022-10-09	Sunday	21: 30	211°	+44°	0 dB	0°	211°	+44°	325°	+4°	2. 7dB	281°K	379571 -152 Hz
2022-10-09	Sunday	22: 00	220°	+41°	0 dB	0°	220°	+41°	332°	+5°	2. 7dB	282°K	379653 -188 Hz
2022-10-09	Sunday	22: 30	228°	+37°	0 dB	0°	228°	+37°	339°	+5°	2. 7dB	282°K	379736 -220 Hz
2022-10-09	Sunday	23: 00	236°	+34°	0 dB	0°	236°	+34°	346°	+5°	2. 8dB	283°K	379819 -250 Hz
2022-10-09	Sunday	23: 30	243°	+29°	0 dB	0°	243°	+29°	354°	+5°	2. 8dB	284°K	379902 -276 Hz
2022-10-10	Monday	00: 00	249°	+25°	0 dB	0°	249°	+25°	1°	+5°	2. 8dB	284°K	379985 -298 Hz
2022-10-10	Monday	00: 30	255°	+20°	0 dB	0°	255°	+20°	8°	+5°	2. 8dB	285°K	380069 -315 Hz
2022-10-10	Monday	01: 00	261°	+15°	0 dB	0°	261°	+15°	15°	+5°	2. 8dB	285°K	380152 -328 Hz
2022-10-10	Monday	01: 30	266°	+10°	0 dB	0°	266°	+10°	23°	+5°	2. 8dB	286°K	380237 -336 Hz
2022-10-10	Monday	02: 00	272°	+5°	0 dB	0°	272°	+5°	30°	+6°	2. 8dB	287°K	380321 -339 Hz
2022-10-10	Monday	02: 30	277°	+0°	0 dB	0°	277°	+0°	37°	+6°	2. 8dB	287°K	380405 -338 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-10	Monday	14: 30	083°	+4°	0 dB	0°	083°	+4°	212°	+9°	3. 1dB	298°K	382498 +255 Hz
2022-10-10	Monday	15: 00	088°	+10°	0 dB	0°	088°	+10°	219°	+9°	3. 1dB	299°K	382587 +255 Hz
2022-10-10	Monday	15: 30	093°	+15°	0 dB	0°	093°	+15°	226°	+9°	3. 1dB	299°K	382677 +249 Hz
2022-10-10	Monday	16: 00	099°	+20°	0 dB	0°	099°	+20°	233°	+9°	3. 1dB	299°K	382767 +239 Hz
2022-10-10	Monday	16: 30	104°	+25°	0 dB	0°	104°	+25°	241°	+9°	3. 1dB	299°K	382857 +224 Hz
2022-10-10	Monday	17: 00	110°	+30°	0 dB	0°	110°	+30°	248°	+9°	3. 1dB	300°K	382947 +205 Hz
2022-10-10	Monday	17: 30	116°	+35°	0 dB	0°	116°	+35°	255°	+9°	3. 1dB	300°K	383038 +182 Hz
2022-10-10	Monday	18: 00	124°	+39°	0 dB	0°	124°	+39°	263°	+10°	3. 1dB	300°K	383128 +154 Hz
2022-10-10	Monday	18: 30	131°	+43°	0 dB	0°	131°	+43°	270°	+10°	3. 1dB	301°K	383219 +124 Hz
2022-10-10	Monday	19: 00	140°	+47°	0 dB	0°	140°	+47°	277°	+10°	3. 1dB	301°K	383310 +90 Hz
2022-10-10	Monday	19: 30	150°	+50°	0 dB	0°	150°	+50°	284°	+10°	3. 2dB	301°K	383401 +54 Hz
2022-10-10	Monday	20: 00	161°	+52°	0 dB	0°	161°	+52°	292°	+10°	3. 2dB	301°K	383492 +16 Hz
2022-10-10	Monday	20: 30	173°	+53°	0 dB	0°	173°	+53°	299°	+10°	3. 2dB	302°K	383583 -22 Hz
2022-10-10	Monday	21: 00	185°	+54°	0 dB	0°	185°	+54°	306°	+10°	3. 2dB	302°K	383675 -61 Hz
2022-10-10	Monday	21: 30	197°	+53°	0 dB	0°	197°	+53°	313°	+10°	3. 2dB	302°K	383766 -100 Hz
2022-10-10	Monday	22: 00	209°	+51°	0 dB	0°	209°	+51°	321°	+11°	3. 2dB	303°K	383858 -138 Hz
2022-10-10	Monday	22: 30	219°	+48°	0 dB	0°	219°	+48°	328°	+11°	3. 2dB	303°K	383950 -174 Hz
2022-10-10	Monday	23: 00	228°	+45°	0 dB	0°	228°	+45°	335°	+11°	3. 2dB	303°K	384042 -207 Hz
2022-10-10	Monday	23: 30	236°	+41°	0 dB	0°	236°	+41°	342°	+11°	3. 2dB	304°K	384134 -238 Hz
2022-10-11	Tuesday	00: 00	244°	+36°	0 dB	0°	244°	+36°	350°	+11°	3. 2dB	304°K	384226 -266 Hz
2022-10-11	Tuesday	00: 30	251°	+32°	0 dB	0°	251°	+32°	357°	+11°	3. 2dB	304°K	384318 -289 Hz
2022-10-11	Tuesday	01: 00	257°	+27°	0 dB	0°	257°	+27°	4°	+11°	3. 3dB	306°K	384411 -309 Hz
2022-10-11	Tuesday	01: 30	262°	+22°	0 dB	0°	262°	+22°	12°	+11°	3. 3dB	307°K	384504 -324 Hz
2022-10-11	Tuesday	02: 00	268°	+17°	0 dB	0°	268°	+17°	19°	+11°	3. 3dB	309°K	384596 -334 Hz
2022-10-11	Tuesday	02: 30	273°	+12°	0 dB	0°	273°	+12°	26°	+12°	3. 3dB	310°K	384689 -340 Hz
2022-10-11	Tuesday	03: 00	278°	+7°	0 dB	0°	278°	+7°	33°	+12°	3. 3dB	312°K	384782 -340 Hz
2022-10-11	Tuesday	03: 30	284°	+2°	0 dB	0°	284°	+2°	41°	+12°	3. 4dB	313°K	384875 -336 Hz
2022-10-11	Tuesday	14: 30	071°	+1°	0 dB	0°	071°	+1°	200°	+14°	3. 8dB	346°K	386942 +238 Hz
2022-10-11	Tuesday	15: 00	076°	+6°	0 dB	0°	076°	+6°	208°	+14°	3. 8dB	347°K	387037 +245 Hz
2022-10-11	Tuesday	15: 30	081°	+11°	0 dB	0°	081°	+11°	215°	+15°	3. 9dB	348°K	387131 +247 Hz
2022-10-11	Tuesday	16: 00	086°	+16°	0 dB	0°	086°	+16°	222°	+15°	3. 9dB	349°K	387226 +244 Hz
2022-10-11	Tuesday	16: 30	091°	+21°	0 dB	0°	091°	+21°	229°	+15°	3. 9dB	350°K	387321 +237 Hz
2022-10-11	Tuesday	17: 00	097°	+26°	0 dB	0°	097°	+26°	237°	+15°	3. 9dB	350°K	387416 +225 Hz
2022-10-11	Tuesday	17: 30	102°	+31°	0 dB	0°	102°	+31°	244°	+15°	3. 9dB	351°K	387510 +208 Hz
2022-10-11	Tuesday	18: 00	108°	+36°	0 dB	0°	108°	+36°	251°	+15°	3. 9dB	352°K	387605 +187 Hz
2022-10-11	Tuesday	18: 30	115°	+41°	0 dB	0°	115°	+41°	259°	+15°	3. 9dB	353°K	387700 +162 Hz
2022-10-11	Tuesday	19: 00	122°	+46°	0 dB	0°	122°	+46°	266°	+15°	3. 9dB	353°K	387795 +134 Hz
2022-10-11	Tuesday	19: 30	131°	+50°	0 dB	0°	131°	+50°	273°	+15°	3. 9dB	354°K	387890 +103 Hz
2022-10-11	Tuesday	20: 00	141°	+54°	0 dB	0°	141°	+54°	280°	+15°	4. 0dB	355°K	387984 +69 Hz
2022-10-11	Tuesday	20: 30	152°	+56°	0 dB	0°	152°	+56°	288°	+16°	4. 0dB	356°K	388079 +33 Hz
2022-10-11	Tuesday	21: 00	165°	+58°	0 dB	0°	165°	+58°	295°	+16°	4. 0dB	356°K	388174 -5 Hz
2022-10-11	Tuesday	21: 30	178°	+59°	0 dB	0°	178°	+59°	302°	+16°	4. 0dB	357°K	388269 -43 Hz
2022-10-11	Tuesday	22: 00	192°	+59°	0 dB	0°	192°	+59°	309°	+16°	4. 0dB	358°K	388364 -81 Hz
2022-10-11	Tuesday	22: 30	205°	+57°	0 dB	0°	205°	+57°	317°	+16°	4. 0dB	359°K	388459 -118 Hz
2022-10-11	Tuesday	23: 00	217°	+55°	0 dB	0°	217°	+55°	324°	+16°	4. 0dB	359°K	388553 -154 Hz
2022-10-11	Tuesday	23: 30	228°	+52°	0 dB	0°	228°	+52°	331°	+16°	4. 0dB	360°K	388648 -189 Hz
2022-10-12	Wednesday	00: 00	237°	+48°	0 dB	0°	237°	+48°	338°	+16°	4. 1dB	361°K	388743 -220 Hz
2022-10-12	Wednesday	00: 30	244°	+43°	0 dB	0°	244°	+43°	346°	+16°	4. 1dB	362°K	388838 -249 Hz
2022-10-12	Wednesday	01: 00	251°	+39°	0 dB	0°	251°	+39°	353°	+17°	4. 1dB	362°K	388932 -274 Hz
2022-10-12	Wednesday	01: 30	258°	+34°	0 dB	0°	258°	+34°	0°	+17°	4. 1dB	363°K	389027 -295 Hz
2022-10-12	Wednesday	02: 00	264°	+29°	0 dB	0°	264°	+29°	7°	+17°	4. 1dB	364°K	389122 -312 Hz
2022-10-12	Wednesday	02: 30	269°	+24°	0 dB	0°	269°	+24°	15°	+17°	4. 1dB	365°K	389217 -325 Hz
2022-10-12	Wednesday	03: 00	274°	+19°	0 dB	0°	274°	+19°	22°	+17°	4. 1dB	365°K	389311 -333 Hz
2022-10-12	Wednesday	03: 30	279°	+14°	0 dB	0°	279°	+14°	29°	+17°	4. 1dB	366°K	389406 -336 Hz
2022-10-12	Wednesday	04: 00	285°	+9°	0 dB	0°	285°	+9°	37°	+17°	4. 2dB	367°K	389500 -334 Hz
2022-10-12	Wednesday	04: 30	290°	+4°	0 dB	0°	290°	+4°	44°	+17°	4. 2dB	368°K	389595 -328 Hz
2022-10-12	Wednesday	05: 00	295°	-0°	0 dB	0°	295°	-0°	51°	+17°	4. 2dB	368°K	389689 -318 Hz
2022-10-12	Wednesday	15: 00	065°	+2°	0 dB	0°	065°	+2°	196°	+19°	4. 1dB	355°K	391563 +226 Hz
2022-10-12	Wednesday	15: 30	070°	+7°	0 dB	0°	070°	+7°	203°	+19°	4. 1dB	354°K	391656 +235 Hz
2022-10-12	Wednesday	16: 00	075°	+11°	0 dB	0°	075°	+11°	211°	+19°	4. 1dB	353°K	391748 +239 Hz
2022-10-12	Wednesday	16: 30	080°	+16°	0 dB	0°	080°	+16°	218°	+19°	4. 1dB	353°K	391841 +240 Hz
2022-10-12	Wednesday	17: 00	084°	+21°	0 dB	0°	084°	+21°	225°	+20°	4. 1dB	352°K	391933 +235 Hz
2022-10-12	Wednesday	17: 30	089°	+27°	0 dB	0°	089°	+27°	232°	+20°	4. 1dB	351°K	392025 +226 Hz
2022-10-12	Wednesday	18: 00	095°	+32°	0 dB	0°	095°	+32°	240°	+20°	4. 1dB	350°K	392117 +212 Hz
2022-10-12	Wednesday	18: 30	100°	+37°	0 dB	0°	100°	+37°	247°	+20°	4. 1dB	350°K	392209 +194 Hz
2022-10-12	Wednesday	19: 00	106°	+42°	0 dB	0°	106°	+42°	254°	+20°	4. 1dB	349°K	392301 +172 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-12	Wednesday 19:30	113°	+47°	0 dB	0°	113°	+47°	262°	+20°	4.1dB	348°K	392393	+147 Hz
2022-10-12	Wednesday 20:00	121°	+51°	0 dB	0°	121°	+51°	269°	+20°	4.1dB	348°K	392484	+118 Hz
2022-10-12	Wednesday 20:30	130°	+56°	0 dB	0°	130°	+56°	276°	+20°	4.1dB	349°K	392576	+86 Hz
2022-10-12	Wednesday 21:00	141°	+59°	0 dB	0°	141°	+59°	283°	+20°	4.1dB	349°K	392667	+53 Hz
2022-10-12	Wednesday 21:30	154°	+62°	0 dB	0°	154°	+62°	291°	+20°	4.1dB	350°K	392758	+17 Hz
2022-10-12	Wednesday 22:00	169°	+64°	0 dB	0°	169°	+64°	298°	+20°	4.1dB	351°K	392849	-20 Hz
2022-10-12	Wednesday 22:30	184°	+64°	0 dB	0°	184°	+64°	305°	+21°	4.2dB	352°K	392940	-57 Hz
2022-10-12	Wednesday 23:00	200°	+63°	0 dB	0°	200°	+63°	312°	+21°	4.2dB	352°K	393030	-93 Hz
2022-10-12	Wednesday 23:30	214°	+61°	0 dB	0°	214°	+61°	320°	+21°	4.2dB	353°K	393121	-129 Hz
2022-10-13	Thursday 00:00	226°	+58°	0 dB	0°	226°	+58°	327°	+21°	4.2dB	354°K	393211	-164 Hz
2022-10-13	Thursday 00:30	236°	+54°	0 dB	0°	236°	+54°	334°	+21°	4.2dB	355°K	393301	-196 Hz
2022-10-13	Thursday 01:00	244°	+49°	0 dB	0°	244°	+49°	341°	+21°	4.2dB	355°K	393391	-225 Hz
2022-10-13	Thursday 01:30	252°	+45°	0 dB	0°	252°	+45°	349°	+21°	4.2dB	356°K	393481	-252 Hz
2022-10-13	Thursday 02:00	258°	+40°	0 dB	0°	258°	+40°	356°	+21°	4.2dB	357°K	393570	-275 Hz
2022-10-13	Thursday 02:30	264°	+35°	0 dB	0°	264°	+35°	3°	+21°	4.2dB	358°K	393660	-294 Hz
2022-10-13	Thursday 03:00	270°	+30°	0 dB	0°	270°	+30°	10°	+21°	4.3dB	359°K	393749	-309 Hz
2022-10-13	Thursday 03:30	275°	+25°	0 dB	0°	275°	+25°	18°	+21°	4.3dB	359°K	393838	-319 Hz
2022-10-13	Thursday 04:00	280°	+20°	0 dB	0°	280°	+20°	25°	+21°	4.3dB	360°K	393927	-325 Hz
2022-10-13	Thursday 04:30	285°	+15°	0 dB	0°	285°	+15°	32°	+22°	4.3dB	361°K	394015	-326 Hz
2022-10-13	Thursday 05:00	290°	+10°	0 dB	0°	290°	+10°	39°	+22°	4.3dB	362°K	394104	-323 Hz
2022-10-13	Thursday 05:30	295°	+6°	0 dB	0°	295°	+6°	47°	+22°	4.3dB	362°K	394192	-315 Hz
2022-10-13	Thursday 06:00	300°	+1°	0 dB	0°	300°	+1°	54°	+22°	4.3dB	363°K	394280	-304 Hz
2022-10-13	Thursday 15:30	059°	+2°	0 dB	0°	059°	+2°	192°	+23°	4.6dB	382°K	395910	+215 Hz
2022-10-13	Thursday 16:00	064°	+6°	0 dB	0°	064°	+6°	199°	+23°	4.6dB	383°K	395993	+227 Hz
2022-10-13	Thursday 16:30	069°	+11°	0 dB	0°	069°	+11°	206°	+23°	4.6dB	384°K	396076	+234 Hz
2022-10-13	Thursday 17:00	074°	+16°	0 dB	0°	074°	+16°	213°	+23°	4.6dB	385°K	396159	+237 Hz
2022-10-13	Thursday 17:30	078°	+21°	0 dB	0°	078°	+21°	221°	+23°	4.6dB	386°K	396242	+236 Hz
2022-10-13	Thursday 18:00	083°	+26°	0 dB	0°	083°	+26°	228°	+23°	4.7dB	387°K	396324	+230 Hz
2022-10-13	Thursday 18:30	088°	+31°	0 dB	0°	088°	+31°	235°	+24°	4.7dB	388°K	396406	+219 Hz
2022-10-13	Thursday 19:00	093°	+36°	0 dB	0°	093°	+36°	242°	+24°	4.7dB	389°K	396487	+204 Hz
2022-10-13	Thursday 19:30	099°	+41°	0 dB	0°	099°	+41°	250°	+24°	4.7dB	390°K	396569	+186 Hz
2022-10-13	Thursday 20:00	105°	+46°	0 dB	0°	105°	+46°	257°	+24°	4.7dB	392°K	396650	+163 Hz
2022-10-13	Thursday 20:30	112°	+51°	0 dB	0°	112°	+51°	264°	+24°	4.7dB	393°K	396731	+137 Hz
2022-10-13	Thursday 21:00	120°	+56°	0 dB	0°	120°	+56°	271°	+24°	4.7dB	394°K	396811	+108 Hz
2022-10-13	Thursday 21:30	130°	+60°	0 dB	0°	130°	+60°	279°	+24°	4.8dB	395°K	396891	+77 Hz
2022-10-13	Thursday 22:00	142°	+64°	0 dB	0°	142°	+64°	286°	+24°	4.8dB	396°K	396971	+43 Hz
2022-10-13	Thursday 22:30	157°	+66°	0 dB	0°	157°	+66°	293°	+24°	4.8dB	397°K	397051	+8 Hz
2022-10-13	Thursday 23:00	174°	+68°	0 dB	0°	174°	+68°	300°	+24°	4.8dB	398°K	397130	-28 Hz
2022-10-13	Thursday 23:30	191°	+67°	0 dB	0°	191°	+67°	308°	+24°	4.8dB	399°K	397209	-64 Hz
2022-10-14	Fri day 00:00	208°	+66°	0 dB	0°	208°	+66°	315°	+24°	4.8dB	401°K	397288	-99 Hz
2022-10-14	Fri day 00:30	222°	+63°	0 dB	0°	222°	+63°	322°	+24°	4.8dB	402°K	397366	-133 Hz
2022-10-14	Fri day 01:00	233°	+59°	0 dB	0°	233°	+59°	329°	+24°	4.9dB	403°K	397444	-166 Hz
2022-10-14	Fri day 01:30	243°	+55°	0 dB	0°	243°	+55°	337°	+24°	4.9dB	404°K	397522	-197 Hz
2022-10-14	Fri day 02:00	251°	+50°	0 dB	0°	251°	+50°	344°	+24°	4.9dB	406°K	397600	-224 Hz
2022-10-14	Fri day 02:30	258°	+45°	0 dB	0°	258°	+45°	351°	+25°	4.9dB	407°K	397677	-249 Hz
2022-10-14	Fri day 03:00	264°	+40°	0 dB	0°	264°	+40°	358°	+25°	4.9dB	408°K	397754	-270 Hz
2022-10-14	Fri day 03:30	269°	+35°	0 dB	0°	269°	+35°	6°	+25°	4.9dB	409°K	397830	-287 Hz
2022-10-14	Fri day 04:00	274°	+30°	0 dB	0°	274°	+30°	13°	+25°	5.0dB	411°K	397906	-300 Hz
2022-10-14	Fri day 04:30	279°	+25°	0 dB	0°	279°	+25°	20°	+25°	5.0dB	412°K	397982	-309 Hz
2022-10-14	Fri day 05:00	284°	+20°	0 dB	0°	284°	+20°	27°	+25°	5.0dB	413°K	398057	-313 Hz
2022-10-14	Fri day 05:30	289°	+16°	0 dB	0°	289°	+16°	35°	+25°	5.0dB	415°K	398133	-313 Hz
2022-10-14	Fri day 06:00	294°	+11°	0 dB	0°	294°	+11°	42°	+25°	5.0dB	416°K	398207	-308 Hz
2022-10-14	Fri day 06:30	298°	+7°	0 dB	0°	298°	+7°	49°	+25°	5.0dB	417°K	398282	-299 Hz
2022-10-14	Fri day 07:00	304°	+2°	0 dB	0°	304°	+2°	56°	+25°	5.0dB	418°K	398356	-287 Hz
2022-10-14	Fri day 16:00	054°	+1°	0 dB	0°	054°	+1°	187°	+26°	5.4dB	448°K	399627	+208 Hz
2022-10-14	Fri day 16:30	059°	+5°	0 dB	0°	059°	+5°	194°	+26°	5.4dB	450°K	399694	+222 Hz
2022-10-14	Fri day 17:00	064°	+10°	0 dB	0°	064°	+10°	201°	+26°	5.4dB	452°K	399761	+232 Hz
2022-10-14	Fri day 17:30	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	5.4dB	455°K	399827	+238 Hz
2022-10-14	Fri day 18:00	073°	+19°	0 dB	0°	073°	+19°	216°	+26°	5.4dB	457°K	399893	+239 Hz
2022-10-14	Fri day 18:30	078°	+24°	0 dB	0°	078°	+24°	223°	+26°	5.5dB	460°K	399958	+237 Hz
2022-10-14	Fri day 19:00	082°	+29°	0 dB	0°	082°	+29°	230°	+26°	5.5dB	462°K	400023	+229 Hz
2022-10-14	Fri day 19:30	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	5.5dB	464°K	400088	+218 Hz
2022-10-14	Fri day 20:00	092°	+39°	0 dB	0°	092°	+39°	245°	+26°	5.5dB	467°K	400152	+203 Hz
2022-10-14	Fri day 20:30	098°	+44°	0 dB	0°	098°	+44°	252°	+26°	5.6dB	469°K	400216	+183 Hz
2022-10-14	Fri day 21:00	104°	+50°	0 dB	0°	104°	+50°	259°	+26°	5.6dB	472°K	400279	+160 Hz
2022-10-14	Fri day 21:30	111°	+54°	0 dB	0°	111°	+54°	266°	+26°	5.6dB	474°K	400342	+134 Hz

MoonSked by MoonBounce Software © GM4JJJ  
 Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELD	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-14	Fri day	22: 00	120°	+59°	0 dB	0°	120°	+59°	274°	+26°	5. 6dB	477°K	400405 +105 Hz
2022-10-14	Fri day	22: 30	130°	+63°	0 dB	0°	130°	+63°	281°	+26°	5. 6dB	479°K	400467 +73 Hz
2022-10-14	Fri day	23: 00	144°	+67°	0 dB	0°	144°	+67°	288°	+26°	5. 7dB	481°K	400528 +40 Hz
2022-10-14	Fri day	23: 30	160°	+69°	0 dB	0°	160°	+69°	295°	+26°	5. 7dB	484°K	400590 +6 Hz
2022-10-15	Saturday	00: 00	179°	+70°	0 dB	0°	179°	+70°	303°	+26°	5. 7dB	486°K	400650 -30 Hz
2022-10-15	Saturday	00: 30	198°	+69°	0 dB	0°	198°	+69°	310°	+26°	5. 7dB	489°K	400711 -65 Hz
2022-10-15	Saturday	01: 00	215°	+67°	0 dB	0°	215°	+67°	317°	+27°	5. 8dB	491°K	400771 -99 Hz
2022-10-15	Saturday	01: 30	228°	+64°	0 dB	0°	228°	+64°	324°	+27°	5. 8dB	494°K	400830 -132 Hz
2022-10-15	Saturday	02: 00	239°	+60°	0 dB	0°	239°	+60°	332°	+27°	5. 8dB	496°K	400889 -164 Hz
2022-10-15	Saturday	02: 30	248°	+55°	0 dB	0°	248°	+55°	339°	+27°	5. 8dB	498°K	400948 -193 Hz
2022-10-15	Saturday	03: 00	255°	+50°	0 dB	0°	255°	+50°	346°	+27°	5. 8dB	500°K	401006 -219 Hz
2022-10-15	Saturday	03: 30	262°	+45°	0 dB	0°	262°	+45°	353°	+27°	5. 8dB	500°K	401064 -242 Hz
2022-10-15	Saturday	04: 00	267°	+40°	0 dB	0°	267°	+40°	0°	+27°	5. 8dB	500°K	401121 -262 Hz
2022-10-15	Saturday	04: 30	273°	+35°	0 dB	0°	273°	+35°	8°	+27°	5. 8dB	500°K	401178 -278 Hz
2022-10-15	Saturday	05: 00	278°	+30°	0 dB	0°	278°	+30°	15°	+27°	5. 8dB	500°K	401234 -289 Hz
2022-10-15	Saturday	05: 30	282°	+25°	0 dB	0°	282°	+25°	22°	+27°	5. 9dB	500°K	401290 -296 Hz
2022-10-15	Saturday	06: 00	287°	+20°	0 dB	0°	287°	+20°	29°	+27°	5. 9dB	500°K	401346 -299 Hz
2022-10-15	Saturday	06: 30	292°	+16°	0 dB	0°	292°	+16°	37°	+27°	5. 9dB	500°K	401401 -298 Hz
2022-10-15	Saturday	07: 00	296°	+11°	0 dB	0°	296°	+11°	44°	+27°	5. 9dB	500°K	401455 -292 Hz
2022-10-15	Saturday	07: 30	301°	+7°	0 dB	0°	301°	+7°	51°	+27°	5. 9dB	500°K	401510 -282 Hz
2022-10-15	Saturday	08: 00	306°	+3°	0 dB	0°	306°	+3°	58°	+27°	5. 9dB	500°K	401563 -269 Hz
2022-10-15	Saturday	16: 30	049°	-0°	0 dB	0°	049°	-0°	182°	+27°	5. 9dB	498°K	402403 +203 Hz
2022-10-15	Saturday	17: 00	054°	+3°	0 dB	0°	054°	+3°	189°	+27°	5. 9dB	495°K	402448 +220 Hz
2022-10-15	Saturday	17: 30	059°	+8°	0 dB	0°	059°	+8°	196°	+27°	5. 8dB	491°K	402492 +233 Hz
2022-10-15	Saturday	18: 00	064°	+12°	0 dB	0°	064°	+12°	203°	+27°	5. 8dB	488°K	402536 +242 Hz
2022-10-15	Saturday	18: 30	069°	+17°	0 dB	0°	069°	+17°	210°	+27°	5. 8dB	485°K	402580 +246 Hz
2022-10-15	Saturday	19: 00	073°	+22°	0 dB	0°	073°	+22°	218°	+27°	5. 8dB	482°K	402623 +247 Hz
2022-10-15	Saturday	19: 30	078°	+26°	0 dB	0°	078°	+26°	225°	+27°	5. 7dB	478°K	402666 +243 Hz
2022-10-15	Saturday	20: 00	083°	+31°	0 dB	0°	083°	+31°	232°	+27°	5. 7dB	475°K	402708 +235 Hz
2022-10-15	Saturday	20: 30	087°	+37°	0 dB	0°	087°	+37°	239°	+27°	5. 7dB	472°K	402749 +223 Hz
2022-10-15	Saturday	21: 00	093°	+42°	0 dB	0°	093°	+42°	247°	+27°	5. 7dB	469°K	402790 +206 Hz
2022-10-15	Saturday	21: 30	098°	+47°	0 dB	0°	098°	+47°	254°	+27°	5. 6dB	465°K	402831 +186 Hz
2022-10-15	Saturday	22: 00	105°	+52°	0 dB	0°	105°	+52°	261°	+27°	5. 6dB	462°K	402871 +163 Hz
2022-10-15	Saturday	22: 30	112°	+57°	0 dB	0°	112°	+57°	268°	+27°	5. 6dB	459°K	402910 +136 Hz
2022-10-15	Saturday	23: 00	121°	+61°	0 dB	0°	121°	+61°	276°	+27°	5. 6dB	456°K	402949 +107 Hz
2022-10-15	Saturday	23: 30	132°	+65°	0 dB	0°	132°	+65°	283°	+27°	5. 5dB	452°K	402987 +75 Hz
2022-10-16	Sunday	00: 00	147°	+68°	0 dB	0°	147°	+68°	290°	+27°	5. 5dB	449°K	403025 +42 Hz
2022-10-16	Sunday	00: 30	165°	+71°	0 dB	0°	165°	+71°	297°	+27°	5. 5dB	446°K	403063 +7 Hz
2022-10-16	Sunday	01: 00	184°	+71°	0 dB	0°	184°	+71°	305°	+27°	5. 5dB	443°K	403100 -27 Hz
2022-10-16	Sunday	01: 30	204°	+70°	0 dB	0°	204°	+70°	312°	+27°	5. 4dB	439°K	403136 -62 Hz
2022-10-16	Sunday	02: 00	220°	+67°	0 dB	0°	220°	+67°	319°	+27°	5. 4dB	436°K	403172 -96 Hz
2022-10-16	Sunday	02: 30	233°	+63°	0 dB	0°	233°	+63°	326°	+27°	5. 4dB	433°K	403207 -128 Hz
2022-10-16	Sunday	03: 00	243°	+59°	0 dB	0°	243°	+59°	334°	+27°	5. 4dB	430°K	403242 -159 Hz
2022-10-16	Sunday	03: 30	251°	+54°	0 dB	0°	251°	+54°	341°	+27°	5. 3dB	426°K	403276 -187 Hz
2022-10-16	Sunday	04: 00	258°	+50°	0 dB	0°	258°	+50°	348°	+27°	5. 3dB	423°K	403310 -212 Hz
2022-10-16	Sunday	04: 30	264°	+44°	0 dB	0°	264°	+44°	355°	+27°	5. 3dB	420°K	403343 -234 Hz
2022-10-16	Sunday	05: 00	270°	+39°	0 dB	0°	270°	+39°	3°	+27°	5. 2dB	417°K	403376 -253 Hz
2022-10-16	Sunday	05: 30	275°	+34°	0 dB	0°	275°	+34°	10°	+27°	5. 2dB	413°K	403408 -267 Hz
2022-10-16	Sunday	06: 00	280°	+29°	0 dB	0°	280°	+29°	17°	+27°	5. 2dB	411°K	403440 -278 Hz
2022-10-16	Sunday	06: 30	284°	+24°	0 dB	0°	284°	+24°	24°	+27°	5. 2dB	410°K	403471 -284 Hz
2022-10-16	Sunday	07: 00	289°	+20°	0 dB	0°	289°	+20°	32°	+27°	5. 2dB	408°K	403502 -286 Hz
2022-10-16	Sunday	07: 30	294°	+15°	0 dB	0°	294°	+15°	39°	+27°	5. 2dB	407°K	403532 -283 Hz
2022-10-16	Sunday	08: 00	298°	+10°	0 dB	0°	298°	+10°	46°	+27°	5. 1dB	405°K	403561 -276 Hz
2022-10-16	Sunday	08: 30	303°	+6°	0 dB	0°	303°	+6°	53°	+27°	5. 1dB	403°K	403590 -266 Hz
2022-10-16	Sunday	09: 00	308°	+2°	0 dB	0°	308°	+2°	60°	+27°	5. 1dB	402°K	403618 -251 Hz
2022-10-16	Sunday	17: 30	051°	+1°	0 dB	0°	051°	+1°	184°	+27°	4. 9dB	374°K	404018 +221 Hz
2022-10-16	Sunday	18: 00	056°	+5°	0 dB	0°	056°	+5°	191°	+27°	4. 9dB	373°K	404037 +237 Hz
2022-10-16	Sunday	18: 30	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	4. 8dB	371°K	404055 +249 Hz
2022-10-16	Sunday	19: 00	065°	+13°	0 dB	0°	065°	+13°	205°	+27°	4. 8dB	369°K	404072 +257 Hz
2022-10-16	Sunday	19: 30	070°	+18°	0 dB	0°	070°	+18°	213°	+27°	4. 8dB	367°K	404089 +260 Hz
2022-10-16	Sunday	20: 00	075°	+23°	0 dB	0°	075°	+23°	220°	+27°	4. 8dB	365°K	404105 +260 Hz
2022-10-16	Sunday	20: 30	079°	+28°	0 dB	0°	079°	+28°	227°	+27°	4. 7dB	362°K	404121 +255 Hz
2022-10-16	Sunday	21: 00	084°	+33°	0 dB	0°	084°	+33°	234°	+27°	4. 7dB	360°K	404136 +246 Hz
2022-10-16	Sunday	21: 30	089°	+38°	0 dB	0°	089°	+38°	242°	+27°	4. 7dB	358°K	404151 +232 Hz
2022-10-16	Sunday	22: 00	094°	+43°	0 dB	0°	094°	+43°	249°	+27°	4. 7dB	355°K	404165 +215 Hz
2022-10-16	Sunday	22: 30	100°	+48°	0 dB	0°	100°	+48°	256°	+27°	4. 7dB	353°K	404179 +194 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-16	Sunday	23:00	107°	+53°	0 dB	0°	107°	+53°	263°	+27°	4.6dB	350°K	404192 +169 Hz
2022-10-16	Sunday	23:30	115°	+58°	0 dB	0°	115°	+58°	271°	+27°	4.6dB	348°K	404204 +142 Hz
2022-10-17	Monday	00:00	125°	+62°	0 dB	0°	125°	+62°	278°	+27°	4.6dB	346°K	404216 +112 Hz
2022-10-17	Monday	00:30	137°	+66°	0 dB	0°	137°	+66°	285°	+27°	4.5dB	343°K	404227 +80 Hz
2022-10-17	Monday	01:00	152°	+69°	0 dB	0°	152°	+69°	292°	+27°	4.5dB	341°K	404238 +46 Hz
2022-10-17	Monday	01:30	170°	+71°	0 dB	0°	170°	+71°	299°	+27°	4.5dB	338°K	404248 +11 Hz
2022-10-17	Monday	02:00	190°	+71°	0 dB	0°	190°	+71°	307°	+27°	4.5dB	336°K	404258 -24 Hz
2022-10-17	Monday	02:30	208°	+69°	0 dB	0°	208°	+69°	314°	+27°	4.5dB	334°K	404267 -58 Hz
2022-10-17	Monday	03:00	224°	+66°	0 dB	0°	224°	+66°	321°	+27°	4.4dB	331°K	404275 -92 Hz
2022-10-17	Monday	03:30	235°	+62°	0 dB	0°	235°	+62°	328°	+27°	4.4dB	329°K	404283 -124 Hz
2022-10-17	Monday	04:00	245°	+57°	0 dB	0°	245°	+57°	336°	+27°	4.4dB	326°K	404290 -154 Hz
2022-10-17	Monday	04:30	253°	+53°	0 dB	0°	253°	+53°	343°	+27°	4.3dB	324°K	404297 -182 Hz
2022-10-17	Monday	05:00	259°	+48°	0 dB	0°	259°	+48°	350°	+27°	4.3dB	322°K	404303 -206 Hz
2022-10-17	Monday	05:30	265°	+43°	0 dB	0°	265°	+43°	357°	+27°	4.3dB	319°K	404309 -228 Hz
2022-10-17	Monday	06:00	271°	+38°	0 dB	0°	271°	+38°	5°	+27°	4.3dB	317°K	404314 -245 Hz
2022-10-17	Monday	06:30	276°	+32°	0 dB	0°	276°	+32°	12°	+27°	4.2dB	314°K	404318 -259 Hz
2022-10-17	Monday	07:00	280°	+27°	0 dB	0°	280°	+27°	19°	+27°	4.2dB	312°K	404322 -268 Hz
2022-10-17	Monday	07:30	285°	+22°	0 dB	0°	285°	+22°	26°	+27°	4.2dB	310°K	404326 -273 Hz
2022-10-17	Monday	08:00	290°	+18°	0 dB	0°	290°	+18°	34°	+27°	4.1dB	307°K	404328 -273 Hz
2022-10-17	Monday	08:30	294°	+13°	0 dB	0°	294°	+13°	41°	+27°	4.1dB	305°K	404331 -270 Hz
2022-10-17	Monday	09:00	299°	+8°	0 dB	0°	299°	+8°	48°	+27°	4.1dB	302°K	404332 -262 Hz
2022-10-17	Monday	09:30	304°	+4°	0 dB	0°	304°	+4°	55°	+27°	4.1dB	299°K	404333 -250 Hz
2022-10-17	Monday	10:00	309°	-0°	0 dB	0°	309°	-0°	63°	+27°	4.0dB	296°K	404334 -234 Hz
2022-10-17	Monday	18:30	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	3.4dB	248°K	404255 +243 Hz
2022-10-17	Monday	19:00	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	3.3dB	245°K	404245 +258 Hz
2022-10-17	Monday	19:30	063°	+9°	0 dB	0°	063°	+9°	200°	+26°	3.3dB	242°K	404235 +269 Hz
2022-10-17	Monday	20:00	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	3.3dB	240°K	404224 +275 Hz
2022-10-17	Monday	20:30	073°	+19°	0 dB	0°	073°	+19°	215°	+26°	3.2dB	237°K	404212 +278 Hz
2022-10-17	Monday	21:00	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	3.2dB	234°K	404200 +276 Hz
2022-10-17	Monday	21:30	082°	+29°	0 dB	0°	082°	+29°	229°	+26°	3.1dB	231°K	404188 +270 Hz
2022-10-17	Monday	22:00	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	3.1dB	228°K	404174 +259 Hz
2022-10-17	Monday	22:30	092°	+39°	0 dB	0°	092°	+39°	244°	+26°	3.1dB	226°K	404161 +245 Hz
2022-10-17	Monday	23:00	098°	+44°	0 dB	0°	098°	+44°	251°	+26°	3.0dB	225°K	404146 +226 Hz
2022-10-17	Monday	23:30	104°	+49°	0 dB	0°	104°	+49°	258°	+26°	3.0dB	224°K	404131 +203 Hz
2022-10-18	Tuesday	00:00	112°	+53°	0 dB	0°	112°	+53°	266°	+26°	3.0dB	223°K	404116 +177 Hz
2022-10-18	Tuesday	00:30	120°	+58°	0 dB	0°	120°	+58°	273°	+26°	3.0dB	222°K	404100 +149 Hz
2022-10-18	Tuesday	01:00	130°	+62°	0 dB	0°	130°	+62°	280°	+25°	3.0dB	221°K	404083 +117 Hz
2022-10-18	Tuesday	01:30	143°	+66°	0 dB	0°	143°	+66°	287°	+25°	3.0dB	220°K	404066 +84 Hz
2022-10-18	Tuesday	02:00	159°	+68°	0 dB	0°	159°	+68°	295°	+25°	2.9dB	219°K	404049 +50 Hz
2022-10-18	Tuesday	02:30	177°	+69°	0 dB	0°	177°	+69°	302°	+25°	2.9dB	218°K	404030 +14 Hz
2022-10-18	Tuesday	03:00	196°	+68°	0 dB	0°	196°	+68°	309°	+25°	2.9dB	217°K	404011 -21 Hz
2022-10-18	Tuesday	03:30	212°	+66°	0 dB	0°	212°	+66°	316°	+25°	2.9dB	216°K	403992 -56 Hz
2022-10-18	Tuesday	04:00	226°	+63°	0 dB	0°	226°	+63°	324°	+25°	2.9dB	215°K	403972 -90 Hz
2022-10-18	Tuesday	04:30	237°	+59°	0 dB	0°	237°	+59°	331°	+25°	2.9dB	214°K	403951 -122 Hz
2022-10-18	Tuesday	05:00	246°	+55°	0 dB	0°	246°	+55°	338°	+25°	2.8dB	213°K	403930 -152 Hz
2022-10-18	Tuesday	05:30	253°	+50°	0 dB	0°	253°	+50°	345°	+25°	2.8dB	213°K	403909 -179 Hz
2022-10-18	Tuesday	06:00	260°	+45°	0 dB	0°	260°	+45°	353°	+25°	2.8dB	212°K	403886 -203 Hz
2022-10-18	Tuesday	06:30	265°	+40°	0 dB	0°	265°	+40°	360°	+25°	2.8dB	211°K	403864 -224 Hz
2022-10-18	Tuesday	07:00	271°	+35°	0 dB	0°	271°	+35°	7°	+25°	2.8dB	210°K	403840 -240 Hz
2022-10-18	Tuesday	07:30	276°	+29°	0 dB	0°	276°	+29°	14°	+25°	2.8dB	209°K	403816 -253 Hz
2022-10-18	Tuesday	08:00	280°	+24°	0 dB	0°	280°	+24°	22°	+25°	2.8dB	208°K	403792 -261 Hz
2022-10-18	Tuesday	08:30	285°	+19°	0 dB	0°	285°	+19°	29°	+25°	2.7dB	207°K	403767 -264 Hz
2022-10-18	Tuesday	09:00	290°	+15°	0 dB	0°	290°	+15°	36°	+25°	2.7dB	206°K	403741 -263 Hz
2022-10-18	Tuesday	09:30	295°	+10°	0 dB	0°	295°	+10°	43°	+25°	2.7dB	205°K	403715 -258 Hz
2022-10-18	Tuesday	10:00	299°	+5°	0 dB	0°	299°	+5°	51°	+25°	2.7dB	204°K	403688 -249 Hz
2022-10-18	Tuesday	10:30	304°	+1°	0 dB	0°	304°	+1°	58°	+25°	2.7dB	203°K	403661 -235 Hz
2022-10-18	Tuesday	19:30	057°	+0°	0 dB	0°	057°	+0°	189°	+23°	2.4dB	187°K	403077 +267 Hz
2022-10-18	Tuesday	20:00	062°	+5°	0 dB	0°	062°	+5°	196°	+23°	2.4dB	186°K	403039 +281 Hz
2022-10-18	Tuesday	20:30	067°	+9°	0 dB	0°	067°	+9°	203°	+23°	2.3dB	185°K	403001 +291 Hz
2022-10-18	Tuesday	21:00	072°	+14°	0 dB	0°	072°	+14°	210°	+23°	2.3dB	184°K	402963 +296 Hz
2022-10-18	Tuesday	21:30	076°	+19°	0 dB	0°	076°	+19°	218°	+23°	2.3dB	183°K	402923 +297 Hz
2022-10-18	Tuesday	22:00	081°	+24°	0 dB	0°	081°	+24°	225°	+23°	2.3dB	182°K	402884 +294 Hz
2022-10-18	Tuesday	22:30	086°	+29°	0 dB	0°	086°	+29°	232°	+23°	2.3dB	181°K	402843 +286 Hz
2022-10-18	Tuesday	23:00	092°	+34°	0 dB	0°	092°	+34°	239°	+23°	2.2dB	180°K	402802 +273 Hz
2022-10-18	Tuesday	23:30	097°	+39°	0 dB	0°	097°	+39°	247°	+23°	2.2dB	180°K	402761 +257 Hz
2022-10-19	Wednesday	00:00	103°	+44°	0 dB	0°	103°	+44°	254°	+23°	2.2dB	179°K	402719 +236 Hz

Moon Data for TODD GRI GSBY in Locator : N85Lx on 144 MHz with TODD GRI GSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-19	Wednesday00:30	110°	+49°	0 dB	0°	110°	+49°	261°	+23°	2.2dB	178°K	402677	+212 Hz
2022-10-19	Wednesday01:00	118°	+53°	0 dB	0°	118°	+53°	268°	+23°	2.2dB	177°K	402634	+184 Hz
2022-10-19	Wednesday01:30	127°	+57°	0 dB	0°	127°	+57°	276°	+23°	2.2dB	176°K	402591	+153 Hz
2022-10-19	Wednesday02:00	138°	+61°	0 dB	0°	138°	+61°	283°	+23°	2.1dB	175°K	402547	+121 Hz
2022-10-19	Wednesday02:30	152°	+64°	0 dB	0°	152°	+64°	290°	+23°	2.1dB	174°K	402502	+86 Hz
2022-10-19	Wednesday03:00	167°	+66°	0 dB	0°	167°	+66°	297°	+22°	2.1dB	174°K	402457	+50 Hz
2022-10-19	Wednesday03:30	184°	+66°	0 dB	0°	184°	+66°	305°	+22°	2.1dB	174°K	402412	+14 Hz
2022-10-19	Wednesday04:00	200°	+65°	0 dB	0°	200°	+65°	312°	+22°	2.1dB	174°K	402366	-22 Hz
2022-10-19	Wednesday04:30	215°	+62°	0 dB	0°	215°	+62°	319°	+22°	2.1dB	174°K	402319	-58 Hz
2022-10-19	Wednesday05:00	227°	+59°	0 dB	0°	227°	+59°	327°	+22°	2.1dB	175°K	402272	-92 Hz
2022-10-19	Wednesday05:30	237°	+55°	0 dB	0°	237°	+55°	334°	+22°	2.1dB	175°K	402225	-124 Hz
2022-10-19	Wednesday06:00	245°	+50°	0 dB	0°	245°	+50°	341°	+22°	2.1dB	175°K	402176	-154 Hz
2022-10-19	Wednesday06:30	252°	+46°	0 dB	0°	252°	+46°	348°	+22°	2.1dB	176°K	402128	-181 Hz
2022-10-19	Wednesday07:00	259°	+41°	0 dB	0°	259°	+41°	356°	+22°	2.1dB	176°K	402079	-204 Hz
2022-10-19	Wednesday07:30	265°	+36°	0 dB	0°	265°	+36°	3°	+22°	2.1dB	176°K	402029	-223 Hz
2022-10-19	Wednesday08:00	270°	+30°	0 dB	0°	270°	+30°	10°	+22°	2.1dB	177°K	401979	-239 Hz
2022-10-19	Wednesday08:30	275°	+25°	0 dB	0°	275°	+25°	17°	+22°	2.1dB	177°K	401929	-249 Hz
2022-10-19	Wednesday09:00	280°	+20°	0 dB	0°	280°	+20°	25°	+22°	2.1dB	177°K	401877	-256 Hz
2022-10-19	Wednesday09:30	285°	+15°	0 dB	0°	285°	+15°	32°	+22°	2.1dB	177°K	401826	-258 Hz
2022-10-19	Wednesday10:00	289°	+10°	0 dB	0°	289°	+10°	39°	+21°	2.2dB	178°K	401774	-255 Hz
2022-10-19	Wednesday10:30	294°	+6°	0 dB	0°	294°	+6°	46°	+21°	2.2dB	178°K	401721	-248 Hz
2022-10-19	Wednesday11:00	299°	+1°	0 dB	0°	299°	+1°	54°	+21°	2.2dB	178°K	401668	-237 Hz
2022-10-19	Wednesday20:30	061°	-0°	0 dB	0°	061°	-0°	192°	+20°	2.2dB	183°K	400568	+293 Hz
2022-10-19	Wednesday21:00	066°	+4°	0 dB	0°	066°	+4°	199°	+20°	2.2dB	183°K	400506	+305 Hz
2022-10-19	Wednesday21:30	072°	+9°	0 dB	0°	072°	+9°	206°	+20°	2.2dB	183°K	400443	+313 Hz
2022-10-19	Wednesday22:00	077°	+13°	0 dB	0°	077°	+13°	214°	+20°	2.2dB	184°K	400379	+317 Hz
2022-10-19	Wednesday22:30	082°	+18°	0 dB	0°	082°	+18°	221°	+19°	2.2dB	184°K	400315	+315 Hz
2022-10-19	Wednesday23:00	087°	+23°	0 dB	0°	087°	+23°	228°	+19°	2.2dB	184°K	400251	+310 Hz
2022-10-19	Wednesday23:30	092°	+28°	0 dB	0°	092°	+28°	235°	+19°	2.2dB	184°K	400186	+300 Hz
2022-10-20	Thursday 00:00	097°	+33°	0 dB	0°	097°	+33°	243°	+19°	2.2dB	184°K	400121	+285 Hz
2022-10-20	Thursday 00:30	103°	+38°	0 dB	0°	103°	+38°	250°	+19°	2.2dB	184°K	400055	+266 Hz
2022-10-20	Thursday 01:00	110°	+43°	0 dB	0°	110°	+43°	257°	+19°	2.2dB	184°K	399989	+243 Hz
2022-10-20	Thursday 01:30	117°	+48°	0 dB	0°	117°	+48°	264°	+19°	2.2dB	185°K	399922	+216 Hz
2022-10-20	Thursday 02:00	126°	+52°	0 dB	0°	126°	+52°	272°	+19°	2.2dB	185°K	399855	+186 Hz
2022-10-20	Thursday 02:30	136°	+56°	0 dB	0°	136°	+56°	279°	+19°	2.2dB	185°K	399788	+154 Hz
2022-10-20	Thursday 03:00	148°	+59°	0 dB	0°	148°	+59°	286°	+19°	2.2dB	185°K	399720	+119 Hz
2022-10-20	Thursday 03:30	161°	+61°	0 dB	0°	161°	+61°	294°	+19°	2.2dB	185°K	399651	+83 Hz
2022-10-20	Thursday 04:00	176°	+62°	0 dB	0°	176°	+62°	301°	+19°	2.2dB	185°K	399583	+45 Hz
2022-10-20	Thursday 04:30	190°	+62°	0 dB	0°	190°	+62°	308°	+18°	2.2dB	185°K	399514	+8 Hz
2022-10-20	Thursday 05:00	204°	+60°	0 dB	0°	204°	+60°	315°	+18°	2.2dB	186°K	399444	-29 Hz
2022-10-20	Thursday 05:30	217°	+57°	0 dB	0°	217°	+57°	323°	+18°	2.2dB	186°K	399374	-65 Hz
2022-10-20	Thursday 06:00	228°	+54°	0 dB	0°	228°	+54°	330°	+18°	2.2dB	186°K	399304	-99 Hz
2022-10-20	Thursday 06:30	237°	+50°	0 dB	0°	237°	+50°	337°	+18°	2.2dB	186°K	399233	-131 Hz
2022-10-20	Thursday 07:00	245°	+45°	0 dB	0°	245°	+45°	344°	+18°	2.2dB	186°K	399161	-160 Hz
2022-10-20	Thursday 07:30	252°	+40°	0 dB	0°	252°	+40°	352°	+18°	2.2dB	186°K	399090	-186 Hz
2022-10-20	Thursday 08:00	258°	+35°	0 dB	0°	258°	+35°	359°	+18°	2.2dB	186°K	399018	-208 Hz
2022-10-20	Thursday 08:30	263°	+30°	0 dB	0°	263°	+30°	6°	+18°	2.2dB	187°K	398945	-226 Hz
2022-10-20	Thursday 09:00	269°	+25°	0 dB	0°	269°	+25°	14°	+18°	2.2dB	187°K	398872	-240 Hz
2022-10-20	Thursday 09:30	274°	+20°	0 dB	0°	274°	+20°	21°	+18°	2.2dB	187°K	398799	-249 Hz
2022-10-20	Thursday 10:00	279°	+15°	0 dB	0°	279°	+15°	28°	+17°	2.2dB	187°K	398725	-253 Hz
2022-10-20	Thursday 10:30	284°	+10°	0 dB	0°	284°	+10°	35°	+17°	2.2dB	188°K	398651	-253 Hz
2022-10-20	Thursday 11:00	289°	+5°	0 dB	0°	289°	+5°	43°	+17°	2.2dB	188°K	398577	-248 Hz
2022-10-20	Thursday 11:30	294°	+0°	0 dB	0°	294°	+0°	50°	+17°	2.2dB	188°K	398502	-239 Hz
2022-10-20	Thursday 22:00	072°	+3°	0 dB	0°	072°	+3°	203°	+15°	2.2dB	194°K	396844	+326 Hz
2022-10-20	Thursday 22:30	077°	+8°	0 dB	0°	077°	+8°	210°	+15°	2.2dB	195°K	396761	+332 Hz
2022-10-20	Thursday 23:00	082°	+13°	0 dB	0°	082°	+13°	217°	+15°	2.2dB	195°K	396678	+333 Hz
2022-10-20	Thursday 23:30	088°	+18°	0 dB	0°	088°	+18°	225°	+15°	2.2dB	195°K	396595	+329 Hz
2022-10-21	Fri day 00:00	093°	+23°	0 dB	0°	093°	+23°	232°	+15°	2.2dB	195°K	396511	+321 Hz
2022-10-21	Fri day 00:30	099°	+28°	0 dB	0°	099°	+28°	239°	+15°	2.2dB	196°K	396427	+308 Hz
2022-10-21	Fri day 01:00	105°	+33°	0 dB	0°	105°	+33°	246°	+14°	2.2dB	196°K	396342	+291 Hz
2022-10-21	Fri day 01:30	111°	+37°	0 dB	0°	111°	+37°	254°	+14°	2.2dB	196°K	396257	+269 Hz
2022-10-21	Fri day 02:00	118°	+42°	0 dB	0°	118°	+42°	261°	+14°	2.2dB	197°K	396172	+243 Hz
2022-10-21	Fri day 02:30	126°	+46°	0 dB	0°	126°	+46°	268°	+14°	2.2dB	197°K	396087	+214 Hz
2022-10-21	Fri day 03:00	135°	+50°	0 dB	0°	135°	+50°	275°	+14°	2.2dB	197°K	396001	+182 Hz
2022-10-21	Fri day 03:30	145°	+53°	0 dB	0°	145°	+53°	283°	+14°	2.2dB	197°K	395915	+147 Hz
2022-10-21	Fri day 04:00	157°	+56°	0 dB	0°	157°	+56°	290°	+14°	2.2dB	198°K	395829	+111 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-21	Fri day	04: 30	170°	+57°	0 dB	0°	170°	+57°	297°	+14°	2. 2dB	198°K	395742 +73 Hz
2022-10-21	Fri day	05: 00	183°	+57°	0 dB	0°	183°	+57°	305°	+14°	2. 2dB	198°K	395656 +35 Hz
2022-10-21	Fri day	05: 30	196°	+56°	0 dB	0°	196°	+56°	312°	+14°	2. 3dB	199°K	395568 -4 Hz
2022-10-21	Fri day	06: 00	208°	+54°	0 dB	0°	208°	+54°	319°	+13°	2. 2dB	199°K	395481 -41 Hz
2022-10-21	Fri day	06: 30	219°	+51°	0 dB	0°	219°	+51°	326°	+13°	2. 2dB	199°K	395393 -77 Hz
2022-10-21	Fri day	07: 00	228°	+48°	0 dB	0°	228°	+48°	334°	+13°	2. 2dB	199°K	395305 -111 Hz
2022-10-21	Fri day	07: 30	237°	+43°	0 dB	0°	237°	+43°	341°	+13°	2. 3dB	200°K	395217 -143 Hz
2022-10-21	Fri day	08: 00	244°	+39°	0 dB	0°	244°	+39°	348°	+13°	2. 2dB	200°K	395128 -171 Hz
2022-10-21	Fri day	08: 30	251°	+34°	0 dB	0°	251°	+34°	356°	+13°	2. 2dB	200°K	395039 -195 Hz
2022-10-21	Fri day	09: 00	257°	+29°	0 dB	0°	257°	+29°	3°	+13°	2. 2dB	200°K	394950 -216 Hz
2022-10-21	Fri day	09: 30	262°	+24°	0 dB	0°	262°	+24°	10°	+13°	2. 3dB	201°K	394861 -232 Hz
2022-10-21	Fri day	10: 00	268°	+19°	0 dB	0°	268°	+19°	17°	+13°	2. 3dB	201°K	394771 -243 Hz
2022-10-21	Fri day	10: 30	273°	+14°	0 dB	0°	273°	+14°	25°	+12°	2. 2dB	201°K	394681 -250 Hz
2022-10-21	Fri day	11: 00	278°	+9°	0 dB	0°	278°	+9°	32°	+12°	2. 3dB	202°K	394591 -252 Hz
2022-10-21	Fri day	11: 30	283°	+4°	0 dB	0°	283°	+4°	39°	+12°	2. 3dB	202°K	394500 -249 Hz
2022-10-21	Fri day	23: 00	079°	+2°	0 dB	0°	079°	+2°	207°	+10°	2. 3dB	208°K	392356 +341 Hz
2022-10-21	Fri day	23: 30	084°	+7°	0 dB	0°	084°	+7°	214°	+10°	2. 3dB	209°K	392260 +344 Hz
2022-10-22	Saturday	00: 00	089°	+12°	0 dB	0°	089°	+12°	221°	+9°	2. 3dB	209°K	392164 +343 Hz
2022-10-22	Saturday	00: 30	095°	+17°	0 dB	0°	095°	+17°	228°	+9°	2. 3dB	209°K	392068 +336 Hz
2022-10-22	Saturday	01: 00	100°	+21°	0 dB	0°	100°	+21°	236°	+9°	2. 3dB	209°K	391972 +325 Hz
2022-10-22	Saturday	01: 30	106°	+26°	0 dB	0°	106°	+26°	243°	+9°	2. 3dB	210°K	391876 +310 Hz
2022-10-22	Saturday	02: 00	112°	+31°	0 dB	0°	112°	+31°	250°	+9°	2. 3dB	210°K	391779 +289 Hz
2022-10-22	Saturday	02: 30	119°	+36°	0 dB	0°	119°	+36°	258°	+9°	2. 3dB	210°K	391682 +265 Hz
2022-10-22	Saturday	03: 00	127°	+40°	0 dB	0°	127°	+40°	265°	+9°	2. 3dB	211°K	391585 +237 Hz
2022-10-22	Saturday	03: 30	135°	+44°	0 dB	0°	135°	+44°	272°	+9°	2. 3dB	211°K	391488 +205 Hz
2022-10-22	Saturday	04: 00	144°	+47°	0 dB	0°	144°	+47°	279°	+9°	2. 3dB	211°K	391391 +171 Hz
2022-10-22	Saturday	04: 30	154°	+49°	0 dB	0°	154°	+49°	287°	+8°	2. 3dB	211°K	391294 +134 Hz
2022-10-22	Saturday	05: 00	166°	+51°	0 dB	0°	166°	+51°	294°	+8°	2. 3dB	212°K	391196 +96 Hz
2022-10-22	Saturday	05: 30	177°	+52°	0 dB	0°	177°	+52°	301°	+8°	2. 3dB	212°K	391099 +57 Hz
2022-10-22	Saturday	06: 00	189°	+51°	0 dB	0°	189°	+51°	309°	+8°	2. 3dB	212°K	391001 +18 Hz
2022-10-22	Saturday	06: 30	200°	+50°	0 dB	0°	200°	+50°	316°	+8°	2. 3dB	212°K	390903 -21 Hz
2022-10-22	Saturday	07: 00	211°	+47°	0 dB	0°	211°	+47°	323°	+8°	2. 3dB	213°K	390805 -58 Hz
2022-10-22	Saturday	07: 30	220°	+44°	0 dB	0°	220°	+44°	330°	+8°	2. 3dB	215°K	390707 -94 Hz
2022-10-22	Saturday	08: 00	229°	+41°	0 dB	0°	229°	+41°	338°	+8°	2. 3dB	216°K	390609 -127 Hz
2022-10-22	Saturday	08: 30	236°	+37°	0 dB	0°	236°	+37°	345°	+7°	2. 3dB	218°K	390510 -157 Hz
2022-10-22	Saturday	09: 00	243°	+32°	0 dB	0°	243°	+32°	352°	+7°	2. 3dB	219°K	390412 -184 Hz
2022-10-22	Saturday	09: 30	250°	+27°	0 dB	0°	250°	+27°	360°	+7°	2. 4dB	221°K	390313 -207 Hz
2022-10-22	Saturday	10: 00	256°	+22°	0 dB	0°	256°	+22°	7°	+7°	2. 4dB	222°K	390214 -225 Hz
2022-10-22	Saturday	10: 30	261°	+17°	0 dB	0°	261°	+17°	14°	+7°	2. 4dB	224°K	390115 -239 Hz
2022-10-22	Saturday	11: 00	266°	+12°	0 dB	0°	266°	+12°	21°	+7°	2. 4dB	225°K	390016 -248 Hz
2022-10-22	Saturday	11: 30	272°	+7°	0 dB	0°	272°	+7°	29°	+7°	2. 4dB	227°K	389917 -252 Hz
2022-10-22	Saturday	12: 00	277°	+2°	0 dB	0°	277°	+2°	36°	+7°	2. 5dB	229°K	389818 -251 Hz
2022-10-23	Sunday	00: 00	086°	+0°	0 dB	0°	086°	+0°	211°	+4°	2. 9dB	266°K	387417 +348 Hz
2022-10-23	Sunday	00: 30	091°	+5°	0 dB	0°	091°	+5°	218°	+4°	2. 9dB	267°K	387317 +349 Hz
2022-10-23	Sunday	01: 00	096°	+10°	0 dB	0°	096°	+10°	225°	+3°	2. 9dB	269°K	387216 +344 Hz
2022-10-23	Sunday	01: 30	102°	+15°	0 dB	0°	102°	+15°	232°	+3°	2. 9dB	271°K	387116 +335 Hz
2022-10-23	Sunday	02: 00	108°	+20°	0 dB	0°	108°	+20°	240°	+3°	3. 0dB	272°K	387015 +321 Hz
2022-10-23	Sunday	02: 30	114°	+24°	0 dB	0°	114°	+24°	247°	+3°	3. 0dB	274°K	386915 +302 Hz
2022-10-23	Sunday	03: 00	120°	+29°	0 dB	0°	120°	+29°	254°	+3°	3. 0dB	276°K	386814 +279 Hz
2022-10-23	Sunday	03: 30	127°	+33°	0 dB	0°	127°	+33°	262°	+3°	3. 0dB	278°K	386714 +252 Hz
2022-10-23	Sunday	04: 00	135°	+37°	0 dB	0°	135°	+37°	269°	+3°	3. 0dB	279°K	386613 +222 Hz
2022-10-23	Sunday	04: 30	144°	+40°	0 dB	0°	144°	+40°	276°	+3°	3. 0dB	281°K	386512 +188 Hz
2022-10-23	Sunday	05: 00	153°	+43°	0 dB	0°	153°	+43°	283°	+2°	3. 1dB	283°K	386412 +152 Hz
2022-10-23	Sunday	05: 30	162°	+44°	0 dB	0°	162°	+44°	291°	+2°	3. 1dB	284°K	386311 +114 Hz
2022-10-23	Sunday	06: 00	173°	+45°	0 dB	0°	173°	+45°	298°	+2°	3. 1dB	286°K	386211 +75 Hz
2022-10-23	Sunday	06: 30	183°	+45°	0 dB	0°	183°	+45°	305°	+2°	3. 1dB	288°K	386111 +36 Hz
2022-10-23	Sunday	07: 00	194°	+44°	0 dB	0°	194°	+44°	313°	+2°	3. 1dB	289°K	386010 -3 Hz
2022-10-23	Sunday	07: 30	203°	+43°	0 dB	0°	203°	+43°	320°	+2°	3. 1dB	291°K	385910 -42 Hz
2022-10-23	Sunday	08: 00	213°	+40°	0 dB	0°	213°	+40°	327°	+2°	3. 2dB	293°K	385809 -79 Hz
2022-10-23	Sunday	08: 30	221°	+37°	0 dB	0°	221°	+37°	334°	+2°	3. 2dB	294°K	385709 -113 Hz
2022-10-23	Sunday	09: 00	229°	+33°	0 dB	0°	229°	+33°	342°	+1°	3. 2dB	296°K	385609 -145 Hz
2022-10-23	Sunday	09: 30	236°	+29°	0 dB	0°	236°	+29°	349°	+1°	3. 2dB	298°K	385509 -173 Hz
2022-10-23	Sunday	10: 00	243°	+25°	0 dB	0°	243°	+25°	356°	+1°	3. 2dB	299°K	385409 -198 Hz
2022-10-23	Sunday	10: 30	249°	+20°	0 dB	0°	249°	+20°	3°	+1°	3. 2dB	301°K	385308 -218 Hz
2022-10-23	Sunday	11: 00	254°	+15°	0 dB	0°	254°	+15°	11°	+1°	3. 3dB	303°K	385208 -234 Hz
2022-10-23	Sunday	11: 30	260°	+10°	0 dB	0°	260°	+10°	18°	+1°	3. 3dB	305°K	385108 -245 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-23	Sunday	12:00	265°	+5°	0 dB	0°	265°	+5°	25°	+1°	3.3dB	306°K	385008 -251 Hz
2022-10-23	Sunday	12:30	270°	-0°	0 dB	0°	270°	-0°	33°	+1°	3.3dB	308°K	384909 -253 Hz
2022-10-24	Monday	01:30	098°	+3°	0 dB	0°	098°	+3°	222°	-3°	3.2dB	313°K	382346 +343 Hz
2022-10-24	Monday	02:00	104°	+8°	0 dB	0°	104°	+8°	229°	-3°	3.2dB	313°K	382249 +336 Hz
2022-10-24	Monday	02:30	109°	+13°	0 dB	0°	109°	+13°	236°	-3°	3.2dB	313°K	382153 +324 Hz
2022-10-24	Monday	03:00	115°	+17°	0 dB	0°	115°	+17°	244°	-3°	3.2dB	313°K	382056 +308 Hz
2022-10-24	Monday	03:30	121°	+22°	0 dB	0°	121°	+22°	251°	-3°	3.2dB	313°K	381960 +287 Hz
2022-10-24	Monday	04:00	128°	+26°	0 dB	0°	128°	+26°	258°	-3°	3.2dB	313°K	381864 +262 Hz
2022-10-24	Monday	04:30	135°	+30°	0 dB	0°	135°	+30°	265°	-4°	3.2dB	313°K	381768 +233 Hz
2022-10-24	Monday	05:00	143°	+33°	0 dB	0°	143°	+33°	273°	-4°	3.2dB	313°K	381672 +201 Hz
2022-10-24	Monday	05:30	151°	+35°	0 dB	0°	151°	+35°	280°	-4°	3.2dB	313°K	381576 +166 Hz
2022-10-24	Monday	06:00	160°	+37°	0 dB	0°	160°	+37°	287°	-4°	3.2dB	312°K	381480 +129 Hz
2022-10-24	Monday	06:30	169°	+39°	0 dB	0°	169°	+39°	294°	-4°	3.2dB	312°K	381385 +91 Hz
2022-10-24	Monday	07:00	178°	+39°	0 dB	0°	178°	+39°	302°	-4°	3.2dB	312°K	381290 +51 Hz
2022-10-24	Monday	07:30	188°	+39°	0 dB	0°	188°	+39°	309°	-4°	3.2dB	311°K	381195 +12 Hz
2022-10-24	Monday	08:00	197°	+37°	0 dB	0°	197°	+37°	316°	-4°	3.2dB	311°K	381100 -26 Hz
2022-10-24	Monday	08:30	206°	+35°	0 dB	0°	206°	+35°	324°	-5°	3.2dB	311°K	381006 -64 Hz
2022-10-24	Monday	09:00	214°	+33°	0 dB	0°	214°	+33°	331°	-5°	3.1dB	310°K	380911 -99 Hz
2022-10-24	Monday	09:30	222°	+30°	0 dB	0°	222°	+30°	338°	-5°	3.1dB	310°K	380817 -132 Hz
2022-10-24	Monday	10:00	229°	+26°	0 dB	0°	229°	+26°	345°	-5°	3.1dB	310°K	380723 -162 Hz
2022-10-24	Monday	10:30	235°	+22°	0 dB	0°	235°	+22°	353°	-5°	3.1dB	310°K	380629 -188 Hz
2022-10-24	Monday	11:00	241°	+17°	0 dB	0°	241°	+17°	360°	-5°	3.1dB	309°K	380536 -210 Hz
2022-10-24	Monday	11:30	247°	+13°	0 dB	0°	247°	+13°	7°	-5°	3.1dB	309°K	380442 -228 Hz
2022-10-24	Monday	12:00	253°	+8°	0 dB	0°	253°	+8°	14°	-5°	3.1dB	309°K	380349 -241 Hz
2022-10-24	Monday	12:30	258°	+3°	0 dB	0°	258°	+3°	22°	-6°	3.1dB	308°K	380256 -250 Hz
2022-10-25	Tuesday	02:30	105°	+1°	0 dB	0°	105°	+1°	225°	-9°	3.0dB	SUN!	377753 +330 Hz
2022-10-25	Tuesday	03:00	110°	+5°	0 dB	0°	110°	+5°	232°	-9°	3.0dB	SUN!	377667 +320 Hz
2022-10-25	Tuesday	03:30	116°	+10°	0 dB	0°	116°	+10°	240°	-9°	3.1dB	SUN!	377582 +306 Hz
2022-10-25	Tuesday	04:00	122°	+14°	0 dB	0°	122°	+14°	247°	-10°	3.1dB	SUN!	377497 +288 Hz
2022-10-25	Tuesday	04:30	128°	+18°	0 dB	0°	128°	+18°	254°	-10°	3.1dB	SUN!	377413 +265 Hz
2022-10-25	Tuesday	05:00	135°	+22°	0 dB	0°	135°	+22°	261°	-10°	3.1dB	SUN!	377328 +239 Hz
2022-10-25	Tuesday	05:30	142°	+25°	0 dB	0°	142°	+25°	269°	-10°	3.1dB	SUN!	377244 +209 Hz
2022-10-25	Tuesday	06:00	149°	+28°	0 dB	0°	149°	+28°	276°	-10°	3.1dB	SUN!	377161 +176 Hz
2022-10-25	Tuesday	06:30	157°	+30°	0 dB	0°	157°	+30°	283°	-10°	3.1dB	SUN!	377077 +141 Hz
2022-10-25	Tuesday	07:00	165°	+32°	0 dB	0°	165°	+32°	290°	-10°	3.1dB	SUN!	376994 +104 Hz
2022-10-25	Tuesday	07:30	174°	+33°	0 dB	0°	174°	+33°	298°	-10°	3.1dB	SUN!	376911 +66 Hz
2022-10-25	Tuesday	08:00	182°	+33°	0 dB	0°	182°	+33°	305°	-10°	3.1dB	SUN!	376829 +27 Hz
2022-10-25	Tuesday	08:30	191°	+32°	0 dB	0°	191°	+32°	312°	-11°	3.1dB	SUN!	376747 -11 Hz
2022-10-25	Tuesday	09:00	199°	+31°	0 dB	0°	199°	+31°	320°	-11°	3.1dB	SUN!	376665 -49 Hz
2022-10-25	Tuesday	09:30	207°	+28°	0 dB	0°	207°	+28°	327°	-11°	3.1dB	SUN!	376583 -84 Hz
2022-10-25	Tuesday	10:00	214°	+26°	0 dB	0°	214°	+26°	334°	-11°	3.1dB	SUN!	376502 -118 Hz
2022-10-25	Tuesday	10:30	221°	+22°	0 dB	0°	221°	+22°	341°	-11°	3.1dB	SUN!	376421 -149 Hz
2022-10-25	Tuesday	11:00	228°	+19°	0 dB	0°	228°	+19°	349°	-11°	3.1dB	SUN!	376341 -176 Hz
2022-10-25	Tuesday	11:30	234°	+15°	0 dB	0°	234°	+15°	356°	-11°	3.1dB	SUN!	376261 -200 Hz
2022-10-25	Tuesday	12:00	240°	+10°	0 dB	0°	240°	+10°	3°	-11°	3.2dB	SUN!	376181 -220 Hz
2022-10-25	Tuesday	12:30	246°	+6°	0 dB	0°	246°	+6°	10°	-12°	3.2dB	SUN!	376101 -235 Hz
2022-10-25	Tuesday	13:00	251°	+1°	0 dB	0°	251°	+1°	18°	-12°	3.2dB	SUN!	376022 -246 Hz
2022-10-26	Wednesday	04:00	116°	+3°	0 dB	0°	116°	+3°	235°	-15°	3.5dB	369°K	373812 +299 Hz
2022-10-26	Wednesday	04:30	122°	+7°	0 dB	0°	122°	+7°	242°	-15°	3.5dB	370°K	373744 +284 Hz
2022-10-26	Wednesday	05:00	128°	+11°	0 dB	0°	128°	+11°	250°	-16°	3.5dB	371°K	373677 +264 Hz
2022-10-26	Wednesday	05:30	134°	+15°	0 dB	0°	134°	+15°	257°	-16°	3.5dB	372°K	373610 +241 Hz
2022-10-26	Wednesday	06:00	140°	+18°	0 dB	0°	140°	+18°	264°	-16°	3.5dB	373°K	373543 +214 Hz
2022-10-26	Wednesday	06:30	147°	+21°	0 dB	0°	147°	+21°	271°	-16°	3.5dB	374°K	373477 +184 Hz
2022-10-26	Wednesday	07:00	154°	+23°	0 dB	0°	154°	+23°	278°	-16°	3.5dB	375°K	373411 +151 Hz
2022-10-26	Wednesday	07:30	161°	+25°	0 dB	0°	161°	+25°	286°	-16°	3.5dB	377°K	373346 +116 Hz
2022-10-26	Wednesday	08:00	169°	+26°	0 dB	0°	169°	+26°	293°	-16°	3.5dB	378°K	373280 +80 Hz
2022-10-26	Wednesday	08:30	177°	+27°	0 dB	0°	177°	+27°	300°	-16°	3.5dB	379°K	373216 +43 Hz
2022-10-26	Wednesday	09:00	185°	+27°	0 dB	0°	185°	+27°	307°	-16°	3.5dB	380°K	373152 +6 Hz
2022-10-26	Wednesday	09:30	193°	+26°	0 dB	0°	193°	+26°	315°	-17°	3.5dB	381°K	373088 -31 Hz
2022-10-26	Wednesday	10:00	200°	+24°	0 dB	0°	200°	+24°	322°	-17°	3.6dB	382°K	373024 -67 Hz
2022-10-26	Wednesday	10:30	207°	+22°	0 dB	0°	207°	+22°	329°	-17°	3.6dB	383°K	372961 -101 Hz
2022-10-26	Wednesday	11:00	214°	+19°	0 dB	0°	214°	+19°	336°	-17°	3.6dB	385°K	372898 -132 Hz
2022-10-26	Wednesday	11:30	221°	+16°	0 dB	0°	221°	+16°	344°	-17°	3.6dB	386°K	372836 -161 Hz
2022-10-26	Wednesday	12:00	227°	+13°	0 dB	0°	227°	+13°	351°	-17°	3.6dB	387°K	372774 -187 Hz
2022-10-26	Wednesday	12:30	233°	+9°	0 dB	0°	233°	+9°	358°	-17°	3.6dB	388°K	372713 -208 Hz
2022-10-26	Wednesday	13:00	238°	+4°	0 dB	0°	238°	+4°	5°	-17°	3.6dB	389°K	372652 -226 Hz

MoonSked by MoonBounce Software © GM4JJJ  
 Moon Data for TODD GRI GSBY in Locator : N85Lx on 144 MHz with TODD GRI GSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-10-26	Wednesday	13:30	243°	-0°	0 dB	0°	243°	-0°	13°	-17°	3.6dB	390°K	372591 -240 Hz
2022-10-27	Thursday	05:30	126°	+4°	0 dB	0°	126°	+4°	244°	-21°	3.9dB	431°K	370874 +261 Hz
2022-10-27	Thursday	06:00	132°	+7°	0 dB	0°	132°	+7°	251°	-21°	3.9dB	433°K	370827 +241 Hz
2022-10-27	Thursday	06:30	138°	+11°	0 dB	0°	138°	+11°	258°	-21°	3.9dB	436°K	370781 +218 Hz
2022-10-27	Thursday	07:00	144°	+14°	0 dB	0°	144°	+14°	266°	-21°	4.0dB	438°K	370735 +191 Hz
2022-10-27	Thursday	07:30	150°	+17°	0 dB	0°	150°	+17°	273°	-21°	4.0dB	441°K	370690 +161 Hz
2022-10-27	Thursday	08:00	157°	+19°	0 dB	0°	157°	+19°	280°	-21°	4.0dB	443°K	370645 +129 Hz
2022-10-27	Thursday	08:30	164°	+20°	0 dB	0°	164°	+20°	287°	-21°	4.0dB	446°K	370601 +96 Hz
2022-10-27	Thursday	09:00	171°	+21°	0 dB	0°	171°	+21°	294°	-21°	4.0dB	448°K	370557 +61 Hz
2022-10-27	Thursday	09:30	179°	+22°	0 dB	0°	179°	+22°	302°	-21°	4.1dB	450°K	370513 +25 Hz
2022-10-27	Thursday	10:00	186°	+21°	0 dB	0°	186°	+21°	309°	-21°	4.1dB	453°K	370470 -11 Hz
2022-10-27	Thursday	10:30	193°	+20°	0 dB	0°	193°	+20°	316°	-22°	4.1dB	455°K	370427 -46 Hz
2022-10-27	Thursday	11:00	200°	+19°	0 dB	0°	200°	+19°	323°	-22°	4.1dB	458°K	370385 -80 Hz
2022-10-27	Thursday	11:30	207°	+17°	0 dB	0°	207°	+17°	330°	-22°	4.1dB	460°K	370343 -112 Hz
2022-10-27	Thursday	12:00	213°	+14°	0 dB	0°	213°	+14°	338°	-22°	4.2dB	463°K	370302 -142 Hz
2022-10-27	Thursday	12:30	219°	+11°	0 dB	0°	219°	+11°	345°	-22°	4.2dB	465°K	370261 -169 Hz
2022-10-27	Thursday	13:00	225°	+8°	0 dB	0°	225°	+8°	352°	-22°	4.2dB	468°K	370220 -193 Hz
2022-10-27	Thursday	13:30	231°	+4°	0 dB	0°	231°	+4°	359°	-22°	4.2dB	470°K	370180 -214 Hz
2022-10-27	Thursday	14:00	236°	-0°	0 dB	0°	236°	-0°	7°	-22°	4.2dB	473°K	370141 -230 Hz
2022-10-28	Fri day	06:30	129°	+1°	0 dB	0°	129°	+1°	244°	-25°	5.6dB	685°K	369075 +241 Hz
2022-10-28	Fri day	07:00	135°	+4°	0 dB	0°	135°	+4°	252°	-25°	5.7dB	696°K	369050 +222 Hz
2022-10-28	Fri day	07:30	140°	+8°	0 dB	0°	140°	+8°	259°	-25°	5.8dB	707°K	369025 +199 Hz
2022-10-28	Fri day	08:00	146°	+11°	0 dB	0°	146°	+11°	266°	-25°	5.8dB	718°K	369001 +173 Hz
2022-10-28	Fri day	08:30	152°	+13°	0 dB	0°	152°	+13°	273°	-25°	5.9dB	729°K	368977 +145 Hz
2022-10-28	Fri day	09:00	159°	+15°	0 dB	0°	159°	+15°	280°	-25°	5.9dB	741°K	368954 +114 Hz
2022-10-28	Fri day	09:30	165°	+17°	0 dB	0°	165°	+17°	288°	-25°	6.0dB	752°K	368931 +81 Hz
2022-10-28	Fri day	10:00	172°	+18°	0 dB	0°	172°	+18°	295°	-25°	6.1dB	763°K	368909 +47 Hz
2022-10-28	Fri day	10:30	179°	+18°	0 dB	0°	179°	+18°	302°	-25°	6.1dB	774°K	368887 +13 Hz
2022-10-28	Fri day	11:00	186°	+18°	0 dB	0°	186°	+18°	309°	-25°	6.2dB	786°K	368865 -21 Hz
2022-10-28	Fri day	11:30	193°	+17°	0 dB	0°	193°	+17°	316°	-25°	6.2dB	797°K	368844 -55 Hz
2022-10-28	Fri day	12:00	199°	+15°	0 dB	0°	199°	+15°	324°	-25°	6.3dB	808°K	368823 -88 Hz
2022-10-28	Fri day	12:30	206°	+13°	0 dB	0°	206°	+13°	331°	-25°	6.3dB	819°K	368803 -119 Hz
2022-10-28	Fri day	13:00	212°	+11°	0 dB	0°	212°	+11°	338°	-25°	6.4dB	831°K	368783 -148 Hz
2022-10-28	Fri day	13:30	218°	+8°	0 dB	0°	218°	+8°	345°	-25°	6.5dB	842°K	368763 -174 Hz
2022-10-28	Fri day	14:00	223°	+5°	0 dB	0°	223°	+5°	352°	-26°	6.5dB	853°K	368744 -197 Hz
2022-10-28	Fri day	14:30	229°	+1°	0 dB	0°	229°	+1°	360°	-26°	6.6dB	864°K	368725 -217 Hz
2022-10-29	Saturday	08:00	136°	+2°	0 dB	0°	136°	+2°	251°	-27°	10.9dB	2492°K	368320 +209 Hz
2022-10-29	Saturday	08:30	141°	+6°	0 dB	0°	141°	+6°	258°	-27°	11.1dB	2568°K	368316 +187 Hz
2022-10-29	Saturday	09:00	147°	+8°	0 dB	0°	147°	+8°	266°	-27°	11.2dB	2643°K	368311 +162 Hz
2022-10-29	Saturday	09:30	153°	+11°	0 dB	0°	153°	+11°	273°	-27°	11.3dB	2719°K	368307 +135 Hz
2022-10-29	Saturday	10:00	159°	+13°	0 dB	0°	159°	+13°	280°	-27°	11.4dB	2794°K	368304 +105 Hz
2022-10-29	Saturday	10:30	165°	+14°	0 dB	0°	165°	+14°	287°	-27°	11.5dB	2870°K	368301 +73 Hz
2022-10-29	Saturday	11:00	172°	+15°	0 dB	0°	172°	+15°	294°	-27°	11.7dB	2946°K	368298 +40 Hz
2022-10-29	Saturday	11:30	179°	+16°	0 dB	0°	179°	+16°	302°	-27°	11.8dB	3021°K	368296 +7 Hz
2022-10-29	Saturday	12:00	185°	+16°	0 dB	0°	185°	+16°	309°	-27°	11.9dB	3097°K	368294 -27 Hz
2022-10-29	Saturday	12:30	192°	+15°	0 dB	0°	192°	+15°	316°	-27°	12.0dB	3173°K	368292 -60 Hz
2022-10-29	Saturday	13:00	198°	+14°	0 dB	0°	198°	+14°	323°	-27°	12.1dB	3249°K	368291 -92 Hz
2022-10-29	Saturday	13:30	205°	+12°	0 dB	0°	205°	+12°	330°	-27°	12.1dB	3292°K	368290 -123 Hz
2022-10-29	Saturday	14:00	211°	+9°	0 dB	0°	211°	+9°	337°	-27°	12.1dB	3237°K	368289 -151 Hz
2022-10-29	Saturday	14:30	217°	+7°	0 dB	0°	217°	+7°	345°	-27°	12.0dB	3183°K	368289 -177 Hz
2022-10-29	Saturday	15:00	222°	+3°	0 dB	0°	222°	+3°	352°	-27°	11.9dB	3129°K	368289 -200 Hz
2022-10-29	Saturday	15:30	227°	-0°	0 dB	0°	227°	-0°	359°	-27°	11.8dB	3074°K	368289 -220 Hz
2022-10-30	Sunday	09:00	135°	+2°	0 dB	0°	135°	+2°	250°	-27°	7.8dB	1165°K	368516 +204 Hz
2022-10-30	Sunday	09:30	141°	+5°	0 dB	0°	141°	+5°	258°	-27°	7.6dB	1111°K	368528 +182 Hz
2022-10-30	Sunday	10:00	146°	+8°	0 dB	0°	146°	+8°	265°	-27°	7.4dB	1056°K	368541 +158 Hz
2022-10-30	Sunday	10:30	152°	+10°	0 dB	0°	152°	+10°	272°	-27°	7.2dB	1002°K	368553 +131 Hz
2022-10-30	Sunday	11:00	158°	+13°	0 dB	0°	158°	+13°	279°	-27°	6.9dB	948°K	368567 +101 Hz
2022-10-30	Sunday	11:30	165°	+14°	0 dB	0°	165°	+14°	286°	-27°	6.7dB	893°K	368580 +70 Hz
2022-10-30	Sunday	12:00	171°	+15°	0 dB	0°	171°	+15°	294°	-27°	6.5dB	861°K	368594 +37 Hz
2022-10-30	Sunday	12:30	178°	+16°	0 dB	0°	178°	+16°	301°	-27°	6.5dB	845°K	368608 +4 Hz
2022-10-30	Sunday	13:00	185°	+16°	0 dB	0°	185°	+16°	308°	-27°	6.4dB	830°K	368622 -30 Hz
2022-10-30	Sunday	13:30	191°	+15°	0 dB	0°	191°	+15°	315°	-27°	6.3dB	814°K	368636 -63 Hz
2022-10-30	Sunday	14:00	198°	+14°	0 dB	0°	198°	+14°	322°	-27°	6.2dB	799°K	368651 -95 Hz
2022-10-30	Sunday	14:30	204°	+12°	0 dB	0°	204°	+12°	330°	-27°	6.2dB	783°K	368666 -126 Hz
2022-10-30	Sunday	15:00	210°	+10°	0 dB	0°	210°	+10°	337°	-27°	6.1dB	768°K	368682 -155 Hz
2022-10-30	Sunday	15:30	216°	+7°	0 dB	0°	216°	+7°	344°	-27°	6.0dB	752°K	368697 -181 Hz

MoonSked by MoonBounce Software © GM4JJJ  
 Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-10-30	Sunday	16:00	222°	+4°	0 dB	0°	222°	+4°	351°	-27°	5.9dB	737°K	368713	-205 Hz
2022-10-30	Sunday	16:30	227°	+0°	0 dB	0°	227°	+0°	358°	-27°	5.8dB	721°K	368730	-225 Hz
2022-10-31	Monday	10:00	134°	+3°	0 dB	0°	134°	+3°	250°	-26°	3.3dB	375°K	369465	+203 Hz
2022-10-31	Monday	10:30	139°	+6°	0 dB	0°	139°	+6°	257°	-26°	3.3dB	369°K	369490	+182 Hz
2022-10-31	Monday	11:00	145°	+9°	0 dB	0°	145°	+9°	264°	-26°	3.2dB	367°K	369516	+158 Hz
2022-10-31	Monday	11:30	151°	+12°	0 dB	0°	151°	+12°	272°	-26°	3.2dB	365°K	369541	+130 Hz
2022-10-31	Monday	12:00	157°	+14°	0 dB	0°	157°	+14°	279°	-26°	3.2dB	364°K	369568	+100 Hz
2022-10-31	Monday	12:30	164°	+16°	0 dB	0°	164°	+16°	286°	-26°	3.2dB	362°K	369594	+69 Hz
2022-10-31	Monday	13:00	171°	+17°	0 dB	0°	171°	+17°	293°	-25°	3.2dB	360°K	369620	+35 Hz
2022-10-31	Monday	13:30	178°	+18°	0 dB	0°	178°	+18°	300°	-25°	3.2dB	358°K	369647	+1 Hz
2022-10-31	Monday	14:00	184°	+18°	0 dB	0°	184°	+18°	308°	-25°	3.1dB	356°K	369674	-33 Hz
2022-10-31	Monday	14:30	191°	+17°	0 dB	0°	191°	+17°	315°	-25°	3.1dB	354°K	369701	-67 Hz
2022-10-31	Monday	15:00	198°	+16°	0 dB	0°	198°	+16°	322°	-25°	3.1dB	352°K	369729	-100 Hz
2022-10-31	Monday	15:30	204°	+14°	0 dB	0°	204°	+14°	329°	-25°	3.1dB	350°K	369757	-132 Hz
2022-10-31	Monday	16:00	211°	+12°	0 dB	0°	211°	+12°	336°	-25°	3.1dB	349°K	369784	-161 Hz
2022-10-31	Monday	16:30	217°	+9°	0 dB	0°	217°	+9°	344°	-25°	3.0dB	347°K	369813	-189 Hz
2022-10-31	Monday	17:00	223°	+6°	0 dB	0°	223°	+6°	351°	-25°	3.0dB	345°K	369841	-213 Hz
2022-10-31	Monday	17:30	228°	+2°	0 dB	0°	228°	+2°	358°	-25°	3.0dB	343°K	369869	-234 Hz
2022-11-01	Tuesday	10:30	127°	+2°	0 dB	0°	127°	+2°	243°	-23°	2.9dB	326°K	370958	+224 Hz
2022-11-01	Tuesday	11:00	132°	+6°	0 dB	0°	132°	+6°	250°	-22°	2.9dB	326°K	370994	+205 Hz
2022-11-01	Tuesday	11:30	138°	+9°	0 dB	0°	138°	+9°	258°	-22°	2.9dB	326°K	371029	+183 Hz
2022-11-01	Tuesday	12:00	144°	+12°	0 dB	0°	144°	+12°	265°	-22°	2.9dB	326°K	371065	+158 Hz
2022-11-01	Tuesday	12:30	150°	+15°	0 dB	0°	150°	+15°	272°	-22°	2.9dB	326°K	371101	+130 Hz
2022-11-01	Tuesday	13:00	157°	+18°	0 dB	0°	157°	+18°	279°	-22°	2.9dB	326°K	371137	+99 Hz
2022-11-01	Tuesday	13:30	164°	+19°	0 dB	0°	164°	+19°	286°	-22°	2.9dB	326°K	371173	+66 Hz
2022-11-01	Tuesday	14:00	171°	+21°	0 dB	0°	171°	+21°	294°	-22°	2.9dB	326°K	371209	+31 Hz
2022-11-01	Tuesday	14:30	178°	+21°	0 dB	0°	178°	+21°	301°	-22°	2.9dB	326°K	371246	-4 Hz
2022-11-01	Tuesday	15:00	185°	+21°	0 dB	0°	185°	+21°	308°	-22°	2.9dB	326°K	371282	-40 Hz
2022-11-01	Tuesday	15:30	192°	+21°	0 dB	0°	192°	+21°	315°	-22°	2.9dB	326°K	371319	-75 Hz
2022-11-01	Tuesday	16:00	199°	+19°	0 dB	0°	199°	+19°	322°	-22°	2.9dB	326°K	371356	-109 Hz
2022-11-01	Tuesday	16:30	206°	+17°	0 dB	0°	206°	+17°	330°	-21°	2.9dB	326°K	371394	-142 Hz
2022-11-01	Tuesday	17:00	213°	+15°	0 dB	0°	213°	+15°	337°	-21°	2.9dB	326°K	371431	-172 Hz
2022-11-01	Tuesday	17:30	219°	+12°	0 dB	0°	219°	+12°	344°	-21°	2.9dB	326°K	371469	-200 Hz
2022-11-01	Tuesday	18:00	225°	+9°	0 dB	0°	225°	+9°	351°	-21°	2.9dB	326°K	371506	-225 Hz
2022-11-01	Tuesday	18:30	231°	+5°	0 dB	0°	231°	+5°	359°	-21°	2.9dB	326°K	371544	-246 Hz
2022-11-01	Tuesday	19:00	236°	+1°	0 dB	0°	236°	+1°	6°	-21°	2.9dB	326°K	371582	-264 Hz
2022-11-02	Wednesday	11:00	120°	+2°	0 dB	0°	120°	+2°	237°	-18°	2.6dB	297°K	372883	+242 Hz
2022-11-02	Wednesday	11:30	125°	+6°	0 dB	0°	125°	+6°	244°	-18°	2.6dB	296°K	372926	+226 Hz
2022-11-02	Wednesday	12:00	131°	+10°	0 dB	0°	131°	+10°	252°	-18°	2.6dB	294°K	372970	+207 Hz
2022-11-02	Wednesday	12:30	137°	+14°	0 dB	0°	137°	+14°	259°	-18°	2.6dB	292°K	373013	+183 Hz
2022-11-02	Wednesday	13:00	143°	+17°	0 dB	0°	143°	+17°	266°	-17°	2.6dB	291°K	373057	+156 Hz
2022-11-02	Wednesday	13:30	150°	+20°	0 dB	0°	150°	+20°	273°	-17°	2.5dB	289°K	373100	+126 Hz
2022-11-02	Wednesday	14:00	157°	+23°	0 dB	0°	157°	+23°	281°	-17°	2.5dB	287°K	373144	+93 Hz
2022-11-02	Wednesday	14:30	164°	+24°	0 dB	0°	164°	+24°	288°	-17°	2.5dB	285°K	373188	+59 Hz
2022-11-02	Wednesday	15:00	171°	+26°	0 dB	0°	171°	+26°	295°	-17°	2.5dB	283°K	373232	+23 Hz
2022-11-02	Wednesday	15:30	179°	+26°	0 dB	0°	179°	+26°	302°	-17°	2.4dB	281°K	373277	-14 Hz
2022-11-02	Wednesday	16:00	187°	+26°	0 dB	0°	187°	+26°	310°	-17°	2.4dB	279°K	373321	-51 Hz
2022-11-02	Wednesday	16:30	195°	+25°	0 dB	0°	195°	+25°	317°	-17°	2.4dB	277°K	373366	-88 Hz
2022-11-02	Wednesday	17:00	202°	+24°	0 dB	0°	202°	+24°	324°	-17°	2.4dB	275°K	373411	-123 Hz
2022-11-02	Wednesday	17:30	209°	+22°	0 dB	0°	209°	+22°	331°	-16°	2.3dB	273°K	373455	-157 Hz
2022-11-02	Wednesday	18:00	216°	+19°	0 dB	0°	216°	+19°	338°	-16°	2.3dB	271°K	373500	-188 Hz
2022-11-02	Wednesday	18:30	223°	+16°	0 dB	0°	223°	+16°	346°	-16°	2.3dB	269°K	373546	-216 Hz
2022-11-02	Wednesday	19:00	229°	+12°	0 dB	0°	229°	+12°	353°	-16°	2.3dB	267°K	373591	-241 Hz
2022-11-02	Wednesday	19:30	235°	+8°	0 dB	0°	235°	+8°	0°	-16°	2.2dB	265°K	373636	-262 Hz
2022-11-02	Wednesday	20:00	241°	+4°	0 dB	0°	241°	+4°	7°	-16°	2.2dB	263°K	373682	-280 Hz
2022-11-02	Wednesday	20:30	246°	-0°	0 dB	0°	246°	-0°	15°	-16°	2.2dB	261°K	373728	-293 Hz
2022-11-03	Thursday	11:30	112°	+3°	0 dB	0°	112°	+3°	232°	-12°	2.0dB	243°K	375164	+256 Hz
2022-11-03	Thursday	12:00	118°	+8°	0 dB	0°	118°	+8°	239°	-12°	2.0dB	243°K	375214	+243 Hz
2022-11-03	Thursday	12:30	123°	+12°	0 dB	0°	123°	+12°	247°	-12°	2.0dB	243°K	375264	+225 Hz
2022-11-03	Thursday	13:00	129°	+16°	0 dB	0°	129°	+16°	254°	-12°	2.0dB	243°K	375314	+204 Hz
2022-11-03	Thursday	13:30	136°	+20°	0 dB	0°	136°	+20°	261°	-12°	2.0dB	243°K	375365	+178 Hz
2022-11-03	Thursday	14:00	142°	+24°	0 dB	0°	142°	+24°	268°	-12°	2.0dB	243°K	375415	+149 Hz
2022-11-03	Thursday	14:30	150°	+27°	0 dB	0°	150°	+27°	276°	-12°	2.0dB	243°K	375466	+117 Hz
2022-11-03	Thursday	15:00	157°	+29°	0 dB	0°	157°	+29°	283°	-11°	2.0dB	243°K	375517	+82 Hz
2022-11-03	Thursday	15:30	165°	+31°	0 dB	0°	165°	+31°	290°	-11°	2.0dB	243°K	375568	+46 Hz
2022-11-03	Thursday	16:00	174°	+32°	0 dB	0°	174°	+32°	297°	-11°	2.0dB	243°K	375619	+8 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-03	Thursday	16:30	182°	+32°	0 dB	0°	182°	+32°	305°	-11°	2.0dB	243°K	375670 -30 Hz
2022-11-03	Thursday	17:00	190°	+32°	0 dB	0°	190°	+32°	312°	-11°	2.0dB	243°K	375721 -68 Hz
2022-11-03	Thursday	17:30	199°	+30°	0 dB	0°	199°	+30°	319°	-11°	2.0dB	242°K	375773 -106 Hz
2022-11-03	Thursday	18:00	207°	+29°	0 dB	0°	207°	+29°	326°	-11°	2.0dB	242°K	375824 -142 Hz
2022-11-03	Thursday	18:30	214°	+26°	0 dB	0°	214°	+26°	334°	-11°	2.0dB	242°K	375876 -175 Hz
2022-11-03	Thursday	19:00	222°	+23°	0 dB	0°	222°	+23°	341°	-10°	2.0dB	242°K	375928 -207 Hz
2022-11-03	Thursday	19:30	228°	+20°	0 dB	0°	228°	+20°	348°	-10°	2.0dB	242°K	375980 -235 Hz
2022-11-03	Thursday	20:00	235°	+16°	0 dB	0°	235°	+16°	356°	-10°	2.0dB	242°K	376032 -259 Hz
2022-11-03	Thursday	20:30	241°	+12°	0 dB	0°	241°	+12°	3°	-10°	2.0dB	241°K	376084 -280 Hz
2022-11-03	Thursday	21:00	246°	+7°	0 dB	0°	246°	+7°	10°	-10°	2.0dB	241°K	376137 -296 Hz
2022-11-03	Thursday	21:30	252°	+3°	0 dB	0°	252°	+3°	17°	-10°	2.0dB	241°K	376189 -308 Hz
2022-11-04	Fri day	11:30	100°	-0°	0 dB	0°	100°	-0°	221°	-6°	2.1dB	239°K	377715 +271 Hz
2022-11-04	Fri day	12:00	105°	+5°	0 dB	0°	105°	+5°	228°	-6°	2.1dB	239°K	377772 +265 Hz
2022-11-04	Fri day	12:30	110°	+10°	0 dB	0°	110°	+10°	235°	-6°	2.1dB	239°K	377828 +254 Hz
2022-11-04	Fri day	13:00	116°	+14°	0 dB	0°	116°	+14°	242°	-6°	2.1dB	239°K	377885 +239 Hz
2022-11-04	Fri day	13:30	122°	+19°	0 dB	0°	122°	+19°	250°	-6°	2.1dB	239°K	377942 +219 Hz
2022-11-04	Fri day	14:00	128°	+23°	0 dB	0°	128°	+23°	257°	-6°	2.1dB	239°K	377999 +195 Hz
2022-11-04	Fri day	14:30	135°	+27°	0 dB	0°	135°	+27°	264°	-6°	2.1dB	239°K	378056 +167 Hz
2022-11-04	Fri day	15:00	142°	+31°	0 dB	0°	142°	+31°	271°	-5°	2.1dB	239°K	378113 +136 Hz
2022-11-04	Fri day	15:30	150°	+34°	0 dB	0°	150°	+34°	279°	-5°	2.1dB	239°K	378171 +102 Hz
2022-11-04	Fri day	16:00	159°	+36°	0 dB	0°	159°	+36°	286°	-5°	2.1dB	239°K	378228 +65 Hz
2022-11-04	Fri day	16:30	168°	+37°	0 dB	0°	168°	+37°	293°	-5°	2.1dB	239°K	378286 +27 Hz
2022-11-04	Fri day	17:00	177°	+38°	0 dB	0°	177°	+38°	301°	-5°	2.1dB	239°K	378343 -12 Hz
2022-11-04	Fri day	17:30	186°	+38°	0 dB	0°	186°	+38°	308°	-5°	2.1dB	239°K	378401 -51 Hz
2022-11-04	Fri day	18:00	195°	+37°	0 dB	0°	195°	+37°	315°	-5°	2.1dB	239°K	378459 -90 Hz
2022-11-04	Fri day	18:30	204°	+36°	0 dB	0°	204°	+36°	322°	-5°	2.1dB	239°K	378518 -127 Hz
2022-11-04	Fri day	19:00	213°	+34°	0 dB	0°	213°	+34°	330°	-4°	2.1dB	239°K	378576 -163 Hz
2022-11-04	Fri day	19:30	221°	+31°	0 dB	0°	221°	+31°	337°	-4°	2.1dB	239°K	378634 -197 Hz
2022-11-04	Fri day	20:00	228°	+27°	0 dB	0°	228°	+27°	344°	-4°	2.1dB	239°K	378693 -227 Hz
2022-11-04	Fri day	20:30	235°	+23°	0 dB	0°	235°	+23°	351°	-4°	2.2dB	243°K	378752 -254 Hz
2022-11-04	Fri day	21:00	241°	+19°	0 dB	0°	241°	+19°	359°	-4°	2.2dB	244°K	378811 -277 Hz
2022-11-04	Fri day	21:30	247°	+15°	0 dB	0°	247°	+15°	6°	-4°	2.2dB	245°K	378869 -296 Hz
2022-11-04	Fri day	22:00	253°	+10°	0 dB	0°	253°	+10°	13°	-4°	2.2dB	245°K	378929 -310 Hz
2022-11-04	Fri day	22:30	259°	+5°	0 dB	0°	259°	+5°	21°	-4°	2.2dB	246°K	378988 -320 Hz
2022-11-04	Fri day	23:00	264°	+0°	0 dB	0°	264°	+0°	28°	-3°	2.2dB	246°K	379047 -325 Hz
2022-11-05	Saturday	12:00	093°	+2°	0 dB	0°	093°	+2°	217°	-0°	2.5dB	261°K	380638 +272 Hz
2022-11-05	Saturday	12:30	098°	+7°	0 dB	0°	098°	+7°	224°	+0°	2.5dB	262°K	380701 +268 Hz
2022-11-05	Saturday	13:00	103°	+12°	0 dB	0°	103°	+12°	231°	+0°	2.5dB	263°K	380764 +260 Hz
2022-11-05	Saturday	13:30	109°	+17°	0 dB	0°	109°	+17°	239°	+0°	2.6dB	263°K	380827 +246 Hz
2022-11-05	Saturday	14:00	115°	+22°	0 dB	0°	115°	+22°	246°	+1°	2.6dB	264°K	380890 +229 Hz
2022-11-05	Saturday	14:30	121°	+26°	0 dB	0°	121°	+26°	253°	+1°	2.6dB	264°K	380954 +206 Hz
2022-11-05	Saturday	15:00	128°	+31°	0 dB	0°	128°	+31°	260°	+1°	2.6dB	265°K	381018 +180 Hz
2022-11-05	Saturday	15:30	135°	+35°	0 dB	0°	135°	+35°	268°	+1°	2.6dB	265°K	381081 +150 Hz
2022-11-05	Saturday	16:00	143°	+38°	0 dB	0°	143°	+38°	275°	+1°	2.6dB	266°K	381145 +117 Hz
2022-11-05	Saturday	16:30	152°	+41°	0 dB	0°	152°	+41°	282°	+1°	2.6dB	267°K	381209 +81 Hz
2022-11-05	Saturday	17:00	161°	+43°	0 dB	0°	161°	+43°	290°	+1°	2.6dB	267°K	381273 +44 Hz
2022-11-05	Saturday	17:30	171°	+44°	0 dB	0°	171°	+44°	297°	+1°	2.6dB	268°K	381337 +5 Hz
2022-11-05	Saturday	18:00	182°	+45°	0 dB	0°	182°	+45°	304°	+2°	2.6dB	268°K	381402 -35 Hz
2022-11-05	Saturday	18:30	192°	+44°	0 dB	0°	192°	+44°	311°	+2°	2.7dB	269°K	381466 -74 Hz
2022-11-05	Saturday	19:00	202°	+43°	0 dB	0°	202°	+43°	319°	+2°	2.7dB	269°K	381531 -113 Hz
2022-11-05	Saturday	19:30	211°	+41°	0 dB	0°	211°	+41°	326°	+2°	2.7dB	270°K	381596 -150 Hz
2022-11-05	Saturday	20:00	220°	+38°	0 dB	0°	220°	+38°	333°	+2°	2.7dB	271°K	381661 -185 Hz
2022-11-05	Saturday	20:30	228°	+35°	0 dB	0°	228°	+35°	340°	+2°	2.7dB	271°K	381726 -217 Hz
2022-11-05	Saturday	21:00	236°	+31°	0 dB	0°	236°	+31°	348°	+2°	2.7dB	272°K	381791 -246 Hz
2022-11-05	Saturday	21:30	242°	+26°	0 dB	0°	242°	+26°	355°	+2°	2.7dB	272°K	381856 -271 Hz
2022-11-05	Saturday	22:00	249°	+22°	0 dB	0°	249°	+22°	2°	+3°	2.7dB	273°K	381921 -292 Hz
2022-11-05	Saturday	22:30	255°	+17°	0 dB	0°	255°	+17°	10°	+3°	2.7dB	273°K	381987 -309 Hz
2022-11-05	Saturday	23:00	260°	+12°	0 dB	0°	260°	+12°	17°	+3°	2.8dB	274°K	382053 -321 Hz
2022-11-05	Saturday	23:30	266°	+7°	0 dB	0°	266°	+7°	24°	+3°	2.8dB	275°K	382118 -328 Hz
2022-11-06	Sunday	00:00	271°	+2°	0 dB	0°	271°	+2°	31°	+3°	2.8dB	275°K	382184 -330 Hz
2022-11-06	Sunday	12:30	086°	+4°	0 dB	0°	086°	+4°	213°	+6°	3.0dB	290°K	383871 +268 Hz
2022-11-06	Sunday	13:00	091°	+9°	0 dB	0°	091°	+9°	220°	+6°	3.0dB	290°K	383940 +267 Hz
2022-11-06	Sunday	13:30	096°	+14°	0 dB	0°	096°	+14°	228°	+6°	3.1dB	291°K	384009 +260 Hz
2022-11-06	Sunday	14:00	102°	+19°	0 dB	0°	102°	+19°	235°	+7°	3.1dB	291°K	384078 +249 Hz
2022-11-06	Sunday	14:30	107°	+24°	0 dB	0°	107°	+24°	242°	+7°	3.1dB	292°K	384147 +233 Hz
2022-11-06	Sunday	15:00	113°	+29°	0 dB	0°	113°	+29°	250°	+7°	3.1dB	292°K	384217 +213 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-06	Sunday	15:30	120°	+34°	0 dB	0°	120°	+34°	257°	+7°	3.1dB	293°K	384286 +189 Hz
2022-11-06	Sunday	16:00	127°	+38°	0 dB	0°	127°	+38°	264°	+7°	3.1dB	294°K	384356 +161 Hz
2022-11-06	Sunday	16:30	135°	+42°	0 dB	0°	135°	+42°	271°	+7°	3.1dB	294°K	384426 +129 Hz
2022-11-06	Sunday	17:00	144°	+45°	0 dB	0°	144°	+45°	279°	+7°	3.1dB	295°K	384496 +95 Hz
2022-11-06	Sunday	17:30	154°	+48°	0 dB	0°	154°	+48°	286°	+7°	3.1dB	295°K	384566 +58 Hz
2022-11-06	Sunday	18:00	165°	+50°	0 dB	0°	165°	+50°	293°	+8°	3.1dB	296°K	384636 +20 Hz
2022-11-06	Sunday	18:30	176°	+51°	0 dB	0°	176°	+51°	300°	+8°	3.1dB	296°K	384706 -19 Hz
2022-11-06	Sunday	19:00	188°	+51°	0 dB	0°	188°	+51°	308°	+8°	3.2dB	296°K	384776 -58 Hz
2022-11-06	Sunday	19:30	199°	+50°	0 dB	0°	199°	+50°	315°	+8°	3.2dB	296°K	384846 -97 Hz
2022-11-06	Sunday	20:00	210°	+48°	0 dB	0°	210°	+48°	322°	+8°	3.2dB	297°K	384917 -135 Hz
2022-11-06	Sunday	20:30	219°	+45°	0 dB	0°	219°	+45°	330°	+8°	3.2dB	297°K	384988 -171 Hz
2022-11-06	Sunday	21:00	228°	+42°	0 dB	0°	228°	+42°	337°	+8°	3.2dB	297°K	385058 -204 Hz
2022-11-06	Sunday	21:30	236°	+38°	0 dB	0°	236°	+38°	344°	+8°	3.2dB	298°K	385129 -234 Hz
2022-11-06	Sunday	22:00	243°	+34°	0 dB	0°	243°	+34°	351°	+9°	3.2dB	298°K	385200 -261 Hz
2022-11-06	Sunday	22:30	250°	+29°	0 dB	0°	250°	+29°	359°	+9°	3.2dB	298°K	385271 -284 Hz
2022-11-06	Sunday	23:00	256°	+24°	0 dB	0°	256°	+24°	6°	+9°	3.2dB	298°K	385342 -303 Hz
2022-11-06	Sunday	23:30	262°	+19°	0 dB	0°	262°	+19°	13°	+9°	3.2dB	299°K	385413 -317 Hz
2022-11-07	Monday	00:00	267°	+14°	0 dB	0°	267°	+14°	20°	+9°	3.2dB	299°K	385484 -326 Hz
2022-11-07	Monday	00:30	273°	+9°	0 dB	0°	273°	+9°	28°	+9°	3.2dB	299°K	385556 -331 Hz
2022-11-07	Monday	01:00	278°	+4°	0 dB	0°	278°	+4°	35°	+9°	3.2dB	300°K	385627 -330 Hz
2022-11-07	Monday	12:30	074°	+0°	0 dB	0°	074°	+0°	202°	+12°	3.5dB	315°K	387296 +254 Hz
2022-11-07	Monday	13:00	079°	+5°	0 dB	0°	079°	+5°	209°	+12°	3.5dB	317°K	387369 +260 Hz
2022-11-07	Monday	13:30	084°	+10°	0 dB	0°	084°	+10°	217°	+12°	3.5dB	318°K	387443 +261 Hz
2022-11-07	Monday	14:00	089°	+16°	0 dB	0°	089°	+16°	224°	+12°	3.6dB	320°K	387516 +257 Hz
2022-11-07	Monday	14:30	094°	+21°	0 dB	0°	094°	+21°	231°	+12°	3.6dB	321°K	387590 +248 Hz
2022-11-07	Monday	15:00	100°	+26°	0 dB	0°	100°	+26°	239°	+13°	3.6dB	323°K	387664 +235 Hz
2022-11-07	Monday	15:30	106°	+31°	0 dB	0°	106°	+31°	246°	+13°	3.6dB	324°K	387738 +217 Hz
2022-11-07	Monday	16:00	112°	+36°	0 dB	0°	112°	+36°	253°	+13°	3.6dB	326°K	387811 +195 Hz
2022-11-07	Monday	16:30	119°	+41°	0 dB	0°	119°	+41°	260°	+13°	3.7dB	327°K	387885 +169 Hz
2022-11-07	Monday	17:00	126°	+45°	0 dB	0°	126°	+45°	268°	+13°	3.7dB	329°K	387959 +140 Hz
2022-11-07	Monday	17:30	135°	+49°	0 dB	0°	135°	+49°	275°	+13°	3.7dB	330°K	388034 +107 Hz
2022-11-07	Monday	18:00	145°	+52°	0 dB	0°	145°	+52°	282°	+13°	3.7dB	332°K	388108 +72 Hz
2022-11-07	Monday	18:30	156°	+55°	0 dB	0°	156°	+55°	289°	+13°	3.7dB	333°K	388182 +35 Hz
2022-11-07	Monday	19:00	169°	+57°	0 dB	0°	169°	+57°	297°	+13°	3.8dB	335°K	388256 -3 Hz
2022-11-07	Monday	19:30	182°	+57°	0 dB	0°	182°	+57°	304°	+14°	3.8dB	336°K	388330 -41 Hz
2022-11-07	Monday	20:00	195°	+56°	0 dB	0°	195°	+56°	311°	+14°	3.8dB	337°K	388405 -80 Hz
2022-11-07	Monday	20:30	207°	+55°	0 dB	0°	207°	+55°	318°	+14°	3.8dB	339°K	388479 -117 Hz
2022-11-07	Monday	21:00	218°	+52°	0 dB	0°	218°	+52°	326°	+14°	3.8dB	340°K	388554 -153 Hz
2022-11-07	Monday	21:30	228°	+49°	0 dB	0°	228°	+49°	333°	+14°	3.9dB	342°K	388628 -187 Hz
2022-11-07	Monday	22:00	237°	+45°	0 dB	0°	237°	+45°	340°	+14°	3.9dB	343°K	388703 -219 Hz
2022-11-07	Monday	22:30	244°	+40°	0 dB	0°	244°	+40°	348°	+14°	3.9dB	345°K	388778 -247 Hz
2022-11-07	Monday	23:00	251°	+36°	0 dB	0°	251°	+36°	355°	+14°	3.9dB	346°K	388852 -271 Hz
2022-11-07	Monday	23:30	257°	+31°	0 dB	0°	257°	+31°	2°	+14°	3.9dB	348°K	388927 -292 Hz
2022-11-08	Tuesday	00:00	263°	+26°	0 dB	0°	263°	+26°	9°	+15°	3.9dB	348°K	389002 -308 Hz
2022-11-08	Tuesday	00:30	269°	+21°	0 dB	0°	269°	+21°	17°	+15°	3.9dB	349°K	389077 -319 Hz
2022-11-08	Tuesday	01:00	274°	+16°	0 dB	0°	274°	+16°	24°	+15°	4.0dB	350°K	389152 -326 Hz
2022-11-08	Tuesday	01:30	279°	+11°	0 dB	0°	279°	+11°	31°	+15°	4.0dB	351°K	389226 -328 Hz
2022-11-08	Tuesday	02:00	284°	+6°	0 dB	0°	284°	+6°	38°	+15°	4.0dB	351°K	389301 -325 Hz
2022-11-08	Tuesday	02:30	289°	+1°	0 dB	0°	289°	+1°	46°	+15°	4.0dB	352°K	389376 -318 Hz
2022-11-08	Tuesday	13:00	068°	+2°	0 dB	0°	068°	+2°	198°	+17°	4.2dB	368°K	390958 +241 Hz
2022-11-08	Tuesday	13:30	073°	+6°	0 dB	0°	073°	+6°	205°	+17°	4.2dB	369°K	391033 +249 Hz
2022-11-08	Tuesday	14:00	078°	+11°	0 dB	0°	078°	+11°	213°	+17°	4.2dB	369°K	391109 +253 Hz
2022-11-08	Tuesday	14:30	082°	+16°	0 dB	0°	082°	+16°	220°	+18°	4.2dB	368°K	391184 +251 Hz
2022-11-08	Tuesday	15:00	087°	+22°	0 dB	0°	087°	+22°	227°	+18°	4.2dB	368°K	391260 +245 Hz
2022-11-08	Tuesday	15:30	093°	+27°	0 dB	0°	093°	+27°	235°	+18°	4.2dB	367°K	391335 +235 Hz
2022-11-08	Tuesday	16:00	098°	+32°	0 dB	0°	098°	+32°	242°	+18°	4.2dB	366°K	391411 +220 Hz
2022-11-08	Tuesday	16:30	104°	+37°	0 dB	0°	104°	+37°	249°	+18°	4.2dB	365°K	391486 +200 Hz
2022-11-08	Tuesday	17:00	110°	+42°	0 dB	0°	110°	+42°	256°	+18°	4.2dB	365°K	391562 +177 Hz
2022-11-08	Tuesday	17:30	117°	+47°	0 dB	0°	117°	+47°	264°	+18°	4.2dB	364°K	391637 +150 Hz
2022-11-08	Tuesday	18:00	126°	+51°	0 dB	0°	126°	+51°	271°	+18°	4.2dB	363°K	391712 +120 Hz
2022-11-08	Tuesday	18:30	135°	+55°	0 dB	0°	135°	+55°	278°	+18°	4.2dB	362°K	391788 +87 Hz
2022-11-08	Tuesday	19:00	146°	+58°	0 dB	0°	146°	+58°	285°	+18°	4.2dB	362°K	391863 +52 Hz
2022-11-08	Tuesday	19:30	159°	+61°	0 dB	0°	159°	+61°	293°	+19°	4.2dB	361°K	391939 +16 Hz
2022-11-08	Tuesday	20:00	174°	+62°	0 dB	0°	174°	+62°	300°	+19°	4.2dB	360°K	392014 -21 Hz
2022-11-08	Tuesday	20:30	188°	+62°	0 dB	0°	188°	+62°	307°	+19°	4.2dB	359°K	392090 -59 Hz
2022-11-08	Tuesday	21:00	203°	+61°	0 dB	0°	203°	+61°	314°	+19°	4.2dB	359°K	392165 -96 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-08	Tuesday	21:30	216°	+58°	0 dB	0°	216°	+58°	322°	+19°	4.2dB	358°K	392240 -132 Hz
2022-11-08	Tuesday	22:00	227°	+55°	0 dB	0°	227°	+55°	329°	+19°	4.2dB	357°K	392316 -166 Hz
2022-11-08	Tuesday	22:30	236°	+51°	0 dB	0°	236°	+51°	336°	+19°	4.2dB	356°K	392391 -198 Hz
2022-11-08	Tuesday	23:00	245°	+47°	0 dB	0°	245°	+47°	343°	+19°	4.2dB	356°K	392466 -227 Hz
2022-11-08	Tuesday	23:30	252°	+42°	0 dB	0°	252°	+42°	351°	+19°	4.2dB	355°K	392541 -253 Hz
2022-11-09	Wednesday	00:00	258°	+37°	0 dB	0°	258°	+37°	358°	+19°	4.2dB	354°K	392617 -275 Hz
2022-11-09	Wednesday	00:30	264°	+32°	0 dB	0°	264°	+32°	5°	+19°	4.2dB	353°K	392692 -293 Hz
2022-11-09	Wednesday	01:00	270°	+27°	0 dB	0°	270°	+27°	12°	+20°	4.2dB	353°K	392767 -307 Hz
2022-11-09	Wednesday	01:30	275°	+22°	0 dB	0°	275°	+22°	20°	+20°	4.1dB	352°K	392842 -317 Hz
2022-11-09	Wednesday	02:00	280°	+17°	0 dB	0°	280°	+17°	27°	+20°	4.1dB	351°K	392917 -321 Hz
2022-11-09	Wednesday	02:30	285°	+12°	0 dB	0°	285°	+12°	34°	+20°	4.1dB	350°K	392992 -321 Hz
2022-11-09	Wednesday	03:00	290°	+8°	0 dB	0°	290°	+8°	41°	+20°	4.1dB	349°K	393067 -317 Hz
2022-11-09	Wednesday	03:30	295°	+3°	0 dB	0°	295°	+3°	49°	+20°	4.1dB	349°K	393142 -308 Hz
2022-11-09	Wednesday	13:30	062°	+2°	0 dB	0°	062°	+2°	194°	+22°	4.3dB	362°K	394629 +228 Hz
2022-11-09	Wednesday	14:00	067°	+7°	0 dB	0°	067°	+7°	201°	+22°	4.3dB	362°K	394702 +238 Hz
2022-11-09	Wednesday	14:30	071°	+11°	0 dB	0°	071°	+11°	208°	+22°	4.3dB	363°K	394776 +244 Hz
2022-11-09	Wednesday	15:00	076°	+16°	0 dB	0°	076°	+16°	216°	+22°	4.4dB	364°K	394849 +245 Hz
2022-11-09	Wednesday	15:30	081°	+21°	0 dB	0°	081°	+21°	223°	+22°	4.4dB	365°K	394923 +242 Hz
2022-11-09	Wednesday	16:00	086°	+26°	0 dB	0°	086°	+26°	230°	+22°	4.4dB	366°K	394996 +235 Hz
2022-11-09	Wednesday	16:30	091°	+32°	0 dB	0°	091°	+32°	237°	+22°	4.4dB	366°K	395069 +223 Hz
2022-11-09	Wednesday	17:00	096°	+37°	0 dB	0°	096°	+37°	245°	+22°	4.4dB	367°K	395142 +207 Hz
2022-11-09	Wednesday	17:30	102°	+42°	0 dB	0°	102°	+42°	252°	+22°	4.4dB	368°K	395215 +186 Hz
2022-11-09	Wednesday	18:00	109°	+47°	0 dB	0°	109°	+47°	259°	+22°	4.4dB	369°K	395288 +162 Hz
2022-11-09	Wednesday	18:30	116°	+52°	0 dB	0°	116°	+52°	266°	+22°	4.4dB	370°K	395361 +135 Hz
2022-11-09	Wednesday	19:00	125°	+56°	0 dB	0°	125°	+56°	274°	+22°	4.5dB	371°K	395433 +105 Hz
2022-11-09	Wednesday	19:30	135°	+60°	0 dB	0°	135°	+60°	281°	+23°	4.5dB	372°K	395506 +72 Hz
2022-11-09	Wednesday	20:00	148°	+63°	0 dB	0°	148°	+63°	288°	+23°	4.5dB	373°K	395578 +38 Hz
2022-11-09	Wednesday	20:30	162°	+65°	0 dB	0°	162°	+65°	295°	+23°	4.5dB	374°K	395651 +2 Hz
2022-11-09	Wednesday	21:00	179°	+66°	0 dB	0°	179°	+66°	303°	+23°	4.5dB	375°K	395723 -35 Hz
2022-11-09	Wednesday	21:30	196°	+66°	0 dB	0°	196°	+66°	310°	+23°	4.5dB	376°K	395795 -71 Hz
2022-11-09	Wednesday	22:00	211°	+64°	0 dB	0°	211°	+64°	317°	+23°	4.5dB	377°K	395867 -107 Hz
2022-11-09	Wednesday	22:30	224°	+61°	0 dB	0°	224°	+61°	324°	+23°	4.5dB	378°K	395939 -141 Hz
2022-11-09	Wednesday	23:00	235°	+57°	0 dB	0°	235°	+57°	332°	+23°	4.6dB	380°K	396010 -174 Hz
2022-11-09	Wednesday	23:30	244°	+53°	0 dB	0°	244°	+53°	339°	+23°	4.6dB	381°K	396082 -204 Hz
2022-11-10	Thursday	00:00	251°	+48°	0 dB	0°	251°	+48°	346°	+23°	4.6dB	382°K	396153 -231 Hz
2022-11-10	Thursday	00:30	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	4.6dB	383°K	396225 -255 Hz
2022-11-10	Thursday	01:00	264°	+38°	0 dB	0°	264°	+38°	1°	+23°	4.6dB	384°K	396296 -275 Hz
2022-11-10	Thursday	01:30	270°	+33°	0 dB	0°	270°	+33°	8°	+23°	4.6dB	385°K	396367 -291 Hz
2022-11-10	Thursday	02:00	275°	+28°	0 dB	0°	275°	+28°	15°	+23°	4.7dB	386°K	396438 -303 Hz
2022-11-10	Thursday	02:30	280°	+23°	0 dB	0°	280°	+23°	22°	+23°	4.7dB	387°K	396509 -310 Hz
2022-11-10	Thursday	03:00	285°	+18°	0 dB	0°	285°	+18°	30°	+24°	4.7dB	388°K	396579 -313 Hz
2022-11-10	Thursday	03:30	289°	+13°	0 dB	0°	289°	+13°	37°	+24°	4.7dB	389°K	396650 -312 Hz
2022-11-10	Thursday	04:00	294°	+9°	0 dB	0°	294°	+9°	44°	+24°	4.7dB	391°K	396720 -306 Hz
2022-11-10	Thursday	04:30	299°	+4°	0 dB	0°	299°	+4°	51°	+24°	4.7dB	392°K	396790 -296 Hz
2022-11-10	Thursday	05:00	304°	+0°	0 dB	0°	304°	+0°	59°	+24°	4.7dB	393°K	396861 -281 Hz
2022-11-10	Thursday	14:00	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	5.0dB	415°K	398094 +215 Hz
2022-11-10	Thursday	14:30	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	5.0dB	416°K	398161 +228 Hz
2022-11-10	Thursday	15:00	066°	+11°	0 dB	0°	066°	+11°	203°	+25°	5.0dB	417°K	398228 +236 Hz
2022-11-10	Thursday	15:30	071°	+15°	0 dB	0°	071°	+15°	211°	+25°	5.0dB	419°K	398294 +241 Hz
2022-11-10	Thursday	16:00	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	5.1dB	420°K	398360 +241 Hz
2022-11-10	Thursday	16:30	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	5.1dB	421°K	398426 +237 Hz
2022-11-10	Thursday	17:00	085°	+30°	0 dB	0°	085°	+30°	232°	+25°	5.1dB	423°K	398492 +228 Hz
2022-11-10	Thursday	17:30	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	5.1dB	424°K	398558 +215 Hz
2022-11-10	Thursday	18:00	095°	+40°	0 dB	0°	095°	+40°	247°	+25°	5.1dB	425°K	398623 +198 Hz
2022-11-10	Thursday	18:30	101°	+45°	0 dB	0°	101°	+45°	254°	+25°	5.1dB	426°K	398688 +177 Hz
2022-11-10	Thursday	19:00	107°	+50°	0 dB	0°	107°	+50°	261°	+25°	5.1dB	428°K	398754 +153 Hz
2022-11-10	Thursday	19:30	115°	+55°	0 dB	0°	115°	+55°	269°	+25°	5.2dB	429°K	398818 +125 Hz
2022-11-10	Thursday	20:00	124°	+60°	0 dB	0°	124°	+60°	276°	+25°	5.2dB	430°K	398883 +95 Hz
2022-11-10	Thursday	20:30	135°	+64°	0 dB	0°	135°	+64°	283°	+26°	5.2dB	432°K	398947 +63 Hz
2022-11-10	Thursday	21:00	149°	+67°	0 dB	0°	149°	+67°	290°	+26°	5.2dB	433°K	399011 +28 Hz
2022-11-10	Thursday	21:30	166°	+69°	0 dB	0°	166°	+69°	298°	+26°	5.2dB	434°K	399075 -7 Hz
2022-11-10	Thursday	22:00	185°	+69°	0 dB	0°	185°	+69°	305°	+26°	5.2dB	436°K	399139 -42 Hz
2022-11-10	Thursday	22:30	203°	+68°	0 dB	0°	203°	+68°	312°	+26°	5.3dB	439°K	399203 -77 Hz
2022-11-10	Thursday	23:00	218°	+66°	0 dB	0°	218°	+66°	319°	+26°	5.3dB	441°K	399266 -112 Hz
2022-11-10	Thursday	23:30	231°	+62°	0 dB	0°	231°	+62°	327°	+26°	5.3dB	443°K	399329 -145 Hz
2022-11-11	Friday	00:00	241°	+58°	0 dB	0°	241°	+58°	334°	+26°	5.3dB	446°K	399392 -176 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-13	Sunday	01:30	239°	+61°	0 dB	0°	239°	+61°	331°	+27°	4.9dB	375°K	404077 -144 Hz
2022-11-13	Sunday	02:00	248°	+56°	0 dB	0°	248°	+56°	338°	+27°	4.9dB	373°K	404106 -173 Hz
2022-11-13	Sunday	02:30	255°	+51°	0 dB	0°	255°	+51°	345°	+27°	4.8dB	371°K	404134 -200 Hz
2022-11-13	Sunday	03:00	262°	+47°	0 dB	0°	262°	+47°	352°	+27°	4.8dB	370°K	404161 -223 Hz
2022-11-13	Sunday	03:30	267°	+41°	0 dB	0°	267°	+41°	360°	+27°	4.8dB	367°K	404188 -243 Hz
2022-11-13	Sunday	04:00	273°	+36°	0 dB	0°	273°	+36°	7°	+27°	4.8dB	365°K	404214 -260 Hz
2022-11-13	Sunday	04:30	277°	+31°	0 dB	0°	277°	+31°	14°	+27°	4.8dB	363°K	404241 -272 Hz
2022-11-13	Sunday	05:00	282°	+26°	0 dB	0°	282°	+26°	21°	+27°	4.7dB	360°K	404266 -280 Hz
2022-11-13	Sunday	05:30	287°	+21°	0 dB	0°	287°	+21°	29°	+27°	4.7dB	358°K	404291 -284 Hz
2022-11-13	Sunday	06:00	291°	+17°	0 dB	0°	291°	+17°	36°	+27°	4.7dB	355°K	404316 -283 Hz
2022-11-13	Sunday	06:30	296°	+12°	0 dB	0°	296°	+12°	43°	+27°	4.7dB	353°K	404340 -278 Hz
2022-11-13	Sunday	07:00	301°	+7°	0 dB	0°	301°	+7°	50°	+27°	4.6dB	351°K	404364 -269 Hz
2022-11-13	Sunday	07:30	306°	+3°	0 dB	0°	306°	+3°	57°	+27°	4.6dB	348°K	404387 -256 Hz
2022-11-13	Sunday	16:30	054°	+3°	0 dB	0°	054°	+3°	188°	+27°	4.1dB	305°K	404726 +233 Hz
2022-11-13	Sunday	17:00	059°	+7°	0 dB	0°	059°	+7°	195°	+27°	4.1dB	302°K	404740 +247 Hz
2022-11-13	Sunday	17:30	064°	+11°	0 dB	0°	064°	+11°	202°	+27°	4.1dB	299°K	404754 +257 Hz
2022-11-13	Sunday	18:00	069°	+16°	0 dB	0°	069°	+16°	210°	+27°	4.0dB	297°K	404767 +262 Hz
2022-11-13	Sunday	18:30	073°	+21°	0 dB	0°	073°	+21°	217°	+27°	4.0dB	294°K	404780 +264 Hz
2022-11-13	Sunday	19:00	078°	+25°	0 dB	0°	078°	+25°	224°	+27°	4.0dB	291°K	404792 +260 Hz
2022-11-13	Sunday	19:30	083°	+30°	0 dB	0°	083°	+30°	231°	+27°	3.9dB	288°K	404804 +253 Hz
2022-11-13	Sunday	20:00	088°	+35°	0 dB	0°	088°	+35°	239°	+27°	3.9dB	285°K	404815 +241 Hz
2022-11-13	Sunday	20:30	093°	+40°	0 dB	0°	093°	+40°	246°	+27°	3.9dB	282°K	404825 +225 Hz
2022-11-13	Sunday	21:00	099°	+46°	0 dB	0°	099°	+46°	253°	+26°	3.8dB	279°K	404836 +206 Hz
2022-11-13	Sunday	21:30	105°	+50°	0 dB	0°	105°	+50°	260°	+26°	3.8dB	277°K	404845 +182 Hz
2022-11-13	Sunday	22:00	113°	+55°	0 dB	0°	113°	+55°	268°	+26°	3.8dB	274°K	404855 +156 Hz
2022-11-13	Sunday	22:30	122°	+60°	0 dB	0°	122°	+60°	275°	+26°	3.7dB	271°K	404863 +126 Hz
2022-11-13	Sunday	23:00	133°	+64°	0 dB	0°	133°	+64°	282°	+26°	3.7dB	268°K	404872 +95 Hz
2022-11-13	Sunday	23:30	146°	+67°	0 dB	0°	146°	+67°	289°	+26°	3.6dB	265°K	404879 +61 Hz
2022-11-14	Monday	00:00	163°	+69°	0 dB	0°	163°	+69°	297°	+26°	3.6dB	262°K	404886 +27 Hz
2022-11-14	Monday	00:30	182°	+70°	0 dB	0°	182°	+70°	304°	+26°	3.6dB	260°K	404893 -8 Hz
2022-11-14	Monday	01:00	201°	+69°	0 dB	0°	201°	+69°	311°	+26°	3.5dB	257°K	404899 -43 Hz
2022-11-14	Monday	01:30	217°	+66°	0 dB	0°	217°	+66°	318°	+26°	3.5dB	254°K	404905 -78 Hz
2022-11-14	Monday	02:00	230°	+63°	0 dB	0°	230°	+63°	326°	+26°	3.5dB	251°K	404910 -111 Hz
2022-11-14	Monday	02:30	240°	+59°	0 dB	0°	240°	+59°	333°	+26°	3.4dB	248°K	404915 -143 Hz
2022-11-14	Monday	03:00	249°	+54°	0 dB	0°	249°	+54°	340°	+26°	3.4dB	245°K	404919 -172 Hz
2022-11-14	Monday	03:30	256°	+49°	0 dB	0°	256°	+49°	347°	+26°	3.3dB	243°K	404922 -198 Hz
2022-11-14	Monday	04:00	262°	+44°	0 dB	0°	262°	+44°	355°	+26°	3.3dB	240°K	404925 -221 Hz
2022-11-14	Monday	04:30	268°	+39°	0 dB	0°	268°	+39°	2°	+26°	3.3dB	237°K	404928 -240 Hz
2022-11-14	Monday	05:00	273°	+34°	0 dB	0°	273°	+34°	9°	+26°	3.2dB	234°K	404930 -255 Hz
2022-11-14	Monday	05:30	278°	+29°	0 dB	0°	278°	+29°	16°	+26°	3.2dB	231°K	404931 -266 Hz
2022-11-14	Monday	06:00	282°	+24°	0 dB	0°	282°	+24°	24°	+26°	3.1dB	229°K	404932 -273 Hz
2022-11-14	Monday	06:30	287°	+19°	0 dB	0°	287°	+19°	31°	+26°	3.1dB	226°K	404933 -275 Hz
2022-11-14	Monday	07:00	292°	+14°	0 dB	0°	292°	+14°	38°	+26°	3.1dB	225°K	404933 -273 Hz
2022-11-14	Monday	07:30	297°	+9°	0 dB	0°	297°	+9°	45°	+26°	3.1dB	224°K	404932 -267 Hz
2022-11-14	Monday	08:00	301°	+5°	0 dB	0°	301°	+5°	53°	+26°	3.0dB	223°K	404931 -257 Hz
2022-11-14	Monday	08:30	306°	+1°	0 dB	0°	306°	+1°	60°	+26°	3.0dB	222°K	404929 -242 Hz
2022-11-14	Monday	17:30	057°	+2°	0 dB	0°	057°	+2°	190°	+25°	2.8dB	205°K	404807 +256 Hz
2022-11-14	Monday	18:00	062°	+7°	0 dB	0°	062°	+7°	198°	+25°	2.7dB	204°K	404796 +268 Hz
2022-11-14	Monday	18:30	067°	+11°	0 dB	0°	067°	+11°	205°	+25°	2.7dB	203°K	404783 +277 Hz
2022-11-14	Monday	19:00	072°	+16°	0 dB	0°	072°	+16°	212°	+25°	2.7dB	202°K	404770 +281 Hz
2022-11-14	Monday	19:30	077°	+21°	0 dB	0°	077°	+21°	219°	+24°	2.7dB	203°K	404757 +281 Hz
2022-11-14	Monday	20:00	082°	+26°	0 dB	0°	082°	+26°	227°	+24°	2.7dB	201°K	404743 +276 Hz
2022-11-14	Monday	20:30	087°	+31°	0 dB	0°	087°	+31°	234°	+24°	2.7dB	200°K	404728 +267 Hz
2022-11-14	Monday	21:00	092°	+36°	0 dB	0°	092°	+36°	241°	+24°	2.6dB	199°K	404713 +254 Hz
2022-11-14	Monday	21:30	097°	+41°	0 dB	0°	097°	+41°	248°	+24°	2.6dB	198°K	404697 +236 Hz
2022-11-14	Monday	22:00	103°	+46°	0 dB	0°	103°	+46°	256°	+24°	2.6dB	197°K	404681 +215 Hz
2022-11-14	Monday	22:30	110°	+51°	0 dB	0°	110°	+51°	263°	+24°	2.6dB	196°K	404664 +190 Hz
2022-11-14	Monday	23:00	119°	+55°	0 dB	0°	119°	+55°	270°	+24°	2.6dB	195°K	404647 +162 Hz
2022-11-14	Monday	23:30	128°	+59°	0 dB	0°	128°	+59°	278°	+24°	2.6dB	194°K	404629 +131 Hz
2022-11-15	Tuesday	00:00	140°	+63°	0 dB	0°	140°	+63°	285°	+24°	2.5dB	193°K	404610 +98 Hz
2022-11-15	Tuesday	00:30	154°	+66°	0 dB	0°	154°	+66°	292°	+24°	2.5dB	192°K	404591 +63 Hz
2022-11-15	Tuesday	01:00	171°	+67°	0 dB	0°	171°	+67°	299°	+24°	2.5dB	192°K	404572 +28 Hz
2022-11-15	Tuesday	01:30	189°	+67°	0 dB	0°	189°	+67°	307°	+24°	2.5dB	191°K	404552 -8 Hz
2022-11-15	Tuesday	02:00	205°	+66°	0 dB	0°	205°	+66°	314°	+24°	2.5dB	190°K	404531 -44 Hz
2022-11-15	Tuesday	02:30	219°	+63°	0 dB	0°	219°	+63°	321°	+24°	2.5dB	189°K	404510 -79 Hz
2022-11-15	Tuesday	03:00	231°	+59°	0 dB	0°	231°	+59°	328°	+24°	2.5dB	188°K	404488 -112 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-15	Tuesday	03:30	241°	+55°	0 dB	0°	241°	+55°	336°	+24°	2.4dB	187°K	404466 -143 Hz
2022-11-15	Tuesday	04:00	249°	+50°	0 dB	0°	249°	+50°	343°	+23°	2.4dB	186°K	404443 -172 Hz
2022-11-15	Tuesday	04:30	256°	+45°	0 dB	0°	256°	+45°	350°	+23°	2.4dB	185°K	404419 -198 Hz
2022-11-15	Tuesday	05:00	262°	+40°	0 dB	0°	262°	+40°	357°	+23°	2.4dB	184°K	404395 -220 Hz
2022-11-15	Tuesday	05:30	267°	+35°	0 dB	0°	267°	+35°	5°	+23°	2.4dB	183°K	404371 -238 Hz
2022-11-15	Tuesday	06:00	272°	+30°	0 dB	0°	272°	+30°	12°	+23°	2.4dB	183°K	404346 -252 Hz
2022-11-15	Tuesday	06:30	277°	+25°	0 dB	0°	277°	+25°	19°	+23°	2.3dB	182°K	404320 -262 Hz
2022-11-15	Tuesday	07:00	282°	+20°	0 dB	0°	282°	+20°	26°	+23°	2.3dB	181°K	404294 -267 Hz
2022-11-15	Tuesday	07:30	287°	+15°	0 dB	0°	287°	+15°	34°	+23°	2.3dB	180°K	404267 -268 Hz
2022-11-15	Tuesday	08:00	292°	+10°	0 dB	0°	292°	+10°	41°	+23°	2.3dB	179°K	404240 -264 Hz
2022-11-15	Tuesday	08:30	297°	+6°	0 dB	0°	297°	+6°	48°	+23°	2.3dB	178°K	404212 -256 Hz
2022-11-15	Tuesday	09:00	302°	+1°	0 dB	0°	302°	+1°	55°	+23°	2.2dB	177°K	404183 -243 Hz
2022-11-15	Tuesday	18:30	061°	+2°	0 dB	0°	061°	+2°	194°	+21°	2.2dB	178°K	403537 +281 Hz
2022-11-15	Tuesday	19:00	067°	+6°	0 dB	0°	067°	+6°	201°	+21°	2.2dB	178°K	403498 +293 Hz
2022-11-15	Tuesday	19:30	072°	+11°	0 dB	0°	072°	+11°	208°	+21°	2.2dB	179°K	403457 +299 Hz
2022-11-15	Tuesday	20:00	076°	+16°	0 dB	0°	076°	+16°	215°	+21°	2.2dB	179°K	403417 +302 Hz
2022-11-15	Tuesday	20:30	081°	+21°	0 dB	0°	081°	+21°	223°	+21°	2.2dB	179°K	403375 +300 Hz
2022-11-15	Tuesday	21:00	086°	+26°	0 dB	0°	086°	+26°	230°	+21°	2.2dB	179°K	403334 +293 Hz
2022-11-15	Tuesday	21:30	092°	+31°	0 dB	0°	092°	+31°	237°	+21°	2.3dB	180°K	403291 +282 Hz
2022-11-15	Tuesday	22:00	097°	+36°	0 dB	0°	097°	+36°	244°	+21°	2.3dB	180°K	403248 +266 Hz
2022-11-15	Tuesday	22:30	103°	+41°	0 dB	0°	103°	+41°	252°	+21°	2.3dB	180°K	403205 +247 Hz
2022-11-15	Tuesday	23:00	110°	+46°	0 dB	0°	110°	+46°	259°	+21°	2.3dB	181°K	403161 +223 Hz
2022-11-15	Tuesday	23:30	118°	+50°	0 dB	0°	118°	+50°	266°	+21°	2.3dB	181°K	403116 +196 Hz
2022-11-16	Wednesday	00:00	126°	+54°	0 dB	0°	126°	+54°	273°	+21°	2.3dB	181°K	403071 +166 Hz
2022-11-16	Wednesday	00:30	137°	+58°	0 dB	0°	137°	+58°	281°	+21°	2.3dB	181°K	403026 +133 Hz
2022-11-16	Wednesday	01:00	149°	+61°	0 dB	0°	149°	+61°	288°	+20°	2.3dB	182°K	402979 +98 Hz
2022-11-16	Wednesday	01:30	164°	+63°	0 dB	0°	164°	+63°	295°	+20°	2.3dB	182°K	402933 +62 Hz
2022-11-16	Wednesday	02:00	179°	+64°	0 dB	0°	179°	+64°	303°	+20°	2.3dB	182°K	402885 +26 Hz
2022-11-16	Wednesday	02:30	195°	+63°	0 dB	0°	195°	+63°	310°	+20°	2.3dB	182°K	402838 -11 Hz
2022-11-16	Wednesday	03:00	209°	+61°	0 dB	0°	209°	+61°	317°	+20°	2.3dB	183°K	402789 -48 Hz
2022-11-16	Wednesday	03:30	221°	+58°	0 dB	0°	221°	+58°	324°	+20°	2.3dB	183°K	402740 -83 Hz
2022-11-16	Wednesday	04:00	232°	+54°	0 dB	0°	232°	+54°	332°	+20°	2.3dB	183°K	402691 -116 Hz
2022-11-16	Wednesday	04:30	241°	+50°	0 dB	0°	241°	+50°	339°	+20°	2.3dB	183°K	402641 -147 Hz
2022-11-16	Wednesday	05:00	248°	+45°	0 dB	0°	248°	+45°	346°	+20°	2.3dB	183°K	402590 -175 Hz
2022-11-16	Wednesday	05:30	255°	+41°	0 dB	0°	255°	+41°	353°	+20°	2.3dB	183°K	402539 -200 Hz
2022-11-16	Wednesday	06:00	261°	+36°	0 dB	0°	261°	+36°	1°	+20°	2.3dB	183°K	402487 -221 Hz
2022-11-16	Wednesday	06:30	266°	+30°	0 dB	0°	266°	+30°	8°	+20°	2.3dB	184°K	402435 -238 Hz
2022-11-16	Wednesday	07:00	272°	+25°	0 dB	0°	272°	+25°	15°	+19°	2.3dB	184°K	402382 -250 Hz
2022-11-16	Wednesday	07:30	277°	+20°	0 dB	0°	277°	+20°	23°	+19°	2.3dB	184°K	402329 -258 Hz
2022-11-16	Wednesday	08:00	282°	+15°	0 dB	0°	282°	+15°	30°	+19°	2.3dB	184°K	402275 -261 Hz
2022-11-16	Wednesday	08:30	286°	+10°	0 dB	0°	286°	+10°	37°	+19°	2.3dB	184°K	402221 -260 Hz
2022-11-16	Wednesday	09:00	291°	+5°	0 dB	0°	291°	+5°	44°	+19°	2.3dB	184°K	402166 -254 Hz
2022-11-16	Wednesday	09:30	296°	+1°	0 dB	0°	296°	+1°	52°	+19°	2.3dB	184°K	402110 -243 Hz
2022-11-16	Wednesday	19:30	067°	+1°	0 dB	0°	067°	+1°	197°	+17°	2.3dB	188°K	400889 +308 Hz
2022-11-16	Wednesday	20:00	072°	+6°	0 dB	0°	072°	+6°	204°	+17°	2.3dB	188°K	400822 +317 Hz
2022-11-16	Wednesday	20:30	077°	+10°	0 dB	0°	077°	+10°	212°	+17°	2.3dB	189°K	400755 +322 Hz
2022-11-16	Wednesday	21:00	082°	+15°	0 dB	0°	082°	+15°	219°	+17°	2.3dB	189°K	400687 +322 Hz
2022-11-16	Wednesday	21:30	087°	+20°	0 dB	0°	087°	+20°	226°	+17°	2.3dB	189°K	400619 +317 Hz
2022-11-16	Wednesday	22:00	093°	+25°	0 dB	0°	093°	+25°	234°	+17°	2.3dB	189°K	400550 +308 Hz
2022-11-16	Wednesday	22:30	098°	+30°	0 dB	0°	098°	+30°	241°	+17°	2.3dB	190°K	400481 +294 Hz
2022-11-16	Wednesday	23:00	104°	+35°	0 dB	0°	104°	+35°	248°	+17°	2.3dB	190°K	400412 +276 Hz
2022-11-16	Wednesday	23:30	111°	+40°	0 dB	0°	111°	+40°	255°	+17°	2.3dB	190°K	400341 +254 Hz
2022-11-17	Thursday	00:00	118°	+45°	0 dB	0°	118°	+45°	263°	+16°	2.3dB	191°K	400271 +228 Hz
2022-11-17	Thursday	00:30	126°	+49°	0 dB	0°	126°	+49°	270°	+16°	2.3dB	191°K	400199 +198 Hz
2022-11-17	Thursday	01:00	136°	+53°	0 dB	0°	136°	+53°	277°	+16°	2.3dB	191°K	400128 +166 Hz
2022-11-17	Thursday	01:30	147°	+56°	0 dB	0°	147°	+56°	284°	+16°	2.3dB	191°K	400056 +131 Hz
2022-11-17	Thursday	02:00	159°	+58°	0 dB	0°	159°	+58°	292°	+16°	2.3dB	192°K	399983 +95 Hz
2022-11-17	Thursday	02:30	172°	+59°	0 dB	0°	172°	+59°	299°	+16°	2.3dB	192°K	399910 +57 Hz
2022-11-17	Thursday	03:00	186°	+59°	0 dB	0°	186°	+59°	306°	+16°	2.3dB	192°K	399836 +19 Hz
2022-11-17	Thursday	03:30	200°	+58°	0 dB	0°	200°	+58°	314°	+16°	2.3dB	192°K	399762 -19 Hz
2022-11-17	Thursday	04:00	212°	+56°	0 dB	0°	212°	+56°	321°	+16°	2.3dB	193°K	399687 -55 Hz
2022-11-17	Thursday	04:30	223°	+52°	0 dB	0°	223°	+52°	328°	+16°	2.3dB	193°K	399612 -91 Hz
2022-11-17	Thursday	05:00	232°	+49°	0 dB	0°	232°	+49°	335°	+15°	2.3dB	193°K	399536 -124 Hz
2022-11-17	Thursday	05:30	240°	+44°	0 dB	0°	240°	+44°	343°	+15°	2.3dB	194°K	399460 -154 Hz
2022-11-17	Thursday	06:00	248°	+40°	0 dB	0°	248°	+40°	350°	+15°	2.3dB	194°K	399383 -181 Hz
2022-11-17	Thursday	06:30	254°	+35°	0 dB	0°	254°	+35°	357°	+15°	2.3dB	194°K	399306 -204 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-20	Sunday	02:00	128°	+30°	0 dB	0°	128°	+30°	260°	-0°	3.4dB	313°K	385398 +267 Hz
2022-11-20	Sunday	02:30	136°	+33°	0 dB	0°	136°	+33°	268°	-1°	3.4dB	313°K	385279 +237 Hz
2022-11-20	Sunday	03:00	144°	+36°	0 dB	0°	144°	+36°	275°	-1°	3.4dB	313°K	385159 +204 Hz
2022-11-20	Sunday	03:30	153°	+39°	0 dB	0°	153°	+39°	282°	-1°	3.4dB	313°K	385039 +168 Hz
2022-11-20	Sunday	04:00	162°	+41°	0 dB	0°	162°	+41°	290°	-1°	3.4dB	313°K	384920 +130 Hz
2022-11-20	Sunday	04:30	172°	+42°	0 dB	0°	172°	+42°	297°	-1°	3.4dB	313°K	384800 +92 Hz
2022-11-20	Sunday	05:00	182°	+42°	0 dB	0°	182°	+42°	304°	-1°	3.4dB	313°K	384680 +52 Hz
2022-11-20	Sunday	05:30	191°	+41°	0 dB	0°	191°	+41°	311°	-1°	3.3dB	313°K	384560 +13 Hz
2022-11-20	Sunday	06:00	201°	+40°	0 dB	0°	201°	+40°	319°	-1°	3.3dB	313°K	384440 -25 Hz
2022-11-20	Sunday	06:30	210°	+38°	0 dB	0°	210°	+38°	326°	-2°	3.3dB	313°K	384320 -62 Hz
2022-11-20	Sunday	07:00	218°	+35°	0 dB	0°	218°	+35°	333°	-2°	3.3dB	313°K	384200 -97 Hz
2022-11-20	Sunday	07:30	226°	+31°	0 dB	0°	226°	+31°	340°	-2°	3.3dB	313°K	384080 -129 Hz
2022-11-20	Sunday	08:00	233°	+27°	0 dB	0°	233°	+27°	348°	-2°	3.3dB	313°K	383959 -158 Hz
2022-11-20	Sunday	08:30	239°	+23°	0 dB	0°	239°	+23°	355°	-2°	3.3dB	313°K	383839 -183 Hz
2022-11-20	Sunday	09:00	245°	+18°	0 dB	0°	245°	+18°	2°	-2°	3.3dB	313°K	383719 -204 Hz
2022-11-20	Sunday	09:30	251°	+13°	0 dB	0°	251°	+13°	10°	-2°	3.3dB	313°K	383599 -220 Hz
2022-11-20	Sunday	10:00	257°	+8°	0 dB	0°	257°	+8°	17°	-2°	3.3dB	313°K	383478 -232 Hz
2022-11-20	Sunday	10:30	262°	+3°	0 dB	0°	262°	+3°	24°	-3°	3.3dB	313°K	383358 -239 Hz
2022-11-21	Monday	00:00	100°	-0°	0 dB	0°	100°	-0°	221°	-6°	3.1dB	308°K	380119 +354 Hz
2022-11-21	Monday	00:30	105°	+5°	0 dB	0°	105°	+5°	228°	-6°	3.1dB	307°K	379999 +348 Hz
2022-11-21	Monday	01:00	110°	+9°	0 dB	0°	110°	+9°	235°	-6°	3.1dB	307°K	379880 +337 Hz
2022-11-21	Monday	01:30	116°	+14°	0 dB	0°	116°	+14°	242°	-6°	3.1dB	307°K	379762 +321 Hz
2022-11-21	Monday	02:00	122°	+18°	0 dB	0°	122°	+18°	250°	-6°	3.0dB	306°K	379643 +301 Hz
2022-11-21	Monday	02:30	129°	+22°	0 dB	0°	129°	+22°	257°	-7°	3.0dB	306°K	379524 +276 Hz
2022-11-21	Monday	03:00	136°	+26°	0 dB	0°	136°	+26°	264°	-7°	3.0dB	306°K	379406 +248 Hz
2022-11-21	Monday	03:30	143°	+29°	0 dB	0°	143°	+29°	271°	-7°	3.0dB	305°K	379287 +217 Hz
2022-11-21	Monday	04:00	151°	+32°	0 dB	0°	151°	+32°	279°	-7°	3.0dB	305°K	379169 +183 Hz
2022-11-21	Monday	04:30	159°	+34°	0 dB	0°	159°	+34°	286°	-7°	3.0dB	305°K	379051 +147 Hz
2022-11-21	Monday	05:00	168°	+35°	0 dB	0°	168°	+35°	293°	-7°	3.0dB	305°K	378933 +109 Hz
2022-11-21	Monday	05:30	177°	+36°	0 dB	0°	177°	+36°	300°	-7°	3.0dB	304°K	378815 +70 Hz
2022-11-21	Monday	06:00	186°	+36°	0 dB	0°	186°	+36°	308°	-7°	3.0dB	304°K	378697 +31 Hz
2022-11-21	Monday	06:30	195°	+35°	0 dB	0°	195°	+35°	315°	-8°	3.0dB	305°K	378580 -7 Hz
2022-11-21	Monday	07:00	203°	+33°	0 dB	0°	203°	+33°	322°	-8°	3.0dB	305°K	378463 -44 Hz
2022-11-21	Monday	07:30	211°	+30°	0 dB	0°	211°	+30°	330°	-8°	3.0dB	306°K	378345 -80 Hz
2022-11-21	Monday	08:00	219°	+27°	0 dB	0°	219°	+27°	337°	-8°	3.0dB	307°K	378228 -113 Hz
2022-11-21	Monday	08:30	226°	+24°	0 dB	0°	226°	+24°	344°	-8°	3.0dB	308°K	378111 -143 Hz
2022-11-21	Monday	09:00	232°	+20°	0 dB	0°	232°	+20°	351°	-8°	3.0dB	308°K	377995 -169 Hz
2022-11-21	Monday	09:30	238°	+16°	0 dB	0°	238°	+16°	359°	-8°	3.0dB	309°K	377878 -192 Hz
2022-11-21	Monday	10:00	244°	+11°	0 dB	0°	244°	+11°	6°	-9°	3.0dB	310°K	377762 -210 Hz
2022-11-21	Monday	10:30	250°	+6°	0 dB	0°	250°	+6°	13°	-9°	3.0dB	311°K	377646 -224 Hz
2022-11-21	Monday	11:00	255°	+1°	0 dB	0°	255°	+1°	20°	-9°	3.0dB	311°K	377530 -233 Hz
2022-11-22	Tuesday	01:30	111°	+2°	0 dB	0°	111°	+2°	231°	-12°	3.2dB	338°K	374268 +331 Hz
2022-11-22	Tuesday	02:00	117°	+7°	0 dB	0°	117°	+7°	238°	-12°	3.2dB	340°K	374160 +319 Hz
2022-11-22	Tuesday	02:30	123°	+11°	0 dB	0°	123°	+11°	245°	-13°	3.2dB	341°K	374052 +301 Hz
2022-11-22	Tuesday	03:00	129°	+15°	0 dB	0°	129°	+15°	253°	-13°	3.2dB	342°K	373945 +280 Hz
2022-11-22	Tuesday	03:30	135°	+19°	0 dB	0°	135°	+19°	260°	-13°	3.2dB	343°K	373837 +254 Hz
2022-11-22	Tuesday	04:00	142°	+22°	0 dB	0°	142°	+22°	267°	-13°	3.2dB	345°K	373730 +225 Hz
2022-11-22	Tuesday	04:30	149°	+25°	0 dB	0°	149°	+25°	274°	-13°	3.2dB	346°K	373624 +194 Hz
2022-11-22	Tuesday	05:00	156°	+27°	0 dB	0°	156°	+27°	282°	-13°	3.2dB	347°K	373517 +159 Hz
2022-11-22	Tuesday	05:30	164°	+28°	0 dB	0°	164°	+28°	289°	-13°	3.2dB	348°K	373411 +123 Hz
2022-11-22	Tuesday	06:00	172°	+29°	0 dB	0°	172°	+29°	296°	-13°	3.2dB	350°K	373306 +86 Hz
2022-11-22	Tuesday	06:30	180°	+30°	0 dB	0°	180°	+30°	303°	-14°	3.2dB	351°K	373200 +48 Hz
2022-11-22	Tuesday	07:00	188°	+29°	0 dB	0°	188°	+29°	311°	-14°	3.3dB	352°K	373095 +11 Hz
2022-11-22	Tuesday	07:30	196°	+28°	0 dB	0°	196°	+28°	318°	-14°	3.3dB	354°K	372991 -26 Hz
2022-11-22	Tuesday	08:00	204°	+26°	0 dB	0°	204°	+26°	325°	-14°	3.3dB	355°K	372887 -62 Hz
2022-11-22	Tuesday	08:30	211°	+24°	0 dB	0°	211°	+24°	332°	-14°	3.3dB	356°K	372783 -96 Hz
2022-11-22	Tuesday	09:00	218°	+21°	0 dB	0°	218°	+21°	340°	-14°	3.3dB	357°K	372679 -127 Hz
2022-11-22	Tuesday	09:30	225°	+17°	0 dB	0°	225°	+17°	347°	-14°	3.3dB	359°K	372576 -155 Hz
2022-11-22	Tuesday	10:00	231°	+13°	0 dB	0°	231°	+13°	354°	-14°	3.3dB	360°K	372474 -179 Hz
2022-11-22	Tuesday	10:30	237°	+9°	0 dB	0°	237°	+9°	1°	-14°	3.3dB	361°K	372371 -199 Hz
2022-11-22	Tuesday	11:00	242°	+5°	0 dB	0°	242°	+5°	9°	-15°	3.3dB	362°K	372269 -216 Hz
2022-11-22	Tuesday	11:30	247°	-0°	0 dB	0°	247°	-0°	16°	-15°	3.3dB	363°K	372168 -227 Hz
2022-11-23	Wednesday	03:00	122°	+3°	0 dB	0°	122°	+3°	240°	-18°	3.5dB	398°K	369232 +295 Hz
2022-11-23	Wednesday	03:30	128°	+7°	0 dB	0°	128°	+7°	247°	-18°	3.5dB	399°K	369144 +277 Hz
2022-11-23	Wednesday	04:00	133°	+11°	0 dB	0°	133°	+11°	254°	-18°	3.5dB	400°K	369058 +255 Hz
2022-11-23	Wednesday	04:30	140°	+14°	0 dB	0°	140°	+14°	262°	-19°	3.5dB	401°K	368971 +230 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-23	Wednesday05:00	146°	+17°	0 dB	0°	146°	+17°	269°	-19°	3.6dB	402°K	368886	+201 Hz
2022-11-23	Wednesday05:30	153°	+20°	0 dB	0°	153°	+20°	276°	-19°	3.6dB	403°K	368801	+170 Hz
2022-11-23	Wednesday06:00	160°	+22°	0 dB	0°	160°	+22°	283°	-19°	3.6dB	404°K	368716	+136 Hz
2022-11-23	Wednesday06:30	167°	+23°	0 dB	0°	167°	+23°	291°	-19°	3.6dB	405°K	368632	+101 Hz
2022-11-23	Wednesday07:00	175°	+24°	0 dB	0°	175°	+24°	298°	-19°	3.6dB	406°K	368548	+65 Hz
2022-11-23	Wednesday07:30	182°	+24°	0 dB	0°	182°	+24°	305°	-19°	3.6dB	407°K	368465	+28 Hz
2022-11-23	Wednesday08:00	190°	+23°	0 dB	0°	190°	+23°	312°	-19°	3.6dB	408°K	368382	-8 Hz
2022-11-23	Wednesday08:30	197°	+22°	0 dB	0°	197°	+22°	320°	-19°	3.6dB	409°K	368300	-43 Hz
2022-11-23	Wednesday09:00	204°	+20°	0 dB	0°	204°	+20°	327°	-19°	3.6dB	410°K	368218	-77 Hz
2022-11-23	Wednesday09:30	211°	+18°	0 dB	0°	211°	+18°	334°	-20°	3.6dB	412°K	368137	-109 Hz
2022-11-23	Wednesday10:00	217°	+15°	0 dB	0°	217°	+15°	341°	-20°	3.6dB	SUN!	368057	-138 Hz
2022-11-23	Wednesday10:30	223°	+12°	0 dB	0°	223°	+12°	348°	-20°	3.6dB	SUN!	367977	-164 Hz
2022-11-23	Wednesday11:00	229°	+8°	0 dB	0°	229°	+8°	356°	-20°	3.6dB	SUN!	367898	-187 Hz
2022-11-23	Wednesday11:30	235°	+4°	0 dB	0°	235°	+4°	3°	-20°	3.6dB	SUN!	367819	-206 Hz
2022-11-24	Thursday04:00	125°	+0°	0 dB	0°	125°	+0°	241°	-23°	4.4dB	SUN!	365537	+270 Hz
2022-11-24	Thursday04:30	131°	+4°	0 dB	0°	131°	+4°	248°	-23°	4.4dB	SUN!	365478	+252 Hz
2022-11-24	Thursday05:00	136°	+7°	0 dB	0°	136°	+7°	255°	-23°	4.5dB	SUN!	365420	+231 Hz
2022-11-24	Thursday05:30	142°	+11°	0 dB	0°	142°	+11°	262°	-23°	4.5dB	SUN!	365362	+206 Hz
2022-11-24	Thursday06:00	149°	+13°	0 dB	0°	149°	+13°	270°	-23°	4.5dB	SUN!	365305	+178 Hz
2022-11-24	Thursday06:30	155°	+16°	0 dB	0°	155°	+16°	277°	-23°	4.6dB	SUN!	365248	+148 Hz
2022-11-24	Thursday07:00	162°	+18°	0 dB	0°	162°	+18°	284°	-23°	4.6dB	SUN!	365192	+116 Hz
2022-11-24	Thursday07:30	168°	+19°	0 dB	0°	168°	+19°	291°	-24°	4.6dB	SUN!	365137	+82 Hz
2022-11-24	Thursday08:00	175°	+19°	0 dB	0°	175°	+19°	298°	-24°	4.7dB	SUN!	365083	+47 Hz
2022-11-24	Thursday08:30	183°	+19°	0 dB	0°	183°	+19°	306°	-24°	4.7dB	SUN!	365029	+12 Hz
2022-11-24	Thursday09:00	189°	+19°	0 dB	0°	189°	+19°	313°	-24°	4.7dB	SUN!	364975	-23 Hz
2022-11-24	Thursday09:30	196°	+18°	0 dB	0°	196°	+18°	320°	-24°	4.8dB	SUN!	364923	-57 Hz
2022-11-24	Thursday10:00	203°	+16°	0 dB	0°	203°	+16°	327°	-24°	4.8dB	SUN!	364870	-89 Hz
2022-11-24	Thursday10:30	209°	+14°	0 dB	0°	209°	+14°	334°	-24°	4.8dB	SUN!	364819	-120 Hz
2022-11-24	Thursday11:00	216°	+11°	0 dB	0°	216°	+11°	342°	-24°	4.9dB	SUN!	364768	-148 Hz
2022-11-24	Thursday11:30	221°	+8°	0 dB	0°	221°	+8°	349°	-24°	4.9dB	SUN!	364718	-173 Hz
2022-11-24	Thursday12:00	227°	+4°	0 dB	0°	227°	+4°	356°	-24°	5.0dB	SUN!	364669	-194 Hz
2022-11-24	Thursday12:30	232°	+0°	0 dB	0°	232°	+0°	3°	-24°	5.0dB	SUN!	364620	-212 Hz
2022-11-25	Friday05:30	132°	+1°	0 dB	0°	132°	+1°	248°	-26°	7.9dB	1278°K	363345	+231 Hz
2022-11-25	Friday06:00	138°	+5°	0 dB	0°	138°	+5°	255°	-26°	8.0dB	1311°K	363319	+211 Hz
2022-11-25	Friday06:30	143°	+8°	0 dB	0°	143°	+8°	262°	-26°	8.1dB	1345°K	363294	+187 Hz
2022-11-25	Friday07:00	149°	+10°	0 dB	0°	149°	+10°	269°	-26°	8.2dB	1378°K	363269	+160 Hz
2022-11-25	Friday07:30	155°	+13°	0 dB	0°	155°	+13°	276°	-26°	8.3dB	1412°K	363245	+131 Hz
2022-11-25	Friday08:00	162°	+14°	0 dB	0°	162°	+14°	283°	-26°	8.4dB	1445°K	363222	+100 Hz
2022-11-25	Friday08:30	168°	+16°	0 dB	0°	168°	+16°	291°	-26°	8.5dB	1479°K	363199	+67 Hz
2022-11-25	Friday09:00	175°	+16°	0 dB	0°	175°	+16°	298°	-27°	8.6dB	1512°K	363177	+34 Hz
2022-11-25	Friday09:30	182°	+16°	0 dB	0°	182°	+16°	305°	-27°	8.7dB	1546°K	363156	0 Hz
2022-11-25	Friday10:00	189°	+16°	0 dB	0°	189°	+16°	312°	-27°	8.8dB	1580°K	363135	-34 Hz
2022-11-25	Friday10:30	195°	+15°	0 dB	0°	195°	+15°	319°	-27°	8.9dB	1619°K	363115	-67 Hz
2022-11-25	Friday11:00	202°	+13°	0 dB	0°	202°	+13°	326°	-27°	9.1dB	1697°K	363096	-99 Hz
2022-11-25	Friday11:30	208°	+11°	0 dB	0°	208°	+11°	334°	-27°	9.3dB	1774°K	363077	-129 Hz
2022-11-25	Friday12:00	214°	+9°	0 dB	0°	214°	+9°	341°	-27°	9.4dB	1852°K	363059	-156 Hz
2022-11-25	Friday12:30	219°	+6°	0 dB	0°	219°	+6°	348°	-27°	9.6dB	1929°K	363042	-181 Hz
2022-11-25	Friday13:00	225°	+2°	0 dB	0°	225°	+2°	355°	-27°	9.8dB	2007°K	363025	-202 Hz
2022-11-26	Saturday07:00	137°	+3°	0 dB	0°	137°	+3°	253°	-27°	10.2dB	2215°K	362854	+197 Hz
2022-11-26	Saturday07:30	143°	+6°	0 dB	0°	143°	+6°	261°	-27°	10.1dB	2159°K	362861	+174 Hz
2022-11-26	Saturday08:00	149°	+9°	0 dB	0°	149°	+9°	268°	-27°	10.0dB	2102°K	362868	+148 Hz
2022-11-26	Saturday08:30	155°	+11°	0 dB	0°	155°	+11°	275°	-27°	9.9dB	2046°K	362877	+120 Hz
2022-11-26	Saturday09:00	161°	+13°	0 dB	0°	161°	+13°	282°	-27°	9.7dB	1990°K	362885	+90 Hz
2022-11-26	Saturday09:30	167°	+15°	0 dB	0°	167°	+15°	289°	-27°	9.6dB	1933°K	362895	+58 Hz
2022-11-26	Saturday10:00	174°	+15°	0 dB	0°	174°	+15°	297°	-27°	9.5dB	1877°K	362905	+25 Hz
2022-11-26	Saturday10:30	181°	+16°	0 dB	0°	181°	+16°	304°	-27°	9.4dB	1821°K	362916	-9 Hz
2022-11-26	Saturday11:00	187°	+15°	0 dB	0°	187°	+15°	311°	-27°	9.2dB	1764°K	362927	-42 Hz
2022-11-26	Saturday11:30	194°	+14°	0 dB	0°	194°	+14°	318°	-27°	9.1dB	1708°K	362939	-75 Hz
2022-11-26	Saturday12:00	200°	+13°	0 dB	0°	200°	+13°	325°	-27°	9.0dB	1652°K	362951	-107 Hz
2022-11-26	Saturday12:30	206°	+11°	0 dB	0°	206°	+11°	332°	-27°	8.8dB	1595°K	362964	-137 Hz
2022-11-26	Saturday13:00	212°	+8°	0 dB	0°	212°	+8°	340°	-27°	8.7dB	1539°K	362978	-165 Hz
2022-11-26	Saturday13:30	218°	+6°	0 dB	0°	218°	+6°	347°	-27°	8.5dB	1483°K	362992	-190 Hz
2022-11-26	Saturday14:00	224°	+2°	0 dB	0°	224°	+2°	354°	-27°	8.3dB	1426°K	363007	-212 Hz
2022-11-27	Sunday08:00	136°	+3°	0 dB	0°	136°	+3°	252°	-27°	4.1dB	492°K	363924	+189 Hz
2022-11-27	Sunday08:30	142°	+6°	0 dB	0°	142°	+6°	259°	-27°	4.0dB	486°K	363959	+167 Hz
2022-11-27	Sunday09:00	147°	+9°	0 dB	0°	147°	+9°	267°	-26°	4.0dB	479°K	363995	+142 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-27	Sunday	09:30	153°	+12°	0 dB	0°	153°	+12°	274°	-26°	3.9dB	472°K	364032 +113 Hz
2022-11-27	Sunday	10:00	160°	+14°	0 dB	0°	160°	+14°	281°	-26°	3.9dB	465°K	364069 +83 Hz
2022-11-27	Sunday	10:30	166°	+15°	0 dB	0°	166°	+15°	288°	-26°	3.8dB	458°K	364106 +51 Hz
2022-11-27	Sunday	11:00	173°	+16°	0 dB	0°	173°	+16°	295°	-26°	3.8dB	451°K	364144 +18 Hz
2022-11-27	Sunday	11:30	180°	+17°	0 dB	0°	180°	+17°	303°	-26°	3.7dB	444°K	364183 -16 Hz
2022-11-27	Sunday	12:00	186°	+17°	0 dB	0°	186°	+17°	310°	-26°	3.7dB	438°K	364222 -50 Hz
2022-11-27	Sunday	12:30	193°	+16°	0 dB	0°	193°	+16°	317°	-26°	3.6dB	431°K	364261 -84 Hz
2022-11-27	Sunday	13:00	200°	+14°	0 dB	0°	200°	+14°	324°	-26°	3.5dB	424°K	364301 -116 Hz
2022-11-27	Sunday	13:30	206°	+13°	0 dB	0°	206°	+13°	331°	-26°	3.5dB	417°K	364342 -147 Hz
2022-11-27	Sunday	14:00	212°	+10°	0 dB	0°	212°	+10°	338°	-26°	3.4dB	410°K	364383 -176 Hz
2022-11-27	Sunday	14:30	218°	+7°	0 dB	0°	218°	+7°	346°	-26°	3.4dB	404°K	364424 -202 Hz
2022-11-27	Sunday	15:00	224°	+4°	0 dB	0°	224°	+4°	353°	-26°	3.3dB	397°K	364466 -225 Hz
2022-11-27	Sunday	15:30	229°	+0°	0 dB	0°	229°	+0°	0°	-26°	3.2dB	390°K	364509 -245 Hz
2022-11-28	Monday	08:30	129°	+2°	0 dB	0°	129°	+2°	245°	-24°	2.6dB	326°K	366214 +205 Hz
2022-11-28	Monday	09:00	134°	+5°	0 dB	0°	134°	+5°	252°	-24°	2.6dB	326°K	366271 +186 Hz
2022-11-28	Monday	09:30	140°	+9°	0 dB	0°	140°	+9°	259°	-24°	2.7dB	326°K	366329 +164 Hz
2022-11-28	Monday	10:00	146°	+12°	0 dB	0°	146°	+12°	266°	-24°	2.7dB	326°K	366387 +138 Hz
2022-11-28	Monday	10:30	152°	+15°	0 dB	0°	152°	+15°	273°	-23°	2.7dB	326°K	366445 +109 Hz
2022-11-28	Monday	11:00	159°	+17°	0 dB	0°	159°	+17°	281°	-23°	2.7dB	326°K	366504 +78 Hz
2022-11-28	Monday	11:30	165°	+18°	0 dB	0°	165°	+18°	288°	-23°	2.7dB	326°K	366563 +45 Hz
2022-11-28	Monday	12:00	172°	+19°	0 dB	0°	172°	+19°	295°	-23°	2.7dB	326°K	366623 +11 Hz
2022-11-28	Monday	12:30	179°	+20°	0 dB	0°	179°	+20°	302°	-23°	2.7dB	326°K	366683 -24 Hz
2022-11-28	Monday	13:00	186°	+20°	0 dB	0°	186°	+20°	309°	-23°	2.7dB	326°K	366743 -59 Hz
2022-11-28	Monday	13:30	193°	+19°	0 dB	0°	193°	+19°	317°	-23°	2.7dB	326°K	366803 -94 Hz
2022-11-28	Monday	14:00	200°	+18°	0 dB	0°	200°	+18°	324°	-23°	2.7dB	326°K	366864 -127 Hz
2022-11-28	Monday	14:30	207°	+16°	0 dB	0°	207°	+16°	331°	-23°	2.7dB	326°K	366925 -159 Hz
2022-11-28	Monday	15:00	213°	+13°	0 dB	0°	213°	+13°	338°	-23°	2.7dB	326°K	366987 -189 Hz
2022-11-28	Monday	15:30	219°	+10°	0 dB	0°	219°	+10°	346°	-23°	2.7dB	326°K	367049 -216 Hz
2022-11-28	Monday	16:00	225°	+7°	0 dB	0°	225°	+7°	353°	-23°	2.7dB	326°K	367111 -240 Hz
2022-11-28	Monday	16:30	231°	+3°	0 dB	0°	231°	+3°	360°	-22°	2.7dB	326°K	367174 -261 Hz
2022-11-29	Tuesday	09:00	121°	+1°	0 dB	0°	121°	+1°	238°	-19°	2.7dB	315°K	369403 +221 Hz
2022-11-29	Tuesday	09:30	127°	+5°	0 dB	0°	127°	+5°	245°	-19°	2.7dB	314°K	369475 +205 Hz
2022-11-29	Tuesday	10:00	132°	+9°	0 dB	0°	132°	+9°	253°	-19°	2.7dB	313°K	369547 +186 Hz
2022-11-29	Tuesday	10:30	138°	+13°	0 dB	0°	138°	+13°	260°	-19°	2.6dB	311°K	369620 +162 Hz
2022-11-29	Tuesday	11:00	144°	+16°	0 dB	0°	144°	+16°	267°	-19°	2.6dB	310°K	369692 +135 Hz
2022-11-29	Tuesday	11:30	151°	+19°	0 dB	0°	151°	+19°	274°	-19°	2.6dB	309°K	369765 +105 Hz
2022-11-29	Tuesday	12:00	158°	+21°	0 dB	0°	158°	+21°	281°	-19°	2.6dB	308°K	369838 +72 Hz
2022-11-29	Tuesday	12:30	165°	+23°	0 dB	0°	165°	+23°	289°	-19°	2.6dB	307°K	369912 +38 Hz
2022-11-29	Tuesday	13:00	173°	+24°	0 dB	0°	173°	+24°	296°	-19°	2.6dB	306°K	369985 +2 Hz
2022-11-29	Tuesday	13:30	180°	+25°	0 dB	0°	180°	+25°	303°	-18°	2.6dB	304°K	370059 -34 Hz
2022-11-29	Tuesday	14:00	188°	+24°	0 dB	0°	188°	+24°	310°	-18°	2.6dB	303°K	370133 -71 Hz
2022-11-29	Tuesday	14:30	195°	+23°	0 dB	0°	195°	+23°	318°	-18°	2.6dB	302°K	370207 -107 Hz
2022-11-29	Tuesday	15:00	203°	+22°	0 dB	0°	203°	+22°	325°	-18°	2.5dB	301°K	370281 -142 Hz
2022-11-29	Tuesday	15:30	210°	+20°	0 dB	0°	210°	+20°	332°	-18°	2.5dB	300°K	370356 -175 Hz
2022-11-29	Tuesday	16:00	216°	+17°	0 dB	0°	216°	+17°	339°	-18°	2.5dB	298°K	370431 -205 Hz
2022-11-29	Tuesday	16:30	223°	+14°	0 dB	0°	223°	+14°	347°	-18°	2.5dB	297°K	370506 -233 Hz
2022-11-29	Tuesday	17:00	229°	+11°	0 dB	0°	229°	+11°	354°	-18°	2.5dB	296°K	370581 -257 Hz
2022-11-29	Tuesday	17:30	235°	+7°	0 dB	0°	235°	+7°	1°	-18°	2.5dB	295°K	370656 -278 Hz
2022-11-29	Tuesday	18:00	240°	+2°	0 dB	0°	240°	+2°	8°	-18°	2.5dB	293°K	370731 -295 Hz
2022-11-30	Wednesday	09:30	114°	+2°	0 dB	0°	114°	+2°	233°	-14°	1.9dB	243°K	373147 +236 Hz
2022-11-30	Wednesday	10:00	119°	+7°	0 dB	0°	119°	+7°	240°	-14°	1.9dB	243°K	373227 +223 Hz
2022-11-30	Wednesday	10:30	125°	+11°	0 dB	0°	125°	+11°	247°	-14°	1.9dB	243°K	373307 +206 Hz
2022-11-30	Wednesday	11:00	131°	+15°	0 dB	0°	131°	+15°	254°	-14°	1.9dB	243°K	373387 +184 Hz
2022-11-30	Wednesday	11:30	137°	+19°	0 dB	0°	137°	+19°	262°	-14°	1.9dB	243°K	373467 +158 Hz
2022-11-30	Wednesday	12:00	144°	+22°	0 dB	0°	144°	+22°	269°	-13°	1.9dB	243°K	373548 +129 Hz
2022-11-30	Wednesday	12:30	151°	+25°	0 dB	0°	151°	+25°	276°	-13°	1.9dB	243°K	373628 +97 Hz
2022-11-30	Wednesday	13:00	158°	+27°	0 dB	0°	158°	+27°	283°	-13°	1.9dB	243°K	373709 +63 Hz
2022-11-30	Wednesday	13:30	166°	+29°	0 dB	0°	166°	+29°	291°	-13°	1.9dB	243°K	373789 +27 Hz
2022-11-30	Wednesday	14:00	174°	+30°	0 dB	0°	174°	+30°	298°	-13°	2.0dB	243°K	373870 -11 Hz
2022-11-30	Wednesday	14:30	183°	+30°	0 dB	0°	183°	+30°	305°	-13°	2.0dB	243°K	373951 -48 Hz
2022-11-30	Wednesday	15:00	191°	+30°	0 dB	0°	191°	+30°	312°	-13°	2.0dB	243°K	374032 -86 Hz
2022-11-30	Wednesday	15:30	199°	+29°	0 dB	0°	199°	+29°	320°	-13°	2.0dB	243°K	374112 -123 Hz
2022-11-30	Wednesday	16:00	207°	+27°	0 dB	0°	207°	+27°	327°	-13°	2.0dB	243°K	374193 -159 Hz
2022-11-30	Wednesday	16:30	214°	+24°	0 dB	0°	214°	+24°	334°	-12°	2.0dB	243°K	374275 -192 Hz
2022-11-30	Wednesday	17:00	221°	+21°	0 dB	0°	221°	+21°	341°	-12°	2.0dB	243°K	374356 -223 Hz
2022-11-30	Wednesday	17:30	228°	+18°	0 dB	0°	228°	+18°	349°	-12°	2.0dB	243°K	374437 -250 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-11-30	Wednesday 18:00	234°	+14°	0 dB	0°	234°	+14°	356°	-12°	2.0dB	243°K	374518	-274 Hz
2022-11-30	Wednesday 18:30	240°	+10°	0 dB	0°	240°	+10°	3°	-12°	2.0dB	243°K	374600	-294 Hz
2022-11-30	Wednesday 19:00	246°	+6°	0 dB	0°	246°	+6°	10°	-12°	2.0dB	243°K	374681	-310 Hz
2022-11-30	Wednesday 19:30	251°	+1°	0 dB	0°	251°	+1°	18°	-12°	2.0dB	243°K	374762	-321 Hz
2022-12-01	Thursday 10:00	107°	+4°	0 dB	0°	107°	+4°	228°	-8°	2.0dB	239°K	377144	+249 Hz
2022-12-01	Thursday 10:30	112°	+9°	0 dB	0°	112°	+9°	236°	-8°	2.1dB	239°K	377226	+238 Hz
2022-12-01	Thursday 11:00	118°	+13°	0 dB	0°	118°	+13°	243°	-8°	2.1dB	239°K	377309	+223 Hz
2022-12-01	Thursday 11:30	123°	+18°	0 dB	0°	123°	+18°	250°	-8°	2.1dB	239°K	377391	+203 Hz
2022-12-01	Thursday 12:00	130°	+22°	0 dB	0°	130°	+22°	257°	-8°	2.1dB	239°K	377474	+179 Hz
2022-12-01	Thursday 12:30	136°	+26°	0 dB	0°	136°	+26°	265°	-7°	2.1dB	239°K	377556	+151 Hz
2022-12-01	Thursday 13:00	144°	+29°	0 dB	0°	144°	+29°	272°	-7°	2.1dB	239°K	377639	+120 Hz
2022-12-01	Thursday 13:30	151°	+32°	0 dB	0°	151°	+32°	279°	-7°	2.1dB	239°K	377721	+86 Hz
2022-12-01	Thursday 14:00	160°	+34°	0 dB	0°	160°	+34°	286°	-7°	2.1dB	239°K	377804	+50 Hz
2022-12-01	Thursday 14:30	168°	+36°	0 dB	0°	168°	+36°	294°	-7°	2.1dB	239°K	377886	+12 Hz
2022-12-01	Thursday 15:00	177°	+36°	0 dB	0°	177°	+36°	301°	-7°	2.1dB	239°K	377969	-27 Hz
2022-12-01	Thursday 15:30	186°	+36°	0 dB	0°	186°	+36°	308°	-7°	2.1dB	239°K	378051	-66 Hz
2022-12-01	Thursday 16:00	195°	+36°	0 dB	0°	195°	+36°	315°	-7°	2.1dB	239°K	378134	-104 Hz
2022-12-01	Thursday 16:30	204°	+34°	0 dB	0°	204°	+34°	323°	-6°	2.1dB	239°K	378216	-141 Hz
2022-12-01	Thursday 17:00	212°	+32°	0 dB	0°	212°	+32°	330°	-6°	2.1dB	239°K	378299	-177 Hz
2022-12-01	Thursday 17:30	220°	+29°	0 dB	0°	220°	+29°	337°	-6°	2.1dB	239°K	378381	-210 Hz
2022-12-01	Thursday 18:00	227°	+25°	0 dB	0°	227°	+25°	345°	-6°	2.1dB	239°K	378464	-240 Hz
2022-12-01	Thursday 18:30	234°	+22°	0 dB	0°	234°	+22°	352°	-6°	2.1dB	239°K	378546	-267 Hz
2022-12-01	Thursday 19:00	240°	+17°	0 dB	0°	240°	+17°	359°	-6°	2.1dB	239°K	378628	-290 Hz
2022-12-01	Thursday 19:30	246°	+13°	0 dB	0°	246°	+13°	6°	-6°	2.1dB	239°K	378711	-308 Hz
2022-12-01	Thursday 20:00	252°	+8°	0 dB	0°	252°	+8°	14°	-6°	2.1dB	239°K	378793	-322 Hz
2022-12-01	Thursday 20:30	257°	+4°	0 dB	0°	257°	+4°	21°	-5°	2.1dB	239°K	378875	-331 Hz
2022-12-02	Fri day 10:00	094°	+1°	0 dB	0°	094°	+1°	217°	-2°	2.4dB	253°K	381087	+262 Hz
2022-12-02	Fri day 10:30	100°	+6°	0 dB	0°	100°	+6°	224°	-2°	2.4dB	253°K	381169	+258 Hz
2022-12-02	Fri day 11:00	105°	+11°	0 dB	0°	105°	+11°	232°	-2°	2.4dB	254°K	381250	+249 Hz
2022-12-02	Fri day 11:30	110°	+16°	0 dB	0°	110°	+16°	239°	-2°	2.5dB	254°K	381331	+236 Hz
2022-12-02	Fri day 12:00	116°	+20°	0 dB	0°	116°	+20°	246°	-1°	2.5dB	255°K	381412	+218 Hz
2022-12-02	Fri day 12:30	122°	+25°	0 dB	0°	122°	+25°	254°	-1°	2.5dB	255°K	381493	+195 Hz
2022-12-02	Fri day 13:00	129°	+29°	0 dB	0°	129°	+29°	261°	-1°	2.5dB	256°K	381575	+169 Hz
2022-12-02	Fri day 13:30	136°	+33°	0 dB	0°	136°	+33°	268°	-1°	2.5dB	257°K	381656	+139 Hz
2022-12-02	Fri day 14:00	144°	+36°	0 dB	0°	144°	+36°	275°	-1°	2.5dB	257°K	381737	+106 Hz
2022-12-02	Fri day 14:30	153°	+39°	0 dB	0°	153°	+39°	283°	-1°	2.5dB	258°K	381817	+70 Hz
2022-12-02	Fri day 15:00	162°	+41°	0 dB	0°	162°	+41°	290°	-1°	2.5dB	258°K	381898	+33 Hz
2022-12-02	Fri day 15:30	172°	+42°	0 dB	0°	172°	+42°	297°	-1°	2.5dB	259°K	381979	-6 Hz
2022-12-02	Fri day 16:00	182°	+43°	0 dB	0°	182°	+43°	304°	-0°	2.6dB	259°K	382060	-45 Hz
2022-12-02	Fri day 16:30	192°	+42°	0 dB	0°	192°	+42°	312°	-0°	2.6dB	260°K	382141	-85 Hz
2022-12-02	Fri day 17:00	202°	+41°	0 dB	0°	202°	+41°	319°	-0°	2.6dB	261°K	382221	-123 Hz
2022-12-02	Fri day 17:30	211°	+39°	0 dB	0°	211°	+39°	326°	-0°	2.6dB	261°K	382302	-160 Hz
2022-12-02	Fri day 18:00	219°	+36°	0 dB	0°	219°	+36°	334°	+0°	2.6dB	262°K	382382	-195 Hz
2022-12-02	Fri day 18:30	227°	+33°	0 dB	0°	227°	+33°	341°	+0°	2.6dB	262°K	382463	-227 Hz
2022-12-02	Fri day 19:00	235°	+29°	0 dB	0°	235°	+29°	348°	+0°	2.6dB	263°K	382543	-255 Hz
2022-12-02	Fri day 19:30	241°	+25°	0 dB	0°	241°	+25°	355°	+0°	2.6dB	263°K	382624	-280 Hz
2022-12-02	Fri day 20:00	248°	+20°	0 dB	0°	248°	+20°	3°	+1°	2.6dB	264°K	382704	-301 Hz
2022-12-02	Fri day 20:30	253°	+15°	0 dB	0°	253°	+15°	10°	+1°	2.7dB	264°K	382784	-317 Hz
2022-12-02	Fri day 21:00	259°	+11°	0 dB	0°	259°	+11°	17°	+1°	2.7dB	265°K	382864	-329 Hz
2022-12-02	Fri day 21:30	265°	+6°	0 dB	0°	265°	+6°	24°	+1°	2.7dB	266°K	382944	-336 Hz
2022-12-02	Fri day 22:00	270°	+1°	0 dB	0°	270°	+1°	32°	+1°	2.7dB	266°K	383024	-338 Hz
2022-12-03	Saturday 10:30	088°	+3°	0 dB	0°	088°	+3°	214°	+4°	3.0dB	280°K	385001	+264 Hz
2022-12-03	Saturday 11:00	093°	+8°	0 dB	0°	093°	+8°	221°	+4°	3.0dB	281°K	385079	+262 Hz
2022-12-03	Saturday 11:30	098°	+13°	0 dB	0°	098°	+13°	228°	+5°	3.0dB	281°K	385157	+256 Hz
2022-12-03	Saturday 12:00	103°	+18°	0 dB	0°	103°	+18°	236°	+5°	3.0dB	282°K	385235	+245 Hz
2022-12-03	Saturday 12:30	109°	+23°	0 dB	0°	109°	+23°	243°	+5°	3.0dB	283°K	385313	+229 Hz
2022-12-03	Saturday 13:00	115°	+28°	0 dB	0°	115°	+28°	250°	+5°	3.0dB	283°K	385391	+208 Hz
2022-12-03	Saturday 13:30	122°	+32°	0 dB	0°	122°	+32°	257°	+5°	3.0dB	284°K	385469	+183 Hz
2022-12-03	Saturday 14:00	129°	+37°	0 dB	0°	129°	+37°	265°	+5°	3.0dB	284°K	385546	+155 Hz
2022-12-03	Saturday 14:30	137°	+40°	0 dB	0°	137°	+40°	272°	+5°	3.1dB	285°K	385624	+123 Hz
2022-12-03	Saturday 15:00	146°	+44°	0 dB	0°	146°	+44°	279°	+5°	3.1dB	285°K	385701	+89 Hz
2022-12-03	Saturday 15:30	155°	+46°	0 dB	0°	155°	+46°	286°	+6°	3.1dB	286°K	385779	+52 Hz
2022-12-03	Saturday 16:00	166°	+48°	0 dB	0°	166°	+48°	294°	+6°	3.1dB	287°K	385856	+14 Hz
2022-12-03	Saturday 16:30	177°	+49°	0 dB	0°	177°	+49°	301°	+6°	3.1dB	287°K	385933	-26 Hz
2022-12-03	Saturday 17:00	188°	+49°	0 dB	0°	188°	+49°	308°	+6°	3.1dB	288°K	386010	-65 Hz
2022-12-03	Saturday 17:30	199°	+48°	0 dB	0°	199°	+48°	316°	+6°	3.1dB	288°K	386087	-104 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-12-03	Saturday	18:00	209°	+46°	0 dB	0°	209°	+46°	323°	+6°	3.1dB	289°K	386164	-141 Hz
2022-12-03	Saturday	18:30	219°	+43°	0 dB	0°	219°	+43°	330°	+6°	3.1dB	289°K	386241	-177 Hz
2022-12-03	Saturday	19:00	228°	+40°	0 dB	0°	228°	+40°	337°	+6°	3.1dB	290°K	386318	-210 Hz
2022-12-03	Saturday	19:30	235°	+36°	0 dB	0°	235°	+36°	345°	+7°	3.2dB	291°K	386394	-240 Hz
2022-12-03	Saturday	20:00	243°	+32°	0 dB	0°	243°	+32°	352°	+7°	3.2dB	291°K	386471	-267 Hz
2022-12-03	Saturday	20:30	249°	+27°	0 dB	0°	249°	+27°	359°	+7°	3.2dB	292°K	386548	-290 Hz
2022-12-03	Saturday	21:00	255°	+22°	0 dB	0°	255°	+22°	7°	+7°	3.2dB	292°K	386624	-308 Hz
2022-12-03	Saturday	21:30	261°	+17°	0 dB	0°	261°	+17°	14°	+7°	3.2dB	293°K	386700	-322 Hz
2022-12-03	Saturday	22:00	266°	+12°	0 dB	0°	266°	+12°	21°	+7°	3.2dB	293°K	386777	-330 Hz
2022-12-03	Saturday	22:30	272°	+7°	0 dB	0°	272°	+7°	28°	+7°	3.2dB	294°K	386853	-335 Hz
2022-12-03	Saturday	23:00	277°	+3°	0 dB	0°	277°	+3°	36°	+7°	3.2dB	294°K	386929	-334 Hz
2022-12-04	Sunday	11:00	081°	+4°	0 dB	0°	081°	+4°	210°	+10°	3.4dB	302°K	388729	+262 Hz
2022-12-04	Sunday	11:30	086°	+10°	0 dB	0°	086°	+10°	218°	+10°	3.4dB	302°K	388803	+263 Hz
2022-12-04	Sunday	12:00	091°	+15°	0 dB	0°	091°	+15°	225°	+10°	3.4dB	302°K	388876	+258 Hz
2022-12-04	Sunday	12:30	096°	+20°	0 dB	0°	096°	+20°	232°	+11°	3.4dB	303°K	388950	+249 Hz
2022-12-04	Sunday	13:00	102°	+25°	0 dB	0°	102°	+25°	239°	+11°	3.4dB	303°K	389024	+235 Hz
2022-12-04	Sunday	13:30	108°	+30°	0 dB	0°	108°	+30°	247°	+11°	3.4dB	303°K	389097	+217 Hz
2022-12-04	Sunday	14:00	114°	+35°	0 dB	0°	114°	+35°	254°	+11°	3.4dB	303°K	389171	+195 Hz
2022-12-04	Sunday	14:30	121°	+39°	0 dB	0°	121°	+39°	261°	+11°	3.4dB	304°K	389244	+168 Hz
2022-12-04	Sunday	15:00	129°	+44°	0 dB	0°	129°	+44°	268°	+11°	3.5dB	304°K	389317	+138 Hz
2022-12-04	Sunday	15:30	138°	+48°	0 dB	0°	138°	+48°	276°	+11°	3.5dB	305°K	389390	+105 Hz
2022-12-04	Sunday	16:00	147°	+51°	0 dB	0°	147°	+51°	283°	+11°	3.5dB	307°K	389463	+70 Hz
2022-12-04	Sunday	16:30	159°	+53°	0 dB	0°	159°	+53°	290°	+11°	3.5dB	308°K	389536	+33 Hz
2022-12-04	Sunday	17:00	171°	+55°	0 dB	0°	171°	+55°	298°	+12°	3.5dB	310°K	389609	-6 Hz
2022-12-04	Sunday	17:30	183°	+55°	0 dB	0°	183°	+55°	305°	+12°	3.6dB	311°K	389682	-44 Hz
2022-12-04	Sunday	18:00	196°	+54°	0 dB	0°	196°	+54°	312°	+12°	3.6dB	313°K	389754	-83 Hz
2022-12-04	Sunday	18:30	207°	+53°	0 dB	0°	207°	+53°	319°	+12°	3.6dB	314°K	389827	-121 Hz
2022-12-04	Sunday	19:00	218°	+50°	0 dB	0°	218°	+50°	327°	+12°	3.6dB	315°K	389899	-157 Hz
2022-12-04	Sunday	19:30	228°	+47°	0 dB	0°	228°	+47°	334°	+12°	3.6dB	317°K	389972	-191 Hz
2022-12-04	Sunday	20:00	236°	+43°	0 dB	0°	236°	+43°	341°	+12°	3.6dB	318°K	390044	-222 Hz
2022-12-04	Sunday	20:30	244°	+38°	0 dB	0°	244°	+38°	348°	+12°	3.7dB	320°K	390116	-250 Hz
2022-12-04	Sunday	21:00	250°	+34°	0 dB	0°	250°	+34°	356°	+12°	3.7dB	321°K	390188	-274 Hz
2022-12-04	Sunday	21:30	257°	+29°	0 dB	0°	257°	+29°	3°	+13°	3.7dB	323°K	390260	-294 Hz
2022-12-04	Sunday	22:00	262°	+24°	0 dB	0°	262°	+24°	10°	+13°	3.7dB	324°K	390332	-310 Hz
2022-12-04	Sunday	22:30	268°	+19°	0 dB	0°	268°	+19°	18°	+13°	3.7dB	325°K	390404	-321 Hz
2022-12-04	Sunday	23:00	273°	+14°	0 dB	0°	273°	+14°	25°	+13°	3.8dB	327°K	390476	-327 Hz
2022-12-04	Sunday	23:30	278°	+9°	0 dB	0°	278°	+9°	32°	+13°	3.8dB	328°K	390547	-328 Hz
2022-12-05	Monday	00:00	284°	+4°	0 dB	0°	284°	+4°	39°	+13°	3.8dB	330°K	390619	-325 Hz
2022-12-05	Monday	11:00	070°	+1°	0 dB	0°	070°	+1°	199°	+15°	4.1dB	355°K	392168	+249 Hz
2022-12-05	Monday	11:30	075°	+6°	0 dB	0°	075°	+6°	207°	+16°	4.2dB	355°K	392237	+256 Hz
2022-12-05	Monday	12:00	080°	+11°	0 dB	0°	080°	+11°	214°	+16°	4.2dB	356°K	392306	+259 Hz
2022-12-05	Monday	12:30	084°	+16°	0 dB	0°	084°	+16°	221°	+16°	4.2dB	357°K	392375	+257 Hz
2022-12-05	Monday	13:00	090°	+21°	0 dB	0°	090°	+21°	228°	+16°	4.2dB	358°K	392444	+250 Hz
2022-12-05	Monday	13:30	095°	+26°	0 dB	0°	095°	+26°	236°	+16°	4.2dB	358°K	392513	+239 Hz
2022-12-05	Monday	14:00	100°	+31°	0 dB	0°	100°	+31°	243°	+16°	4.2dB	359°K	392582	+223 Hz
2022-12-05	Monday	14:30	106°	+36°	0 dB	0°	106°	+36°	250°	+16°	4.2dB	360°K	392651	+203 Hz
2022-12-05	Monday	15:00	113°	+41°	0 dB	0°	113°	+41°	257°	+16°	4.2dB	361°K	392719	+179 Hz
2022-12-05	Monday	15:30	120°	+46°	0 dB	0°	120°	+46°	265°	+16°	4.2dB	361°K	392788	+152 Hz
2022-12-05	Monday	16:00	129°	+50°	0 dB	0°	129°	+50°	272°	+16°	4.3dB	362°K	392856	+121 Hz
2022-12-05	Monday	16:30	138°	+54°	0 dB	0°	138°	+54°	279°	+17°	4.3dB	363°K	392924	+87 Hz
2022-12-05	Monday	17:00	149°	+57°	0 dB	0°	149°	+57°	286°	+17°	4.3dB	363°K	392993	+52 Hz
2022-12-05	Monday	17:30	162°	+59°	0 dB	0°	162°	+59°	294°	+17°	4.3dB	364°K	393061	+15 Hz
2022-12-05	Monday	18:00	176°	+60°	0 dB	0°	176°	+60°	301°	+17°	4.3dB	365°K	393129	-23 Hz
2022-12-05	Monday	18:30	190°	+60°	0 dB	0°	190°	+60°	308°	+17°	4.3dB	366°K	393196	-61 Hz
2022-12-05	Monday	19:00	204°	+59°	0 dB	0°	204°	+59°	316°	+17°	4.3dB	366°K	393264	-98 Hz
2022-12-05	Monday	19:30	216°	+56°	0 dB	0°	216°	+56°	323°	+17°	4.3dB	367°K	393332	-134 Hz
2022-12-05	Monday	20:00	227°	+53°	0 dB	0°	227°	+53°	330°	+17°	4.3dB	368°K	393399	-168 Hz
2022-12-05	Monday	20:30	236°	+49°	0 dB	0°	236°	+49°	337°	+17°	4.4dB	369°K	393467	-200 Hz
2022-12-05	Monday	21:00	244°	+45°	0 dB	0°	244°	+45°	345°	+17°	4.4dB	369°K	393534	-229 Hz
2022-12-05	Monday	21:30	251°	+40°	0 dB	0°	251°	+40°	352°	+18°	4.3dB	368°K	393601	-255 Hz
2022-12-05	Monday	22:00	258°	+35°	0 dB	0°	258°	+35°	359°	+18°	4.3dB	368°K	393669	-276 Hz
2022-12-05	Monday	22:30	264°	+30°	0 dB	0°	264°	+30°	6°	+18°	4.3dB	367°K	393736	-294 Hz
2022-12-05	Monday	23:00	269°	+25°	0 dB	0°	269°	+25°	14°	+18°	4.3dB	366°K	393803	-307 Hz
2022-12-05	Monday	23:30	274°	+20°	0 dB	0°	274°	+20°	21°	+18°	4.3dB	365°K	393869	-316 Hz
2022-12-06	Tuesday	00:00	279°	+15°	0 dB	0°	279°	+15°	28°	+18°	4.3dB	365°K	393936	-320 Hz
2022-12-06	Tuesday	00:30	284°	+10°	0 dB	0°	284°	+10°	35°	+18°	4.3dB	364°K	394003	-319 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-06	Tuesday	01:00	290°	+6°	0 dB	0°	290°	+6°	43°	+18°	4.3dB	363°K	394069 -314 Hz
2022-12-06	Tuesday	01:30	295°	+1°	0 dB	0°	295°	+1°	50°	+18°	4.3dB	362°K	394136 -304 Hz
2022-12-06	Tuesday	11:30	064°	+2°	0 dB	0°	064°	+2°	195°	+20°	4.2dB	348°K	395441 +238 Hz
2022-12-06	Tuesday	12:00	068°	+6°	0 dB	0°	068°	+6°	202°	+20°	4.2dB	348°K	395505 +248 Hz
2022-12-06	Tuesday	12:30	073°	+11°	0 dB	0°	073°	+11°	210°	+20°	4.2dB	349°K	395569 +253 Hz
2022-12-06	Tuesday	13:00	078°	+16°	0 dB	0°	078°	+16°	217°	+20°	4.2dB	350°K	395633 +253 Hz
2022-12-06	Tuesday	13:30	083°	+21°	0 dB	0°	083°	+21°	224°	+20°	4.3dB	351°K	395697 +249 Hz
2022-12-06	Tuesday	14:00	088°	+26°	0 dB	0°	088°	+26°	231°	+21°	4.3dB	351°K	395760 +241 Hz
2022-12-06	Tuesday	14:30	093°	+32°	0 dB	0°	093°	+32°	239°	+21°	4.3dB	352°K	395824 +228 Hz
2022-12-06	Tuesday	15:00	099°	+37°	0 dB	0°	099°	+37°	246°	+21°	4.3dB	353°K	395887 +211 Hz
2022-12-06	Tuesday	15:30	105°	+42°	0 dB	0°	105°	+42°	253°	+21°	4.3dB	354°K	395951 +190 Hz
2022-12-06	Tuesday	16:00	111°	+47°	0 dB	0°	111°	+47°	261°	+21°	4.3dB	355°K	396014 +165 Hz
2022-12-06	Tuesday	16:30	119°	+51°	0 dB	0°	119°	+51°	268°	+21°	4.3dB	355°K	396077 +136 Hz
2022-12-06	Tuesday	17:00	128°	+56°	0 dB	0°	128°	+56°	275°	+21°	4.3dB	356°K	396140 +105 Hz
2022-12-06	Tuesday	17:30	139°	+59°	0 dB	0°	139°	+59°	282°	+21°	4.3dB	357°K	396203 +72 Hz
2022-12-06	Tuesday	18:00	152°	+62°	0 dB	0°	152°	+62°	290°	+21°	4.4dB	358°K	396265 +37 Hz
2022-12-06	Tuesday	18:30	166°	+64°	0 dB	0°	166°	+64°	297°	+21°	4.4dB	358°K	396328 0 Hz
2022-12-06	Tuesday	19:00	182°	+65°	0 dB	0°	182°	+65°	304°	+21°	4.4dB	359°K	396390 -37 Hz
2022-12-06	Tuesday	19:30	198°	+64°	0 dB	0°	198°	+64°	311°	+21°	4.4dB	360°K	396453 -73 Hz
2022-12-06	Tuesday	20:00	213°	+62°	0 dB	0°	213°	+62°	319°	+21°	4.4dB	361°K	396515 -109 Hz
2022-12-06	Tuesday	20:30	225°	+59°	0 dB	0°	225°	+59°	326°	+22°	4.4dB	361°K	396577 -144 Hz
2022-12-06	Tuesday	21:00	235°	+55°	0 dB	0°	235°	+55°	333°	+22°	4.4dB	362°K	396639 -176 Hz
2022-12-06	Tuesday	21:30	244°	+51°	0 dB	0°	244°	+51°	340°	+22°	4.4dB	363°K	396701 -206 Hz
2022-12-06	Tuesday	22:00	252°	+46°	0 dB	0°	252°	+46°	348°	+22°	4.4dB	364°K	396763 -233 Hz
2022-12-06	Tuesday	22:30	258°	+41°	0 dB	0°	258°	+41°	355°	+22°	4.5dB	365°K	396824 -256 Hz
2022-12-06	Tuesday	23:00	264°	+36°	0 dB	0°	264°	+36°	2°	+22°	4.5dB	365°K	396886 -275 Hz
2022-12-06	Tuesday	23:30	270°	+31°	0 dB	0°	270°	+31°	9°	+22°	4.5dB	366°K	396947 -291 Hz
2022-12-07	Wednesday	00:00	275°	+26°	0 dB	0°	275°	+26°	17°	+22°	4.5dB	367°K	397008 -302 Hz
2022-12-07	Wednesday	00:30	280°	+21°	0 dB	0°	280°	+21°	24°	+22°	4.5dB	368°K	397070 -308 Hz
2022-12-07	Wednesday	01:00	285°	+16°	0 dB	0°	285°	+16°	31°	+22°	4.5dB	368°K	397131 -310 Hz
2022-12-07	Wednesday	01:30	289°	+11°	0 dB	0°	289°	+11°	38°	+22°	4.5dB	369°K	397191 -308 Hz
2022-12-07	Wednesday	02:00	294°	+7°	0 dB	0°	294°	+7°	46°	+22°	4.5dB	370°K	397252 -301 Hz
2022-12-07	Wednesday	02:30	299°	+2°	0 dB	0°	299°	+2°	53°	+22°	4.5dB	371°K	397313 -290 Hz
2022-12-07	Wednesday	12:00	058°	+2°	0 dB	0°	058°	+2°	191°	+24°	4.8dB	392°K	398439 +226 Hz
2022-12-07	Wednesday	12:30	063°	+6°	0 dB	0°	063°	+6°	198°	+24°	4.8dB	393°K	398497 +238 Hz
2022-12-07	Wednesday	13:00	068°	+11°	0 dB	0°	068°	+11°	205°	+24°	4.8dB	394°K	398555 +245 Hz
2022-12-07	Wednesday	13:30	072°	+16°	0 dB	0°	072°	+16°	212°	+24°	4.8dB	395°K	398613 +249 Hz
2022-12-07	Wednesday	14:00	077°	+21°	0 dB	0°	077°	+21°	220°	+24°	4.9dB	397°K	398670 +248 Hz
2022-12-07	Wednesday	14:30	082°	+26°	0 dB	0°	082°	+26°	227°	+24°	4.9dB	398°K	398727 +242 Hz
2022-12-07	Wednesday	15:00	087°	+31°	0 dB	0°	087°	+31°	234°	+24°	4.9dB	399°K	398785 +233 Hz
2022-12-07	Wednesday	15:30	092°	+36°	0 dB	0°	092°	+36°	241°	+24°	4.9dB	400°K	398842 +219 Hz
2022-12-07	Wednesday	16:00	097°	+41°	0 dB	0°	097°	+41°	249°	+24°	4.9dB	401°K	398899 +200 Hz
2022-12-07	Wednesday	16:30	103°	+46°	0 dB	0°	103°	+46°	256°	+24°	4.9dB	402°K	398955 +178 Hz
2022-12-07	Wednesday	17:00	110°	+51°	0 dB	0°	110°	+51°	263°	+24°	4.9dB	404°K	399012 +153 Hz
2022-12-07	Wednesday	17:30	118°	+56°	0 dB	0°	118°	+56°	270°	+24°	4.9dB	405°K	399069 +124 Hz
2022-12-07	Wednesday	18:00	128°	+60°	0 dB	0°	128°	+60°	278°	+24°	5.0dB	406°K	399125 +93 Hz
2022-12-07	Wednesday	18:30	140°	+64°	0 dB	0°	140°	+64°	285°	+25°	5.0dB	408°K	399181 +60 Hz
2022-12-07	Wednesday	19:00	154°	+66°	0 dB	0°	154°	+66°	292°	+25°	5.0dB	409°K	399237 +25 Hz
2022-12-07	Wednesday	19:30	171°	+68°	0 dB	0°	171°	+68°	299°	+25°	5.0dB	410°K	399293 -10 Hz
2022-12-07	Wednesday	20:00	189°	+68°	0 dB	0°	189°	+68°	307°	+25°	5.0dB	411°K	399349 -46 Hz
2022-12-07	Wednesday	20:30	206°	+67°	0 dB	0°	206°	+67°	314°	+25°	5.0dB	413°K	399404 -82 Hz
2022-12-07	Wednesday	21:00	221°	+64°	0 dB	0°	221°	+64°	321°	+25°	5.0dB	414°K	399460 -116 Hz
2022-12-07	Wednesday	21:30	232°	+60°	0 dB	0°	232°	+60°	328°	+25°	5.1dB	415°K	399515 -149 Hz
2022-12-07	Wednesday	22:00	242°	+56°	0 dB	0°	242°	+56°	336°	+25°	5.1dB	416°K	399570 -180 Hz
2022-12-07	Wednesday	22:30	250°	+51°	0 dB	0°	250°	+51°	343°	+25°	5.1dB	418°K	399625 -208 Hz
2022-12-07	Wednesday	23:00	257°	+47°	0 dB	0°	257°	+47°	350°	+25°	5.1dB	419°K	399680 -233 Hz
2022-12-07	Wednesday	23:30	263°	+42°	0 dB	0°	263°	+42°	357°	+25°	5.1dB	420°K	399734 -255 Hz
2022-12-08	Thursday	00:00	269°	+37°	0 dB	0°	269°	+37°	5°	+25°	5.1dB	422°K	399789 -272 Hz
2022-12-08	Thursday	00:30	274°	+31°	0 dB	0°	274°	+31°	12°	+25°	5.1dB	423°K	399843 -286 Hz
2022-12-08	Thursday	01:00	279°	+26°	0 dB	0°	279°	+26°	19°	+25°	5.2dB	424°K	399897 -295 Hz
2022-12-08	Thursday	01:30	284°	+22°	0 dB	0°	284°	+22°	26°	+25°	5.2dB	425°K	399951 -300 Hz
2022-12-08	Thursday	02:00	289°	+17°	0 dB	0°	289°	+17°	34°	+25°	5.2dB	427°K	400005 -301 Hz
2022-12-08	Thursday	02:30	293°	+12°	0 dB	0°	293°	+12°	41°	+25°	5.2dB	428°K	400058 -297 Hz
2022-12-08	Thursday	03:00	298°	+8°	0 dB	0°	298°	+8°	48°	+25°	5.2dB	429°K	400112 -289 Hz
2022-12-08	Thursday	03:30	303°	+3°	0 dB	0°	303°	+3°	55°	+25°	5.2dB	431°K	400165 -277 Hz
2022-12-08	Thursday	12:30	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	5.6dB	471°K	401095 +213 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-08	Thursday	13:00	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	5.6dB	473°K	401145 +228 Hz
2022-12-08	Thursday	13:30	063°	+9°	0 dB	0°	063°	+9°	200°	+26°	5.6dB	475°K	401195 +238 Hz
2022-12-08	Thursday	14:00	067°	+14°	0 dB	0°	067°	+14°	207°	+26°	5.7dB	478°K	401245 +245 Hz
2022-12-08	Thursday	14:30	072°	+19°	0 dB	0°	072°	+19°	215°	+26°	5.7dB	480°K	401294 +247 Hz
2022-12-08	Thursday	15:00	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	5.7dB	483°K	401343 +245 Hz
2022-12-08	Thursday	15:30	081°	+29°	0 dB	0°	081°	+29°	229°	+26°	5.7dB	485°K	401392 +238 Hz
2022-12-08	Thursday	16:00	086°	+34°	0 dB	0°	086°	+34°	236°	+26°	5.8dB	488°K	401441 +227 Hz
2022-12-08	Thursday	16:30	091°	+39°	0 dB	0°	091°	+39°	244°	+26°	5.8dB	490°K	401490 +213 Hz
2022-12-08	Thursday	17:00	097°	+44°	0 dB	0°	097°	+44°	251°	+27°	5.8dB	492°K	401538 +194 Hz
2022-12-08	Thursday	17:30	103°	+49°	0 dB	0°	103°	+49°	258°	+27°	5.8dB	495°K	401586 +171 Hz
2022-12-08	Thursday	18:00	110°	+54°	0 dB	0°	110°	+54°	265°	+27°	5.8dB	497°K	401634 +145 Hz
2022-12-08	Thursday	18:30	118°	+59°	0 dB	0°	118°	+59°	272°	+27°	5.9dB	500°K	401682 +116 Hz
2022-12-08	Thursday	19:00	128°	+63°	0 dB	0°	128°	+63°	280°	+27°	5.9dB	500°K	401730 +85 Hz
2022-12-08	Thursday	19:30	141°	+67°	0 dB	0°	141°	+67°	287°	+27°	5.9dB	500°K	401777 +52 Hz
2022-12-08	Thursday	20:00	157°	+69°	0 dB	0°	157°	+69°	294°	+27°	5.9dB	500°K	401824 +18 Hz
2022-12-08	Thursday	20:30	176°	+70°	0 dB	0°	176°	+70°	301°	+27°	5.9dB	500°K	401871 -17 Hz
2022-12-08	Thursday	21:00	195°	+70°	0 dB	0°	195°	+70°	309°	+27°	5.9dB	500°K	401918 -52 Hz
2022-12-08	Thursday	21:30	213°	+68°	0 dB	0°	213°	+68°	316°	+27°	5.9dB	500°K	401965 -87 Hz
2022-12-08	Thursday	22:00	227°	+65°	0 dB	0°	227°	+65°	323°	+27°	5.9dB	500°K	402011 -120 Hz
2022-12-08	Thursday	22:30	238°	+61°	0 dB	0°	238°	+61°	330°	+27°	5.9dB	500°K	402058 -152 Hz
2022-12-08	Thursday	23:00	247°	+56°	0 dB	0°	247°	+56°	338°	+27°	5.9dB	500°K	402104 -182 Hz
2022-12-08	Thursday	23:30	255°	+51°	0 dB	0°	255°	+51°	345°	+27°	5.9dB	500°K	402149 -208 Hz
2022-12-09	Fri day	00:00	261°	+46°	0 dB	0°	261°	+46°	352°	+27°	5.9dB	500°K	402195 -232 Hz
2022-12-09	Fri day	00:30	267°	+41°	0 dB	0°	267°	+41°	359°	+27°	5.9dB	500°K	402240 -252 Hz
2022-12-09	Fri day	01:00	272°	+36°	0 dB	0°	272°	+36°	7°	+27°	5.9dB	500°K	402285 -269 Hz
2022-12-09	Fri day	01:30	277°	+31°	0 dB	0°	277°	+31°	14°	+27°	5.9dB	500°K	402330 -281 Hz
2022-12-09	Fri day	02:00	282°	+26°	0 dB	0°	282°	+26°	21°	+27°	5.9dB	500°K	402375 -289 Hz
2022-12-09	Fri day	02:30	287°	+21°	0 dB	0°	287°	+21°	28°	+27°	5.9dB	500°K	402420 -293 Hz
2022-12-09	Fri day	03:00	291°	+17°	0 dB	0°	291°	+17°	36°	+27°	5.9dB	500°K	402464 -292 Hz
2022-12-09	Fri day	03:30	296°	+12°	0 dB	0°	296°	+12°	43°	+27°	5.9dB	500°K	402508 -287 Hz
2022-12-09	Fri day	04:00	301°	+8°	0 dB	0°	301°	+8°	50°	+27°	5.9dB	500°K	402552 -278 Hz
2022-12-09	Fri day	04:30	306°	+3°	0 dB	0°	306°	+3°	57°	+27°	5.9dB	500°K	402595 -266 Hz
2022-12-09	Fri day	13:30	053°	+3°	0 dB	0°	053°	+3°	188°	+27°	5.6dB	463°K	403341 +220 Hz
2022-12-09	Fri day	14:00	058°	+7°	0 dB	0°	058°	+7°	195°	+27°	5.6dB	459°K	403380 +233 Hz
2022-12-09	Fri day	14:30	063°	+11°	0 dB	0°	063°	+11°	202°	+27°	5.6dB	456°K	403419 +243 Hz
2022-12-09	Fri day	15:00	068°	+16°	0 dB	0°	068°	+16°	209°	+27°	5.6dB	453°K	403458 +248 Hz
2022-12-09	Fri day	15:30	072°	+21°	0 dB	0°	072°	+21°	217°	+27°	5.5dB	450°K	403496 +249 Hz
2022-12-09	Fri day	16:00	077°	+26°	0 dB	0°	077°	+26°	224°	+27°	5.5dB	446°K	403534 +246 Hz
2022-12-09	Fri day	16:30	082°	+31°	0 dB	0°	082°	+31°	231°	+27°	5.5dB	443°K	403572 +239 Hz
2022-12-09	Fri day	17:00	087°	+36°	0 dB	0°	087°	+36°	238°	+27°	5.5dB	440°K	403610 +227 Hz
2022-12-09	Fri day	17:30	092°	+41°	0 dB	0°	092°	+41°	245°	+27°	5.4dB	437°K	403647 +211 Hz
2022-12-09	Fri day	18:00	097°	+46°	0 dB	0°	097°	+46°	253°	+27°	5.4dB	433°K	403684 +191 Hz
2022-12-09	Fri day	18:30	104°	+51°	0 dB	0°	104°	+51°	260°	+27°	5.4dB	430°K	403721 +168 Hz
2022-12-09	Fri day	19:00	111°	+56°	0 dB	0°	111°	+56°	267°	+27°	5.3dB	427°K	403758 +142 Hz
2022-12-09	Fri day	19:30	120°	+60°	0 dB	0°	120°	+60°	274°	+27°	5.3dB	424°K	403794 +113 Hz
2022-12-09	Fri day	20:00	130°	+65°	0 dB	0°	130°	+65°	282°	+27°	5.3dB	420°K	403830 +81 Hz
2022-12-09	Fri day	20:30	144°	+68°	0 dB	0°	144°	+68°	289°	+27°	5.3dB	417°K	403866 +48 Hz
2022-12-09	Fri day	21:00	161°	+70°	0 dB	0°	161°	+70°	296°	+27°	5.2dB	414°K	403902 +14 Hz
2022-12-09	Fri day	21:30	181°	+71°	0 dB	0°	181°	+71°	303°	+27°	5.2dB	412°K	403937 -21 Hz
2022-12-09	Fri day	22:00	201°	+70°	0 dB	0°	201°	+70°	311°	+27°	5.2dB	410°K	403972 -56 Hz
2022-12-09	Fri day	22:30	218°	+68°	0 dB	0°	218°	+68°	318°	+27°	5.2dB	408°K	404006 -90 Hz
2022-12-09	Fri day	23:00	231°	+64°	0 dB	0°	231°	+64°	325°	+27°	5.2dB	407°K	404041 -123 Hz
2022-12-09	Fri day	23:30	242°	+60°	0 dB	0°	242°	+60°	332°	+27°	5.2dB	405°K	404075 -154 Hz
2022-12-10	Saturday	00:00	250°	+55°	0 dB	0°	250°	+55°	340°	+27°	5.1dB	403°K	404109 -183 Hz
2022-12-10	Saturday	00:30	257°	+50°	0 dB	0°	257°	+50°	347°	+27°	5.1dB	402°K	404143 -209 Hz
2022-12-10	Saturday	01:00	263°	+45°	0 dB	0°	263°	+45°	354°	+27°	5.1dB	400°K	404176 -231 Hz
2022-12-10	Saturday	01:30	269°	+40°	0 dB	0°	269°	+40°	1°	+27°	5.1dB	399°K	404209 -251 Hz
2022-12-10	Saturday	02:00	274°	+35°	0 dB	0°	274°	+35°	9°	+27°	5.1dB	397°K	404242 -266 Hz
2022-12-10	Saturday	02:30	279°	+30°	0 dB	0°	279°	+30°	16°	+27°	5.1dB	395°K	404274 -277 Hz
2022-12-10	Saturday	03:00	283°	+25°	0 dB	0°	283°	+25°	23°	+27°	5.1dB	394°K	404307 -284 Hz
2022-12-10	Saturday	03:30	288°	+20°	0 dB	0°	288°	+20°	30°	+27°	5.1dB	392°K	404338 -287 Hz
2022-12-10	Saturday	04:00	293°	+16°	0 dB	0°	293°	+16°	38°	+27°	5.0dB	390°K	404370 -285 Hz
2022-12-10	Saturday	04:30	297°	+11°	0 dB	0°	297°	+11°	45°	+27°	5.0dB	389°K	404401 -279 Hz
2022-12-10	Saturday	05:00	302°	+7°	0 dB	0°	302°	+7°	52°	+27°	5.0dB	387°K	404433 -269 Hz
2022-12-10	Saturday	05:30	307°	+2°	0 dB	0°	307°	+2°	59°	+27°	5.0dB	386°K	404463 -255 Hz
2022-12-10	Saturday	14:00	050°	-0°	0 dB	0°	050°	-0°	182°	+27°	4.7dB	353°K	404940 +215 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-10	Saturday	14: 30	055°	+4°	0 dB	0°	055°	+4°	190°	+27°	4. 7dB	350°K	404966 +231 Hz
2022-12-10	Saturday	15: 00	060°	+8°	0 dB	0°	060°	+8°	197°	+27°	4. 6dB	348°K	404991 +243 Hz
2022-12-10	Saturday	15: 30	065°	+13°	0 dB	0°	065°	+13°	204°	+27°	4. 6dB	345°K	405015 +252 Hz
2022-12-10	Saturday	16: 00	069°	+17°	0 dB	0°	069°	+17°	211°	+27°	4. 6dB	343°K	405040 +256 Hz
2022-12-10	Saturday	16: 30	074°	+22°	0 dB	0°	074°	+22°	219°	+27°	4. 6dB	340°K	405064 +256 Hz
2022-12-10	Saturday	17: 00	079°	+27°	0 dB	0°	079°	+27°	226°	+27°	4. 5dB	338°K	405087 +252 Hz
2022-12-10	Saturday	17: 30	083°	+32°	0 dB	0°	083°	+32°	233°	+27°	4. 5dB	336°K	405111 +244 Hz
2022-12-10	Saturday	18: 00	088°	+37°	0 dB	0°	088°	+37°	240°	+27°	4. 5dB	333°K	405134 +231 Hz
2022-12-10	Saturday	18: 30	094°	+42°	0 dB	0°	094°	+42°	248°	+27°	4. 5dB	331°K	405156 +214 Hz
2022-12-10	Saturday	19: 00	100°	+47°	0 dB	0°	100°	+47°	255°	+27°	4. 4dB	328°K	405179 +193 Hz
2022-12-10	Saturday	19: 30	106°	+52°	0 dB	0°	106°	+52°	262°	+27°	4. 4dB	326°K	405201 +169 Hz
2022-12-10	Saturday	20: 00	114°	+57°	0 dB	0°	114°	+57°	269°	+27°	4. 4dB	324°K	405222 +142 Hz
2022-12-10	Saturday	20: 30	123°	+61°	0 dB	0°	123°	+61°	277°	+27°	4. 3dB	321°K	405244 +112 Hz
2022-12-10	Saturday	21: 00	135°	+65°	0 dB	0°	135°	+65°	284°	+27°	4. 3dB	319°K	405265 +80 Hz
2022-12-10	Saturday	21: 30	150°	+68°	0 dB	0°	150°	+68°	291°	+27°	4. 3dB	316°K	405285 +46 Hz
2022-12-10	Saturday	22: 00	167°	+70°	0 dB	0°	167°	+70°	298°	+27°	4. 3dB	314°K	405306 +12 Hz
2022-12-10	Saturday	22: 30	187°	+70°	0 dB	0°	187°	+70°	306°	+27°	4. 2dB	312°K	405325 -23 Hz
2022-12-10	Saturday	23: 00	205°	+69°	0 dB	0°	205°	+69°	313°	+27°	4. 2dB	309°K	405345 -58 Hz
2022-12-10	Saturday	23: 30	221°	+66°	0 dB	0°	221°	+66°	320°	+27°	4. 2dB	307°K	405364 -92 Hz
2022-12-11	Sunday	00: 00	233°	+62°	0 dB	0°	233°	+62°	327°	+27°	4. 2dB	304°K	405383 -125 Hz
2022-12-11	Sunday	00: 30	243°	+58°	0 dB	0°	243°	+58°	334°	+27°	4. 1dB	302°K	405402 -156 Hz
2022-12-11	Sunday	01: 00	251°	+53°	0 dB	0°	251°	+53°	342°	+27°	4. 1dB	299°K	405420 -184 Hz
2022-12-11	Sunday	01: 30	258°	+48°	0 dB	0°	258°	+48°	349°	+27°	4. 1dB	296°K	405438 -210 Hz
2022-12-11	Sunday	02: 00	264°	+43°	0 dB	0°	264°	+43°	356°	+27°	4. 0dB	293°K	405456 -232 Hz
2022-12-11	Sunday	02: 30	269°	+38°	0 dB	0°	269°	+38°	3°	+27°	4. 0dB	290°K	405473 -250 Hz
2022-12-11	Sunday	03: 00	275°	+33°	0 dB	0°	275°	+33°	11°	+26°	4. 0dB	287°K	405490 -264 Hz
2022-12-11	Sunday	03: 30	279°	+28°	0 dB	0°	279°	+28°	18°	+26°	3. 9dB	285°K	405506 -274 Hz
2022-12-11	Sunday	04: 00	284°	+23°	0 dB	0°	284°	+23°	25°	+26°	3. 9dB	282°K	405522 -280 Hz
2022-12-11	Sunday	04: 30	289°	+18°	0 dB	0°	289°	+18°	32°	+26°	3. 9dB	279°K	405538 -282 Hz
2022-12-11	Sunday	05: 00	293°	+13°	0 dB	0°	293°	+13°	40°	+26°	3. 8dB	276°K	405553 -279 Hz
2022-12-11	Sunday	05: 30	298°	+9°	0 dB	0°	298°	+9°	47°	+26°	3. 8dB	273°K	405568 -272 Hz
2022-12-11	Sunday	06: 00	303°	+4°	0 dB	0°	303°	+4°	54°	+26°	3. 7dB	270°K	405583 -260 Hz
2022-12-11	Sunday	06: 30	308°	+0°	0 dB	0°	308°	+0°	61°	+26°	3. 7dB	267°K	405597 -245 Hz
2022-12-11	Sunday	15: 00	053°	-0°	0 dB	0°	053°	-0°	185°	+26°	3. 1dB	224°K	405783 +232 Hz
2022-12-11	Sunday	15: 30	058°	+4°	0 dB	0°	058°	+4°	192°	+26°	3. 1dB	223°K	405791 +247 Hz
2022-12-11	Sunday	16: 00	063°	+8°	0 dB	0°	063°	+8°	199°	+25°	3. 1dB	222°K	405798 +259 Hz
2022-12-11	Sunday	16: 30	067°	+13°	0 dB	0°	067°	+13°	206°	+25°	3. 0dB	221°K	405804 +266 Hz
2022-12-11	Sunday	17: 00	072°	+18°	0 dB	0°	072°	+18°	214°	+25°	3. 0dB	220°K	405811 +269 Hz
2022-12-11	Sunday	17: 30	077°	+22°	0 dB	0°	077°	+22°	221°	+25°	3. 0dB	219°K	405817 +268 Hz
2022-12-11	Sunday	18: 00	082°	+27°	0 dB	0°	082°	+27°	228°	+25°	3. 0dB	218°K	405822 +263 Hz
2022-12-11	Sunday	18: 30	087°	+32°	0 dB	0°	087°	+32°	235°	+25°	3. 0dB	217°K	405827 +253 Hz
2022-12-11	Sunday	19: 00	092°	+37°	0 dB	0°	092°	+37°	243°	+25°	3. 0dB	216°K	405832 +238 Hz
2022-12-11	Sunday	19: 30	098°	+42°	0 dB	0°	098°	+42°	250°	+25°	3. 0dB	215°K	405836 +220 Hz
2022-12-11	Sunday	20: 00	104°	+47°	0 dB	0°	104°	+47°	257°	+25°	2. 9dB	214°K	405840 +198 Hz
2022-12-11	Sunday	20: 30	111°	+52°	0 dB	0°	111°	+52°	264°	+25°	2. 9dB	213°K	405844 +172 Hz
2022-12-11	Sunday	21: 00	119°	+57°	0 dB	0°	119°	+57°	272°	+25°	2. 9dB	212°K	405847 +144 Hz
2022-12-11	Sunday	21: 30	129°	+61°	0 dB	0°	129°	+61°	279°	+25°	2. 9dB	212°K	405849 +113 Hz
2022-12-11	Sunday	22: 00	142°	+65°	0 dB	0°	142°	+65°	286°	+25°	2. 9dB	211°K	405852 +79 Hz
2022-12-11	Sunday	22: 30	157°	+67°	0 dB	0°	157°	+67°	294°	+25°	2. 9dB	210°K	405853 +45 Hz
2022-12-11	Sunday	23: 00	174°	+68°	0 dB	0°	174°	+68°	301°	+25°	2. 9dB	209°K	405855 +9 Hz
2022-12-11	Sunday	23: 30	192°	+68°	0 dB	0°	192°	+68°	308°	+25°	2. 8dB	208°K	405856 -27 Hz
2022-12-12	Monday	00: 00	209°	+66°	0 dB	0°	209°	+66°	315°	+25°	2. 8dB	207°K	405857 -62 Hz
2022-12-12	Monday	00: 30	223°	+63°	0 dB	0°	223°	+63°	323°	+25°	2. 8dB	206°K	405857 -96 Hz
2022-12-12	Monday	01: 00	234°	+59°	0 dB	0°	234°	+59°	330°	+25°	2. 8dB	205°K	405856 -129 Hz
2022-12-12	Monday	01: 30	244°	+55°	0 dB	0°	244°	+55°	337°	+25°	2. 8dB	204°K	405856 -160 Hz
2022-12-12	Monday	02: 00	251°	+50°	0 dB	0°	251°	+50°	344°	+24°	2. 8dB	203°K	405855 -187 Hz
2022-12-12	Monday	02: 30	258°	+45°	0 dB	0°	258°	+45°	352°	+24°	2. 7dB	202°K	405853 -212 Hz
2022-12-12	Monday	03: 00	264°	+40°	0 dB	0°	264°	+40°	359°	+24°	2. 7dB	201°K	405851 -233 Hz
2022-12-12	Monday	03: 30	269°	+35°	0 dB	0°	269°	+35°	6°	+24°	2. 7dB	201°K	405849 -251 Hz
2022-12-12	Monday	04: 00	274°	+30°	0 dB	0°	274°	+30°	13°	+24°	2. 7dB	200°K	405846 -264 Hz
2022-12-12	Monday	04: 30	279°	+25°	0 dB	0°	279°	+25°	21°	+24°	2. 7dB	199°K	405843 -273 Hz
2022-12-12	Monday	05: 00	284°	+20°	0 dB	0°	284°	+20°	28°	+24°	2. 7dB	198°K	405840 -277 Hz
2022-12-12	Monday	05: 30	289°	+15°	0 dB	0°	289°	+15°	35°	+24°	2. 7dB	197°K	405835 -277 Hz
2022-12-12	Monday	06: 00	293°	+10°	0 dB	0°	293°	+10°	42°	+24°	2. 6dB	196°K	405831 -272 Hz
2022-12-12	Monday	06: 30	298°	+5°	0 dB	0°	298°	+5°	50°	+24°	2. 6dB	195°K	405826 -263 Hz
2022-12-12	Monday	07: 00	303°	+1°	0 dB	0°	303°	+1°	57°	+24°	2. 6dB	194°K	405821 -251 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-12	Monday	16:30	062°	+4°	0 dB	0°	062°	+4°	195°	+23°	2.3dB	177°K	405636 +268 Hz
2022-12-12	Monday	17:00	067°	+8°	0 dB	0°	067°	+8°	202°	+23°	2.3dB	176°K	405621 +279 Hz
2022-12-12	Monday	17:30	072°	+13°	0 dB	0°	072°	+13°	209°	+23°	2.3dB	175°K	405607 +285 Hz
2022-12-12	Monday	18:00	076°	+18°	0 dB	0°	076°	+18°	217°	+22°	2.2dB	174°K	405592 +286 Hz
2022-12-12	Monday	18:30	081°	+23°	0 dB	0°	081°	+23°	224°	+22°	2.2dB	174°K	405576 +283 Hz
2022-12-12	Monday	19:00	086°	+28°	0 dB	0°	086°	+28°	231°	+22°	2.2dB	174°K	405560 +276 Hz
2022-12-12	Monday	19:30	092°	+33°	0 dB	0°	092°	+33°	238°	+22°	2.2dB	174°K	405543 +264 Hz
2022-12-12	Monday	20:00	097°	+38°	0 dB	0°	097°	+38°	246°	+22°	2.2dB	174°K	405526 +247 Hz
2022-12-12	Monday	20:30	103°	+43°	0 dB	0°	103°	+43°	253°	+22°	2.3dB	175°K	405509 +227 Hz
2022-12-12	Monday	21:00	110°	+47°	0 dB	0°	110°	+47°	260°	+22°	2.3dB	175°K	405491 +203 Hz
2022-12-12	Monday	21:30	118°	+52°	0 dB	0°	118°	+52°	268°	+22°	2.3dB	175°K	405473 +175 Hz
2022-12-12	Monday	22:00	127°	+56°	0 dB	0°	127°	+56°	275°	+22°	2.3dB	176°K	405454 +145 Hz
2022-12-12	Monday	22:30	138°	+60°	0 dB	0°	138°	+60°	282°	+22°	2.3dB	176°K	405435 +112 Hz
2022-12-12	Monday	23:00	151°	+63°	0 dB	0°	151°	+63°	289°	+22°	2.3dB	176°K	405415 +78 Hz
2022-12-12	Monday	23:30	166°	+65°	0 dB	0°	166°	+65°	297°	+22°	2.3dB	176°K	405395 +42 Hz
2022-12-13	Tuesday	00:00	182°	+65°	0 dB	0°	182°	+65°	304°	+22°	2.3dB	177°K	405374 +5 Hz
2022-12-13	Tuesday	00:30	198°	+64°	0 dB	0°	198°	+64°	311°	+22°	2.3dB	177°K	405353 -32 Hz
2022-12-13	Tuesday	01:00	212°	+62°	0 dB	0°	212°	+62°	318°	+21°	2.3dB	177°K	405331 -68 Hz
2022-12-13	Tuesday	01:30	225°	+59°	0 dB	0°	225°	+59°	326°	+21°	2.3dB	178°K	405309 -102 Hz
2022-12-13	Tuesday	02:00	235°	+55°	0 dB	0°	235°	+55°	333°	+21°	2.3dB	178°K	405286 -135 Hz
2022-12-13	Tuesday	02:30	243°	+50°	0 dB	0°	243°	+50°	340°	+21°	2.3dB	178°K	405263 -165 Hz
2022-12-13	Tuesday	03:00	251°	+46°	0 dB	0°	251°	+46°	347°	+21°	2.3dB	179°K	405240 -192 Hz
2022-12-13	Tuesday	03:30	257°	+41°	0 dB	0°	257°	+41°	355°	+21°	2.3dB	179°K	405215 -216 Hz
2022-12-13	Tuesday	04:00	263°	+36°	0 dB	0°	263°	+36°	2°	+21°	2.3dB	179°K	405191 -236 Hz
2022-12-13	Tuesday	04:30	269°	+30°	0 dB	0°	269°	+30°	9°	+21°	2.3dB	179°K	405166 -252 Hz
2022-12-13	Tuesday	05:00	274°	+25°	0 dB	0°	274°	+25°	17°	+21°	2.3dB	180°K	405141 -264 Hz
2022-12-13	Tuesday	05:30	279°	+20°	0 dB	0°	279°	+20°	24°	+21°	2.3dB	180°K	405115 -271 Hz
2022-12-13	Tuesday	06:00	283°	+15°	0 dB	0°	283°	+15°	31°	+21°	2.3dB	180°K	405088 -273 Hz
2022-12-13	Tuesday	06:30	288°	+10°	0 dB	0°	288°	+10°	38°	+21°	2.4dB	181°K	405061 -271 Hz
2022-12-13	Tuesday	07:00	293°	+5°	0 dB	0°	293°	+5°	46°	+21°	2.3dB	181°K	405034 -264 Hz
2022-12-13	Tuesday	07:30	298°	+1°	0 dB	0°	298°	+1°	53°	+20°	2.3dB	181°K	405006 -253 Hz
2022-12-13	Tuesday	17:30	067°	+3°	0 dB	0°	067°	+3°	198°	+19°	2.4dB	185°K	404346 +292 Hz
2022-12-13	Tuesday	18:00	072°	+8°	0 dB	0°	072°	+8°	206°	+19°	2.4dB	185°K	404308 +301 Hz
2022-12-13	Tuesday	18:30	077°	+12°	0 dB	0°	077°	+12°	213°	+19°	2.4dB	185°K	404269 +305 Hz
2022-12-13	Tuesday	19:00	082°	+17°	0 dB	0°	082°	+17°	220°	+19°	2.4dB	185°K	404230 +304 Hz
2022-12-13	Tuesday	19:30	087°	+22°	0 dB	0°	087°	+22°	227°	+19°	2.4dB	185°K	404190 +299 Hz
2022-12-13	Tuesday	20:00	092°	+27°	0 dB	0°	092°	+27°	235°	+18°	2.4dB	185°K	404150 +289 Hz
2022-12-13	Tuesday	20:30	098°	+32°	0 dB	0°	098°	+32°	242°	+18°	2.4dB	185°K	404109 +275 Hz
2022-12-13	Tuesday	21:00	104°	+37°	0 dB	0°	104°	+37°	249°	+18°	2.4dB	186°K	404068 +256 Hz
2022-12-13	Tuesday	21:30	110°	+42°	0 dB	0°	110°	+42°	257°	+18°	2.4dB	186°K	404026 +233 Hz
2022-12-13	Tuesday	22:00	118°	+47°	0 dB	0°	118°	+47°	264°	+18°	2.4dB	186°K	403984 +206 Hz
2022-12-13	Tuesday	22:30	126°	+51°	0 dB	0°	126°	+51°	271°	+18°	2.4dB	186°K	403941 +177 Hz
2022-12-13	Tuesday	23:00	136°	+55°	0 dB	0°	136°	+55°	278°	+18°	2.4dB	186°K	403898 +144 Hz
2022-12-13	Tuesday	23:30	147°	+58°	0 dB	0°	147°	+58°	286°	+18°	2.4dB	186°K	403855 +109 Hz
2022-12-14	Wednesday	00:00	160°	+60°	0 dB	0°	160°	+60°	293°	+18°	2.4dB	186°K	403810 +73 Hz
2022-12-14	Wednesday	00:30	175°	+61°	0 dB	0°	175°	+61°	300°	+18°	2.4dB	187°K	403766 +36 Hz
2022-12-14	Wednesday	01:00	189°	+61°	0 dB	0°	189°	+61°	308°	+18°	2.4dB	187°K	403721 -2 Hz
2022-12-14	Wednesday	01:30	203°	+59°	0 dB	0°	203°	+59°	315°	+17°	2.4dB	187°K	403675 -39 Hz
2022-12-14	Wednesday	02:00	215°	+57°	0 dB	0°	215°	+57°	322°	+17°	2.4dB	187°K	403629 -76 Hz
2022-12-14	Wednesday	02:30	226°	+53°	0 dB	0°	226°	+53°	329°	+17°	2.4dB	188°K	403582 -110 Hz
2022-12-14	Wednesday	03:00	235°	+49°	0 dB	0°	235°	+49°	337°	+17°	2.4dB	188°K	403535 -143 Hz
2022-12-14	Wednesday	03:30	243°	+45°	0 dB	0°	243°	+45°	344°	+17°	2.4dB	188°K	403487 -172 Hz
2022-12-14	Wednesday	04:00	250°	+40°	0 dB	0°	250°	+40°	351°	+17°	2.4dB	188°K	403439 -198 Hz
2022-12-14	Wednesday	04:30	257°	+35°	0 dB	0°	257°	+35°	358°	+17°	2.4dB	189°K	403390 -221 Hz
2022-12-14	Wednesday	05:00	262°	+30°	0 dB	0°	262°	+30°	6°	+17°	2.4dB	189°K	403341 -239 Hz
2022-12-14	Wednesday	05:30	268°	+25°	0 dB	0°	268°	+25°	13°	+17°	2.4dB	189°K	403291 -253 Hz
2022-12-14	Wednesday	06:00	273°	+20°	0 dB	0°	273°	+20°	20°	+17°	2.4dB	190°K	403241 -262 Hz
2022-12-14	Wednesday	06:30	278°	+15°	0 dB	0°	278°	+15°	28°	+17°	2.4dB	190°K	403190 -267 Hz
2022-12-14	Wednesday	07:00	283°	+10°	0 dB	0°	283°	+10°	35°	+16°	2.4dB	190°K	403139 -267 Hz
2022-12-14	Wednesday	07:30	288°	+5°	0 dB	0°	288°	+5°	42°	+16°	2.4dB	190°K	403087 -262 Hz
2022-12-14	Wednesday	08:00	293°	-0°	0 dB	0°	293°	-0°	49°	+16°	2.4dB	191°K	403035 -253 Hz
2022-12-14	Wednesday	18:30	073°	+2°	0 dB	0°	073°	+2°	202°	+14°	2.5dB	196°K	401820 +317 Hz
2022-12-14	Wednesday	19:00	078°	+7°	0 dB	0°	078°	+7°	210°	+14°	2.5dB	197°K	401757 +323 Hz
2022-12-14	Wednesday	19:30	083°	+12°	0 dB	0°	083°	+12°	217°	+14°	2.5dB	197°K	401693 +324 Hz
2022-12-14	Wednesday	20:00	088°	+17°	0 dB	0°	088°	+17°	224°	+14°	2.5dB	197°K	401628 +321 Hz
2022-12-14	Wednesday	20:30	094°	+22°	0 dB	0°	094°	+22°	232°	+14°	2.5dB	198°K	401564 +313 Hz



Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-14	Wednesday 21:00	099°	+27°	0 dB	0°	099°	+27°	239°	+14°	2.5dB	198°K	401498	+300 Hz
2022-12-14	Wednesday 21:30	105°	+32°	0 dB	0°	105°	+32°	246°	+14°	2.5dB	198°K	401432	+283 Hz
2022-12-14	Wednesday 22:00	112°	+37°	0 dB	0°	112°	+37°	253°	+13°	2.5dB	198°K	401366	+261 Hz
2022-12-14	Wednesday 22:30	119°	+41°	0 dB	0°	119°	+41°	261°	+13°	2.5dB	199°K	401299	+235 Hz
2022-12-14	Wednesday 23:00	127°	+45°	0 dB	0°	127°	+45°	268°	+13°	2.5dB	199°K	401231	+206 Hz
2022-12-14	Wednesday 23:30	136°	+49°	0 dB	0°	136°	+49°	275°	+13°	2.5dB	199°K	401163	+174 Hz
2022-12-15	Thursday 00:00	146°	+52°	0 dB	0°	146°	+52°	283°	+13°	2.5dB	199°K	401095	+139 Hz
2022-12-15	Thursday 00:30	157°	+55°	0 dB	0°	157°	+55°	290°	+13°	2.5dB	200°K	401026	+103 Hz
2022-12-15	Thursday 01:00	170°	+56°	0 dB	0°	170°	+56°	297°	+13°	2.5dB	200°K	400957	+65 Hz
2022-12-15	Thursday 01:30	183°	+56°	0 dB	0°	183°	+56°	304°	+13°	2.5dB	200°K	400887	+26 Hz
2022-12-15	Thursday 02:00	195°	+55°	0 dB	0°	195°	+55°	312°	+13°	2.5dB	200°K	400816	-12 Hz
2022-12-15	Thursday 02:30	207°	+53°	0 dB	0°	207°	+53°	319°	+13°	2.5dB	201°K	400745	-50 Hz
2022-12-15	Thursday 03:00	218°	+51°	0 dB	0°	218°	+51°	326°	+12°	2.5dB	201°K	400674	-86 Hz
2022-12-15	Thursday 03:30	227°	+47°	0 dB	0°	227°	+47°	334°	+12°	2.5dB	201°K	400602	-120 Hz
2022-12-15	Thursday 04:00	236°	+43°	0 dB	0°	236°	+43°	341°	+12°	2.5dB	202°K	400529	-151 Hz
2022-12-15	Thursday 04:30	243°	+38°	0 dB	0°	243°	+38°	348°	+12°	2.5dB	202°K	400456	-180 Hz
2022-12-15	Thursday 05:00	250°	+34°	0 dB	0°	250°	+34°	355°	+12°	2.5dB	202°K	400383	-204 Hz
2022-12-15	Thursday 05:30	256°	+29°	0 dB	0°	256°	+29°	3°	+12°	2.5dB	202°K	400309	-225 Hz
2022-12-15	Thursday 06:00	262°	+24°	0 dB	0°	262°	+24°	10°	+12°	2.5dB	203°K	400235	-241 Hz
2022-12-15	Thursday 06:30	267°	+18°	0 dB	0°	267°	+18°	17°	+12°	2.5dB	203°K	400160	-252 Hz
2022-12-15	Thursday 07:00	272°	+13°	0 dB	0°	272°	+13°	25°	+12°	2.5dB	203°K	400084	-259 Hz
2022-12-15	Thursday 07:30	277°	+8°	0 dB	0°	277°	+8°	32°	+11°	2.5dB	203°K	400008	-261 Hz
2022-12-15	Thursday 08:00	282°	+3°	0 dB	0°	282°	+3°	39°	+11°	2.5dB	204°K	399932	-258 Hz
2022-12-15	Thursday 19:30	079°	+1°	0 dB	0°	079°	+1°	207°	+9°	2.5dB	210°K	398041	+338 Hz
2022-12-15	Thursday 20:00	085°	+6°	0 dB	0°	085°	+6°	214°	+9°	2.5dB	210°K	397953	+341 Hz
2022-12-15	Thursday 20:30	090°	+11°	0 dB	0°	090°	+11°	221°	+9°	2.5dB	210°K	397864	+340 Hz
2022-12-15	Thursday 21:00	095°	+16°	0 dB	0°	095°	+16°	229°	+9°	2.5dB	211°K	397775	+333 Hz
2022-12-15	Thursday 21:30	101°	+21°	0 dB	0°	101°	+21°	236°	+8°	2.5dB	211°K	397686	+322 Hz
2022-12-15	Thursday 22:00	107°	+26°	0 dB	0°	107°	+26°	243°	+8°	2.5dB	211°K	397596	+306 Hz
2022-12-15	Thursday 22:30	113°	+31°	0 dB	0°	113°	+31°	251°	+8°	2.5dB	212°K	397506	+286 Hz
2022-12-15	Thursday 23:00	120°	+35°	0 dB	0°	120°	+35°	258°	+8°	2.5dB	212°K	397415	+261 Hz
2022-12-15	Thursday 23:30	127°	+39°	0 dB	0°	127°	+39°	265°	+8°	2.5dB	212°K	397324	+233 Hz
2022-12-16	Friday 00:00	136°	+43°	0 dB	0°	136°	+43°	272°	+8°	2.5dB	212°K	397232	+202 Hz
2022-12-16	Friday 00:30	145°	+46°	0 dB	0°	145°	+46°	280°	+8°	2.5dB	213°K	397140	+167 Hz
2022-12-16	Friday 01:00	155°	+49°	0 dB	0°	155°	+49°	287°	+8°	2.6dB	214°K	397047	+131 Hz
2022-12-16	Friday 01:30	166°	+50°	0 dB	0°	166°	+50°	294°	+7°	2.6dB	215°K	396954	+92 Hz
2022-12-16	Friday 02:00	178°	+51°	0 dB	0°	178°	+51°	302°	+7°	2.6dB	217°K	396861	+53 Hz
2022-12-16	Friday 02:30	189°	+50°	0 dB	0°	189°	+50°	309°	+7°	2.6dB	218°K	396767	+14 Hz
2022-12-16	Friday 03:00	200°	+49°	0 dB	0°	200°	+49°	316°	+7°	2.6dB	220°K	396672	-24 Hz
2022-12-16	Friday 03:30	211°	+47°	0 dB	0°	211°	+47°	323°	+7°	2.7dB	221°K	396578	-62 Hz
2022-12-16	Friday 04:00	220°	+44°	0 dB	0°	220°	+44°	331°	+7°	2.7dB	223°K	396482	-97 Hz
2022-12-16	Friday 04:30	229°	+40°	0 dB	0°	229°	+40°	338°	+7°	2.7dB	224°K	396387	-130 Hz
2022-12-16	Friday 05:00	236°	+36°	0 dB	0°	236°	+36°	345°	+7°	2.7dB	226°K	396290	-160 Hz
2022-12-16	Friday 05:30	243°	+31°	0 dB	0°	243°	+31°	353°	+7°	2.7dB	227°K	396194	-186 Hz
2022-12-16	Friday 06:00	249°	+26°	0 dB	0°	249°	+26°	360°	+6°	2.8dB	229°K	396097	-209 Hz
2022-12-16	Friday 06:30	255°	+22°	0 dB	0°	255°	+22°	7°	+6°	2.8dB	230°K	395999	-227 Hz
2022-12-16	Friday 07:00	261°	+16°	0 dB	0°	261°	+16°	14°	+6°	2.8dB	232°K	395901	-240 Hz
2022-12-16	Friday 07:30	266°	+11°	0 dB	0°	266°	+11°	22°	+6°	2.8dB	233°K	395803	-249 Hz
2022-12-16	Friday 08:00	271°	+6°	0 dB	0°	271°	+6°	29°	+6°	2.8dB	234°K	395704	-252 Hz
2022-12-16	Friday 08:30	276°	+1°	0 dB	0°	276°	+1°	36°	+6°	2.8dB	236°K	395605	-251 Hz
2022-12-16	Friday 20:30	087°	+0°	0 dB	0°	087°	+0°	211°	+3°	3.2dB	272°K	393097	+354 Hz
2022-12-16	Friday 21:00	092°	+5°	0 dB	0°	092°	+5°	219°	+3°	3.2dB	274°K	392988	+354 Hz
2022-12-16	Friday 21:30	097°	+10°	0 dB	0°	097°	+10°	226°	+3°	3.3dB	276°K	392878	+349 Hz
2022-12-16	Friday 22:00	103°	+15°	0 dB	0°	103°	+15°	233°	+3°	3.3dB	277°K	392768	+340 Hz
2022-12-16	Friday 22:30	109°	+20°	0 dB	0°	109°	+20°	240°	+3°	3.3dB	279°K	392657	+325 Hz
2022-12-16	Friday 23:00	115°	+24°	0 dB	0°	115°	+24°	248°	+2°	3.3dB	280°K	392546	+306 Hz
2022-12-16	Friday 23:30	121°	+29°	0 dB	0°	121°	+29°	255°	+2°	3.3dB	282°K	392435	+283 Hz
2022-12-17	Saturday 00:00	128°	+33°	0 dB	0°	128°	+33°	262°	+2°	3.3dB	284°K	392323	+256 Hz
2022-12-17	Saturday 00:30	136°	+37°	0 dB	0°	136°	+37°	270°	+2°	3.3dB	285°K	392211	+225 Hz
2022-12-17	Saturday 01:00	145°	+40°	0 dB	0°	145°	+40°	277°	+2°	3.4dB	287°K	392099	+192 Hz
2022-12-17	Saturday 01:30	154°	+42°	0 dB	0°	154°	+42°	284°	+2°	3.4dB	288°K	391986	+156 Hz
2022-12-17	Saturday 02:00	164°	+44°	0 dB	0°	164°	+44°	291°	+2°	3.4dB	290°K	391873	+118 Hz
2022-12-17	Saturday 02:30	174°	+45°	0 dB	0°	174°	+45°	299°	+2°	3.4dB	292°K	391759	+79 Hz
2022-12-17	Saturday 03:00	184°	+45°	0 dB	0°	184°	+45°	306°	+1°	3.4dB	293°K	391645	+39 Hz
2022-12-17	Saturday 03:30	194°	+44°	0 dB	0°	194°	+44°	313°	+1°	3.4dB	295°K	391531	0 Hz
2022-12-17	Saturday 04:00	204°	+42°	0 dB	0°	204°	+42°	321°	+1°	3.5dB	297°K	391417	-38 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-12-17	Saturday	04:30	213°	+39°	0 dB	0°	213°	+39°	328°	+1°	3.5dB	298°K	391302	-74 Hz
2022-12-17	Saturday	05:00	222°	+36°	0 dB	0°	222°	+36°	335°	+1°	3.5dB	300°K	391187	-108 Hz
2022-12-17	Saturday	05:30	229°	+32°	0 dB	0°	229°	+32°	342°	+1°	3.5dB	301°K	391071	-140 Hz
2022-12-17	Saturday	06:00	236°	+28°	0 dB	0°	236°	+28°	350°	+1°	3.5dB	303°K	390955	-168 Hz
2022-12-17	Saturday	06:30	243°	+24°	0 dB	0°	243°	+24°	357°	+1°	3.5dB	305°K	390839	-191 Hz
2022-12-17	Saturday	07:00	249°	+19°	0 dB	0°	249°	+19°	4°	+1°	3.5dB	306°K	390722	-211 Hz
2022-12-17	Saturday	07:30	255°	+14°	0 dB	0°	255°	+14°	12°	+0°	3.6dB	308°K	390605	-226 Hz
2022-12-17	Saturday	08:00	260°	+9°	0 dB	0°	260°	+9°	19°	+0°	3.6dB	310°K	390488	-237 Hz
2022-12-17	Saturday	08:30	265°	+4°	0 dB	0°	265°	+4°	26°	+0°	3.6dB	311°K	390371	-242 Hz
2022-12-17	Saturday	22:00	099°	+4°	0 dB	0°	099°	+4°	223°	-3°	3.5dB	313°K	387086	+358 Hz
2022-12-17	Saturday	22:30	105°	+8°	0 dB	0°	105°	+8°	230°	-3°	3.5dB	313°K	386960	+351 Hz
2022-12-17	Saturday	23:00	110°	+13°	0 dB	0°	110°	+13°	237°	-3°	3.4dB	313°K	386835	+338 Hz
2022-12-17	Saturday	23:30	116°	+18°	0 dB	0°	116°	+18°	245°	-4°	3.4dB	313°K	386709	+321 Hz
2022-12-18	Sunday	00:00	123°	+22°	0 dB	0°	123°	+22°	252°	-4°	3.4dB	313°K	386583	+299 Hz
2022-12-18	Sunday	00:30	129°	+26°	0 dB	0°	129°	+26°	259°	-4°	3.4dB	313°K	386457	+274 Hz
2022-12-18	Sunday	01:00	136°	+30°	0 dB	0°	136°	+30°	267°	-4°	3.4dB	313°K	386330	+245 Hz
2022-12-18	Sunday	01:30	144°	+33°	0 dB	0°	144°	+33°	274°	-4°	3.4dB	312°K	386204	+212 Hz
2022-12-18	Sunday	02:00	153°	+35°	0 dB	0°	153°	+35°	281°	-4°	3.4dB	312°K	386077	+177 Hz
2022-12-18	Sunday	02:30	161°	+37°	0 dB	0°	161°	+37°	288°	-4°	3.4dB	312°K	385950	+140 Hz
2022-12-18	Sunday	03:00	170°	+38°	0 dB	0°	170°	+38°	296°	-4°	3.4dB	311°K	385823	+102 Hz
2022-12-18	Sunday	03:30	180°	+39°	0 dB	0°	180°	+39°	303°	-5°	3.4dB	311°K	385695	+63 Hz
2022-12-18	Sunday	04:00	189°	+38°	0 dB	0°	189°	+38°	310°	-5°	3.4dB	311°K	385567	+24 Hz
2022-12-18	Sunday	04:30	198°	+37°	0 dB	0°	198°	+37°	317°	-5°	3.4dB	311°K	385440	-15 Hz
2022-12-18	Sunday	05:00	207°	+35°	0 dB	0°	207°	+35°	325°	-5°	3.3dB	310°K	385312	-51 Hz
2022-12-18	Sunday	05:30	215°	+32°	0 dB	0°	215°	+32°	332°	-5°	3.3dB	310°K	385183	-86 Hz
2022-12-18	Sunday	06:00	223°	+29°	0 dB	0°	223°	+29°	339°	-5°	3.3dB	310°K	385055	-119 Hz
2022-12-18	Sunday	06:30	230°	+25°	0 dB	0°	230°	+25°	347°	-5°	3.3dB	309°K	384926	-148 Hz
2022-12-18	Sunday	07:00	236°	+21°	0 dB	0°	236°	+21°	354°	-5°	3.3dB	309°K	384798	-173 Hz
2022-12-18	Sunday	07:30	242°	+16°	0 dB	0°	242°	+16°	1°	-6°	3.3dB	309°K	384669	-194 Hz
2022-12-18	Sunday	08:00	248°	+12°	0 dB	0°	248°	+12°	8°	-6°	3.3dB	309°K	384540	-211 Hz
2022-12-18	Sunday	08:30	253°	+7°	0 dB	0°	253°	+7°	16°	-6°	3.3dB	308°K	384410	-223 Hz
2022-12-18	Sunday	09:00	259°	+2°	0 dB	0°	259°	+2°	23°	-6°	3.3dB	308°K	384281	-231 Hz
2022-12-18	Sunday	23:00	106°	+2°	0 dB	0°	106°	+2°	227°	-9°	3.2dB	314°K	380611	+353 Hz
2022-12-18	Sunday	23:30	112°	+6°	0 dB	0°	112°	+6°	234°	-9°	3.2dB	315°K	380479	+343 Hz
2022-12-19	Monday	00:00	117°	+11°	0 dB	0°	117°	+11°	241°	-10°	3.2dB	316°K	380347	+328 Hz
2022-12-19	Monday	00:30	123°	+15°	0 dB	0°	123°	+15°	248°	-10°	3.2dB	316°K	380215	+309 Hz
2022-12-19	Monday	01:00	130°	+19°	0 dB	0°	130°	+19°	256°	-10°	3.2dB	317°K	380082	+286 Hz
2022-12-19	Monday	01:30	136°	+23°	0 dB	0°	136°	+23°	263°	-10°	3.2dB	318°K	379950	+259 Hz
2022-12-19	Monday	02:00	143°	+26°	0 dB	0°	143°	+26°	270°	-10°	3.2dB	319°K	379818	+228 Hz
2022-12-19	Monday	02:30	151°	+28°	0 dB	0°	151°	+28°	277°	-10°	3.2dB	319°K	379686	+195 Hz
2022-12-19	Monday	03:00	159°	+31°	0 dB	0°	159°	+31°	285°	-10°	3.2dB	320°K	379554	+160 Hz
2022-12-19	Monday	03:30	167°	+32°	0 dB	0°	167°	+32°	292°	-10°	3.2dB	321°K	379421	+123 Hz
2022-12-19	Monday	04:00	176°	+33°	0 dB	0°	176°	+33°	299°	-11°	3.2dB	322°K	379289	+85 Hz
2022-12-19	Monday	04:30	184°	+32°	0 dB	0°	184°	+32°	306°	-11°	3.2dB	322°K	379157	+46 Hz
2022-12-19	Monday	05:00	192°	+32°	0 dB	0°	192°	+32°	314°	-11°	3.2dB	323°K	379025	+8 Hz
2022-12-19	Monday	05:30	201°	+30°	0 dB	0°	201°	+30°	321°	-11°	3.2dB	324°K	378892	-29 Hz
2022-12-19	Monday	06:00	208°	+28°	0 dB	0°	208°	+28°	328°	-11°	3.2dB	325°K	378760	-64 Hz
2022-12-19	Monday	06:30	216°	+25°	0 dB	0°	216°	+25°	335°	-11°	3.2dB	325°K	378628	-97 Hz
2022-12-19	Monday	07:00	223°	+22°	0 dB	0°	223°	+22°	343°	-11°	3.2dB	326°K	378496	-127 Hz
2022-12-19	Monday	07:30	229°	+18°	0 dB	0°	229°	+18°	350°	-11°	3.2dB	327°K	378364	-154 Hz
2022-12-19	Monday	08:00	235°	+14°	0 dB	0°	235°	+14°	357°	-11°	3.2dB	329°K	378232	-177 Hz
2022-12-19	Monday	08:30	241°	+9°	0 dB	0°	241°	+9°	5°	-12°	3.2dB	330°K	378100	-195 Hz
2022-12-19	Monday	09:00	247°	+5°	0 dB	0°	247°	+5°	12°	-12°	3.2dB	331°K	377968	-210 Hz
2022-12-19	Monday	09:30	252°	-0°	0 dB	0°	252°	-0°	19°	-12°	3.3dB	332°K	377836	-220 Hz
2022-12-20	Tuesday	00:00	118°	+3°	0 dB	0°	118°	+3°	237°	-15°	3.5dB	369°K	373930	+328 Hz
2022-12-20	Tuesday	01:00	123°	+8°	0 dB	0°	123°	+8°	244°	-15°	3.5dB	370°K	373802	+312 Hz
2022-12-20	Tuesday	01:30	129°	+12°	0 dB	0°	129°	+12°	251°	-16°	3.5dB	371°K	373675	+292 Hz
2022-12-20	Tuesday	02:00	135°	+15°	0 dB	0°	135°	+15°	258°	-16°	3.5dB	372°K	373547	+267 Hz
2022-12-20	Tuesday	02:30	142°	+19°	0 dB	0°	142°	+19°	266°	-16°	3.5dB	373°K	373420	+240 Hz
2022-12-20	Tuesday	03:00	148°	+21°	0 dB	0°	148°	+21°	273°	-16°	3.5dB	374°K	373293	+209 Hz
2022-12-20	Tuesday	03:30	156°	+24°	0 dB	0°	156°	+24°	280°	-16°	3.5dB	375°K	373167	+176 Hz
2022-12-20	Tuesday	04:00	163°	+25°	0 dB	0°	163°	+25°	287°	-16°	3.5dB	376°K	373040	+141 Hz
2022-12-20	Tuesday	04:30	171°	+26°	0 dB	0°	171°	+26°	295°	-16°	3.5dB	378°K	372914	+104 Hz
2022-12-20	Tuesday	05:00	179°	+27°	0 dB	0°	179°	+27°	302°	-16°	3.5dB	379°K	372788	+67 Hz
2022-12-20	Tuesday	05:30	187°	+26°	0 dB	0°	187°	+26°	309°	-16°	3.5dB	380°K	372662	+30 Hz
2022-12-20	Tuesday	06:00	194°	+25°	0 dB	0°	194°	+25°	316°	-17°	3.5dB	381°K	372537	-6 Hz

MoonSked by MoonBounce Software © GM4JJJ  
 Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-20	Tuesday	06:30	202°	+24°	0 dB	0°	202°	+24°	324°	-17°	3.5dB	382°K	372412 -41 Hz
2022-12-20	Tuesday	07:00	209°	+21°	0 dB	0°	209°	+21°	331°	-17°	3.5dB	383°K	372287 -75 Hz
2022-12-20	Tuesday	07:30	216°	+19°	0 dB	0°	216°	+19°	338°	-17°	3.5dB	384°K	372162 -106 Hz
2022-12-20	Tuesday	08:00	222°	+15°	0 dB	0°	222°	+15°	345°	-17°	3.5dB	386°K	372038 -134 Hz
2022-12-20	Tuesday	08:30	228°	+12°	0 dB	0°	228°	+12°	352°	-17°	3.6dB	387°K	371914 -158 Hz
2022-12-20	Tuesday	09:00	234°	+8°	0 dB	0°	234°	+8°	360°	-17°	3.6dB	388°K	371790 -179 Hz
2022-12-20	Tuesday	09:30	239°	+3°	0 dB	0°	239°	+3°	7°	-17°	3.6dB	389°K	371667 -196 Hz
2022-12-21	Wednesday	01:30	122°	+0°	0 dB	0°	122°	+0°	238°	-21°	3.8dB	429°K	367896 +308 Hz
2022-12-21	Wednesday	02:00	127°	+4°	0 dB	0°	127°	+4°	245°	-21°	3.8dB	431°K	367784 +291 Hz
2022-12-21	Wednesday	02:30	133°	+8°	0 dB	0°	133°	+8°	253°	-21°	3.8dB	434°K	367674 +271 Hz
2022-12-21	Wednesday	03:00	139°	+12°	0 dB	0°	139°	+12°	260°	-21°	3.8dB	436°K	367563 +246 Hz
2022-12-21	Wednesday	03:30	145°	+15°	0 dB	0°	145°	+15°	267°	-21°	3.8dB	439°K	367453 +219 Hz
2022-12-21	Wednesday	04:00	152°	+17°	0 dB	0°	152°	+17°	274°	-21°	3.8dB	441°K	367344 +189 Hz
2022-12-21	Wednesday	04:30	159°	+19°	0 dB	0°	159°	+19°	281°	-21°	3.9dB	444°K	367235 +157 Hz
2022-12-21	Wednesday	05:00	166°	+21°	0 dB	0°	166°	+21°	289°	-21°	3.9dB	446°K	367126 +123 Hz
2022-12-21	Wednesday	05:30	173°	+21°	0 dB	0°	173°	+21°	296°	-21°	3.9dB	449°K	367018 +87 Hz
2022-12-21	Wednesday	06:00	180°	+22°	0 dB	0°	180°	+22°	303°	-21°	3.9dB	451°K	366911 +52 Hz
2022-12-21	Wednesday	06:30	187°	+21°	0 dB	0°	187°	+21°	310°	-22°	3.9dB	454°K	366804 +16 Hz
2022-12-21	Wednesday	07:00	194°	+20°	0 dB	0°	194°	+20°	318°	-22°	3.9dB	456°K	366697 -19 Hz
2022-12-21	Wednesday	07:30	201°	+19°	0 dB	0°	201°	+19°	325°	-22°	3.9dB	459°K	366591 -53 Hz
2022-12-21	Wednesday	08:00	208°	+16°	0 dB	0°	208°	+16°	332°	-22°	4.0dB	461°K	366486 -84 Hz
2022-12-21	Wednesday	08:30	214°	+14°	0 dB	0°	214°	+14°	339°	-22°	4.0dB	464°K	366380 -114 Hz
2022-12-21	Wednesday	09:00	221°	+11°	0 dB	0°	221°	+11°	346°	-22°	4.0dB	466°K	366276 -140 Hz
2022-12-21	Wednesday	09:30	226°	+7°	0 dB	0°	226°	+7°	354°	-22°	4.0dB	469°K	366172 -163 Hz
2022-12-21	Wednesday	10:00	232°	+3°	0 dB	0°	232°	+3°	1°	-22°	4.0dB	471°K	366068 -183 Hz
2022-12-22	Thursday	03:00	130°	+1°	0 dB	0°	130°	+1°	246°	-25°	5.4dB	701°K	362887 +269 Hz
2022-12-22	Thursday	03:30	135°	+5°	0 dB	0°	135°	+5°	253°	-25°	5.5dB	713°K	362804 +249 Hz
2022-12-22	Thursday	04:00	141°	+8°	0 dB	0°	141°	+8°	260°	-25°	5.6dB	724°K	362722 +226 Hz
2022-12-22	Thursday	04:30	147°	+11°	0 dB	0°	147°	+11°	267°	-25°	5.6dB	736°K	362640 +199 Hz
2022-12-22	Thursday	05:00	153°	+13°	0 dB	0°	153°	+13°	274°	-25°	5.7dB	747°K	362559 +170 Hz
2022-12-22	Thursday	05:30	160°	+15°	0 dB	0°	160°	+15°	281°	-25°	5.7dB	759°K	362479 +139 Hz
2022-12-22	Thursday	06:00	166°	+17°	0 dB	0°	166°	+17°	289°	-25°	5.8dB	771°K	362400 +106 Hz
2022-12-22	Thursday	06:30	173°	+18°	0 dB	0°	173°	+18°	296°	-25°	5.8dB	782°K	362321 +73 Hz
2022-12-22	Thursday	07:00	180°	+18°	0 dB	0°	180°	+18°	303°	-25°	5.9dB	794°K	362243 +38 Hz
2022-12-22	Thursday	07:30	187°	+17°	0 dB	0°	187°	+17°	310°	-25°	6.0dB	806°K	362165 +4 Hz
2022-12-22	Thursday	08:00	194°	+16°	0 dB	0°	194°	+16°	317°	-25°	6.0dB	817°K	362089 -30 Hz
2022-12-22	Thursday	08:30	200°	+15°	0 dB	0°	200°	+15°	325°	-25°	6.1dB	829°K	362013 -63 Hz
2022-12-22	Thursday	09:00	207°	+13°	0 dB	0°	207°	+13°	332°	-25°	6.1dB	841°K	361937 -93 Hz
2022-12-22	Thursday	09:30	213°	+10°	0 dB	0°	213°	+10°	339°	-26°	6.2dB	852°K	361862 -122 Hz
2022-12-22	Thursday	10:00	219°	+7°	0 dB	0°	219°	+7°	346°	-26°	6.2dB	864°K	361788 -148 Hz
2022-12-22	Thursday	10:30	224°	+4°	0 dB	0°	224°	+4°	353°	-26°	6.3dB	888°K	361715 -170 Hz
2022-12-22	Thursday	11:00	229°	+0°	0 dB	0°	229°	+0°	0°	-26°	6.5dB	921°K	361643 -189 Hz
2022-12-23	Fri day	04:30	136°	+2°	0 dB	0°	136°	+2°	252°	-27°	11.0dB	SUN!	359568 +230 Hz
2022-12-23	Fri day	05:00	141°	+6°	0 dB	0°	141°	+6°	259°	-27°	11.1dB	SUN!	359523 +208 Hz
2022-12-23	Fri day	05:30	147°	+9°	0 dB	0°	147°	+9°	266°	-27°	11.2dB	SUN!	359478 +183 Hz
2022-12-23	Fri day	06:00	153°	+11°	0 dB	0°	153°	+11°	273°	-27°	11.3dB	SUN!	359434 +155 Hz
2022-12-23	Fri day	06:30	159°	+13°	0 dB	0°	159°	+13°	280°	-27°	11.4dB	SUN!	359391 +125 Hz
2022-12-23	Fri day	07:00	166°	+14°	0 dB	0°	166°	+14°	287°	-27°	11.5dB	SUN!	359349 +93 Hz
2022-12-23	Fri day	07:30	172°	+15°	0 dB	0°	172°	+15°	295°	-27°	11.6dB	SUN!	359308 +60 Hz
2022-12-23	Fri day	08:00	179°	+16°	0 dB	0°	179°	+16°	302°	-27°	11.7dB	SUN!	359267 +26 Hz
2022-12-23	Fri day	08:30	185°	+16°	0 dB	0°	185°	+16°	309°	-27°	11.6dB	SUN!	359227 -7 Hz
2022-12-23	Fri day	09:00	192°	+15°	0 dB	0°	192°	+15°	316°	-27°	11.5dB	SUN!	359188 -41 Hz
2022-12-23	Fri day	09:30	199°	+13°	0 dB	0°	199°	+13°	323°	-27°	11.5dB	SUN!	359150 -73 Hz
2022-12-23	Fri day	10:00	205°	+12°	0 dB	0°	205°	+12°	330°	-27°	11.4dB	SUN!	359112 -103 Hz
2022-12-23	Fri day	10:30	211°	+9°	0 dB	0°	211°	+9°	338°	-27°	11.3dB	SUN!	359076 -132 Hz
2022-12-23	Fri day	11:00	217°	+6°	0 dB	0°	217°	+6°	345°	-27°	11.2dB	SUN!	359040 -158 Hz
2022-12-23	Fri day	11:30	222°	+3°	0 dB	0°	222°	+3°	352°	-27°	11.1dB	SUN!	359005 -181 Hz
2022-12-23	Fri day	12:00	227°	-0°	0 dB	0°	227°	-0°	359°	-27°	11.0dB	SUN!	358971 -201 Hz
2022-12-24	Saturday	05:30	135°	+1°	0 dB	0°	135°	+1°	250°	-27°	6.0dB	852°K	358289 +215 Hz
2022-12-24	Saturday	06:00	140°	+5°	0 dB	0°	140°	+5°	257°	-27°	5.9dB	835°K	358285 +193 Hz
2022-12-24	Saturday	06:30	146°	+8°	0 dB	0°	146°	+8°	264°	-27°	5.8dB	819°K	358281 +169 Hz
2022-12-24	Saturday	07:00	152°	+10°	0 dB	0°	152°	+10°	271°	-27°	5.8dB	802°K	358278 +142 Hz
2022-12-24	Saturday	07:30	158°	+13°	0 dB	0°	158°	+13°	279°	-27°	5.7dB	786°K	358276 +113 Hz
2022-12-24	Saturday	08:00	164°	+14°	0 dB	0°	164°	+14°	286°	-27°	5.6dB	769°K	358274 +81 Hz
2022-12-24	Saturday	08:30	171°	+15°	0 dB	0°	171°	+15°	293°	-27°	5.5dB	753°K	358274 +49 Hz
2022-12-24	Saturday	09:00	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	5.4dB	737°K	358274 +15 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-24	Saturday	09:30	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	5.3dB	720°K	358275 -19 Hz
2022-12-24	Saturday	10:00	191°	+15°	0 dB	0°	191°	+15°	314°	-27°	5.2dB	704°K	358277 -52 Hz
2022-12-24	Saturday	10:30	197°	+14°	0 dB	0°	197°	+14°	322°	-27°	5.1dB	687°K	358280 -85 Hz
2022-12-24	Saturday	11:00	203°	+12°	0 dB	0°	203°	+12°	329°	-27°	5.0dB	671°K	358283 -116 Hz
2022-12-24	Saturday	11:30	210°	+10°	0 dB	0°	210°	+10°	336°	-27°	4.9dB	655°K	358288 -145 Hz
2022-12-24	Saturday	12:00	215°	+8°	0 dB	0°	215°	+8°	343°	-27°	4.8dB	638°K	358293 -172 Hz
2022-12-24	Saturday	12:30	221°	+5°	0 dB	0°	221°	+5°	350°	-27°	4.7dB	622°K	358299 -196 Hz
2022-12-24	Saturday	13:00	227°	+1°	0 dB	0°	227°	+1°	357°	-27°	4.6dB	606°K	358306 -217 Hz
2022-12-25	Sunday	06:30	132°	+2°	0 dB	0°	132°	+2°	248°	-25°	2.6dB	353°K	359046 +204 Hz
2022-12-25	Sunday	07:00	138°	+6°	0 dB	0°	138°	+6°	256°	-25°	2.6dB	351°K	359081 +183 Hz
2022-12-25	Sunday	07:30	144°	+9°	0 dB	0°	144°	+9°	263°	-25°	2.6dB	349°K	359117 +159 Hz
2022-12-25	Sunday	08:00	150°	+12°	0 dB	0°	150°	+12°	270°	-25°	2.5dB	347°K	359153 +132 Hz
2022-12-25	Sunday	08:30	156°	+14°	0 dB	0°	156°	+14°	277°	-25°	2.5dB	345°K	359191 +102 Hz
2022-12-25	Sunday	09:00	162°	+16°	0 dB	0°	162°	+16°	284°	-25°	2.5dB	343°K	359229 +71 Hz
2022-12-25	Sunday	09:30	169°	+18°	0 dB	0°	169°	+18°	292°	-25°	2.5dB	341°K	359268 +37 Hz
2022-12-25	Sunday	10:00	176°	+18°	0 dB	0°	176°	+18°	299°	-25°	2.5dB	339°K	359307 +3 Hz
2022-12-25	Sunday	10:30	183°	+18°	0 dB	0°	183°	+18°	306°	-25°	2.4dB	337°K	359348 -32 Hz
2022-12-25	Sunday	11:00	190°	+18°	0 dB	0°	190°	+18°	313°	-25°	2.4dB	335°K	359389 -66 Hz
2022-12-25	Sunday	11:30	196°	+17°	0 dB	0°	196°	+17°	320°	-24°	2.4dB	333°K	359430 -100 Hz
2022-12-25	Sunday	12:00	203°	+15°	0 dB	0°	203°	+15°	327°	-24°	2.4dB	331°K	359473 -132 Hz
2022-12-25	Sunday	12:30	210°	+13°	0 dB	0°	210°	+13°	335°	-24°	2.4dB	329°K	359516 -163 Hz
2022-12-25	Sunday	13:00	216°	+10°	0 dB	0°	216°	+10°	342°	-24°	2.3dB	327°K	359560 -191 Hz
2022-12-25	Sunday	13:30	222°	+7°	0 dB	0°	222°	+7°	349°	-24°	2.3dB	326°K	359605 -216 Hz
2022-12-25	Sunday	14:00	227°	+4°	0 dB	0°	227°	+4°	356°	-24°	2.3dB	326°K	359650 -238 Hz
2022-12-25	Sunday	14:30	233°	+0°	0 dB	0°	233°	+0°	3°	-24°	2.3dB	326°K	359696 -257 Hz
2022-12-26	Monday	07:00	124°	+1°	0 dB	0°	124°	+1°	241°	-21°	2.4dB	326°K	361598 +214 Hz
2022-12-26	Monday	07:30	130°	+5°	0 dB	0°	130°	+5°	248°	-21°	2.4dB	326°K	361667 +196 Hz
2022-12-26	Monday	08:00	135°	+9°	0 dB	0°	135°	+9°	255°	-21°	2.4dB	326°K	361736 +175 Hz
2022-12-26	Monday	08:30	141°	+13°	0 dB	0°	141°	+13°	262°	-21°	2.4dB	326°K	361805 +150 Hz
2022-12-26	Monday	09:00	148°	+16°	0 dB	0°	148°	+16°	270°	-21°	2.4dB	326°K	361876 +123 Hz
2022-12-26	Monday	09:30	154°	+18°	0 dB	0°	154°	+18°	277°	-21°	2.4dB	326°K	361947 +92 Hz
2022-12-26	Monday	10:00	161°	+20°	0 dB	0°	161°	+20°	284°	-21°	2.4dB	326°K	362018 +59 Hz
2022-12-26	Monday	10:30	168°	+22°	0 dB	0°	168°	+22°	291°	-21°	2.4dB	326°K	362090 +25 Hz
2022-12-26	Monday	11:00	175°	+22°	0 dB	0°	175°	+22°	298°	-20°	2.5dB	326°K	362163 -11 Hz
2022-12-26	Monday	11:30	183°	+23°	0 dB	0°	183°	+23°	306°	-20°	2.5dB	326°K	362236 -47 Hz
2022-12-26	Monday	12:00	190°	+22°	0 dB	0°	190°	+22°	313°	-20°	2.5dB	326°K	362310 -83 Hz
2022-12-26	Monday	12:30	197°	+21°	0 dB	0°	197°	+21°	320°	-20°	2.5dB	326°K	362384 -118 Hz
2022-12-26	Monday	13:00	204°	+19°	0 dB	0°	204°	+19°	327°	-20°	2.5dB	325°K	362459 -152 Hz
2022-12-26	Monday	13:30	211°	+17°	0 dB	0°	211°	+17°	335°	-20°	2.4dB	324°K	362534 -184 Hz
2022-12-26	Monday	14:00	218°	+14°	0 dB	0°	218°	+14°	342°	-20°	2.4dB	322°K	362610 -213 Hz
2022-12-26	Monday	14:30	224°	+11°	0 dB	0°	224°	+11°	349°	-20°	2.4dB	321°K	362687 -239 Hz
2022-12-26	Monday	15:00	230°	+8°	0 dB	0°	230°	+8°	356°	-20°	2.4dB	320°K	362764 -262 Hz
2022-12-26	Monday	15:30	235°	+4°	0 dB	0°	235°	+4°	3°	-20°	2.4dB	319°K	362842 -282 Hz
2022-12-26	Monday	16:00	241°	-0°	0 dB	0°	241°	-0°	11°	-19°	2.4dB	317°K	362920 -297 Hz
2022-12-27	Tuesday	07:30	116°	+2°	0 dB	0°	116°	+2°	234°	-16°	1.9dB	269°K	365588 +223 Hz
2022-12-27	Tuesday	08:00	122°	+6°	0 dB	0°	122°	+6°	242°	-16°	1.9dB	267°K	365681 +209 Hz
2022-12-27	Tuesday	08:30	127°	+10°	0 dB	0°	127°	+10°	249°	-16°	1.9dB	265°K	365775 +190 Hz
2022-12-27	Tuesday	09:00	133°	+14°	0 dB	0°	133°	+14°	256°	-16°	1.9dB	263°K	365869 +168 Hz
2022-12-27	Tuesday	09:30	140°	+18°	0 dB	0°	140°	+18°	263°	-16°	1.8dB	261°K	365963 +142 Hz
2022-12-27	Tuesday	10:00	146°	+21°	0 dB	0°	146°	+21°	271°	-15°	1.8dB	259°K	366058 +112 Hz
2022-12-27	Tuesday	10:30	153°	+24°	0 dB	0°	153°	+24°	278°	-15°	1.8dB	257°K	366153 +80 Hz
2022-12-27	Tuesday	11:00	161°	+26°	0 dB	0°	161°	+26°	285°	-15°	1.8dB	255°K	366249 +46 Hz
2022-12-27	Tuesday	11:30	168°	+27°	0 dB	0°	168°	+27°	292°	-15°	1.7dB	253°K	366345 +10 Hz
2022-12-27	Tuesday	12:00	176°	+28°	0 dB	0°	176°	+28°	300°	-15°	1.7dB	251°K	366441 -27 Hz
2022-12-27	Tuesday	12:30	184°	+28°	0 dB	0°	184°	+28°	307°	-15°	1.7dB	249°K	366538 -65 Hz
2022-12-27	Tuesday	13:00	192°	+28°	0 dB	0°	192°	+28°	314°	-15°	1.7dB	247°K	366635 -102 Hz
2022-12-27	Tuesday	13:30	200°	+26°	0 dB	0°	200°	+26°	321°	-15°	1.6dB	245°K	366732 -138 Hz
2022-12-27	Tuesday	14:00	207°	+24°	0 dB	0°	207°	+24°	328°	-14°	1.6dB	243°K	366830 -173 Hz
2022-12-27	Tuesday	14:30	215°	+22°	0 dB	0°	215°	+22°	336°	-14°	1.6dB	243°K	366928 -206 Hz
2022-12-27	Tuesday	15:00	221°	+19°	0 dB	0°	221°	+19°	343°	-14°	1.6dB	243°K	367027 -236 Hz
2022-12-27	Tuesday	15:30	228°	+15°	0 dB	0°	228°	+15°	350°	-14°	1.6dB	243°K	367126 -263 Hz
2022-12-27	Tuesday	16:00	234°	+12°	0 dB	0°	234°	+12°	357°	-14°	1.6dB	243°K	367225 -286 Hz
2022-12-27	Tuesday	16:30	240°	+7°	0 dB	0°	240°	+7°	5°	-14°	1.6dB	243°K	367324 -305 Hz
2022-12-27	Tuesday	17:00	245°	+3°	0 dB	0°	245°	+3°	12°	-14°	1.7dB	243°K	367424 -320 Hz
2022-12-28	Wednesday	08:00	109°	+3°	0 dB	0°	109°	+3°	229°	-10°	1.8dB	242°K	370550 +232 Hz
2022-12-28	Wednesday	08:30	114°	+8°	0 dB	0°	114°	+8°	237°	-10°	1.8dB	241°K	370658 +220 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2022-12-28	Wednesday 09:00	120°	+12°	0 dB	0°	120°	+12°	244°	-10°	1.8dB	241°K	370766	+204 Hz
2022-12-28	Wednesday 09:30	125°	+17°	0 dB	0°	125°	+17°	251°	-10°	1.8dB	241°K	370874	+184 Hz
2022-12-28	Wednesday 10:00	132°	+21°	0 dB	0°	132°	+21°	258°	-10°	1.8dB	241°K	370983	+160 Hz
2022-12-28	Wednesday 10:30	138°	+24°	0 dB	0°	138°	+24°	266°	-9°	1.8dB	241°K	371092	+132 Hz
2022-12-28	Wednesday 11:00	146°	+28°	0 dB	0°	146°	+28°	273°	-9°	1.8dB	241°K	371200	+100 Hz
2022-12-28	Wednesday 11:30	153°	+30°	0 dB	0°	153°	+30°	280°	-9°	1.8dB	241°K	371309	+66 Hz
2022-12-28	Wednesday 12:00	161°	+32°	0 dB	0°	161°	+32°	287°	-9°	1.8dB	240°K	371419	+30 Hz
2022-12-28	Wednesday 12:30	170°	+34°	0 dB	0°	170°	+34°	295°	-9°	1.8dB	240°K	371528	-7 Hz
2022-12-28	Wednesday 13:00	179°	+34°	0 dB	0°	179°	+34°	302°	-9°	1.8dB	240°K	371638	-46 Hz
2022-12-28	Wednesday 13:30	187°	+34°	0 dB	0°	187°	+34°	309°	-9°	1.8dB	240°K	371747	-84 Hz
2022-12-28	Wednesday 14:00	196°	+33°	0 dB	0°	196°	+33°	316°	-8°	1.8dB	240°K	371857	-123 Hz
2022-12-28	Wednesday 14:30	204°	+32°	0 dB	0°	204°	+32°	324°	-8°	1.8dB	240°K	371967	-159 Hz
2022-12-28	Wednesday 15:00	212°	+29°	0 dB	0°	212°	+29°	331°	-8°	1.8dB	239°K	372077	-195 Hz
2022-12-28	Wednesday 15:30	220°	+27°	0 dB	0°	220°	+27°	338°	-8°	1.8dB	239°K	372187	-227 Hz
2022-12-28	Wednesday 16:00	227°	+23°	0 dB	0°	227°	+23°	345°	-8°	1.8dB	239°K	372298	-257 Hz
2022-12-28	Wednesday 16:30	234°	+19°	0 dB	0°	234°	+19°	353°	-8°	1.8dB	239°K	372408	-283 Hz
2022-12-28	Wednesday 17:00	240°	+15°	0 dB	0°	240°	+15°	360°	-8°	1.8dB	239°K	372519	-305 Hz
2022-12-28	Wednesday 17:30	246°	+11°	0 dB	0°	246°	+11°	7°	-8°	1.8dB	239°K	372630	-323 Hz
2022-12-28	Wednesday 18:00	251°	+6°	0 dB	0°	251°	+6°	14°	-7°	1.8dB	239°K	372741	-337 Hz
2022-12-28	Wednesday 18:30	257°	+2°	0 dB	0°	257°	+2°	22°	-7°	1.8dB	239°K	372852	-346 Hz
2022-12-29	Thursday 08:00	096°	-0°	0 dB	0°	096°	-0°	218°	-4°	2.0dB	243°K	375882	+244 Hz
2022-12-29	Thursday 08:30	101°	+5°	0 dB	0°	101°	+5°	225°	-4°	2.1dB	244°K	375995	+240 Hz
2022-12-29	Thursday 09:00	107°	+10°	0 dB	0°	107°	+10°	232°	-4°	2.1dB	244°K	376108	+231 Hz
2022-12-29	Thursday 09:30	112°	+15°	0 dB	0°	112°	+15°	240°	-3°	2.1dB	245°K	376221	+217 Hz
2022-12-29	Thursday 10:00	118°	+19°	0 dB	0°	118°	+19°	247°	-3°	2.1dB	246°K	376334	+199 Hz
2022-12-29	Thursday 10:30	124°	+24°	0 dB	0°	124°	+24°	254°	-3°	2.1dB	246°K	376447	+176 Hz
2022-12-29	Thursday 11:00	131°	+28°	0 dB	0°	131°	+28°	261°	-3°	2.1dB	247°K	376560	+150 Hz
2022-12-29	Thursday 11:30	138°	+32°	0 dB	0°	138°	+32°	269°	-3°	2.1dB	247°K	376673	+120 Hz
2022-12-29	Thursday 12:00	146°	+35°	0 dB	0°	146°	+35°	276°	-3°	2.2dB	248°K	376786	+86 Hz
2022-12-29	Thursday 12:30	154°	+38°	0 dB	0°	154°	+38°	283°	-3°	2.2dB	248°K	376899	+51 Hz
2022-12-29	Thursday 13:00	163°	+39°	0 dB	0°	163°	+39°	290°	-3°	2.2dB	249°K	377012	+13 Hz
2022-12-29	Thursday 13:30	173°	+41°	0 dB	0°	173°	+41°	298°	-2°	2.2dB	250°K	377125	-26 Hz
2022-12-29	Thursday 14:00	183°	+41°	0 dB	0°	183°	+41°	305°	-2°	2.2dB	250°K	377238	-65 Hz
2022-12-29	Thursday 14:30	192°	+40°	0 dB	0°	192°	+40°	312°	-2°	2.2dB	251°K	377351	-104 Hz
2022-12-29	Thursday 15:00	202°	+39°	0 dB	0°	202°	+39°	319°	-2°	2.2dB	251°K	377464	-142 Hz
2022-12-29	Thursday 15:30	211°	+37°	0 dB	0°	211°	+37°	327°	-2°	2.3dB	252°K	377577	-179 Hz
2022-12-29	Thursday 16:00	219°	+34°	0 dB	0°	219°	+34°	334°	-2°	2.3dB	253°K	377690	-213 Hz
2022-12-29	Thursday 16:30	227°	+31°	0 dB	0°	227°	+31°	341°	-2°	2.3dB	253°K	377802	-245 Hz
2022-12-29	Thursday 17:00	234°	+27°	0 dB	0°	234°	+27°	349°	-1°	2.3dB	254°K	377915	-274 Hz
2022-12-29	Thursday 17:30	241°	+23°	0 dB	0°	241°	+23°	356°	-1°	2.3dB	254°K	378028	-298 Hz
2022-12-29	Thursday 18:00	247°	+18°	0 dB	0°	247°	+18°	3°	-1°	2.3dB	255°K	378141	-319 Hz
2022-12-29	Thursday 18:30	253°	+14°	0 dB	0°	253°	+14°	10°	-1°	2.3dB	255°K	378253	-335 Hz
2022-12-29	Thursday 19:00	258°	+9°	0 dB	0°	258°	+9°	18°	-1°	2.3dB	256°K	378366	-346 Hz
2022-12-29	Thursday 19:30	264°	+4°	0 dB	0°	264°	+4°	25°	-1°	2.4dB	257°K	378478	-353 Hz
2022-12-30	Fri day 08:30	089°	+2°	0 dB	0°	089°	+2°	214°	+3°	2.7dB	272°K	381378	+247 Hz
2022-12-30	Fri day 09:00	094°	+7°	0 dB	0°	094°	+7°	221°	+3°	2.7dB	272°K	381489	+245 Hz
2022-12-30	Fri day 09:30	099°	+12°	0 dB	0°	099°	+12°	229°	+3°	2.7dB	273°K	381599	+239 Hz
2022-12-30	Fri day 10:00	105°	+17°	0 dB	0°	105°	+17°	236°	+3°	2.7dB	273°K	381709	+227 Hz
2022-12-30	Fri day 10:30	111°	+22°	0 dB	0°	111°	+22°	243°	+3°	2.7dB	274°K	381818	+211 Hz
2022-12-30	Fri day 11:00	117°	+27°	0 dB	0°	117°	+27°	250°	+3°	2.7dB	274°K	381928	+191 Hz
2022-12-30	Fri day 11:30	123°	+31°	0 dB	0°	123°	+31°	258°	+3°	2.8dB	275°K	382038	+166 Hz
2022-12-30	Fri day 12:00	130°	+35°	0 dB	0°	130°	+35°	265°	+3°	2.8dB	276°K	382147	+137 Hz
2022-12-30	Fri day 12:30	138°	+39°	0 dB	0°	138°	+39°	272°	+4°	2.8dB	276°K	382256	+105 Hz
2022-12-30	Fri day 13:00	147°	+42°	0 dB	0°	147°	+42°	279°	+4°	2.8dB	277°K	382365	+71 Hz
2022-12-30	Fri day 13:30	157°	+45°	0 dB	0°	157°	+45°	287°	+4°	2.8dB	277°K	382474	+34 Hz
2022-12-30	Fri day 14:00	167°	+47°	0 dB	0°	167°	+47°	294°	+4°	2.8dB	278°K	382583	-4 Hz
2022-12-30	Fri day 14:30	177°	+47°	0 dB	0°	177°	+47°	301°	+4°	2.8dB	278°K	382692	-44 Hz
2022-12-30	Fri day 15:00	188°	+47°	0 dB	0°	188°	+47°	309°	+4°	2.9dB	279°K	382800	-83 Hz
2022-12-30	Fri day 15:30	199°	+46°	0 dB	0°	199°	+46°	316°	+4°	2.9dB	280°K	382909	-122 Hz
2022-12-30	Fri day 16:00	209°	+44°	0 dB	0°	209°	+44°	323°	+4°	2.9dB	280°K	383017	-159 Hz
2022-12-30	Fri day 16:30	218°	+42°	0 dB	0°	218°	+42°	330°	+5°	2.9dB	281°K	383125	-195 Hz
2022-12-30	Fri day 17:00	227°	+38°	0 dB	0°	227°	+38°	338°	+5°	2.9dB	281°K	383233	-228 Hz
2022-12-30	Fri day 17:30	235°	+34°	0 dB	0°	235°	+34°	345°	+5°	2.9dB	282°K	383341	-258 Hz
2022-12-30	Fri day 18:00	242°	+30°	0 dB	0°	242°	+30°	352°	+5°	2.9dB	282°K	383448	-285 Hz
2022-12-30	Fri day 18:30	248°	+26°	0 dB	0°	248°	+26°	360°	+5°	2.9dB	283°K	383556	-307 Hz
2022-12-30	Fri day 19:00	254°	+21°	0 dB	0°	254°	+21°	7°	+5°	3.0dB	284°K	383663	-325 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2022-12-30	Fri day	19: 30	260°	+16°	0 dB	0°	260°	+16°	14°	+5°	3. 0dB	284°K	383770	-339 Hz
2022-12-30	Fri day	20: 00	265°	+11°	0 dB	0°	265°	+11°	21°	+5°	3. 0dB	285°K	383877	-348 Hz
2022-12-30	Fri day	20: 30	271°	+6°	0 dB	0°	271°	+6°	29°	+6°	3. 0dB	285°K	383984	-351 Hz
2022-12-30	Fri day	21: 00	276°	+1°	0 dB	0°	276°	+1°	36°	+6°	3. 0dB	286°K	384091	-350 Hz
2022-12-31	Saturday	09: 00	082°	+3°	0 dB	0°	082°	+3°	210°	+9°	3. 2dB	297°K	386593	+248 Hz
2022-12-31	Saturday	09: 30	087°	+9°	0 dB	0°	087°	+9°	218°	+9°	3. 3dB	298°K	386695	+249 Hz
2022-12-31	Saturday	10: 00	092°	+14°	0 dB	0°	092°	+14°	225°	+9°	3. 3dB	298°K	386796	+245 Hz
2022-12-31	Saturday	10: 30	098°	+19°	0 dB	0°	098°	+19°	232°	+9°	3. 3dB	298°K	386898	+235 Hz
2022-12-31	Saturday	11: 00	103°	+24°	0 dB	0°	103°	+24°	240°	+9°	3. 3dB	299°K	386999	+221 Hz
2022-12-31	Saturday	11: 30	109°	+29°	0 dB	0°	109°	+29°	247°	+9°	3. 3dB	299°K	387100	+203 Hz
2022-12-31	Saturday	12: 00	116°	+34°	0 dB	0°	116°	+34°	254°	+9°	3. 3dB	299°K	387200	+180 Hz
2022-12-31	Saturday	12: 30	123°	+38°	0 dB	0°	123°	+38°	261°	+9°	3. 3dB	299°K	387301	+154 Hz
2022-12-31	Saturday	13: 00	130°	+43°	0 dB	0°	130°	+43°	269°	+10°	3. 3dB	300°K	387401	+124 Hz
2022-12-31	Saturday	13: 30	139°	+46°	0 dB	0°	139°	+46°	276°	+10°	3. 3dB	300°K	387501	+90 Hz
2022-12-31	Saturday	14: 00	149°	+49°	0 dB	0°	149°	+49°	283°	+10°	3. 3dB	300°K	387601	+55 Hz
2022-12-31	Saturday	14: 30	160°	+52°	0 dB	0°	160°	+52°	291°	+10°	3. 3dB	300°K	387700	+18 Hz
2022-12-31	Saturday	15: 00	171°	+53°	0 dB	0°	171°	+53°	298°	+10°	3. 3dB	301°K	387799	-21 Hz
2022-12-31	Saturday	15: 30	183°	+54°	0 dB	0°	183°	+54°	305°	+10°	3. 4dB	301°K	387899	-60 Hz
2022-12-31	Saturday	16: 00	196°	+53°	0 dB	0°	196°	+53°	312°	+10°	3. 4dB	301°K	387997	-98 Hz
2022-12-31	Saturday	16: 30	207°	+51°	0 dB	0°	207°	+51°	320°	+10°	3. 4dB	302°K	388096	-136 Hz
2022-12-31	Saturday	17: 00	217°	+48°	0 dB	0°	217°	+48°	327°	+10°	3. 4dB	302°K	388194	-172 Hz
2022-12-31	Saturday	17: 30	227°	+45°	0 dB	0°	227°	+45°	334°	+11°	3. 4dB	302°K	388293	-206 Hz
2022-12-31	Saturday	18: 00	235°	+41°	0 dB	0°	235°	+41°	341°	+11°	3. 4dB	302°K	388391	-237 Hz
2022-12-31	Saturday	18: 30	243°	+37°	0 dB	0°	243°	+37°	349°	+11°	3. 4dB	303°K	388488	-265 Hz
2022-12-31	Saturday	19: 00	249°	+32°	0 dB	0°	249°	+32°	356°	+11°	3. 4dB	303°K	388586	-289 Hz
2022-12-31	Saturday	19: 30	256°	+28°	0 dB	0°	256°	+28°	3°	+11°	3. 4dB	303°K	388683	-309 Hz
2022-12-31	Saturday	20: 00	262°	+23°	0 dB	0°	262°	+23°	11°	+11°	3. 4dB	304°K	388780	-325 Hz
2022-12-31	Saturday	20: 30	267°	+18°	0 dB	0°	267°	+18°	18°	+11°	3. 4dB	304°K	388877	-336 Hz
2022-12-31	Saturday	21: 00	272°	+13°	0 dB	0°	272°	+13°	25°	+11°	3. 4dB	305°K	388973	-342 Hz
2022-12-31	Saturday	21: 30	278°	+8°	0 dB	0°	278°	+8°	32°	+11°	3. 5dB	306°K	389069	-343 Hz
2022-12-31	Saturday	22: 00	283°	+3°	0 dB	0°	283°	+3°	40°	+12°	3. 5dB	308°K	389165	-339 Hz
2023-01-01	Sunday	09: 00	071°	+0°	0 dB	0°	071°	+0°	200°	+14°	3. 9dB	339°K	391215	+240 Hz
2023-01-01	Sunday	09: 30	076°	+5°	0 dB	0°	076°	+5°	207°	+14°	4. 0dB	341°K	391305	+247 Hz
2023-01-01	Sunday	10: 00	081°	+10°	0 dB	0°	081°	+10°	214°	+14°	4. 0dB	342°K	391395	+250 Hz
2023-01-01	Sunday	10: 30	086°	+15°	0 dB	0°	086°	+15°	221°	+14°	4. 0dB	344°K	391484	+248 Hz
2023-01-01	Sunday	11: 00	091°	+20°	0 dB	0°	091°	+20°	229°	+14°	4. 0dB	345°K	391574	+241 Hz
2023-01-01	Sunday	11: 30	096°	+25°	0 dB	0°	096°	+25°	236°	+15°	4. 0dB	347°K	391663	+230 Hz
2023-01-01	Sunday	12: 00	102°	+31°	0 dB	0°	102°	+31°	243°	+15°	4. 1dB	348°K	391752	+214 Hz
2023-01-01	Sunday	12: 30	108°	+36°	0 dB	0°	108°	+36°	251°	+15°	4. 1dB	349°K	391840	+193 Hz
2023-01-01	Sunday	13: 00	114°	+40°	0 dB	0°	114°	+40°	258°	+15°	4. 1dB	349°K	391929	+169 Hz
2023-01-01	Sunday	13: 30	122°	+45°	0 dB	0°	122°	+45°	265°	+15°	4. 1dB	350°K	392017	+141 Hz
2023-01-01	Sunday	14: 00	130°	+49°	0 dB	0°	130°	+49°	272°	+15°	4. 1dB	351°K	392105	+110 Hz
2023-01-01	Sunday	14: 30	140°	+53°	0 dB	0°	140°	+53°	280°	+15°	4. 1dB	351°K	392192	+76 Hz
2023-01-01	Sunday	15: 00	151°	+56°	0 dB	0°	151°	+56°	287°	+15°	4. 1dB	352°K	392280	+40 Hz
2023-01-01	Sunday	15: 30	164°	+58°	0 dB	0°	164°	+58°	294°	+15°	4. 1dB	353°K	392367	+3 Hz
2023-01-01	Sunday	16: 00	177°	+59°	0 dB	0°	177°	+59°	301°	+15°	4. 2dB	354°K	392453	-35 Hz
2023-01-01	Sunday	16: 30	191°	+59°	0 dB	0°	191°	+59°	309°	+16°	4. 2dB	354°K	392540	-73 Hz
2023-01-01	Sunday	17: 00	204°	+57°	0 dB	0°	204°	+57°	316°	+16°	4. 2dB	355°K	392626	-110 Hz
2023-01-01	Sunday	17: 30	216°	+55°	0 dB	0°	216°	+55°	323°	+16°	4. 2dB	356°K	392712	-147 Hz
2023-01-01	Sunday	18: 00	226°	+52°	0 dB	0°	226°	+52°	331°	+16°	4. 2dB	357°K	392798	-181 Hz
2023-01-01	Sunday	18: 30	236°	+48°	0 dB	0°	236°	+48°	338°	+16°	4. 2dB	357°K	392883	-213 Hz
2023-01-01	Sunday	19: 00	244°	+43°	0 dB	0°	244°	+43°	345°	+16°	4. 2dB	358°K	392968	-242 Hz
2023-01-01	Sunday	19: 30	251°	+39°	0 dB	0°	251°	+39°	352°	+16°	4. 2dB	359°K	393053	-267 Hz
2023-01-01	Sunday	20: 00	257°	+34°	0 dB	0°	257°	+34°	360°	+16°	4. 2dB	359°K	393138	-289 Hz
2023-01-01	Sunday	20: 30	263°	+29°	0 dB	0°	263°	+29°	7°	+16°	4. 2dB	360°K	393222	-306 Hz
2023-01-01	Sunday	21: 00	268°	+24°	0 dB	0°	268°	+24°	14°	+16°	4. 3dB	361°K	393306	-319 Hz
2023-01-01	Sunday	21: 30	274°	+19°	0 dB	0°	274°	+19°	21°	+17°	4. 3dB	362°K	393390	-327 Hz
2023-01-01	Sunday	22: 00	279°	+14°	0 dB	0°	279°	+14°	29°	+17°	4. 3dB	362°K	393474	-331 Hz
2023-01-01	Sunday	22: 30	284°	+9°	0 dB	0°	284°	+9°	36°	+17°	4. 3dB	363°K	393557	-329 Hz
2023-01-01	Sunday	23: 00	289°	+4°	0 dB	0°	289°	+4°	43°	+17°	4. 3dB	364°K	393640	-324 Hz
2023-01-01	Sunday	23: 30	294°	-0°	0 dB	0°	294°	-0°	50°	+17°	4. 3dB	365°K	393723	-313 Hz
2023-01-02	Monday	09: 30	065°	+1°	0 dB	0°	065°	+1°	196°	+19°	4. 3dB	359°K	395319	+234 Hz
2023-01-02	Monday	10: 00	070°	+6°	0 dB	0°	070°	+6°	203°	+19°	4. 3dB	358°K	395396	+244 Hz
2023-01-02	Monday	10: 30	075°	+11°	0 dB	0°	075°	+11°	210°	+19°	4. 3dB	358°K	395473	+249 Hz
2023-01-02	Monday	11: 00	080°	+16°	0 dB	0°	080°	+16°	218°	+19°	4. 3dB	357°K	395549	+249 Hz
2023-01-02	Monday	11: 30	084°	+21°	0 dB	0°	084°	+21°	225°	+19°	4. 3dB	356°K	395625	+245 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-01-02	Monday	12:00	090°	+26°	0 dB	0°	090°	+26°	232°	+19°	4.3dB	355°K	395701	+236 Hz
2023-01-02	Monday	12:30	095°	+31°	0 dB	0°	095°	+31°	239°	+19°	4.3dB	355°K	395777	+223 Hz
2023-01-02	Monday	13:00	100°	+36°	0 dB	0°	100°	+36°	247°	+19°	4.3dB	354°K	395852	+205 Hz
2023-01-02	Monday	13:30	107°	+41°	0 dB	0°	107°	+41°	254°	+20°	4.3dB	353°K	395927	+183 Hz
2023-01-02	Monday	14:00	113°	+46°	0 dB	0°	113°	+46°	261°	+20°	4.3dB	352°K	396002	+158 Hz
2023-01-02	Monday	14:30	121°	+51°	0 dB	0°	121°	+51°	268°	+20°	4.3dB	352°K	396076	+129 Hz
2023-01-02	Monday	15:00	130°	+55°	0 dB	0°	130°	+55°	276°	+20°	4.3dB	351°K	396150	+98 Hz
2023-01-02	Monday	15:30	141°	+59°	0 dB	0°	141°	+59°	283°	+20°	4.3dB	350°K	396224	+64 Hz
2023-01-02	Monday	16:00	154°	+62°	0 dB	0°	154°	+62°	290°	+20°	4.3dB	349°K	396298	+28 Hz
2023-01-02	Monday	16:30	168°	+63°	0 dB	0°	168°	+63°	297°	+20°	4.3dB	349°K	396371	-8 Hz
2023-01-02	Monday	17:00	184°	+64°	0 dB	0°	184°	+64°	305°	+20°	4.3dB	348°K	396444	-45 Hz
2023-01-02	Monday	17:30	199°	+63°	0 dB	0°	199°	+63°	312°	+20°	4.3dB	348°K	396517	-82 Hz
2023-01-02	Monday	18:00	213°	+61°	0 dB	0°	213°	+61°	319°	+20°	4.3dB	349°K	396590	-118 Hz
2023-01-02	Monday	18:30	225°	+57°	0 dB	0°	225°	+57°	327°	+20°	4.3dB	349°K	396662	-153 Hz
2023-01-02	Monday	19:00	235°	+54°	0 dB	0°	235°	+54°	334°	+20°	4.3dB	350°K	396734	-185 Hz
2023-01-02	Monday	19:30	244°	+49°	0 dB	0°	244°	+49°	341°	+21°	4.3dB	351°K	396806	-215 Hz
2023-01-02	Monday	20:00	251°	+45°	0 dB	0°	251°	+45°	348°	+21°	4.3dB	352°K	396877	-242 Hz
2023-01-02	Monday	20:30	258°	+40°	0 dB	0°	258°	+40°	356°	+21°	4.3dB	352°K	396948	-265 Hz
2023-01-02	Monday	21:00	264°	+35°	0 dB	0°	264°	+35°	3°	+21°	4.3dB	353°K	397019	-284 Hz
2023-01-02	Monday	21:30	269°	+30°	0 dB	0°	269°	+30°	10°	+21°	4.4dB	354°K	397090	-299 Hz
2023-01-02	Monday	22:00	274°	+25°	0 dB	0°	274°	+25°	17°	+21°	4.4dB	355°K	397160	-309 Hz
2023-01-02	Monday	22:30	279°	+20°	0 dB	0°	279°	+20°	25°	+21°	4.4dB	355°K	397230	-316 Hz
2023-01-02	Monday	23:00	284°	+15°	0 dB	0°	284°	+15°	32°	+21°	4.4dB	356°K	397300	-317 Hz
2023-01-02	Monday	23:30	289°	+10°	0 dB	0°	289°	+10°	39°	+21°	4.4dB	357°K	397369	-314 Hz
2023-01-03	Tuesday	00:00	294°	+5°	0 dB	0°	294°	+5°	46°	+21°	4.4dB	358°K	397438	-306 Hz
2023-01-03	Tuesday	00:30	299°	+1°	0 dB	0°	299°	+1°	54°	+21°	4.4dB	358°K	397507	-295 Hz
2023-01-03	Tuesday	10:00	059°	+2°	0 dB	0°	059°	+2°	191°	+23°	4.6dB	374°K	398765	+227 Hz
2023-01-03	Tuesday	10:30	064°	+6°	0 dB	0°	064°	+6°	199°	+23°	4.7dB	376°K	398828	+238 Hz
2023-01-03	Tuesday	11:00	069°	+11°	0 dB	0°	069°	+11°	206°	+23°	4.7dB	377°K	398891	+246 Hz
2023-01-03	Tuesday	11:30	074°	+16°	0 dB	0°	074°	+16°	213°	+23°	4.7dB	378°K	398954	+249 Hz
2023-01-03	Tuesday	12:00	079°	+21°	0 dB	0°	079°	+21°	220°	+23°	4.7dB	379°K	399017	+247 Hz
2023-01-03	Tuesday	12:30	083°	+26°	0 dB	0°	083°	+26°	228°	+23°	4.7dB	380°K	399079	+241 Hz
2023-01-03	Tuesday	13:00	088°	+31°	0 dB	0°	088°	+31°	235°	+23°	4.7dB	381°K	399141	+231 Hz
2023-01-03	Tuesday	13:30	093°	+36°	0 dB	0°	093°	+36°	242°	+23°	4.7dB	382°K	399203	+216 Hz
2023-01-03	Tuesday	14:00	099°	+41°	0 dB	0°	099°	+41°	250°	+23°	4.7dB	383°K	399264	+197 Hz
2023-01-03	Tuesday	14:30	105°	+46°	0 dB	0°	105°	+46°	257°	+23°	4.8dB	384°K	399326	+175 Hz
2023-01-03	Tuesday	15:00	112°	+51°	0 dB	0°	112°	+51°	264°	+23°	4.8dB	385°K	399387	+149 Hz
2023-01-03	Tuesday	15:30	120°	+55°	0 dB	0°	120°	+55°	271°	+23°	4.8dB	386°K	399447	+120 Hz
2023-01-03	Tuesday	16:00	130°	+60°	0 dB	0°	130°	+60°	279°	+24°	4.8dB	388°K	399508	+88 Hz
2023-01-03	Tuesday	16:30	142°	+63°	0 dB	0°	142°	+63°	286°	+24°	4.8dB	389°K	399568	+54 Hz
2023-01-03	Tuesday	17:00	157°	+66°	0 dB	0°	157°	+66°	293°	+24°	4.8dB	390°K	399628	+19 Hz
2023-01-03	Tuesday	17:30	173°	+67°	0 dB	0°	173°	+67°	300°	+24°	4.8dB	391°K	399688	-17 Hz
2023-01-03	Tuesday	18:00	191°	+67°	0 dB	0°	191°	+67°	308°	+24°	4.9dB	392°K	399747	-53 Hz
2023-01-03	Tuesday	18:30	207°	+66°	0 dB	0°	207°	+66°	315°	+24°	4.9dB	393°K	399806	-88 Hz
2023-01-03	Tuesday	19:00	221°	+63°	0 dB	0°	221°	+63°	322°	+24°	4.9dB	394°K	399865	-123 Hz
2023-01-03	Tuesday	19:30	233°	+59°	0 dB	0°	233°	+59°	329°	+24°	4.9dB	395°K	399923	-156 Hz
2023-01-03	Tuesday	20:00	242°	+55°	0 dB	0°	242°	+55°	337°	+24°	4.9dB	396°K	399982	-186 Hz
2023-01-03	Tuesday	20:30	250°	+50°	0 dB	0°	250°	+50°	344°	+24°	4.9dB	397°K	400040	-214 Hz
2023-01-03	Tuesday	21:00	257°	+45°	0 dB	0°	257°	+45°	351°	+24°	4.9dB	398°K	400097	-239 Hz
2023-01-03	Tuesday	21:30	263°	+40°	0 dB	0°	263°	+40°	358°	+24°	4.9dB	400°K	400155	-260 Hz
2023-01-03	Tuesday	22:00	269°	+35°	0 dB	0°	269°	+35°	6°	+24°	5.0dB	401°K	400212	-277 Hz
2023-01-03	Tuesday	22:30	274°	+30°	0 dB	0°	274°	+30°	13°	+24°	5.0dB	402°K	400269	-291 Hz
2023-01-03	Tuesday	23:00	279°	+25°	0 dB	0°	279°	+25°	20°	+24°	5.0dB	403°K	400326	-299 Hz
2023-01-03	Tuesday	23:30	284°	+20°	0 dB	0°	284°	+20°	27°	+24°	5.0dB	405°K	400382	-304 Hz
2023-01-04	Wednesday	00:00	289°	+15°	0 dB	0°	289°	+15°	35°	+25°	5.0dB	406°K	400438	-303 Hz
2023-01-04	Wednesday	00:30	293°	+11°	0 dB	0°	293°	+11°	42°	+25°	5.0dB	407°K	400494	-299 Hz
2023-01-04	Wednesday	01:00	298°	+6°	0 dB	0°	298°	+6°	49°	+25°	5.0dB	408°K	400550	-290 Hz
2023-01-04	Wednesday	01:30	303°	+2°	0 dB	0°	303°	+2°	56°	+25°	5.1dB	410°K	400605	-277 Hz
2023-01-04	Wednesday	10:30	054°	+1°	0 dB	0°	054°	+1°	187°	+26°	5.3dB	432°K	401556	+217 Hz
2023-01-04	Wednesday	11:00	059°	+5°	0 dB	0°	059°	+5°	194°	+26°	5.3dB	434°K	401606	+231 Hz
2023-01-04	Wednesday	11:30	064°	+10°	0 dB	0°	064°	+10°	201°	+26°	5.3dB	435°K	401656	+241 Hz
2023-01-04	Wednesday	12:00	069°	+14°	0 dB	0°	069°	+14°	208°	+26°	5.4dB	438°K	401706	+247 Hz
2023-01-04	Wednesday	12:30	073°	+19°	0 dB	0°	073°	+19°	216°	+26°	5.4dB	440°K	401756	+249 Hz
2023-01-04	Wednesday	13:00	078°	+24°	0 dB	0°	078°	+24°	223°	+26°	5.4dB	443°K	401805	+246 Hz
2023-01-04	Wednesday	13:30	083°	+29°	0 dB	0°	083°	+29°	230°	+26°	5.4dB	445°K	401854	+239 Hz
2023-01-04	Wednesday	14:00	088°	+34°	0 dB	0°	088°	+34°	237°	+26°	5.4dB	447°K	401903	+227 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-04	Wednesday 14:30	093°	+39°	0 dB	0°	093°	+39°	245°	+26°	5.5dB	450°K	401951	+211 Hz
2023-01-04	Wednesday 15:00	098°	+44°	0 dB	0°	098°	+44°	252°	+26°	5.5dB	452°K	401999	+192 Hz
2023-01-04	Wednesday 15:30	105°	+49°	0 dB	0°	105°	+49°	259°	+26°	5.5dB	455°K	402047	+169 Hz
2023-01-04	Wednesday 16:00	112°	+54°	0 dB	0°	112°	+54°	266°	+26°	5.5dB	457°K	402095	+142 Hz
2023-01-04	Wednesday 16:30	120°	+59°	0 dB	0°	120°	+59°	274°	+26°	5.6dB	459°K	402142	+113 Hz
2023-01-04	Wednesday 17:00	131°	+63°	0 dB	0°	131°	+63°	281°	+26°	5.6dB	462°K	402190	+81 Hz
2023-01-04	Wednesday 17:30	144°	+67°	0 dB	0°	144°	+67°	288°	+26°	5.6dB	464°K	402236	+48 Hz
2023-01-04	Wednesday 18:00	160°	+69°	0 dB	0°	160°	+69°	295°	+26°	5.6dB	467°K	402283	+13 Hz
2023-01-04	Wednesday 18:30	179°	+70°	0 dB	0°	179°	+70°	303°	+26°	5.6dB	469°K	402330	-22 Hz
2023-01-04	Wednesday 19:00	198°	+69°	0 dB	0°	198°	+69°	310°	+26°	5.7dB	472°K	402376	-57 Hz
2023-01-04	Wednesday 19:30	215°	+67°	0 dB	0°	215°	+67°	317°	+26°	5.7dB	474°K	402422	-92 Hz
2023-01-04	Wednesday 20:00	228°	+64°	0 dB	0°	228°	+64°	324°	+26°	5.7dB	476°K	402467	-125 Hz
2023-01-04	Wednesday 20:30	239°	+60°	0 dB	0°	239°	+60°	332°	+26°	5.7dB	479°K	402513	-157 Hz
2023-01-04	Wednesday 21:00	248°	+55°	0 dB	0°	248°	+55°	339°	+26°	5.8dB	481°K	402558	-186 Hz
2023-01-04	Wednesday 21:30	255°	+50°	0 dB	0°	255°	+50°	346°	+26°	5.8dB	484°K	402602	-213 Hz
2023-01-04	Wednesday 22:00	262°	+45°	0 dB	0°	262°	+45°	353°	+26°	5.8dB	486°K	402647	-236 Hz
2023-01-04	Wednesday 22:30	267°	+40°	0 dB	0°	267°	+40°	1°	+26°	5.8dB	488°K	402691	-256 Hz
2023-01-04	Wednesday 23:00	273°	+35°	0 dB	0°	273°	+35°	8°	+27°	5.8dB	491°K	402735	-271 Hz
2023-01-04	Wednesday 23:30	278°	+30°	0 dB	0°	278°	+30°	15°	+27°	5.9dB	493°K	402779	-283 Hz
2023-01-05	Thursday 00:00	282°	+25°	0 dB	0°	282°	+25°	22°	+27°	5.9dB	496°K	402823	-290 Hz
2023-01-05	Thursday 00:30	287°	+20°	0 dB	0°	287°	+20°	30°	+27°	5.9dB	498°K	402866	-293 Hz
2023-01-05	Thursday 01:00	292°	+15°	0 dB	0°	292°	+15°	37°	+27°	5.9dB	500°K	402909	-292 Hz
2023-01-05	Thursday 01:30	296°	+11°	0 dB	0°	296°	+11°	44°	+27°	5.9dB	500°K	402952	-286 Hz
2023-01-05	Thursday 02:00	301°	+6°	0 dB	0°	301°	+6°	51°	+27°	5.9dB	500°K	402994	-276 Hz
2023-01-05	Thursday 02:30	306°	+2°	0 dB	0°	306°	+2°	59°	+27°	5.9dB	500°K	403037	-263 Hz
2023-01-05	Thursday 11:30	055°	+3°	0 dB	0°	055°	+3°	189°	+27°	6.0dB	500°K	403753	+224 Hz
2023-01-05	Thursday 12:00	059°	+8°	0 dB	0°	059°	+8°	196°	+27°	6.0dB	500°K	403791	+237 Hz
2023-01-05	Thursday 12:30	064°	+12°	0 dB	0°	064°	+12°	203°	+27°	6.0dB	500°K	403828	+246 Hz
2023-01-05	Thursday 13:00	069°	+17°	0 dB	0°	069°	+17°	211°	+27°	6.0dB	500°K	403865	+250 Hz
2023-01-05	Thursday 13:30	073°	+22°	0 dB	0°	073°	+22°	218°	+27°	6.0dB	500°K	403901	+251 Hz
2023-01-05	Thursday 14:00	078°	+26°	0 dB	0°	078°	+26°	225°	+27°	6.0dB	500°K	403938	+247 Hz
2023-01-05	Thursday 14:30	083°	+31°	0 dB	0°	083°	+31°	232°	+27°	6.0dB	498°K	403974	+238 Hz
2023-01-05	Thursday 15:00	088°	+37°	0 dB	0°	088°	+37°	240°	+27°	5.9dB	495°K	404010	+226 Hz
2023-01-05	Thursday 15:30	093°	+42°	0 dB	0°	093°	+42°	247°	+27°	5.9dB	492°K	404045	+209 Hz
2023-01-05	Thursday 16:00	099°	+47°	0 dB	0°	099°	+47°	254°	+27°	5.9dB	488°K	404081	+189 Hz
2023-01-05	Thursday 16:30	105°	+52°	0 dB	0°	105°	+52°	261°	+27°	5.9dB	485°K	404116	+165 Hz
2023-01-05	Thursday 17:00	112°	+57°	0 dB	0°	112°	+57°	268°	+27°	5.8dB	482°K	404151	+138 Hz
2023-01-05	Thursday 17:30	122°	+61°	0 dB	0°	122°	+61°	276°	+27°	5.8dB	479°K	404185	+109 Hz
2023-01-05	Thursday 18:00	133°	+65°	0 dB	0°	133°	+65°	283°	+27°	5.8dB	475°K	404220	+77 Hz
2023-01-05	Thursday 18:30	147°	+68°	0 dB	0°	147°	+68°	290°	+27°	5.8dB	472°K	404254	+43 Hz
2023-01-05	Thursday 19:00	165°	+71°	0 dB	0°	165°	+71°	297°	+27°	5.7dB	469°K	404287	+9 Hz
2023-01-05	Thursday 19:30	185°	+71°	0 dB	0°	185°	+71°	305°	+27°	5.7dB	466°K	404321	-26 Hz
2023-01-05	Thursday 20:00	204°	+70°	0 dB	0°	204°	+70°	312°	+27°	5.7dB	462°K	404354	-61 Hz
2023-01-05	Thursday 20:30	220°	+67°	0 dB	0°	220°	+67°	319°	+27°	5.7dB	459°K	404387	-95 Hz
2023-01-05	Thursday 21:00	233°	+63°	0 dB	0°	233°	+63°	326°	+27°	5.6dB	456°K	404420	-127 Hz
2023-01-05	Thursday 21:30	243°	+59°	0 dB	0°	243°	+59°	334°	+27°	5.6dB	453°K	404453	-158 Hz
2023-01-05	Thursday 22:00	251°	+54°	0 dB	0°	251°	+54°	341°	+27°	5.6dB	449°K	404485	-186 Hz
2023-01-05	Thursday 22:30	258°	+49°	0 dB	0°	258°	+49°	348°	+27°	5.5dB	446°K	404517	-212 Hz
2023-01-05	Thursday 23:00	264°	+44°	0 dB	0°	264°	+44°	355°	+27°	5.5dB	443°K	404549	-234 Hz
2023-01-05	Thursday 23:30	270°	+39°	0 dB	0°	270°	+39°	3°	+27°	5.5dB	440°K	404580	-253 Hz
2023-01-06	Fri day 00:00	275°	+34°	0 dB	0°	275°	+34°	10°	+27°	5.5dB	436°K	404611	-267 Hz
2023-01-06	Fri day 00:30	280°	+29°	0 dB	0°	280°	+29°	17°	+27°	5.4dB	433°K	404642	-278 Hz
2023-01-06	Fri day 01:00	284°	+24°	0 dB	0°	284°	+24°	24°	+27°	5.4dB	430°K	404673	-284 Hz
2023-01-06	Fri day 01:30	289°	+19°	0 dB	0°	289°	+19°	32°	+27°	5.4dB	427°K	404704	-286 Hz
2023-01-06	Fri day 02:00	294°	+15°	0 dB	0°	294°	+15°	39°	+27°	5.4dB	423°K	404734	-283 Hz
2023-01-06	Fri day 02:30	298°	+10°	0 dB	0°	298°	+10°	46°	+27°	5.3dB	420°K	404764	-277 Hz
2023-01-06	Fri day 03:00	303°	+6°	0 dB	0°	303°	+6°	53°	+27°	5.3dB	417°K	404794	-266 Hz
2023-01-06	Fri day 03:30	308°	+2°	0 dB	0°	308°	+2°	61°	+27°	5.3dB	414°K	404823	-251 Hz
2023-01-06	Fri day 12:00	051°	+1°	0 dB	0°	051°	+1°	184°	+27°	5.0dB	386°K	405284	+218 Hz
2023-01-06	Fri day 12:30	056°	+5°	0 dB	0°	056°	+5°	191°	+27°	5.0dB	384°K	405309	+233 Hz
2023-01-06	Fri day 13:00	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	5.0dB	382°K	405334	+245 Hz
2023-01-06	Fri day 13:30	065°	+13°	0 dB	0°	065°	+13°	205°	+27°	5.0dB	381°K	405358	+253 Hz
2023-01-06	Fri day 14:00	070°	+18°	0 dB	0°	070°	+18°	213°	+27°	5.0dB	379°K	405382	+256 Hz
2023-01-06	Fri day 14:30	075°	+23°	0 dB	0°	075°	+23°	220°	+27°	5.0dB	378°K	405406	+256 Hz
2023-01-06	Fri day 15:00	079°	+28°	0 dB	0°	079°	+28°	227°	+27°	4.9dB	376°K	405430	+251 Hz
2023-01-06	Fri day 15:30	084°	+33°	0 dB	0°	084°	+33°	234°	+27°	4.9dB	374°K	405453	+241 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-06	Fri day	16:00	089°	+38°	0 dB	0°	089°	+38°	242°	+27°	4.9dB	373°K	405476 +228 Hz
2023-01-06	Fri day	16:30	094°	+43°	0 dB	0°	094°	+43°	249°	+27°	4.9dB	371°K	405499 +210 Hz
2023-01-06	Fri day	17:00	100°	+48°	0 dB	0°	100°	+48°	256°	+27°	4.9dB	370°K	405521 +189 Hz
2023-01-06	Fri day	17:30	107°	+53°	0 dB	0°	107°	+53°	263°	+27°	4.9dB	367°K	405543 +164 Hz
2023-01-06	Fri day	18:00	115°	+58°	0 dB	0°	115°	+58°	271°	+27°	4.8dB	365°K	405565 +136 Hz
2023-01-06	Fri day	18:30	125°	+62°	0 dB	0°	125°	+62°	278°	+27°	4.8dB	362°K	405587 +106 Hz
2023-01-06	Fri day	19:00	137°	+66°	0 dB	0°	137°	+66°	285°	+27°	4.8dB	360°K	405608 +74 Hz
2023-01-06	Fri day	19:30	152°	+69°	0 dB	0°	152°	+69°	292°	+27°	4.8dB	358°K	405629 +40 Hz
2023-01-06	Fri day	20:00	171°	+71°	0 dB	0°	171°	+71°	300°	+27°	4.7dB	355°K	405650 +5 Hz
2023-01-06	Fri day	20:30	190°	+71°	0 dB	0°	190°	+71°	307°	+27°	4.7dB	353°K	405671 -30 Hz
2023-01-06	Fri day	21:00	209°	+69°	0 dB	0°	209°	+69°	314°	+27°	4.7dB	350°K	405691 -64 Hz
2023-01-06	Fri day	21:30	224°	+66°	0 dB	0°	224°	+66°	321°	+27°	4.7dB	348°K	405711 -98 Hz
2023-01-06	Fri day	22:00	236°	+62°	0 dB	0°	236°	+62°	328°	+27°	4.6dB	346°K	405731 -131 Hz
2023-01-06	Fri day	22:30	245°	+57°	0 dB	0°	245°	+57°	336°	+27°	4.6dB	343°K	405751 -161 Hz
2023-01-06	Fri day	23:00	253°	+53°	0 dB	0°	253°	+53°	343°	+27°	4.6dB	341°K	405770 -189 Hz
2023-01-06	Fri day	23:30	260°	+48°	0 dB	0°	260°	+48°	350°	+27°	4.6dB	338°K	405789 -213 Hz
2023-01-07	Saturday	00:00	265°	+43°	0 dB	0°	265°	+43°	357°	+27°	4.5dB	336°K	405808 -235 Hz
2023-01-07	Saturday	00:30	271°	+38°	0 dB	0°	271°	+38°	5°	+27°	4.5dB	333°K	405827 -252 Hz
2023-01-07	Saturday	01:00	276°	+32°	0 dB	0°	276°	+32°	12°	+27°	4.5dB	331°K	405845 -266 Hz
2023-01-07	Saturday	01:30	281°	+27°	0 dB	0°	281°	+27°	19°	+27°	4.5dB	329°K	405863 -275 Hz
2023-01-07	Saturday	02:00	285°	+22°	0 dB	0°	285°	+22°	26°	+27°	4.4dB	326°K	405881 -280 Hz
2023-01-07	Saturday	02:30	290°	+18°	0 dB	0°	290°	+18°	34°	+27°	4.4dB	324°K	405898 -281 Hz
2023-01-07	Saturday	03:00	294°	+13°	0 dB	0°	294°	+13°	41°	+27°	4.4dB	321°K	405915 -277 Hz
2023-01-07	Saturday	03:30	299°	+8°	0 dB	0°	299°	+8°	48°	+27°	4.4dB	319°K	405932 -270 Hz
2023-01-07	Saturday	04:00	304°	+4°	0 dB	0°	304°	+4°	55°	+27°	4.3dB	317°K	405949 -258 Hz
2023-01-07	Saturday	04:30	309°	+0°	0 dB	0°	309°	+0°	63°	+27°	4.3dB	314°K	405965 -242 Hz
2023-01-07	Saturday	13:00	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	3.7dB	268°K	406202 +231 Hz
2023-01-07	Saturday	13:30	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	3.7dB	265°K	406214 +246 Hz
2023-01-07	Saturday	14:00	063°	+9°	0 dB	0°	063°	+9°	200°	+26°	3.7dB	262°K	406225 +257 Hz
2023-01-07	Saturday	14:30	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	3.6dB	259°K	406236 +264 Hz
2023-01-07	Saturday	15:00	072°	+19°	0 dB	0°	072°	+19°	215°	+26°	3.6dB	256°K	406246 +266 Hz
2023-01-07	Saturday	15:30	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	3.6dB	254°K	406257 +264 Hz
2023-01-07	Saturday	16:00	082°	+29°	0 dB	0°	082°	+29°	229°	+26°	3.5dB	251°K	406267 +257 Hz
2023-01-07	Saturday	16:30	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	3.5dB	248°K	406277 +247 Hz
2023-01-07	Saturday	17:00	092°	+39°	0 dB	0°	092°	+39°	244°	+26°	3.4dB	245°K	406286 +232 Hz
2023-01-07	Saturday	17:30	098°	+44°	0 dB	0°	098°	+44°	251°	+26°	3.4dB	242°K	406295 +213 Hz
2023-01-07	Saturday	18:00	104°	+49°	0 dB	0°	104°	+49°	258°	+26°	3.4dB	240°K	406304 +190 Hz
2023-01-07	Saturday	18:30	111°	+54°	0 dB	0°	111°	+54°	266°	+26°	3.3dB	237°K	406313 +164 Hz
2023-01-07	Saturday	19:00	120°	+58°	0 dB	0°	120°	+58°	273°	+26°	3.3dB	234°K	406322 +135 Hz
2023-01-07	Saturday	19:30	130°	+62°	0 dB	0°	130°	+62°	280°	+26°	3.2dB	231°K	406330 +104 Hz
2023-01-07	Saturday	20:00	143°	+66°	0 dB	0°	143°	+66°	287°	+26°	3.2dB	228°K	406337 +71 Hz
2023-01-07	Saturday	20:30	159°	+68°	0 dB	0°	159°	+68°	295°	+26°	3.1dB	226°K	406345 +36 Hz
2023-01-07	Saturday	21:00	177°	+69°	0 dB	0°	177°	+69°	302°	+26°	3.1dB	225°K	406352 +1 Hz
2023-01-07	Saturday	21:30	196°	+69°	0 dB	0°	196°	+69°	309°	+25°	3.1dB	224°K	406359 -35 Hz
2023-01-07	Saturday	22:00	212°	+66°	0 dB	0°	212°	+66°	316°	+25°	3.1dB	223°K	406366 -70 Hz
2023-01-07	Saturday	22:30	226°	+63°	0 dB	0°	226°	+63°	324°	+25°	3.1dB	222°K	406372 -104 Hz
2023-01-07	Saturday	23:00	237°	+59°	0 dB	0°	237°	+59°	331°	+25°	3.1dB	221°K	406379 -136 Hz
2023-01-07	Saturday	23:30	246°	+55°	0 dB	0°	246°	+55°	338°	+25°	3.1dB	220°K	406384 -166 Hz
2023-01-08	Sunday	00:00	253°	+50°	0 dB	0°	253°	+50°	345°	+25°	3.0dB	219°K	406390 -193 Hz
2023-01-08	Sunday	00:30	260°	+45°	0 dB	0°	260°	+45°	353°	+25°	3.0dB	218°K	406395 -218 Hz
2023-01-08	Sunday	01:00	265°	+40°	0 dB	0°	265°	+40°	360°	+25°	3.0dB	217°K	406400 -238 Hz
2023-01-08	Sunday	01:30	271°	+35°	0 dB	0°	271°	+35°	7°	+25°	3.0dB	216°K	406405 -255 Hz
2023-01-08	Sunday	02:00	276°	+30°	0 dB	0°	276°	+30°	14°	+25°	3.0dB	215°K	406409 -267 Hz
2023-01-08	Sunday	02:30	281°	+25°	0 dB	0°	281°	+25°	22°	+25°	3.0dB	214°K	406413 -275 Hz
2023-01-08	Sunday	03:00	285°	+20°	0 dB	0°	285°	+20°	29°	+25°	3.0dB	214°K	406417 -279 Hz
2023-01-08	Sunday	03:30	290°	+15°	0 dB	0°	290°	+15°	36°	+25°	3.0dB	213°K	406421 -278 Hz
2023-01-08	Sunday	04:00	295°	+10°	0 dB	0°	295°	+10°	43°	+25°	2.9dB	212°K	406424 -273 Hz
2023-01-08	Sunday	04:30	300°	+5°	0 dB	0°	300°	+5°	51°	+25°	2.9dB	211°K	406427 -264 Hz
2023-01-08	Sunday	05:00	305°	+1°	0 dB	0°	305°	+1°	58°	+25°	2.9dB	210°K	406429 -251 Hz
2023-01-08	Sunday	14:00	056°	+1°	0 dB	0°	056°	+1°	189°	+24°	2.6dB	193°K	406426 +249 Hz
2023-01-08	Sunday	14:30	062°	+5°	0 dB	0°	062°	+5°	196°	+24°	2.6dB	192°K	406423 +262 Hz
2023-01-08	Sunday	15:00	067°	+9°	0 dB	0°	067°	+9°	203°	+24°	2.6dB	192°K	406420 +272 Hz
2023-01-08	Sunday	15:30	071°	+14°	0 dB	0°	071°	+14°	210°	+24°	2.6dB	191°K	406416 +277 Hz
2023-01-08	Sunday	16:00	076°	+19°	0 dB	0°	076°	+19°	218°	+23°	2.6dB	190°K	406412 +278 Hz
2023-01-08	Sunday	16:30	081°	+24°	0 dB	0°	081°	+24°	225°	+23°	2.6dB	189°K	406408 +274 Hz
2023-01-08	Sunday	17:00	086°	+29°	0 dB	0°	086°	+29°	232°	+23°	2.5dB	188°K	406403 +266 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-08	Sunday	17:30	091°	+34°	0 dB	0°	091°	+34°	239°	+23°	2.5dB	187°K	406398 +254 Hz
2023-01-08	Sunday	18:00	097°	+39°	0 dB	0°	097°	+39°	247°	+23°	2.5dB	186°K	406393 +237 Hz
2023-01-08	Sunday	18:30	103°	+44°	0 dB	0°	103°	+44°	254°	+23°	2.5dB	185°K	406387 +216 Hz
2023-01-08	Sunday	19:00	110°	+49°	0 dB	0°	110°	+49°	261°	+23°	2.5dB	184°K	406381 +192 Hz
2023-01-08	Sunday	19:30	118°	+53°	0 dB	0°	118°	+53°	268°	+23°	2.4dB	183°K	406375 +164 Hz
2023-01-08	Sunday	20:00	127°	+58°	0 dB	0°	127°	+58°	276°	+23°	2.4dB	183°K	406369 +134 Hz
2023-01-08	Sunday	20:30	138°	+61°	0 dB	0°	138°	+61°	283°	+23°	2.4dB	182°K	406362 +101 Hz
2023-01-08	Sunday	21:00	152°	+64°	0 dB	0°	152°	+64°	290°	+23°	2.4dB	181°K	406355 +66 Hz
2023-01-08	Sunday	21:30	167°	+66°	0 dB	0°	167°	+66°	297°	+23°	2.4dB	180°K	406347 +30 Hz
2023-01-08	Sunday	22:00	184°	+66°	0 dB	0°	184°	+66°	305°	+23°	2.4dB	179°K	406340 -6 Hz
2023-01-08	Sunday	22:30	200°	+65°	0 dB	0°	200°	+65°	312°	+23°	2.4dB	178°K	406332 -43 Hz
2023-01-08	Sunday	23:00	215°	+63°	0 dB	0°	215°	+63°	319°	+23°	2.3dB	177°K	406323 -78 Hz
2023-01-08	Sunday	23:30	227°	+59°	0 dB	0°	227°	+59°	327°	+22°	2.3dB	176°K	406314 -112 Hz
2023-01-09	Monday	00:00	237°	+55°	0 dB	0°	237°	+55°	334°	+22°	2.3dB	175°K	406305 -145 Hz
2023-01-09	Monday	00:30	246°	+51°	0 dB	0°	246°	+51°	341°	+22°	2.3dB	174°K	406296 -174 Hz
2023-01-09	Monday	01:00	253°	+46°	0 dB	0°	253°	+46°	348°	+22°	2.3dB	174°K	406286 -201 Hz
2023-01-09	Monday	01:30	259°	+41°	0 dB	0°	259°	+41°	356°	+22°	2.3dB	174°K	406276 -224 Hz
2023-01-09	Monday	02:00	265°	+36°	0 dB	0°	265°	+36°	3°	+22°	2.3dB	174°K	406266 -244 Hz
2023-01-09	Monday	02:30	270°	+31°	0 dB	0°	270°	+31°	10°	+22°	2.3dB	174°K	406255 -259 Hz
2023-01-09	Monday	03:00	275°	+25°	0 dB	0°	275°	+25°	17°	+22°	2.3dB	175°K	406245 -270 Hz
2023-01-09	Monday	03:30	280°	+20°	0 dB	0°	280°	+20°	25°	+22°	2.3dB	175°K	406233 -277 Hz
2023-01-09	Monday	04:00	285°	+15°	0 dB	0°	285°	+15°	32°	+22°	2.3dB	175°K	406222 -278 Hz
2023-01-09	Monday	04:30	290°	+10°	0 dB	0°	290°	+10°	39°	+22°	2.3dB	176°K	406210 -276 Hz
2023-01-09	Monday	05:00	295°	+6°	0 dB	0°	295°	+6°	46°	+22°	2.3dB	176°K	406197 -269 Hz
2023-01-09	Monday	05:30	300°	+1°	0 dB	0°	300°	+1°	54°	+22°	2.3dB	176°K	406185 -258 Hz
2023-01-09	Monday	15:00	061°	-0°	0 dB	0°	061°	-0°	192°	+20°	2.4dB	182°K	405882 +269 Hz
2023-01-09	Monday	15:30	066°	+4°	0 dB	0°	066°	+4°	199°	+20°	2.4dB	182°K	405863 +282 Hz
2023-01-09	Monday	16:00	071°	+9°	0 dB	0°	071°	+9°	206°	+20°	2.4dB	182°K	405843 +290 Hz
2023-01-09	Monday	16:30	076°	+14°	0 dB	0°	076°	+14°	214°	+20°	2.4dB	182°K	405823 +293 Hz
2023-01-09	Monday	17:00	081°	+19°	0 dB	0°	081°	+19°	221°	+20°	2.4dB	183°K	405802 +292 Hz
2023-01-09	Monday	17:30	086°	+24°	0 dB	0°	086°	+24°	228°	+20°	2.4dB	183°K	405782 +286 Hz
2023-01-09	Monday	18:00	092°	+29°	0 dB	0°	092°	+29°	235°	+20°	2.4dB	183°K	405761 +276 Hz
2023-01-09	Monday	18:30	097°	+34°	0 dB	0°	097°	+34°	243°	+20°	2.4dB	183°K	405739 +261 Hz
2023-01-09	Monday	19:00	103°	+39°	0 dB	0°	103°	+39°	250°	+20°	2.4dB	183°K	405717 +242 Hz
2023-01-09	Monday	19:30	110°	+44°	0 dB	0°	110°	+44°	257°	+19°	2.4dB	183°K	405695 +219 Hz
2023-01-09	Monday	20:00	117°	+48°	0 dB	0°	117°	+48°	265°	+19°	2.4dB	183°K	405673 +192 Hz
2023-01-09	Monday	20:30	126°	+52°	0 dB	0°	126°	+52°	272°	+19°	2.4dB	184°K	405650 +162 Hz
2023-01-09	Monday	21:00	136°	+56°	0 dB	0°	136°	+56°	279°	+19°	2.4dB	184°K	405627 +129 Hz
2023-01-09	Monday	21:30	148°	+59°	0 dB	0°	148°	+59°	286°	+19°	2.4dB	184°K	405603 +95 Hz
2023-01-09	Monday	22:00	161°	+62°	0 dB	0°	161°	+62°	294°	+19°	2.4dB	184°K	405579 +58 Hz
2023-01-09	Monday	22:30	176°	+62°	0 dB	0°	176°	+62°	301°	+19°	2.4dB	184°K	405555 +21 Hz
2023-01-09	Monday	23:00	191°	+62°	0 dB	0°	191°	+62°	308°	+19°	2.4dB	184°K	405531 -16 Hz
2023-01-09	Monday	23:30	205°	+60°	0 dB	0°	205°	+60°	316°	+19°	2.4dB	184°K	405506 -53 Hz
2023-01-10	Tuesday	00:00	217°	+58°	0 dB	0°	217°	+58°	323°	+19°	2.4dB	184°K	405480 -89 Hz
2023-01-10	Tuesday	00:30	228°	+54°	0 dB	0°	228°	+54°	330°	+19°	2.4dB	185°K	405455 -123 Hz
2023-01-10	Tuesday	01:00	237°	+50°	0 dB	0°	237°	+50°	337°	+19°	2.4dB	185°K	405429 -155 Hz
2023-01-10	Tuesday	01:30	245°	+45°	0 dB	0°	245°	+45°	345°	+18°	2.4dB	185°K	405402 -184 Hz
2023-01-10	Tuesday	02:00	252°	+41°	0 dB	0°	252°	+41°	352°	+18°	2.4dB	185°K	405375 -210 Hz
2023-01-10	Tuesday	02:30	258°	+36°	0 dB	0°	258°	+36°	359°	+18°	2.4dB	185°K	405348 -232 Hz
2023-01-10	Tuesday	03:00	264°	+31°	0 dB	0°	264°	+31°	6°	+18°	2.4dB	185°K	405321 -250 Hz
2023-01-10	Tuesday	03:30	269°	+25°	0 dB	0°	269°	+25°	14°	+18°	2.4dB	185°K	405293 -264 Hz
2023-01-10	Tuesday	04:00	274°	+20°	0 dB	0°	274°	+20°	21°	+18°	2.4dB	186°K	405265 -272 Hz
2023-01-10	Tuesday	04:30	279°	+15°	0 dB	0°	279°	+15°	28°	+18°	2.4dB	186°K	405236 -277 Hz
2023-01-10	Tuesday	05:00	284°	+10°	0 dB	0°	284°	+10°	36°	+18°	2.4dB	186°K	405207 -276 Hz
2023-01-10	Tuesday	05:30	289°	+5°	0 dB	0°	289°	+5°	43°	+18°	2.4dB	186°K	405178 -271 Hz
2023-01-10	Tuesday	06:00	294°	+0°	0 dB	0°	294°	+0°	50°	+18°	2.4dB	186°K	405148 -262 Hz
2023-01-10	Tuesday	16:30	072°	+4°	0 dB	0°	072°	+4°	203°	+16°	2.5dB	192°K	404439 +302 Hz
2023-01-10	Tuesday	17:00	077°	+8°	0 dB	0°	077°	+8°	210°	+16°	2.5dB	192°K	404401 +308 Hz
2023-01-10	Tuesday	17:30	082°	+13°	0 dB	0°	082°	+13°	218°	+15°	2.5dB	192°K	404363 +309 Hz
2023-01-10	Tuesday	18:00	087°	+18°	0 dB	0°	087°	+18°	225°	+15°	2.5dB	192°K	404324 +305 Hz
2023-01-10	Tuesday	18:30	093°	+23°	0 dB	0°	093°	+23°	232°	+15°	2.5dB	193°K	404285 +296 Hz
2023-01-10	Tuesday	19:00	098°	+28°	0 dB	0°	098°	+28°	239°	+15°	2.5dB	193°K	404246 +283 Hz
2023-01-10	Tuesday	19:30	104°	+33°	0 dB	0°	104°	+33°	247°	+15°	2.5dB	193°K	404206 +266 Hz
2023-01-10	Tuesday	20:00	111°	+38°	0 dB	0°	111°	+38°	254°	+15°	2.5dB	194°K	404166 +244 Hz
2023-01-10	Tuesday	20:30	118°	+43°	0 dB	0°	118°	+43°	261°	+15°	2.5dB	194°K	404125 +218 Hz
2023-01-10	Tuesday	21:00	126°	+47°	0 dB	0°	126°	+47°	269°	+15°	2.5dB	194°K	404084 +189 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-01-10	Tuesday	21:30	135°	+51°	0 dB	0°	135°	+51°	276°	+15°	2.5dB	194°K	404043	+156 Hz
2023-01-10	Tuesday	22:00	146°	+54°	0 dB	0°	146°	+54°	283°	+15°	2.6dB	195°K	404001	+122 Hz
2023-01-10	Tuesday	22:30	157°	+56°	0 dB	0°	157°	+56°	290°	+14°	2.5dB	195°K	403959	+85 Hz
2023-01-10	Tuesday	23:00	170°	+58°	0 dB	0°	170°	+58°	298°	+14°	2.5dB	195°K	403916	+47 Hz
2023-01-10	Tuesday	23:30	184°	+58°	0 dB	0°	184°	+58°	305°	+14°	2.5dB	195°K	403873	+9 Hz
2023-01-11	Wednesday	00:00	197°	+57°	0 dB	0°	197°	+57°	312°	+14°	2.6dB	196°K	403830	-29 Hz
2023-01-11	Wednesday	00:30	209°	+55°	0 dB	0°	209°	+55°	320°	+14°	2.6dB	196°K	403786	-66 Hz
2023-01-11	Wednesday	01:00	220°	+52°	0 dB	0°	220°	+52°	327°	+14°	2.6dB	196°K	403742	-102 Hz
2023-01-11	Wednesday	01:30	229°	+48°	0 dB	0°	229°	+48°	334°	+14°	2.6dB	197°K	403697	-136 Hz
2023-01-11	Wednesday	02:00	238°	+44°	0 dB	0°	238°	+44°	341°	+14°	2.6dB	197°K	403653	-167 Hz
2023-01-11	Wednesday	02:30	245°	+39°	0 dB	0°	245°	+39°	349°	+14°	2.6dB	197°K	403607	-195 Hz
2023-01-11	Wednesday	03:00	252°	+34°	0 dB	0°	252°	+34°	356°	+14°	2.6dB	197°K	403562	-219 Hz
2023-01-11	Wednesday	03:30	258°	+29°	0 dB	0°	258°	+29°	3°	+13°	2.6dB	198°K	403515	-239 Hz
2023-01-11	Wednesday	04:00	263°	+24°	0 dB	0°	263°	+24°	11°	+13°	2.6dB	198°K	403469	-255 Hz
2023-01-11	Wednesday	04:30	269°	+19°	0 dB	0°	269°	+19°	18°	+13°	2.6dB	198°K	403422	-266 Hz
2023-01-11	Wednesday	05:00	274°	+14°	0 dB	0°	274°	+14°	25°	+13°	2.6dB	198°K	403375	-272 Hz
2023-01-11	Wednesday	05:30	279°	+9°	0 dB	0°	279°	+9°	32°	+13°	2.6dB	199°K	403327	-274 Hz
2023-01-11	Wednesday	06:00	284°	+4°	0 dB	0°	284°	+4°	40°	+13°	2.6dB	199°K	403279	-271 Hz
2023-01-11	Wednesday	07:30	079°	+3°	0 dB	0°	079°	+3°	207°	+11°	2.6dB	205°K	402062	+321 Hz
2023-01-11	Wednesday	18:00	084°	+8°	0 dB	0°	084°	+8°	215°	+10°	2.6dB	205°K	402004	+324 Hz
2023-01-11	Wednesday	18:30	089°	+13°	0 dB	0°	089°	+13°	222°	+10°	2.6dB	206°K	401946	+322 Hz
2023-01-11	Wednesday	19:00	095°	+18°	0 dB	0°	095°	+18°	229°	+10°	2.6dB	206°K	401887	+316 Hz
2023-01-11	Wednesday	19:30	100°	+23°	0 dB	0°	100°	+23°	237°	+10°	2.6dB	206°K	401828	+304 Hz
2023-01-11	Wednesday	20:00	106°	+28°	0 dB	0°	106°	+28°	244°	+10°	2.7dB	207°K	401769	+288 Hz
2023-01-11	Wednesday	20:30	112°	+32°	0 dB	0°	112°	+32°	251°	+10°	2.7dB	207°K	401709	+267 Hz
2023-01-11	Wednesday	21:00	119°	+37°	0 dB	0°	119°	+37°	258°	+10°	2.6dB	207°K	401649	+242 Hz
2023-01-11	Wednesday	21:30	127°	+41°	0 dB	0°	127°	+41°	266°	+10°	2.6dB	207°K	401588	+214 Hz
2023-01-11	Wednesday	22:00	135°	+45°	0 dB	0°	135°	+45°	273°	+10°	2.7dB	208°K	401527	+182 Hz
2023-01-11	Wednesday	22:30	145°	+48°	0 dB	0°	145°	+48°	280°	+9°	2.7dB	208°K	401465	+147 Hz
2023-01-11	Wednesday	23:00	155°	+50°	0 dB	0°	155°	+50°	288°	+9°	2.7dB	208°K	401403	+111 Hz
2023-01-11	Wednesday	23:30	167°	+52°	0 dB	0°	167°	+52°	295°	+9°	2.7dB	208°K	401341	+73 Hz
2023-01-12	Thursday	00:00	179°	+53°	0 dB	0°	179°	+53°	302°	+9°	2.7dB	209°K	401278	+34 Hz
2023-01-12	Thursday	00:30	191°	+52°	0 dB	0°	191°	+52°	309°	+9°	2.7dB	209°K	401215	-5 Hz
2023-01-12	Thursday	01:00	202°	+51°	0 dB	0°	202°	+51°	317°	+9°	2.7dB	209°K	401152	-44 Hz
2023-01-12	Thursday	01:30	213°	+48°	0 dB	0°	213°	+48°	324°	+9°	2.7dB	209°K	401088	-81 Hz
2023-01-12	Thursday	02:00	222°	+45°	0 dB	0°	222°	+45°	331°	+9°	2.7dB	210°K	401023	-116 Hz
2023-01-12	Thursday	02:30	231°	+41°	0 dB	0°	231°	+41°	339°	+9°	2.7dB	210°K	400958	-149 Hz
2023-01-12	Thursday	03:00	238°	+37°	0 dB	0°	238°	+37°	346°	+8°	2.7dB	210°K	400893	-178 Hz
2023-01-12	Thursday	03:30	245°	+32°	0 dB	0°	245°	+32°	353°	+8°	2.7dB	210°K	400828	-204 Hz
2023-01-12	Thursday	04:00	251°	+27°	0 dB	0°	251°	+27°	1°	+8°	2.7dB	211°K	400762	-226 Hz
2023-01-12	Thursday	04:30	257°	+22°	0 dB	0°	257°	+22°	8°	+8°	2.7dB	211°K	400695	-244 Hz
2023-01-12	Thursday	05:00	263°	+17°	0 dB	0°	263°	+17°	15°	+8°	2.7dB	211°K	400628	-257 Hz
2023-01-12	Thursday	05:30	268°	+12°	0 dB	0°	268°	+12°	22°	+8°	2.7dB	212°K	400561	-265 Hz
2023-01-12	Thursday	06:00	273°	+7°	0 dB	0°	273°	+7°	30°	+8°	2.7dB	212°K	400493	-268 Hz
2023-01-12	Thursday	06:30	278°	+2°	0 dB	0°	278°	+2°	37°	+8°	2.7dB	212°K	400425	-267 Hz
2023-01-12	Thursday	18:30	086°	+2°	0 dB	0°	086°	+2°	212°	+5°	3.1dB	244°K	398666	+337 Hz
2023-01-12	Thursday	19:00	091°	+7°	0 dB	0°	091°	+7°	219°	+5°	3.1dB	246°K	398588	+337 Hz
2023-01-12	Thursday	19:30	097°	+12°	0 dB	0°	097°	+12°	227°	+5°	3.1dB	247°K	398509	+332 Hz
2023-01-12	Thursday	20:00	102°	+17°	0 dB	0°	102°	+17°	234°	+5°	3.1dB	249°K	398429	+322 Hz
2023-01-12	Thursday	20:30	108°	+22°	0 dB	0°	108°	+22°	241°	+4°	3.2dB	250°K	398350	+307 Hz
2023-01-12	Thursday	21:00	114°	+26°	0 dB	0°	114°	+26°	249°	+4°	3.2dB	251°K	398270	+288 Hz
2023-01-12	Thursday	21:30	121°	+31°	0 dB	0°	121°	+31°	256°	+4°	3.2dB	253°K	398189	+264 Hz
2023-01-12	Thursday	22:00	128°	+35°	0 dB	0°	128°	+35°	263°	+4°	3.2dB	254°K	398108	+237 Hz
2023-01-12	Thursday	22:30	136°	+39°	0 dB	0°	136°	+39°	270°	+4°	3.2dB	256°K	398027	+205 Hz
2023-01-12	Thursday	23:00	145°	+42°	0 dB	0°	145°	+42°	278°	+4°	3.2dB	257°K	397945	+172 Hz
2023-01-12	Thursday	23:30	154°	+44°	0 dB	0°	154°	+44°	285°	+4°	3.3dB	259°K	397863	+135 Hz
2023-01-13	Fri day	00:00	164°	+46°	0 dB	0°	164°	+46°	292°	+4°	3.3dB	260°K	397780	+97 Hz
2023-01-13	Fri day	00:30	175°	+47°	0 dB	0°	175°	+47°	300°	+4°	3.3dB	262°K	397697	+58 Hz
2023-01-13	Fri day	01:00	186°	+47°	0 dB	0°	186°	+47°	307°	+3°	3.3dB	263°K	397614	+19 Hz
2023-01-13	Fri day	01:30	196°	+46°	0 dB	0°	196°	+46°	314°	+3°	3.3dB	265°K	397530	-20 Hz
2023-01-13	Fri day	02:00	206°	+44°	0 dB	0°	206°	+44°	321°	+3°	3.3dB	266°K	397446	-58 Hz
2023-01-13	Fri day	02:30	215°	+41°	0 dB	0°	215°	+41°	329°	+3°	3.4dB	268°K	397361	-94 Hz
2023-01-13	Fri day	03:00	224°	+38°	0 dB	0°	224°	+38°	336°	+3°	3.4dB	270°K	397276	-128 Hz
2023-01-13	Fri day	03:30	232°	+34°	0 dB	0°	232°	+34°	343°	+3°	3.4dB	271°K	397191	-159 Hz
2023-01-13	Fri day	04:00	239°	+29°	0 dB	0°	239°	+29°	351°	+3°	3.4dB	273°K	397105	-187 Hz
2023-01-13	Fri day	04:30	245°	+25°	0 dB	0°	245°	+25°	358°	+3°	3.4dB	274°K	397019	-210 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-01-13	Fri day	05:00	251°	+20°	0 dB	0°	251°	+20°	5°	+3°	3.4dB	276°K	396932	-229 Hz
2023-01-13	Fri day	05:30	257°	+15°	0 dB	0°	257°	+15°	12°	+2°	3.5dB	278°K	396845	-244 Hz
2023-01-13	Fri day	06:00	262°	+10°	0 dB	0°	262°	+10°	20°	+2°	3.5dB	279°K	396758	-254 Hz
2023-01-13	Fri day	06:30	267°	+5°	0 dB	0°	267°	+5°	27°	+2°	3.5dB	281°K	396670	-259 Hz
2023-01-13	Fri day	07:00	272°	-0°	0 dB	0°	272°	-0°	34°	+2°	3.5dB	282°K	396582	-259 Hz
2023-01-13	Fri day	19:30	093°	+1°	0 dB	0°	093°	+1°	217°	-1°	3.8dB	313°K	394247	+348 Hz
2023-01-13	Fri day	20:00	099°	+6°	0 dB	0°	099°	+6°	224°	-1°	3.8dB	313°K	394148	+344 Hz
2023-01-13	Fri day	20:30	104°	+11°	0 dB	0°	104°	+11°	231°	-1°	3.8dB	313°K	394049	+336 Hz
2023-01-13	Fri day	21:00	110°	+16°	0 dB	0°	110°	+16°	239°	-1°	3.8dB	313°K	393950	+323 Hz
2023-01-13	Fri day	21:30	116°	+20°	0 dB	0°	116°	+20°	246°	-1°	3.8dB	313°K	393850	+305 Hz
2023-01-13	Fri day	22:00	122°	+25°	0 dB	0°	122°	+25°	253°	-2°	3.8dB	313°K	393751	+283 Hz
2023-01-13	Fri day	22:30	129°	+29°	0 dB	0°	129°	+29°	260°	-2°	3.8dB	313°K	393650	+257 Hz
2023-01-13	Fri day	23:00	136°	+32°	0 dB	0°	136°	+32°	268°	-2°	3.7dB	313°K	393550	+227 Hz
2023-01-13	Fri day	23:30	144°	+35°	0 dB	0°	144°	+35°	275°	-2°	3.7dB	313°K	393448	+194 Hz
2023-01-14	Saturday	00:00	153°	+38°	0 dB	0°	153°	+38°	282°	-2°	3.7dB	313°K	393347	+158 Hz
2023-01-14	Saturday	00:30	162°	+40°	0 dB	0°	162°	+40°	290°	-2°	3.7dB	313°K	393245	+121 Hz
2023-01-14	Saturday	01:00	172°	+41°	0 dB	0°	172°	+41°	297°	-2°	3.7dB	313°K	393143	+82 Hz
2023-01-14	Saturday	01:30	182°	+41°	0 dB	0°	182°	+41°	304°	-2°	3.7dB	313°K	393041	+43 Hz
2023-01-14	Saturday	02:00	191°	+40°	0 dB	0°	191°	+40°	311°	-2°	3.7dB	313°K	392938	+4 Hz
2023-01-14	Saturday	02:30	201°	+39°	0 dB	0°	201°	+39°	319°	-3°	3.7dB	313°K	392834	-34 Hz
2023-01-14	Saturday	03:00	209°	+36°	0 dB	0°	209°	+36°	326°	-3°	3.7dB	313°K	392731	-71 Hz
2023-01-14	Saturday	03:30	218°	+34°	0 dB	0°	218°	+34°	333°	-3°	3.7dB	313°K	392627	-106 Hz
2023-01-14	Saturday	04:00	225°	+30°	0 dB	0°	225°	+30°	341°	-3°	3.7dB	313°K	392522	-137 Hz
2023-01-14	Saturday	04:30	232°	+26°	0 dB	0°	232°	+26°	348°	-3°	3.7dB	313°K	392418	-166 Hz
2023-01-14	Saturday	05:00	239°	+22°	0 dB	0°	239°	+22°	355°	-3°	3.7dB	313°K	392313	-191 Hz
2023-01-14	Saturday	05:30	245°	+17°	0 dB	0°	245°	+17°	2°	-3°	3.7dB	313°K	392207	-211 Hz
2023-01-14	Saturday	06:00	250°	+12°	0 dB	0°	250°	+12°	10°	-3°	3.7dB	313°K	392101	-228 Hz
2023-01-14	Saturday	06:30	256°	+7°	0 dB	0°	256°	+7°	17°	-4°	3.7dB	313°K	391995	-239 Hz
2023-01-14	Saturday	07:00	261°	+2°	0 dB	0°	261°	+2°	24°	-4°	3.7dB	313°K	391889	-246 Hz
2023-01-14	Saturday	20:30	101°	-0°	0 dB	0°	101°	-0°	221°	-7°	3.5dB	306°K	388888	+352 Hz
2023-01-14	Saturday	21:00	106°	+4°	0 dB	0°	106°	+4°	228°	-7°	3.5dB	306°K	388772	+345 Hz
2023-01-14	Saturday	21:30	111°	+9°	0 dB	0°	111°	+9°	236°	-7°	3.4dB	306°K	388656	+334 Hz
2023-01-14	Saturday	22:00	117°	+14°	0 dB	0°	117°	+14°	243°	-7°	3.4dB	305°K	388540	+318 Hz
2023-01-14	Saturday	22:30	123°	+18°	0 dB	0°	123°	+18°	250°	-7°	3.4dB	305°K	388424	+298 Hz
2023-01-14	Saturday	23:00	130°	+22°	0 dB	0°	130°	+22°	257°	-8°	3.4dB	305°K	388307	+274 Hz
2023-01-14	Saturday	23:30	137°	+26°	0 dB	0°	137°	+26°	265°	-8°	3.4dB	305°K	388190	+246 Hz
2023-01-15	Sunday	00:00	144°	+29°	0 dB	0°	144°	+29°	272°	-8°	3.4dB	304°K	388073	+214 Hz
2023-01-15	Sunday	00:30	152°	+31°	0 dB	0°	152°	+31°	279°	-8°	3.4dB	304°K	387955	+180 Hz
2023-01-15	Sunday	01:00	160°	+33°	0 dB	0°	160°	+33°	286°	-8°	3.4dB	305°K	387837	+144 Hz
2023-01-15	Sunday	01:30	169°	+34°	0 dB	0°	169°	+34°	294°	-8°	3.4dB	305°K	387719	+106 Hz
2023-01-15	Sunday	02:00	178°	+35°	0 dB	0°	178°	+35°	301°	-8°	3.4dB	306°K	387600	+68 Hz
2023-01-15	Sunday	02:30	186°	+35°	0 dB	0°	186°	+35°	308°	-8°	3.4dB	307°K	387482	+29 Hz
2023-01-15	Sunday	03:00	195°	+34°	0 dB	0°	195°	+34°	316°	-8°	3.4dB	308°K	387363	-9 Hz
2023-01-15	Sunday	03:30	204°	+32°	0 dB	0°	204°	+32°	323°	-9°	3.4dB	308°K	387244	-46 Hz
2023-01-15	Sunday	04:00	211°	+29°	0 dB	0°	211°	+29°	330°	-9°	3.4dB	309°K	387124	-81 Hz
2023-01-15	Sunday	04:30	219°	+26°	0 dB	0°	219°	+26°	337°	-9°	3.4dB	310°K	387004	-113 Hz
2023-01-15	Sunday	05:00	226°	+23°	0 dB	0°	226°	+23°	345°	-9°	3.4dB	310°K	386884	-143 Hz
2023-01-15	Sunday	05:30	232°	+19°	0 dB	0°	232°	+19°	352°	-9°	3.4dB	311°K	386764	-169 Hz
2023-01-15	Sunday	06:00	238°	+15°	0 dB	0°	238°	+15°	359°	-9°	3.4dB	312°K	386643	-191 Hz
2023-01-15	Sunday	06:30	244°	+10°	0 dB	0°	244°	+10°	7°	-9°	3.4dB	312°K	386523	-209 Hz
2023-01-15	Sunday	07:00	250°	+5°	0 dB	0°	250°	+5°	14°	-9°	3.4dB	313°K	386402	-222 Hz
2023-01-15	Sunday	07:30	255°	+0°	0 dB	0°	255°	+0°	21°	-10°	3.4dB	314°K	386280	-230 Hz
2023-01-15	Sunday	22:00	113°	+2°	0 dB	0°	113°	+2°	232°	-13°	3.6dB	341°K	382669	+340 Hz
2023-01-15	Sunday	22:30	118°	+7°	0 dB	0°	118°	+7°	239°	-13°	3.6dB	342°K	382541	+327 Hz
2023-01-15	Sunday	23:00	124°	+11°	0 dB	0°	124°	+11°	246°	-13°	3.6dB	343°K	382414	+309 Hz
2023-01-15	Sunday	23:30	130°	+15°	0 dB	0°	130°	+15°	254°	-13°	3.6dB	344°K	382286	+287 Hz
2023-01-16	Monday	00:00	136°	+19°	0 dB	0°	136°	+19°	261°	-13°	3.6dB	345°K	382158	+261 Hz
2023-01-16	Monday	00:30	143°	+22°	0 dB	0°	143°	+22°	268°	-13°	3.6dB	347°K	382030	+232 Hz
2023-01-16	Monday	01:00	150°	+25°	0 dB	0°	150°	+25°	275°	-14°	3.6dB	348°K	381902	+200 Hz
2023-01-16	Monday	01:30	158°	+27°	0 dB	0°	158°	+27°	283°	-14°	3.6dB	349°K	381774	+166 Hz
2023-01-16	Monday	02:00	166°	+28°	0 dB	0°	166°	+28°	290°	-14°	3.6dB	350°K	381646	+130 Hz
2023-01-16	Monday	02:30	174°	+29°	0 dB	0°	174°	+29°	297°	-14°	3.6dB	351°K	381517	+93 Hz
2023-01-16	Monday	03:00	182°	+29°	0 dB	0°	182°	+29°	305°	-14°	3.6dB	353°K	381389	+55 Hz
2023-01-16	Monday	03:30	190°	+28°	0 dB	0°	190°	+28°	312°	-14°	3.6dB	354°K	381260	+17 Hz
2023-01-16	Monday	04:00	198°	+27°	0 dB	0°	198°	+27°	319°	-14°	3.7dB	355°K	381131	-19 Hz
2023-01-16	Monday	04:30	205°	+25°	0 dB	0°	205°	+25°	326°	-14°	3.7dB	356°K	381002	-54 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-01-16	Monday	05:00	212°	+23°	0 dB	0°	212°	+23°	334°	-14°	3.7dB	358°K	380873	-87 Hz
2023-01-16	Monday	05:30	219°	+20°	0 dB	0°	219°	+20°	341°	-15°	3.7dB	359°K	380744	-117 Hz
2023-01-16	Monday	06:00	226°	+16°	0 dB	0°	226°	+16°	348°	-15°	3.7dB	360°K	380615	-144 Hz
2023-01-16	Monday	06:30	232°	+12°	0 dB	0°	232°	+12°	355°	-15°	3.7dB	361°K	380486	-168 Hz
2023-01-16	Monday	07:00	237°	+8°	0 dB	0°	237°	+8°	3°	-15°	3.7dB	362°K	380356	-187 Hz
2023-01-16	Monday	07:30	243°	+3°	0 dB	0°	243°	+3°	10°	-15°	3.7dB	363°K	380227	-203 Hz
2023-01-16	Monday	23:00	118°	-0°	0 dB	0°	118°	-0°	235°	-18°	3.8dB	397°K	376188	+329 Hz
2023-01-16	Monday	23:30	123°	+4°	0 dB	0°	123°	+4°	242°	-18°	3.8dB	398°K	376057	+314 Hz
2023-01-17	Tuesday	00:00	129°	+8°	0 dB	0°	129°	+8°	249°	-19°	3.9dB	399°K	375927	+296 Hz
2023-01-17	Tuesday	00:30	135°	+12°	0 dB	0°	135°	+12°	256°	-19°	3.9dB	400°K	375797	+273 Hz
2023-01-17	Tuesday	01:00	141°	+15°	0 dB	0°	141°	+15°	263°	-19°	3.9dB	401°K	375667	+247 Hz
2023-01-17	Tuesday	01:30	148°	+18°	0 dB	0°	148°	+18°	271°	-19°	3.9dB	402°K	375537	+218 Hz
2023-01-17	Tuesday	02:00	155°	+20°	0 dB	0°	155°	+20°	278°	-19°	3.9dB	403°K	375407	+186 Hz
2023-01-17	Tuesday	02:30	162°	+22°	0 dB	0°	162°	+22°	285°	-19°	3.9dB	404°K	375277	+152 Hz
2023-01-17	Tuesday	03:00	169°	+23°	0 dB	0°	169°	+23°	292°	-19°	3.9dB	405°K	375147	+117 Hz
2023-01-17	Tuesday	03:30	177°	+24°	0 dB	0°	177°	+24°	300°	-19°	3.9dB	405°K	375017	+81 Hz
2023-01-17	Tuesday	04:00	184°	+24°	0 dB	0°	184°	+24°	307°	-19°	3.9dB	406°K	374887	+44 Hz
2023-01-17	Tuesday	04:30	191°	+23°	0 dB	0°	191°	+23°	314°	-19°	3.9dB	407°K	374757	+8 Hz
2023-01-17	Tuesday	05:00	199°	+21°	0 dB	0°	199°	+21°	321°	-20°	3.9dB	408°K	374628	-26 Hz
2023-01-17	Tuesday	05:30	206°	+19°	0 dB	0°	206°	+19°	329°	-20°	3.9dB	409°K	374498	-60 Hz
2023-01-17	Tuesday	06:00	212°	+17°	0 dB	0°	212°	+17°	336°	-20°	3.9dB	410°K	374369	-91 Hz
2023-01-17	Tuesday	06:30	219°	+14°	0 dB	0°	219°	+14°	343°	-20°	3.9dB	411°K	374240	-119 Hz
2023-01-17	Tuesday	07:00	225°	+10°	0 dB	0°	225°	+10°	350°	-20°	3.9dB	412°K	374111	-144 Hz
2023-01-17	Tuesday	07:30	231°	+7°	0 dB	0°	231°	+7°	358°	-20°	3.9dB	414°K	373981	-166 Hz
2023-01-17	Tuesday	08:00	236°	+3°	0 dB	0°	236°	+3°	5°	-20°	3.9dB	415°K	373853	-183 Hz
2023-01-18	Wednesday	00:30	127°	+1°	0 dB	0°	127°	+1°	243°	-23°	4.5dB	507°K	369694	+299 Hz
2023-01-18	Wednesday	01:00	133°	+5°	0 dB	0°	133°	+5°	250°	-23°	4.5dB	512°K	369572	+280 Hz
2023-01-18	Wednesday	01:30	138°	+8°	0 dB	0°	138°	+8°	257°	-23°	4.6dB	518°K	369450	+258 Hz
2023-01-18	Wednesday	02:00	144°	+12°	0 dB	0°	144°	+12°	265°	-23°	4.6dB	523°K	369328	+232 Hz
2023-01-18	Wednesday	02:30	151°	+14°	0 dB	0°	151°	+14°	272°	-23°	4.6dB	528°K	369207	+204 Hz
2023-01-18	Wednesday	03:00	157°	+16°	0 dB	0°	157°	+16°	279°	-23°	4.7dB	534°K	369086	+173 Hz
2023-01-18	Wednesday	03:30	164°	+18°	0 dB	0°	164°	+18°	286°	-23°	4.7dB	539°K	368966	+140 Hz
2023-01-18	Wednesday	04:00	171°	+19°	0 dB	0°	171°	+19°	293°	-24°	4.7dB	545°K	368845	+106 Hz
2023-01-18	Wednesday	04:30	178°	+19°	0 dB	0°	178°	+19°	301°	-24°	4.8dB	550°K	368725	+71 Hz
2023-01-18	Wednesday	05:00	185°	+19°	0 dB	0°	185°	+19°	308°	-24°	4.8dB	556°K	368605	+36 Hz
2023-01-18	Wednesday	05:30	192°	+18°	0 dB	0°	192°	+18°	315°	-24°	4.8dB	561°K	368486	+1 Hz
2023-01-18	Wednesday	06:00	199°	+17°	0 dB	0°	199°	+17°	322°	-24°	4.9dB	567°K	368367	-32 Hz
2023-01-18	Wednesday	06:30	205°	+15°	0 dB	0°	205°	+15°	330°	-24°	4.9dB	572°K	368248	-64 Hz
2023-01-18	Wednesday	07:00	211°	+13°	0 dB	0°	211°	+13°	337°	-24°	4.9dB	578°K	368130	-93 Hz
2023-01-18	Wednesday	07:30	218°	+10°	0 dB	0°	218°	+10°	344°	-24°	4.9dB	583°K	368012	-120 Hz
2023-01-18	Wednesday	08:00	223°	+6°	0 dB	0°	223°	+6°	351°	-24°	5.0dB	589°K	367894	-144 Hz
2023-01-18	Wednesday	08:30	229°	+3°	0 dB	0°	229°	+3°	358°	-24°	5.0dB	594°K	367777	-165 Hz
2023-01-19	Thursday	02:00	134°	+2°	0 dB	0°	134°	+2°	250°	-26°	7.6dB	1181°K	363931	+265 Hz
2023-01-19	Thursday	02:30	140°	+6°	0 dB	0°	140°	+6°	257°	-26°	7.7dB	1214°K	363830	+243 Hz
2023-01-19	Thursday	03:00	145°	+9°	0 dB	0°	145°	+9°	264°	-26°	7.8dB	1248°K	363729	+218 Hz
2023-01-19	Thursday	03:30	151°	+11°	0 dB	0°	151°	+11°	272°	-26°	7.9dB	1281°K	363629	+191 Hz
2023-01-19	Thursday	04:00	158°	+13°	0 dB	0°	158°	+13°	279°	-26°	8.0dB	1314°K	363529	+161 Hz
2023-01-19	Thursday	04:30	164°	+15°	0 dB	0°	164°	+15°	286°	-26°	8.1dB	1348°K	363430	+129 Hz
2023-01-19	Thursday	05:00	171°	+16°	0 dB	0°	171°	+16°	293°	-26°	8.2dB	1381°K	363331	+96 Hz
2023-01-19	Thursday	05:30	177°	+17°	0 dB	0°	177°	+17°	300°	-27°	8.3dB	1415°K	363233	+62 Hz
2023-01-19	Thursday	06:00	184°	+16°	0 dB	0°	184°	+16°	308°	-27°	8.4dB	1448°K	363136	+28 Hz
2023-01-19	Thursday	06:30	191°	+16°	0 dB	0°	191°	+16°	315°	-27°	8.5dB	1482°K	363039	-5 Hz
2023-01-19	Thursday	07:00	197°	+14°	0 dB	0°	197°	+14°	322°	-27°	8.6dB	1515°K	362943	-38 Hz
2023-01-19	Thursday	07:30	204°	+13°	0 dB	0°	204°	+13°	329°	-27°	8.7dB	1549°K	362847	-69 Hz
2023-01-19	Thursday	08:00	210°	+10°	0 dB	0°	210°	+10°	336°	-27°	8.8dB	1583°K	362751	-98 Hz
2023-01-19	Thursday	08:30	216°	+8°	0 dB	0°	216°	+8°	343°	-27°	8.9dB	1626°K	362657	-124 Hz
2023-01-19	Thursday	09:00	221°	+4°	0 dB	0°	221°	+4°	351°	-27°	9.1dB	1704°K	362563	-148 Hz
2023-01-19	Thursday	09:30	227°	+1°	0 dB	0°	227°	+1°	358°	-27°	9.3dB	1782°K	362469	-168 Hz
2023-01-20	Fri day	03:00	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	10.4dB	2416°K	359602	+250 Hz
2023-01-20	Fri day	03:30	139°	+4°	0 dB	0°	139°	+4°	256°	-27°	10.3dB	2358°K	359532	+230 Hz
2023-01-20	Fri day	04:00	145°	+7°	0 dB	0°	145°	+7°	263°	-27°	10.2dB	2301°K	359464	+206 Hz
2023-01-20	Fri day	04:30	151°	+10°	0 dB	0°	151°	+10°	270°	-27°	10.1dB	2244°K	359396	+179 Hz
2023-01-20	Fri day	05:00	157°	+12°	0 dB	0°	157°	+12°	277°	-27°	10.0dB	2186°K	359328	+150 Hz
2023-01-20	Fri day	05:30	163°	+14°	0 dB	0°	163°	+14°	285°	-27°	9.8dB	2129°K	359262	+119 Hz
2023-01-20	Fri day	06:00	170°	+15°	0 dB	0°	170°	+15°	292°	-27°	9.7dB	2071°K	359196	+87 Hz
2023-01-20	Fri day	06:30	176°	+15°	0 dB	0°	176°	+15°	299°	-27°	9.6dB	2013°K	359131	+54 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-20	Fri day	07:00	183°	+16°	0 dB	0°	183°	+16°	306°	-27°	9.5dB	1956°K	359067 +20 Hz
2023-01-20	Fri day	07:30	189°	+15°	0 dB	0°	189°	+15°	313°	-27°	9.4dB	1898°K	359003 -13 Hz
2023-01-20	Fri day	08:00	196°	+14°	0 dB	0°	196°	+14°	320°	-27°	9.2dB	1841°K	358940 -46 Hz
2023-01-20	Fri day	08:30	202°	+12°	0 dB	0°	202°	+12°	328°	-27°	9.1dB	1783°K	358878 -77 Hz
2023-01-20	Fri day	09:00	208°	+10°	0 dB	0°	208°	+10°	335°	-27°	8.9dB	1726°K	358817 -107 Hz
2023-01-20	Fri day	09:30	214°	+8°	0 dB	0°	214°	+8°	342°	-27°	8.8dB	1668°K	358757 -134 Hz
2023-01-20	Fri day	10:00	220°	+5°	0 dB	0°	220°	+5°	349°	-27°	8.6dB	1610°K	358697 -158 Hz
2023-01-20	Fri day	10:30	225°	+1°	0 dB	0°	225°	+1°	356°	-27°	8.5dB	1553°K	358638 -179 Hz
2023-01-21	Saturday	04:00	132°	+1°	0 dB	0°	132°	+1°	247°	-27°	3.9dB	507°K	357086 +237 Hz
2023-01-21	Saturday	04:30	137°	+4°	0 dB	0°	137°	+4°	254°	-26°	3.8dB	500°K	357057 +218 Hz
2023-01-21	Saturday	05:00	143°	+7°	0 dB	0°	143°	+7°	261°	-26°	3.8dB	493°K	357028 +194 Hz
2023-01-21	Saturday	05:30	149°	+10°	0 dB	0°	149°	+10°	269°	-26°	3.7dB	486°K	357001 +168 Hz
2023-01-21	Saturday	06:00	155°	+13°	0 dB	0°	155°	+13°	276°	-26°	3.7dB	479°K	356974 +139 Hz
2023-01-21	Saturday	06:30	161°	+14°	0 dB	0°	161°	+14°	283°	-26°	3.6dB	471°K	356948 +109 Hz
2023-01-21	Saturday	07:00	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	3.5dB	SUN!	356923 +76 Hz
2023-01-21	Saturday	07:30	175°	+17°	0 dB	0°	175°	+17°	297°	-26°	3.5dB	SUN!	356899 +42 Hz
2023-01-21	Saturday	08:00	181°	+17°	0 dB	0°	181°	+17°	304°	-26°	3.4dB	SUN!	356876 +8 Hz
2023-01-21	Saturday	08:30	188°	+16°	0 dB	0°	188°	+16°	312°	-26°	3.3dB	SUN!	356854 -26 Hz
2023-01-21	Saturday	09:00	195°	+16°	0 dB	0°	195°	+16°	319°	-26°	3.3dB	SUN!	356832 -59 Hz
2023-01-21	Saturday	09:30	201°	+14°	0 dB	0°	201°	+14°	326°	-26°	3.2dB	SUN!	356812 -91 Hz
2023-01-21	Saturday	10:00	208°	+12°	0 dB	0°	208°	+12°	333°	-26°	3.2dB	SUN!	356792 -122 Hz
2023-01-21	Saturday	10:30	214°	+10°	0 dB	0°	214°	+10°	340°	-26°	3.1dB	SUN!	356773 -150 Hz
2023-01-21	Saturday	11:00	219°	+7°	0 dB	0°	219°	+7°	347°	-26°	3.0dB	SUN!	356755 -176 Hz
2023-01-21	Saturday	11:30	225°	+3°	0 dB	0°	225°	+3°	355°	-26°	3.0dB	SUN!	356738 -198 Hz
2023-01-21	Saturday	12:00	230°	-0°	0 dB	0°	230°	-0°	2°	-26°	2.9dB	SUN!	356722 -217 Hz
2023-01-22	Sunday	05:00	129°	+2°	0 dB	0°	129°	+2°	246°	-23°	2.2dB	SUN!	356694 +226 Hz
2023-01-22	Sunday	05:30	135°	+6°	0 dB	0°	135°	+6°	253°	-23°	2.2dB	SUN!	356708 +206 Hz
2023-01-22	Sunday	06:00	141°	+10°	0 dB	0°	141°	+10°	260°	-23°	2.2dB	SUN!	356724 +183 Hz
2023-01-22	Sunday	06:30	147°	+13°	0 dB	0°	147°	+13°	267°	-23°	2.2dB	SUN!	356740 +156 Hz
2023-01-22	Sunday	07:00	153°	+15°	0 dB	0°	153°	+15°	275°	-23°	2.2dB	SUN!	356757 +127 Hz
2023-01-22	Sunday	07:30	159°	+17°	0 dB	0°	159°	+17°	282°	-23°	2.2dB	SUN!	356775 +95 Hz
2023-01-22	Sunday	08:00	166°	+19°	0 dB	0°	166°	+19°	289°	-23°	2.2dB	326°K	356794 +62 Hz
2023-01-22	Sunday	08:30	173°	+20°	0 dB	0°	173°	+20°	296°	-23°	2.2dB	326°K	356814 +27 Hz
2023-01-22	Sunday	09:00	180°	+20°	0 dB	0°	180°	+20°	303°	-23°	2.2dB	326°K	356835 -8 Hz
2023-01-22	Sunday	09:30	187°	+20°	0 dB	0°	187°	+20°	310°	-23°	2.2dB	326°K	356857 -43 Hz
2023-01-22	Sunday	10:00	194°	+19°	0 dB	0°	194°	+19°	318°	-23°	2.2dB	326°K	356879 -78 Hz
2023-01-22	Sunday	10:30	201°	+18°	0 dB	0°	201°	+18°	325°	-22°	2.2dB	326°K	356902 -112 Hz
2023-01-22	Sunday	11:00	208°	+16°	0 dB	0°	208°	+16°	332°	-22°	2.2dB	326°K	356927 -144 Hz
2023-01-22	Sunday	11:30	214°	+13°	0 dB	0°	214°	+13°	339°	-22°	2.2dB	326°K	356952 -173 Hz
2023-01-22	Sunday	12:00	220°	+10°	0 dB	0°	220°	+10°	346°	-22°	2.2dB	326°K	356978 -200 Hz
2023-01-22	Sunday	12:30	226°	+7°	0 dB	0°	226°	+7°	354°	-22°	2.2dB	326°K	357004 -224 Hz
2023-01-22	Sunday	13:00	232°	+3°	0 dB	0°	232°	+3°	1°	-22°	2.2dB	326°K	357032 -244 Hz
2023-01-23	Monday	05:30	121°	+2°	0 dB	0°	121°	+2°	238°	-19°	2.1dB	310°K	358417 +231 Hz
2023-01-23	Monday	06:00	126°	+6°	0 dB	0°	126°	+6°	246°	-19°	2.1dB	309°K	358473 +214 Hz
2023-01-23	Monday	06:30	132°	+10°	0 dB	0°	132°	+10°	253°	-18°	2.1dB	307°K	358529 +194 Hz
2023-01-23	Monday	07:00	138°	+14°	0 dB	0°	138°	+14°	260°	-18°	2.0dB	306°K	358587 +170 Hz
2023-01-23	Monday	07:30	144°	+17°	0 dB	0°	144°	+17°	267°	-18°	2.0dB	305°K	358645 +142 Hz
2023-01-23	Monday	08:00	151°	+20°	0 dB	0°	151°	+20°	274°	-18°	2.0dB	304°K	358704 +112 Hz
2023-01-23	Monday	08:30	158°	+22°	0 dB	0°	158°	+22°	282°	-18°	2.0dB	302°K	358764 +79 Hz
2023-01-23	Monday	09:00	165°	+24°	0 dB	0°	165°	+24°	289°	-18°	2.0dB	301°K	358824 +44 Hz
2023-01-23	Monday	09:30	173°	+25°	0 dB	0°	173°	+25°	296°	-18°	2.0dB	300°K	358886 +8 Hz
2023-01-23	Monday	10:00	180°	+25°	0 dB	0°	180°	+25°	303°	-18°	2.0dB	299°K	358948 -29 Hz
2023-01-23	Monday	10:30	188°	+25°	0 dB	0°	188°	+25°	311°	-18°	2.0dB	297°K	359010 -66 Hz
2023-01-23	Monday	11:00	196°	+24°	0 dB	0°	196°	+24°	318°	-17°	2.0dB	296°K	359074 -102 Hz
2023-01-23	Monday	11:30	203°	+23°	0 dB	0°	203°	+23°	325°	-17°	1.9dB	295°K	359138 -137 Hz
2023-01-23	Monday	12:00	210°	+21°	0 dB	0°	210°	+21°	332°	-17°	1.9dB	293°K	359203 -170 Hz
2023-01-23	Monday	12:30	217°	+18°	0 dB	0°	217°	+18°	339°	-17°	1.9dB	290°K	359269 -201 Hz
2023-01-23	Monday	13:00	223°	+15°	0 dB	0°	223°	+15°	347°	-17°	1.9dB	288°K	359336 -229 Hz
2023-01-23	Monday	13:30	229°	+11°	0 dB	0°	229°	+11°	354°	-17°	1.8dB	286°K	359403 -254 Hz
2023-01-23	Monday	14:00	235°	+7°	0 dB	0°	235°	+7°	1°	-17°	1.8dB	284°K	359471 -275 Hz
2023-01-23	Monday	14:30	241°	+3°	0 dB	0°	241°	+3°	8°	-17°	1.8dB	282°K	359540 -292 Hz
2023-01-24	Tuesday	06:00	113°	+3°	0 dB	0°	113°	+3°	232°	-13°	1.4dB	243°K	362019 +233 Hz
2023-01-24	Tuesday	06:30	118°	+7°	0 dB	0°	118°	+7°	239°	-13°	1.4dB	243°K	362110 +220 Hz
2023-01-24	Tuesday	07:00	124°	+12°	0 dB	0°	124°	+12°	247°	-12°	1.4dB	243°K	362201 +203 Hz
2023-01-24	Tuesday	07:30	130°	+16°	0 dB	0°	130°	+16°	254°	-12°	1.4dB	243°K	362292 +181 Hz
2023-01-24	Tuesday	08:00	136°	+20°	0 dB	0°	136°	+20°	261°	-12°	1.4dB	243°K	362385 +155 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-24	Tuesday	08:30	143°	+23°	0 dB	0°	143°	+23°	268°	-12°	1.4dB	243°K	362477 +126 Hz
2023-01-24	Tuesday	09:00	150°	+26°	0 dB	0°	150°	+26°	276°	-12°	1.4dB	243°K	362571 +94 Hz
2023-01-24	Tuesday	09:30	157°	+29°	0 dB	0°	157°	+29°	283°	-12°	1.4dB	243°K	362665 +59 Hz
2023-01-24	Tuesday	10:00	165°	+30°	0 dB	0°	165°	+30°	290°	-12°	1.4dB	243°K	362760 +23 Hz
2023-01-24	Tuesday	10:30	173°	+31°	0 dB	0°	173°	+31°	297°	-12°	1.4dB	243°K	362855 -15 Hz
2023-01-24	Tuesday	11:00	182°	+32°	0 dB	0°	182°	+32°	305°	-11°	1.4dB	243°K	362951 -53 Hz
2023-01-24	Tuesday	11:30	190°	+31°	0 dB	0°	190°	+31°	312°	-11°	1.4dB	243°K	363047 -91 Hz
2023-01-24	Tuesday	12:00	198°	+30°	0 dB	0°	198°	+30°	319°	-11°	1.4dB	243°K	363144 -128 Hz
2023-01-24	Tuesday	12:30	206°	+28°	0 dB	0°	206°	+28°	326°	-11°	1.5dB	243°K	363241 -164 Hz
2023-01-24	Tuesday	13:00	214°	+26°	0 dB	0°	214°	+26°	334°	-11°	1.5dB	243°K	363339 -198 Hz
2023-01-24	Tuesday	13:30	221°	+23°	0 dB	0°	221°	+23°	341°	-11°	1.5dB	243°K	363438 -230 Hz
2023-01-24	Tuesday	14:00	228°	+20°	0 dB	0°	228°	+20°	348°	-11°	1.5dB	243°K	363537 -258 Hz
2023-01-24	Tuesday	14:30	234°	+16°	0 dB	0°	234°	+16°	355°	-11°	1.5dB	243°K	363637 -283 Hz
2023-01-24	Tuesday	15:00	240°	+12°	0 dB	0°	240°	+12°	2°	-10°	1.5dB	242°K	363737 -304 Hz
2023-01-24	Tuesday	15:30	246°	+7°	0 dB	0°	246°	+7°	10°	-10°	1.5dB	242°K	363838 -320 Hz
2023-01-24	Tuesday	16:00	251°	+3°	0 dB	0°	251°	+3°	17°	-10°	1.5dB	242°K	363939 -332 Hz
2023-01-25	Wednesday	06:30	105°	+4°	0 dB	0°	105°	+4°	227°	-6°	1.6dB	239°K	367086 +234 Hz
2023-01-25	Wednesday	07:00	110°	+9°	0 dB	0°	110°	+9°	234°	-6°	1.6dB	239°K	367201 +224 Hz
2023-01-25	Wednesday	07:30	115°	+14°	0 dB	0°	115°	+14°	242°	-6°	1.6dB	239°K	367317 +209 Hz
2023-01-25	Wednesday	08:00	121°	+18°	0 dB	0°	121°	+18°	249°	-6°	1.6dB	239°K	367432 +190 Hz
2023-01-25	Wednesday	08:30	128°	+23°	0 dB	0°	128°	+23°	256°	-6°	1.6dB	239°K	367549 +166 Hz
2023-01-25	Wednesday	09:00	134°	+27°	0 dB	0°	134°	+27°	263°	-6°	1.6dB	239°K	367665 +139 Hz
2023-01-25	Wednesday	09:30	142°	+30°	0 dB	0°	142°	+30°	271°	-5°	1.6dB	239°K	367782 +108 Hz
2023-01-25	Wednesday	10:00	149°	+33°	0 dB	0°	149°	+33°	278°	-5°	1.6dB	239°K	367899 +74 Hz
2023-01-25	Wednesday	10:30	158°	+36°	0 dB	0°	158°	+36°	285°	-5°	1.6dB	239°K	368017 +38 Hz
2023-01-25	Wednesday	11:00	167°	+37°	0 dB	0°	167°	+37°	292°	-5°	1.6dB	239°K	368135 0 Hz
2023-01-25	Wednesday	11:30	176°	+38°	0 dB	0°	176°	+38°	300°	-5°	1.6dB	239°K	368253 -39 Hz
2023-01-25	Wednesday	12:00	185°	+38°	0 dB	0°	185°	+38°	307°	-5°	1.6dB	239°K	368372 -78 Hz
2023-01-25	Wednesday	12:30	194°	+38°	0 dB	0°	194°	+38°	314°	-5°	1.6dB	239°K	368491 -117 Hz
2023-01-25	Wednesday	13:00	203°	+36°	0 dB	0°	203°	+36°	321°	-4°	1.6dB	239°K	368610 -155 Hz
2023-01-25	Wednesday	13:30	212°	+34°	0 dB	0°	212°	+34°	329°	-4°	1.7dB	239°K	368729 -191 Hz
2023-01-25	Wednesday	14:00	220°	+31°	0 dB	0°	220°	+31°	336°	-4°	1.7dB	239°K	368849 -224 Hz
2023-01-25	Wednesday	14:30	227°	+28°	0 dB	0°	227°	+28°	343°	-4°	1.7dB	239°K	368970 -255 Hz
2023-01-25	Wednesday	15:00	234°	+24°	0 dB	0°	234°	+24°	350°	-4°	1.7dB	239°K	369090 -283 Hz
2023-01-25	Wednesday	15:30	240°	+20°	0 dB	0°	240°	+20°	358°	-4°	1.7dB	239°K	369211 -307 Hz
2023-01-25	Wednesday	16:00	247°	+15°	0 dB	0°	247°	+15°	5°	-4°	1.7dB	239°K	369332 -326 Hz
2023-01-25	Wednesday	16:30	252°	+11°	0 dB	0°	252°	+11°	12°	-4°	1.7dB	243°K	369454 -341 Hz
2023-01-25	Wednesday	17:00	258°	+6°	0 dB	0°	258°	+6°	19°	-3°	1.8dB	244°K	369575 -352 Hz
2023-01-25	Wednesday	17:30	263°	+1°	0 dB	0°	263°	+1°	27°	-3°	1.8dB	244°K	369697 -357 Hz
2023-01-26	Thursday	06:30	092°	+1°	0 dB	0°	092°	+1°	215°	+0°	2.1dB	260°K	372954 +237 Hz
2023-01-26	Thursday	07:00	097°	+6°	0 dB	0°	097°	+6°	223°	+0°	2.2dB	261°K	373081 +235 Hz
2023-01-26	Thursday	07:30	102°	+11°	0 dB	0°	102°	+11°	230°	+1°	2.2dB	261°K	373209 +227 Hz
2023-01-26	Thursday	08:00	108°	+16°	0 dB	0°	108°	+16°	237°	+1°	2.2dB	262°K	373338 +215 Hz
2023-01-26	Thursday	08:30	113°	+21°	0 dB	0°	113°	+21°	245°	+1°	2.2dB	262°K	373466 +198 Hz
2023-01-26	Thursday	09:00	119°	+26°	0 dB	0°	119°	+26°	252°	+1°	2.2dB	263°K	373594 +176 Hz
2023-01-26	Thursday	09:30	126°	+30°	0 dB	0°	126°	+30°	259°	+1°	2.2dB	264°K	373723 +151 Hz
2023-01-26	Thursday	10:00	133°	+34°	0 dB	0°	133°	+34°	266°	+1°	2.2dB	264°K	373852 +121 Hz
2023-01-26	Thursday	10:30	141°	+38°	0 dB	0°	141°	+38°	274°	+1°	2.3dB	265°K	373980 +89 Hz
2023-01-26	Thursday	11:00	150°	+41°	0 dB	0°	150°	+41°	281°	+1°	2.3dB	265°K	374109 +54 Hz
2023-01-26	Thursday	11:30	159°	+43°	0 dB	0°	159°	+43°	288°	+2°	2.3dB	266°K	374238 +17 Hz
2023-01-26	Thursday	12:00	169°	+45°	0 dB	0°	169°	+45°	295°	+2°	2.3dB	267°K	374368 -22 Hz
2023-01-26	Thursday	12:30	179°	+45°	0 dB	0°	179°	+45°	303°	+2°	2.3dB	267°K	374497 -61 Hz
2023-01-26	Thursday	13:00	190°	+45°	0 dB	0°	190°	+45°	310°	+2°	2.3dB	268°K	374626 -101 Hz
2023-01-26	Thursday	13:30	200°	+44°	0 dB	0°	200°	+44°	317°	+2°	2.3dB	268°K	374756 -140 Hz
2023-01-26	Thursday	14:00	210°	+42°	0 dB	0°	210°	+42°	324°	+2°	2.4dB	269°K	374885 -177 Hz
2023-01-26	Thursday	14:30	219°	+39°	0 dB	0°	219°	+39°	332°	+2°	2.4dB	270°K	375015 -212 Hz
2023-01-26	Thursday	15:00	227°	+36°	0 dB	0°	227°	+36°	339°	+3°	2.4dB	270°K	375144 -245 Hz
2023-01-26	Thursday	15:30	234°	+32°	0 dB	0°	234°	+32°	346°	+3°	2.4dB	271°K	375274 -275 Hz
2023-01-26	Thursday	16:00	241°	+28°	0 dB	0°	241°	+28°	354°	+3°	2.4dB	271°K	375404 -300 Hz
2023-01-26	Thursday	16:30	248°	+23°	0 dB	0°	248°	+23°	1°	+3°	2.4dB	272°K	375534 -322 Hz
2023-01-26	Thursday	17:00	254°	+18°	0 dB	0°	254°	+18°	8°	+3°	2.4dB	273°K	375664 -340 Hz
2023-01-26	Thursday	17:30	259°	+14°	0 dB	0°	259°	+14°	15°	+3°	2.5dB	273°K	375794 -353 Hz
2023-01-26	Thursday	18:00	265°	+9°	0 dB	0°	265°	+9°	23°	+3°	2.5dB	274°K	375924 -361 Hz
2023-01-26	Thursday	18:30	270°	+4°	0 dB	0°	270°	+4°	30°	+3°	2.5dB	274°K	376054 -364 Hz
2023-01-27	Fri day	07:00	084°	+3°	0 dB	0°	084°	+3°	212°	+7°	2.8dB	289°K	379311 +235 Hz
2023-01-27	Fri day	07:30	089°	+8°	0 dB	0°	089°	+8°	219°	+7°	2.8dB	290°K	379441 +235 Hz

MoonSked by MoonBounce Software © GM4JJJ  
 Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-27	Fri day	08: 00	095°	+13°	0 dB	0°	095°	+13°	226°	+7°	2. 8dB	290°K	379571 +230 Hz
2023-01-27	Fri day	08: 30	100°	+18°	0 dB	0°	100°	+18°	233°	+7°	2. 9dB	291°K	379701 +220 Hz
2023-01-27	Fri day	09: 00	106°	+23°	0 dB	0°	106°	+23°	241°	+7°	2. 9dB	291°K	379831 +205 Hz
2023-01-27	Fri day	09: 30	111°	+28°	0 dB	0°	111°	+28°	248°	+7°	2. 9dB	292°K	379960 +186 Hz
2023-01-27	Fri day	10: 00	118°	+33°	0 dB	0°	118°	+33°	255°	+7°	2. 9dB	292°K	380090 +163 Hz
2023-01-27	Fri day	10: 30	125°	+37°	0 dB	0°	125°	+37°	262°	+8°	2. 9dB	293°K	380219 +135 Hz
2023-01-27	Fri day	11: 00	133°	+41°	0 dB	0°	133°	+41°	270°	+8°	2. 9dB	294°K	380349 +105 Hz
2023-01-27	Fri day	11: 30	141°	+45°	0 dB	0°	141°	+45°	277°	+8°	2. 9dB	294°K	380478 +71 Hz
2023-01-27	Fri day	12: 00	151°	+48°	0 dB	0°	151°	+48°	284°	+8°	3. 0dB	295°K	380607 +35 Hz
2023-01-27	Fri day	12: 30	162°	+50°	0 dB	0°	162°	+50°	291°	+8°	3. 0dB	295°K	380736 -3 Hz
2023-01-27	Fri day	13: 00	173°	+51°	0 dB	0°	173°	+51°	299°	+8°	3. 0dB	296°K	380865 -41 Hz
2023-01-27	Fri day	13: 30	185°	+52°	0 dB	0°	185°	+52°	306°	+8°	3. 0dB	296°K	380994 -80 Hz
2023-01-27	Fri day	14: 00	196°	+51°	0 dB	0°	196°	+51°	313°	+8°	3. 0dB	296°K	381123 -119 Hz
2023-01-27	Fri day	14: 30	207°	+49°	0 dB	0°	207°	+49°	321°	+9°	3. 0dB	297°K	381252 -157 Hz
2023-01-27	Fri day	15: 00	218°	+46°	0 dB	0°	218°	+46°	328°	+9°	3. 0dB	297°K	381380 -193 Hz
2023-01-27	Fri day	15: 30	227°	+43°	0 dB	0°	227°	+43°	335°	+9°	3. 0dB	297°K	381509 -227 Hz
2023-01-27	Fri day	16: 00	235°	+39°	0 dB	0°	235°	+39°	342°	+9°	3. 0dB	297°K	381637 -258 Hz
2023-01-27	Fri day	16: 30	242°	+35°	0 dB	0°	242°	+35°	350°	+9°	3. 0dB	298°K	381765 -285 Hz
2023-01-27	Fri day	17: 00	249°	+30°	0 dB	0°	249°	+30°	357°	+9°	3. 0dB	298°K	381893 -309 Hz
2023-01-27	Fri day	17: 30	255°	+26°	0 dB	0°	255°	+26°	4°	+9°	3. 1dB	298°K	382021 -329 Hz
2023-01-27	Fri day	18: 00	261°	+21°	0 dB	0°	261°	+21°	11°	+9°	3. 1dB	299°K	382149 -344 Hz
2023-01-27	Fri day	18: 30	266°	+16°	0 dB	0°	266°	+16°	19°	+10°	3. 1dB	299°K	382277 -354 Hz
2023-01-27	Fri day	19: 00	272°	+11°	0 dB	0°	272°	+11°	26°	+10°	3. 1dB	299°K	382404 -359 Hz
2023-01-27	Fri day	19: 30	277°	+6°	0 dB	0°	277°	+6°	33°	+10°	3. 1dB	299°K	382532 -360 Hz
2023-01-27	Fri day	20: 00	282°	+1°	0 dB	0°	282°	+1°	41°	+10°	3. 1dB	300°K	382659 -356 Hz
2023-01-28	Saturday	07: 30	077°	+4°	0 dB	0°	077°	+4°	208°	+13°	3. 4dB	316°K	385536 +232 Hz
2023-01-28	Saturday	08: 00	083°	+9°	0 dB	0°	083°	+9°	215°	+13°	3. 5dB	318°K	385659 +234 Hz
2023-01-28	Saturday	08: 30	088°	+15°	0 dB	0°	088°	+15°	222°	+13°	3. 5dB	319°K	385781 +232 Hz
2023-01-28	Saturday	09: 00	093°	+20°	0 dB	0°	093°	+20°	230°	+13°	3. 5dB	321°K	385903 +225 Hz
2023-01-28	Saturday	09: 30	098°	+25°	0 dB	0°	098°	+25°	237°	+13°	3. 5dB	322°K	386025 +213 Hz
2023-01-28	Saturday	10: 00	104°	+30°	0 dB	0°	104°	+30°	244°	+13°	3. 5dB	324°K	386147 +196 Hz
2023-01-28	Saturday	10: 30	110°	+35°	0 dB	0°	110°	+35°	251°	+13°	3. 6dB	325°K	386268 +175 Hz
2023-01-28	Saturday	11: 00	117°	+40°	0 dB	0°	117°	+40°	259°	+13°	3. 6dB	326°K	386389 +150 Hz
2023-01-28	Saturday	11: 30	124°	+44°	0 dB	0°	124°	+44°	266°	+13°	3. 6dB	328°K	386510 +122 Hz
2023-01-28	Saturday	12: 00	132°	+48°	0 dB	0°	132°	+48°	273°	+14°	3. 6dB	329°K	386631 +90 Hz
2023-01-28	Saturday	12: 30	142°	+52°	0 dB	0°	142°	+52°	280°	+14°	3. 6dB	331°K	386752 +56 Hz
2023-01-28	Saturday	13: 00	153°	+55°	0 dB	0°	153°	+55°	288°	+14°	3. 7dB	332°K	386872 +20 Hz
2023-01-28	Saturday	13: 30	165°	+57°	0 dB	0°	165°	+57°	295°	+14°	3. 7dB	334°K	386992 -18 Hz
2023-01-28	Saturday	14: 00	179°	+57°	0 dB	0°	179°	+57°	302°	+14°	3. 7dB	335°K	387112 -56 Hz
2023-01-28	Saturday	14: 30	192°	+57°	0 dB	0°	192°	+57°	309°	+14°	3. 7dB	337°K	387231 -94 Hz
2023-01-28	Saturday	15: 00	204°	+56°	0 dB	0°	204°	+56°	317°	+14°	3. 8dB	338°K	387350 -132 Hz
2023-01-28	Saturday	15: 30	216°	+53°	0 dB	0°	216°	+53°	324°	+14°	3. 8dB	340°K	387469 -168 Hz
2023-01-28	Saturday	16: 00	226°	+50°	0 dB	0°	226°	+50°	331°	+14°	3. 8dB	341°K	387588 -203 Hz
2023-01-28	Saturday	16: 30	235°	+46°	0 dB	0°	235°	+46°	339°	+15°	3. 8dB	343°K	387706 -234 Hz
2023-01-28	Saturday	17: 00	243°	+42°	0 dB	0°	243°	+42°	346°	+15°	3. 8dB	344°K	387824 -263 Hz
2023-01-28	Saturday	17: 30	250°	+37°	0 dB	0°	250°	+37°	353°	+15°	3. 9dB	346°K	387942 -288 Hz
2023-01-28	Saturday	18: 00	256°	+32°	0 dB	0°	256°	+32°	0°	+15°	3. 9dB	347°K	388060 -309 Hz
2023-01-28	Saturday	18: 30	262°	+27°	0 dB	0°	262°	+27°	8°	+15°	3. 9dB	348°K	388177 -326 Hz
2023-01-28	Saturday	19: 00	268°	+22°	0 dB	0°	268°	+22°	15°	+15°	3. 9dB	349°K	388294 -339 Hz
2023-01-28	Saturday	19: 30	273°	+17°	0 dB	0°	273°	+17°	22°	+15°	3. 9dB	349°K	388411 -347 Hz
2023-01-28	Saturday	20: 00	278°	+12°	0 dB	0°	278°	+12°	29°	+15°	3. 9dB	350°K	388527 -350 Hz
2023-01-28	Saturday	20: 30	283°	+8°	0 dB	0°	283°	+8°	37°	+15°	4. 0dB	351°K	388643 -348 Hz
2023-01-28	Saturday	21: 00	289°	+3°	0 dB	0°	289°	+3°	44°	+15°	4. 0dB	352°K	388759 -342 Hz
2023-01-29	Sunday	07: 30	066°	+1°	0 dB	0°	066°	+1°	196°	+18°	4. 2dB	367°K	391120 +220 Hz
2023-01-29	Sunday	08: 00	071°	+6°	0 dB	0°	071°	+6°	204°	+18°	4. 2dB	368°K	391229 +229 Hz
2023-01-29	Sunday	08: 30	076°	+10°	0 dB	0°	076°	+10°	211°	+18°	4. 3dB	369°K	391337 +234 Hz
2023-01-29	Sunday	09: 00	081°	+15°	0 dB	0°	081°	+15°	218°	+18°	4. 3dB	369°K	391446 +234 Hz
2023-01-29	Sunday	09: 30	086°	+21°	0 dB	0°	086°	+21°	226°	+18°	4. 3dB	368°K	391554 +229 Hz
2023-01-29	Sunday	10: 00	091°	+26°	0 dB	0°	091°	+26°	233°	+18°	4. 3dB	368°K	391661 +220 Hz
2023-01-29	Sunday	10: 30	096°	+31°	0 dB	0°	096°	+31°	240°	+18°	4. 3dB	367°K	391768 +206 Hz
2023-01-29	Sunday	11: 00	102°	+36°	0 dB	0°	102°	+36°	247°	+18°	4. 2dB	366°K	391875 +188 Hz
2023-01-29	Sunday	11: 30	108°	+41°	0 dB	0°	108°	+41°	255°	+18°	4. 2dB	365°K	391982 +166 Hz
2023-01-29	Sunday	12: 00	115°	+46°	0 dB	0°	115°	+46°	262°	+18°	4. 2dB	365°K	392088 +140 Hz
2023-01-29	Sunday	12: 30	123°	+50°	0 dB	0°	123°	+50°	269°	+19°	4. 2dB	364°K	392193 +111 Hz
2023-01-29	Sunday	13: 00	132°	+54°	0 dB	0°	132°	+54°	276°	+19°	4. 2dB	363°K	392299 +79 Hz
2023-01-29	Sunday	13: 30	143°	+58°	0 dB	0°	143°	+58°	284°	+19°	4. 2dB	362°K	392404 +45 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-29	Sunday	14:00	156°	+61°	0 dB	0°	156°	+61°	291°	+19°	4.2dB	362°K	392509 +9 Hz
2023-01-29	Sunday	14:30	170°	+62°	0 dB	0°	170°	+62°	298°	+19°	4.2dB	361°K	392613 -28 Hz
2023-01-29	Sunday	15:00	185°	+63°	0 dB	0°	185°	+63°	305°	+19°	4.2dB	360°K	392717 -65 Hz
2023-01-29	Sunday	15:30	200°	+61°	0 dB	0°	200°	+61°	313°	+19°	4.2dB	359°K	392821 -102 Hz
2023-01-29	Sunday	16:00	213°	+59°	0 dB	0°	213°	+59°	320°	+19°	4.2dB	359°K	392924 -139 Hz
2023-01-29	Sunday	16:30	225°	+56°	0 dB	0°	225°	+56°	327°	+19°	4.2dB	358°K	393027 -173 Hz
2023-01-29	Sunday	17:00	235°	+52°	0 dB	0°	235°	+52°	334°	+19°	4.2dB	357°K	393129 -205 Hz
2023-01-29	Sunday	17:30	243°	+48°	0 dB	0°	243°	+48°	342°	+19°	4.2dB	356°K	393232 -235 Hz
2023-01-29	Sunday	18:00	251°	+43°	0 dB	0°	251°	+43°	349°	+20°	4.2dB	356°K	393334 -262 Hz
2023-01-29	Sunday	18:30	257°	+39°	0 dB	0°	257°	+39°	356°	+20°	4.2dB	355°K	393435 -284 Hz
2023-01-29	Sunday	19:00	263°	+34°	0 dB	0°	263°	+34°	4°	+20°	4.2dB	354°K	393536 -303 Hz
2023-01-29	Sunday	19:30	269°	+29°	0 dB	0°	269°	+29°	11°	+20°	4.2dB	353°K	393637 -318 Hz
2023-01-29	Sunday	20:00	274°	+24°	0 dB	0°	274°	+24°	18°	+20°	4.2dB	352°K	393737 -328 Hz
2023-01-29	Sunday	20:30	279°	+19°	0 dB	0°	279°	+19°	25°	+20°	4.2dB	352°K	393837 -333 Hz
2023-01-29	Sunday	21:00	284°	+14°	0 dB	0°	284°	+14°	33°	+20°	4.2dB	351°K	393937 -334 Hz
2023-01-29	Sunday	21:30	289°	+9°	0 dB	0°	289°	+9°	40°	+20°	4.2dB	350°K	394036 -331 Hz
2023-01-29	Sunday	22:00	294°	+4°	0 dB	0°	294°	+4°	47°	+20°	4.2dB	349°K	394135 -323 Hz
2023-01-29	Sunday	22:30	299°	-0°	0 dB	0°	299°	-0°	54°	+20°	4.2dB	349°K	394233 -310 Hz
2023-01-30	Monday	08:00	060°	+1°	0 dB	0°	060°	+1°	192°	+22°	4.4dB	361°K	396031 +215 Hz
2023-01-30	Monday	08:30	065°	+6°	0 dB	0°	065°	+6°	199°	+22°	4.4dB	362°K	396122 +227 Hz
2023-01-30	Monday	09:00	070°	+11°	0 dB	0°	070°	+11°	207°	+22°	4.4dB	362°K	396212 +234 Hz
2023-01-30	Monday	09:30	075°	+15°	0 dB	0°	075°	+15°	214°	+22°	4.4dB	363°K	396302 +236 Hz
2023-01-30	Monday	10:00	080°	+20°	0 dB	0°	080°	+20°	221°	+22°	4.4dB	364°K	396392 +234 Hz
2023-01-30	Monday	10:30	085°	+26°	0 dB	0°	085°	+26°	228°	+22°	4.4dB	365°K	396481 +228 Hz
2023-01-30	Monday	11:00	090°	+31°	0 dB	0°	090°	+31°	236°	+22°	4.4dB	365°K	396570 +217 Hz
2023-01-30	Monday	11:30	095°	+36°	0 dB	0°	095°	+36°	243°	+22°	4.5dB	366°K	396658 +202 Hz
2023-01-30	Monday	12:00	101°	+41°	0 dB	0°	101°	+41°	250°	+22°	4.5dB	367°K	396746 +183 Hz
2023-01-30	Monday	12:30	107°	+46°	0 dB	0°	107°	+46°	258°	+23°	4.5dB	368°K	396833 +160 Hz
2023-01-30	Monday	13:00	114°	+51°	0 dB	0°	114°	+51°	265°	+23°	4.5dB	368°K	396921 +133 Hz
2023-01-30	Monday	13:30	122°	+55°	0 dB	0°	122°	+55°	272°	+23°	4.5dB	369°K	397007 +104 Hz
2023-01-30	Monday	14:00	132°	+59°	0 dB	0°	132°	+59°	279°	+23°	4.5dB	370°K	397094 +72 Hz
2023-01-30	Monday	14:30	145°	+63°	0 dB	0°	145°	+63°	287°	+23°	4.5dB	371°K	397180 +38 Hz
2023-01-30	Monday	15:00	159°	+65°	0 dB	0°	159°	+65°	294°	+23°	4.6dB	373°K	397265 +2 Hz
2023-01-30	Monday	15:30	175°	+67°	0 dB	0°	175°	+67°	301°	+23°	4.6dB	374°K	397350 -34 Hz
2023-01-30	Monday	16:00	192°	+66°	0 dB	0°	192°	+66°	308°	+23°	4.6dB	375°K	397435 -70 Hz
2023-01-30	Monday	16:30	208°	+65°	0 dB	0°	208°	+65°	316°	+23°	4.6dB	376°K	397519 -106 Hz
2023-01-30	Monday	17:00	222°	+62°	0 dB	0°	222°	+62°	323°	+23°	4.6dB	377°K	397603 -140 Hz
2023-01-30	Monday	17:30	233°	+58°	0 dB	0°	233°	+58°	330°	+23°	4.6dB	378°K	397687 -173 Hz
2023-01-30	Monday	18:00	242°	+54°	0 dB	0°	242°	+54°	337°	+23°	4.6dB	379°K	397770 -204 Hz
2023-01-30	Monday	18:30	250°	+49°	0 dB	0°	250°	+49°	345°	+23°	4.7dB	380°K	397852 -231 Hz
2023-01-30	Monday	19:00	257°	+44°	0 dB	0°	257°	+44°	352°	+23°	4.7dB	381°K	397935 -256 Hz
2023-01-30	Monday	19:30	263°	+39°	0 dB	0°	263°	+39°	359°	+23°	4.7dB	382°K	398016 -276 Hz
2023-01-30	Monday	20:00	269°	+34°	0 dB	0°	269°	+34°	6°	+24°	4.7dB	383°K	398098 -293 Hz
2023-01-30	Monday	20:30	274°	+29°	0 dB	0°	274°	+29°	14°	+24°	4.7dB	384°K	398179 -306 Hz
2023-01-30	Monday	21:00	279°	+24°	0 dB	0°	279°	+24°	21°	+24°	4.7dB	386°K	398259 -314 Hz
2023-01-30	Monday	21:30	284°	+19°	0 dB	0°	284°	+19°	28°	+24°	4.7dB	387°K	398340 -318 Hz
2023-01-30	Monday	22:00	289°	+14°	0 dB	0°	289°	+14°	35°	+24°	4.8dB	388°K	398419 -317 Hz
2023-01-30	Monday	22:30	293°	+10°	0 dB	0°	293°	+10°	43°	+24°	4.8dB	389°K	398499 -312 Hz
2023-01-30	Monday	23:00	298°	+5°	0 dB	0°	298°	+5°	50°	+24°	4.8dB	390°K	398578 -302 Hz
2023-01-30	Monday	23:30	303°	+1°	0 dB	0°	303°	+1°	57°	+24°	4.8dB	391°K	398656 -289 Hz
2023-01-31	Tuesday	08:00	055°	+1°	0 dB	0°	055°	+1°	188°	+25°	5.1dB	412°K	400000 +210 Hz
2023-01-31	Tuesday	09:00	060°	+5°	0 dB	0°	060°	+5°	195°	+25°	5.1dB	414°K	400071 +223 Hz
2023-01-31	Tuesday	09:30	065°	+10°	0 dB	0°	065°	+10°	202°	+25°	5.1dB	415°K	400141 +233 Hz
2023-01-31	Tuesday	10:00	070°	+14°	0 dB	0°	070°	+14°	209°	+25°	5.1dB	416°K	400211 +238 Hz
2023-01-31	Tuesday	10:30	074°	+19°	0 dB	0°	074°	+19°	217°	+25°	5.1dB	418°K	400280 +240 Hz
2023-01-31	Tuesday	11:00	079°	+24°	0 dB	0°	079°	+24°	224°	+25°	5.1dB	419°K	400349 +236 Hz
2023-01-31	Tuesday	11:30	084°	+29°	0 dB	0°	084°	+29°	231°	+25°	5.1dB	420°K	400418 +228 Hz
2023-01-31	Tuesday	12:00	089°	+34°	0 dB	0°	089°	+34°	238°	+25°	5.2dB	421°K	400486 +216 Hz
2023-01-31	Tuesday	12:30	094°	+40°	0 dB	0°	094°	+40°	246°	+25°	5.2dB	423°K	400554 +200 Hz
2023-01-31	Tuesday	13:00	100°	+45°	0 dB	0°	100°	+45°	253°	+25°	5.2dB	424°K	400622 +180 Hz
2023-01-31	Tuesday	13:30	106°	+50°	0 dB	0°	106°	+50°	260°	+25°	5.2dB	425°K	400689 +156 Hz
2023-01-31	Tuesday	14:00	113°	+54°	0 dB	0°	113°	+54°	267°	+26°	5.2dB	426°K	400755 +130 Hz
2023-01-31	Tuesday	14:30	122°	+59°	0 dB	0°	122°	+59°	275°	+26°	5.2dB	428°K	400821 +100 Hz
2023-01-31	Tuesday	15:00	133°	+63°	0 dB	0°	133°	+63°	282°	+26°	5.2dB	429°K	400887 +68 Hz
2023-01-31	Tuesday	15:30	146°	+66°	0 dB	0°	146°	+66°	289°	+26°	5.3dB	430°K	400952 +34 Hz
2023-01-31	Tuesday	16:00	163°	+69°	0 dB	0°	163°	+69°	296°	+26°	5.3dB	432°K	401017 -1 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-01-31	Tuesday	16:30	181°	+69°	0 dB	0°	181°	+69°	304°	+26°	5.3dB	433°K	401082 -36 Hz
2023-01-31	Tuesday	17:00	200°	+69°	0 dB	0°	200°	+69°	311°	+26°	5.3dB	434°K	401146 -71 Hz
2023-01-31	Tuesday	17:30	216°	+66°	0 dB	0°	216°	+66°	318°	+26°	5.3dB	436°K	401210 -106 Hz
2023-01-31	Tuesday	18:00	229°	+63°	0 dB	0°	229°	+63°	325°	+26°	5.3dB	438°K	401273 -139 Hz
2023-01-31	Tuesday	18:30	240°	+59°	0 dB	0°	240°	+59°	332°	+26°	5.4dB	441°K	401336 -170 Hz
2023-01-31	Tuesday	19:00	248°	+54°	0 dB	0°	248°	+54°	340°	+26°	5.4dB	443°K	401398 -199 Hz
2023-01-31	Tuesday	19:30	256°	+49°	0 dB	0°	256°	+49°	347°	+26°	5.4dB	446°K	401460 -225 Hz
2023-01-31	Tuesday	20:00	262°	+44°	0 dB	0°	262°	+44°	354°	+26°	5.4dB	448°K	401522 -248 Hz
2023-01-31	Tuesday	20:30	268°	+39°	0 dB	0°	268°	+39°	1°	+26°	5.5dB	450°K	401583 -267 Hz
2023-01-31	Tuesday	21:00	273°	+34°	0 dB	0°	273°	+34°	9°	+26°	5.5dB	453°K	401644 -283 Hz
2023-01-31	Tuesday	21:30	278°	+29°	0 dB	0°	278°	+29°	16°	+26°	5.5dB	455°K	401704 -294 Hz
2023-01-31	Tuesday	22:00	283°	+24°	0 dB	0°	283°	+24°	23°	+26°	5.5dB	458°K	401764 -300 Hz
2023-01-31	Tuesday	22:30	287°	+19°	0 dB	0°	287°	+19°	30°	+26°	5.6dB	460°K	401824 -303 Hz
2023-01-31	Tuesday	23:00	292°	+15°	0 dB	0°	292°	+15°	38°	+26°	5.6dB	462°K	401883 -301 Hz
2023-01-31	Tuesday	23:30	297°	+10°	0 dB	0°	297°	+10°	45°	+26°	5.6dB	465°K	401942 -294 Hz
2023-02-01	Wednesday	00:00	302°	+6°	0 dB	0°	302°	+6°	52°	+26°	5.6dB	467°K	402000 -284 Hz
2023-02-01	Wednesday	00:30	307°	+2°	0 dB	0°	307°	+2°	59°	+26°	5.6dB	470°K	402058 -269 Hz
2023-02-01	Wednesday	09:00	050°	-0°	0 dB	0°	050°	-0°	183°	+27°	5.9dB	500°K	402981 +204 Hz
2023-02-01	Wednesday	09:30	055°	+4°	0 dB	0°	055°	+4°	190°	+27°	5.9dB	500°K	403032 +220 Hz
2023-02-01	Wednesday	10:00	060°	+8°	0 dB	0°	060°	+8°	197°	+27°	5.9dB	500°K	403082 +232 Hz
2023-02-01	Wednesday	10:30	065°	+13°	0 dB	0°	065°	+13°	204°	+27°	5.9dB	500°K	403132 +241 Hz
2023-02-01	Wednesday	11:00	070°	+17°	0 dB	0°	070°	+17°	212°	+27°	5.9dB	500°K	403181 +245 Hz
2023-02-01	Wednesday	11:30	074°	+22°	0 dB	0°	074°	+22°	219°	+27°	5.9dB	500°K	403230 +245 Hz
2023-02-01	Wednesday	12:00	079°	+27°	0 dB	0°	079°	+27°	226°	+27°	5.9dB	500°K	403279 +240 Hz
2023-02-01	Wednesday	12:30	084°	+32°	0 dB	0°	084°	+32°	233°	+27°	5.9dB	500°K	403327 +231 Hz
2023-02-01	Wednesday	13:00	088°	+37°	0 dB	0°	088°	+37°	241°	+27°	5.9dB	500°K	403375 +218 Hz
2023-02-01	Wednesday	13:30	094°	+42°	0 dB	0°	094°	+42°	248°	+27°	5.9dB	500°K	403422 +201 Hz
2023-02-01	Wednesday	14:00	100°	+47°	0 dB	0°	100°	+47°	255°	+27°	5.9dB	500°K	403470 +180 Hz
2023-02-01	Wednesday	14:30	106°	+52°	0 dB	0°	106°	+52°	262°	+27°	5.9dB	500°K	403516 +156 Hz
2023-02-01	Wednesday	15:00	114°	+57°	0 dB	0°	114°	+57°	269°	+27°	5.9dB	500°K	403562 +129 Hz
2023-02-01	Wednesday	15:30	123°	+62°	0 dB	0°	123°	+62°	277°	+27°	6.0dB	500°K	403608 +99 Hz
2023-02-01	Wednesday	16:00	135°	+66°	0 dB	0°	135°	+66°	284°	+27°	6.0dB	500°K	403654 +67 Hz
2023-02-01	Wednesday	16:30	149°	+69°	0 dB	0°	149°	+69°	291°	+27°	6.0dB	500°K	403699 +33 Hz
2023-02-01	Wednesday	17:00	168°	+71°	0 dB	0°	168°	+71°	298°	+27°	6.0dB	500°K	403744 -1 Hz
2023-02-01	Wednesday	17:30	187°	+71°	0 dB	0°	187°	+71°	306°	+27°	6.0dB	500°K	403788 -36 Hz
2023-02-01	Wednesday	18:00	206°	+69°	0 dB	0°	206°	+69°	313°	+27°	6.0dB	500°K	403832 -71 Hz
2023-02-01	Wednesday	18:30	222°	+67°	0 dB	0°	222°	+67°	320°	+27°	6.0dB	500°K	403875 -105 Hz
2023-02-01	Wednesday	19:00	234°	+63°	0 dB	0°	234°	+63°	327°	+27°	6.0dB	500°K	403918 -137 Hz
2023-02-01	Wednesday	19:30	244°	+58°	0 dB	0°	244°	+58°	335°	+27°	6.0dB	500°K	403961 -167 Hz
2023-02-01	Wednesday	20:00	252°	+54°	0 dB	0°	252°	+54°	342°	+27°	6.0dB	500°K	404003 -195 Hz
2023-02-01	Wednesday	20:30	259°	+49°	0 dB	0°	259°	+49°	349°	+27°	6.0dB	498°K	404045 -220 Hz
2023-02-01	Wednesday	21:00	265°	+44°	0 dB	0°	265°	+44°	356°	+27°	5.9dB	495°K	404087 -242 Hz
2023-02-01	Wednesday	21:30	270°	+39°	0 dB	0°	270°	+39°	4°	+27°	5.9dB	491°K	404128 -260 Hz
2023-02-01	Wednesday	22:00	275°	+34°	0 dB	0°	275°	+34°	11°	+27°	5.9dB	488°K	404169 -274 Hz
2023-02-01	Wednesday	22:30	280°	+29°	0 dB	0°	280°	+29°	18°	+27°	5.9dB	485°K	404209 -283 Hz
2023-02-01	Wednesday	23:00	285°	+24°	0 dB	0°	285°	+24°	25°	+27°	5.8dB	482°K	404249 -289 Hz
2023-02-01	Wednesday	23:30	290°	+19°	0 dB	0°	290°	+19°	33°	+27°	5.8dB	478°K	404289 -290 Hz
2023-02-02	Thursday	00:00	294°	+14°	0 dB	0°	294°	+14°	40°	+27°	5.8dB	475°K	404328 -287 Hz
2023-02-02	Thursday	00:30	299°	+10°	0 dB	0°	299°	+10°	47°	+27°	5.8dB	472°K	404367 -280 Hz
2023-02-02	Thursday	01:00	304°	+5°	0 dB	0°	304°	+5°	54°	+27°	5.7dB	469°K	404406 -268 Hz
2023-02-02	Thursday	01:30	309°	+1°	0 dB	0°	309°	+1°	62°	+27°	5.7dB	465°K	404444 -253 Hz
2023-02-02	Thursday	10:00	051°	+1°	0 dB	0°	051°	+1°	185°	+28°	5.3dB	412°K	405033 +217 Hz
2023-02-02	Thursday	10:30	056°	+5°	0 dB	0°	056°	+5°	192°	+28°	5.3dB	410°K	405065 +232 Hz
2023-02-02	Thursday	11:00	061°	+10°	0 dB	0°	061°	+10°	199°	+28°	5.2dB	408°K	405096 +243 Hz
2023-02-02	Thursday	11:30	066°	+14°	0 dB	0°	066°	+14°	206°	+28°	5.2dB	407°K	405126 +250 Hz
2023-02-02	Thursday	12:00	071°	+19°	0 dB	0°	071°	+19°	214°	+28°	5.2dB	405°K	405156 +253 Hz
2023-02-02	Thursday	12:30	075°	+24°	0 dB	0°	075°	+24°	221°	+28°	5.2dB	404°K	405186 +252 Hz
2023-02-02	Thursday	13:00	080°	+29°	0 dB	0°	080°	+29°	228°	+27°	5.2dB	402°K	405216 +246 Hz
2023-02-02	Thursday	13:30	085°	+34°	0 dB	0°	085°	+34°	235°	+27°	5.2dB	400°K	405245 +236 Hz
2023-02-02	Thursday	14:00	090°	+39°	0 dB	0°	090°	+39°	243°	+27°	5.2dB	399°K	405274 +222 Hz
2023-02-02	Thursday	14:30	095°	+44°	0 dB	0°	095°	+44°	250°	+27°	5.1dB	397°K	405302 +204 Hz
2023-02-02	Thursday	15:00	101°	+49°	0 dB	0°	101°	+49°	257°	+27°	5.1dB	395°K	405330 +182 Hz
2023-02-02	Thursday	15:30	108°	+54°	0 dB	0°	108°	+54°	264°	+27°	5.1dB	394°K	405358 +157 Hz
2023-02-02	Thursday	16:00	116°	+59°	0 dB	0°	116°	+59°	272°	+27°	5.1dB	392°K	405385 +129 Hz
2023-02-02	Thursday	16:30	126°	+63°	0 dB	0°	126°	+63°	279°	+27°	5.1dB	391°K	405412 +99 Hz
2023-02-02	Thursday	17:00	138°	+67°	0 dB	0°	138°	+67°	286°	+27°	5.1dB	389°K	405438 +67 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-02	Thursday	17:30	154°	+70°	0 dB	0°	154°	+70°	293°	+27°	5.1dB	387°K	405465 +33 Hz
2023-02-02	Thursday	18:00	173°	+71°	0 dB	0°	173°	+71°	301°	+27°	5.0dB	386°K	405490 -2 Hz
2023-02-02	Thursday	18:30	193°	+71°	0 dB	0°	193°	+71°	308°	+27°	5.0dB	384°K	405516 -37 Hz
2023-02-02	Thursday	19:00	211°	+69°	0 dB	0°	211°	+69°	315°	+27°	5.0dB	383°K	405541 -71 Hz
2023-02-02	Thursday	19:30	226°	+66°	0 dB	0°	226°	+66°	322°	+27°	5.0dB	381°K	405566 -105 Hz
2023-02-02	Thursday	20:00	237°	+62°	0 dB	0°	237°	+62°	329°	+27°	5.0dB	379°K	405590 -137 Hz
2023-02-02	Thursday	20:30	247°	+57°	0 dB	0°	247°	+57°	337°	+27°	5.0dB	378°K	405614 -166 Hz
2023-02-02	Thursday	21:00	254°	+52°	0 dB	0°	254°	+52°	344°	+27°	5.0dB	376°K	405638 -194 Hz
2023-02-02	Thursday	21:30	261°	+47°	0 dB	0°	261°	+47°	351°	+27°	4.9dB	375°K	405661 -218 Hz
2023-02-02	Thursday	22:00	267°	+42°	0 dB	0°	267°	+42°	358°	+27°	4.9dB	373°K	405684 -239 Hz
2023-02-02	Thursday	22:30	272°	+37°	0 dB	0°	272°	+37°	6°	+27°	4.9dB	371°K	405707 -255 Hz
2023-02-02	Thursday	23:00	277°	+32°	0 dB	0°	277°	+32°	13°	+27°	4.9dB	370°K	405729 -268 Hz
2023-02-02	Thursday	23:30	282°	+27°	0 dB	0°	282°	+27°	20°	+27°	4.9dB	367°K	405751 -277 Hz
2023-02-03	Fri day	00:00	286°	+22°	0 dB	0°	286°	+22°	27°	+27°	4.8dB	365°K	405773 -281 Hz
2023-02-03	Fri day	00:30	291°	+17°	0 dB	0°	291°	+17°	35°	+27°	4.8dB	363°K	405794 -282 Hz
2023-02-03	Fri day	01:00	295°	+13°	0 dB	0°	295°	+13°	42°	+27°	4.8dB	360°K	405815 -277 Hz
2023-02-03	Fri day	01:30	300°	+8°	0 dB	0°	300°	+8°	49°	+27°	4.8dB	358°K	405836 -269 Hz
2023-02-03	Fri day	02:00	305°	+4°	0 dB	0°	305°	+4°	56°	+27°	4.7dB	355°K	405856 -257 Hz
2023-02-03	Fri day	02:30	310°	-0°	0 dB	0°	310°	-0°	64°	+27°	4.7dB	353°K	405876 -240 Hz
2023-02-03	Fri day	11:00	053°	+2°	0 dB	0°	053°	+2°	187°	+27°	4.3dB	312°K	406161 +231 Hz
2023-02-03	Fri day	11:30	058°	+6°	0 dB	0°	058°	+6°	194°	+27°	4.3dB	310°K	406175 +246 Hz
2023-02-03	Fri day	12:00	063°	+10°	0 dB	0°	063°	+10°	201°	+27°	4.2dB	308°K	406188 +256 Hz
2023-02-03	Fri day	12:30	068°	+15°	0 dB	0°	068°	+15°	209°	+27°	4.2dB	305°K	406201 +262 Hz
2023-02-03	Fri day	13:00	073°	+20°	0 dB	0°	073°	+20°	216°	+27°	4.2dB	303°K	406214 +264 Hz
2023-02-03	Fri day	13:30	077°	+25°	0 dB	0°	077°	+25°	223°	+27°	4.1dB	300°K	406227 +261 Hz
2023-02-03	Fri day	14:00	082°	+30°	0 dB	0°	082°	+30°	230°	+27°	4.1dB	297°K	406239 +254 Hz
2023-02-03	Fri day	14:30	087°	+35°	0 dB	0°	087°	+35°	238°	+27°	4.1dB	294°K	406250 +243 Hz
2023-02-03	Fri day	15:00	092°	+40°	0 dB	0°	092°	+40°	245°	+26°	4.0dB	291°K	406262 +228 Hz
2023-02-03	Fri day	15:30	098°	+45°	0 dB	0°	098°	+45°	252°	+26°	4.0dB	288°K	406273 +208 Hz
2023-02-03	Fri day	16:00	104°	+50°	0 dB	0°	104°	+50°	259°	+26°	4.0dB	286°K	406284 +185 Hz
2023-02-03	Fri day	16:30	112°	+55°	0 dB	0°	112°	+55°	267°	+26°	3.9dB	283°K	406294 +159 Hz
2023-02-03	Fri day	17:00	120°	+59°	0 dB	0°	120°	+59°	274°	+26°	3.9dB	280°K	406305 +130 Hz
2023-02-03	Fri day	17:30	131°	+63°	0 dB	0°	131°	+63°	281°	+26°	3.9dB	277°K	406314 +99 Hz
2023-02-03	Fri day	18:00	144°	+67°	0 dB	0°	144°	+67°	288°	+26°	3.8dB	274°K	406324 +65 Hz
2023-02-03	Fri day	18:30	161°	+69°	0 dB	0°	161°	+69°	296°	+26°	3.8dB	271°K	406333 +31 Hz
2023-02-03	Fri day	19:00	179°	+70°	0 dB	0°	179°	+70°	303°	+26°	3.7dB	268°K	406342 -4 Hz
2023-02-03	Fri day	19:30	198°	+69°	0 dB	0°	198°	+69°	310°	+26°	3.7dB	266°K	406351 -40 Hz
2023-02-03	Fri day	20:00	215°	+67°	0 dB	0°	215°	+67°	317°	+26°	3.7dB	263°K	406359 -74 Hz
2023-02-03	Fri day	20:30	228°	+63°	0 dB	0°	228°	+63°	325°	+26°	3.6dB	260°K	406367 -108 Hz
2023-02-03	Fri day	21:00	239°	+59°	0 dB	0°	239°	+59°	332°	+26°	3.6dB	257°K	406374 -140 Hz
2023-02-03	Fri day	21:30	248°	+55°	0 dB	0°	248°	+55°	339°	+26°	3.6dB	254°K	406382 -169 Hz
2023-02-03	Fri day	22:00	255°	+50°	0 dB	0°	255°	+50°	346°	+26°	3.5dB	252°K	406388 -196 Hz
2023-02-03	Fri day	22:30	261°	+45°	0 dB	0°	261°	+45°	354°	+26°	3.5dB	249°K	406395 -219 Hz
2023-02-03	Fri day	23:00	267°	+40°	0 dB	0°	267°	+40°	1°	+26°	3.4dB	246°K	406401 -239 Hz
2023-02-03	Fri day	23:30	272°	+35°	0 dB	0°	272°	+35°	8°	+26°	3.4dB	243°K	406407 -255 Hz
2023-02-04	Saturday	00:00	277°	+29°	0 dB	0°	277°	+29°	15°	+26°	3.4dB	240°K	406413 -267 Hz
2023-02-04	Saturday	00:30	282°	+24°	0 dB	0°	282°	+24°	23°	+26°	3.3dB	237°K	406419 -275 Hz
2023-02-04	Saturday	01:00	286°	+19°	0 dB	0°	286°	+19°	30°	+26°	3.3dB	235°K	406424 -278 Hz
2023-02-04	Saturday	01:30	291°	+15°	0 dB	0°	291°	+15°	37°	+26°	3.2dB	232°K	406428 -277 Hz
2023-02-04	Saturday	02:00	296°	+10°	0 dB	0°	296°	+10°	44°	+26°	3.2dB	229°K	406433 -271 Hz
2023-02-04	Saturday	02:30	301°	+5°	0 dB	0°	301°	+5°	52°	+26°	3.2dB	226°K	406437 -261 Hz
2023-02-04	Saturday	03:00	306°	+1°	0 dB	0°	306°	+1°	59°	+26°	3.1dB	225°K	406441 -248 Hz
2023-02-04	Saturday	12:00	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	2.9dB	208°K	406458 +248 Hz
2023-02-04	Saturday	12:30	062°	+6°	0 dB	0°	062°	+6°	197°	+25°	2.9dB	207°K	406456 +261 Hz
2023-02-04	Saturday	13:00	066°	+11°	0 dB	0°	066°	+11°	204°	+25°	2.8dB	206°K	406454 +270 Hz
2023-02-04	Saturday	13:30	071°	+15°	0 dB	0°	071°	+15°	211°	+24°	2.8dB	205°K	406451 +275 Hz
2023-02-04	Saturday	14:00	076°	+20°	0 dB	0°	076°	+20°	218°	+24°	2.8dB	205°K	406448 +275 Hz
2023-02-04	Saturday	14:30	081°	+25°	0 dB	0°	081°	+25°	226°	+24°	2.8dB	204°K	406445 +271 Hz
2023-02-04	Saturday	15:00	086°	+30°	0 dB	0°	086°	+30°	233°	+24°	2.8dB	203°K	406442 +263 Hz
2023-02-04	Saturday	15:30	091°	+35°	0 dB	0°	091°	+35°	240°	+24°	2.8dB	202°K	406438 +250 Hz
2023-02-04	Saturday	16:00	097°	+40°	0 dB	0°	097°	+40°	247°	+24°	2.8dB	201°K	406434 +233 Hz
2023-02-04	Saturday	16:30	103°	+45°	0 dB	0°	103°	+45°	255°	+24°	2.7dB	200°K	406430 +212 Hz
2023-02-04	Saturday	17:00	109°	+50°	0 dB	0°	109°	+50°	262°	+24°	2.7dB	199°K	406425 +187 Hz
2023-02-04	Saturday	17:30	117°	+55°	0 dB	0°	117°	+55°	269°	+24°	2.7dB	198°K	406420 +159 Hz
2023-02-04	Saturday	18:00	127°	+59°	0 dB	0°	127°	+59°	276°	+24°	2.7dB	197°K	406415 +129 Hz
2023-02-04	Saturday	18:30	138°	+63°	0 dB	0°	138°	+63°	284°	+24°	2.7dB	196°K	406410 +96 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-04	Saturday	19:00	152°	+65°	0 dB	0°	152°	+65°	291°	+24°	2.7dB	195°K	406404 +61 Hz
2023-02-04	Saturday	19:30	169°	+67°	0 dB	0°	169°	+67°	298°	+24°	2.7dB	195°K	406398 +26 Hz
2023-02-04	Saturday	20:00	186°	+67°	0 dB	0°	186°	+67°	306°	+24°	2.6dB	194°K	406392 -11 Hz
2023-02-04	Saturday	20:30	203°	+66°	0 dB	0°	203°	+66°	313°	+24°	2.6dB	193°K	406385 -46 Hz
2023-02-04	Saturday	21:00	217°	+63°	0 dB	0°	217°	+63°	320°	+24°	2.6dB	192°K	406378 -82 Hz
2023-02-04	Saturday	21:30	229°	+60°	0 dB	0°	229°	+60°	327°	+24°	2.6dB	191°K	406371 -115 Hz
2023-02-04	Saturday	22:00	239°	+56°	0 dB	0°	239°	+56°	335°	+23°	2.6dB	190°K	406364 -147 Hz
2023-02-04	Saturday	22:30	247°	+51°	0 dB	0°	247°	+51°	342°	+23°	2.5dB	189°K	406356 -176 Hz
2023-02-04	Saturday	23:00	255°	+46°	0 dB	0°	255°	+46°	349°	+23°	2.5dB	188°K	406348 -203 Hz
2023-02-04	Saturday	23:30	261°	+41°	0 dB	0°	261°	+41°	356°	+23°	2.5dB	187°K	406340 -225 Hz
2023-02-05	Sunday	00:00	266°	+36°	0 dB	0°	266°	+36°	4°	+23°	2.5dB	186°K	406331 -244 Hz
2023-02-05	Sunday	00:30	272°	+31°	0 dB	0°	272°	+31°	11°	+23°	2.5dB	185°K	406322 -259 Hz
2023-02-05	Sunday	01:00	277°	+26°	0 dB	0°	277°	+26°	18°	+23°	2.5dB	185°K	406313 -269 Hz
2023-02-05	Sunday	01:30	281°	+21°	0 dB	0°	281°	+21°	25°	+23°	2.5dB	184°K	406304 -276 Hz
2023-02-05	Sunday	02:00	286°	+16°	0 dB	0°	286°	+16°	33°	+23°	2.4dB	183°K	406294 -277 Hz
2023-02-05	Sunday	02:30	291°	+11°	0 dB	0°	291°	+11°	40°	+23°	2.4dB	182°K	406284 -274 Hz
2023-02-05	Sunday	03:00	296°	+6°	0 dB	0°	296°	+6°	47°	+23°	2.4dB	181°K	406274 -267 Hz
2023-02-05	Sunday	03:30	301°	+2°	0 dB	0°	301°	+2°	54°	+23°	2.4dB	180°K	406263 -255 Hz
2023-02-05	Sunday	13:00	061°	+1°	0 dB	0°	061°	+1°	192°	+21°	2.3dB	177°K	406010 +267 Hz
2023-02-05	Sunday	13:30	066°	+6°	0 dB	0°	066°	+6°	200°	+21°	2.3dB	177°K	405994 +279 Hz
2023-02-05	Sunday	14:00	071°	+10°	0 dB	0°	071°	+10°	207°	+21°	2.3dB	178°K	405978 +286 Hz
2023-02-05	Sunday	14:30	076°	+15°	0 dB	0°	076°	+15°	214°	+21°	2.3dB	178°K	405961 +289 Hz
2023-02-05	Sunday	15:00	081°	+20°	0 dB	0°	081°	+20°	222°	+21°	2.3dB	178°K	405944 +288 Hz
2023-02-05	Sunday	15:30	086°	+25°	0 dB	0°	086°	+25°	229°	+21°	2.3dB	178°K	405927 +281 Hz
2023-02-05	Sunday	16:00	091°	+30°	0 dB	0°	091°	+30°	236°	+21°	2.4dB	179°K	405910 +271 Hz
2023-02-05	Sunday	16:30	097°	+35°	0 dB	0°	097°	+35°	243°	+21°	2.4dB	179°K	405892 +256 Hz
2023-02-05	Sunday	17:00	103°	+40°	0 dB	0°	103°	+40°	251°	+21°	2.3dB	179°K	405874 +236 Hz
2023-02-05	Sunday	17:30	109°	+45°	0 dB	0°	109°	+45°	258°	+21°	2.4dB	180°K	405856 +213 Hz
2023-02-05	Sunday	18:00	117°	+49°	0 dB	0°	117°	+49°	265°	+21°	2.4dB	180°K	405837 +186 Hz
2023-02-05	Sunday	18:30	125°	+54°	0 dB	0°	125°	+54°	272°	+21°	2.4dB	180°K	405819 +156 Hz
2023-02-05	Sunday	19:00	135°	+58°	0 dB	0°	135°	+58°	280°	+20°	2.4dB	180°K	405800 +124 Hz
2023-02-05	Sunday	19:30	148°	+61°	0 dB	0°	148°	+61°	287°	+20°	2.4dB	181°K	405780 +89 Hz
2023-02-05	Sunday	20:00	161°	+63°	0 dB	0°	161°	+63°	294°	+20°	2.4dB	181°K	405761 +53 Hz
2023-02-05	Sunday	20:30	177°	+64°	0 dB	0°	177°	+64°	302°	+20°	2.4dB	181°K	405741 +16 Hz
2023-02-05	Sunday	21:00	192°	+63°	0 dB	0°	192°	+63°	309°	+20°	2.4dB	182°K	405721 -21 Hz
2023-02-05	Sunday	21:30	207°	+61°	0 dB	0°	207°	+61°	316°	+20°	2.4dB	182°K	405701 -58 Hz
2023-02-05	Sunday	22:00	219°	+59°	0 dB	0°	219°	+59°	323°	+20°	2.4dB	182°K	405680 -93 Hz
2023-02-05	Sunday	22:30	230°	+55°	0 dB	0°	230°	+55°	331°	+20°	2.4dB	182°K	405659 -127 Hz
2023-02-05	Sunday	23:00	239°	+51°	0 dB	0°	239°	+51°	338°	+20°	2.4dB	182°K	405638 -159 Hz
2023-02-05	Sunday	23:30	247°	+46°	0 dB	0°	247°	+46°	345°	+20°	2.4dB	183°K	405616 -187 Hz
2023-02-06	Monday	00:00	254°	+41°	0 dB	0°	254°	+41°	352°	+20°	2.4dB	183°K	405595 -213 Hz
2023-02-06	Monday	00:30	260°	+36°	0 dB	0°	260°	+36°	360°	+20°	2.4dB	183°K	405573 -234 Hz
2023-02-06	Monday	01:00	266°	+31°	0 dB	0°	266°	+31°	7°	+19°	2.4dB	183°K	405551 -252 Hz
2023-02-06	Monday	01:30	271°	+26°	0 dB	0°	271°	+26°	14°	+19°	2.4dB	183°K	405528 -265 Hz
2023-02-06	Monday	02:00	276°	+21°	0 dB	0°	276°	+21°	22°	+19°	2.4dB	183°K	405505 -274 Hz
2023-02-06	Monday	02:30	281°	+16°	0 dB	0°	281°	+16°	29°	+19°	2.4dB	183°K	405482 -278 Hz
2023-02-06	Monday	03:00	286°	+11°	0 dB	0°	286°	+11°	36°	+19°	2.4dB	184°K	405459 -277 Hz
2023-02-06	Monday	03:30	291°	+6°	0 dB	0°	291°	+6°	43°	+19°	2.4dB	184°K	405436 -272 Hz
2023-02-06	Monday	04:00	296°	+1°	0 dB	0°	296°	+1°	51°	+19°	2.4dB	184°K	405412 -262 Hz
2023-02-06	Monday	14:00	066°	+0°	0 dB	0°	066°	+0°	196°	+17°	2.4dB	187°K	404881 +286 Hz
2023-02-06	Monday	14:30	071°	+5°	0 dB	0°	071°	+5°	203°	+17°	2.4dB	187°K	404852 +296 Hz
2023-02-06	Monday	15:00	076°	+10°	0 dB	0°	076°	+10°	211°	+17°	2.4dB	187°K	404822 +301 Hz
2023-02-06	Monday	15:30	082°	+15°	0 dB	0°	082°	+15°	218°	+17°	2.5dB	188°K	404793 +302 Hz
2023-02-06	Monday	16:00	087°	+20°	0 dB	0°	087°	+20°	225°	+17°	2.5dB	188°K	404763 +298 Hz
2023-02-06	Monday	16:30	092°	+25°	0 dB	0°	092°	+25°	233°	+17°	2.5dB	188°K	404732 +289 Hz
2023-02-06	Monday	17:00	098°	+30°	0 dB	0°	098°	+30°	240°	+17°	2.5dB	189°K	404702 +276 Hz
2023-02-06	Monday	17:30	103°	+35°	0 dB	0°	103°	+35°	247°	+17°	2.5dB	189°K	404671 +258 Hz
2023-02-06	Monday	18:00	110°	+39°	0 dB	0°	110°	+39°	254°	+16°	2.5dB	189°K	404640 +236 Hz
2023-02-06	Monday	18:30	117°	+44°	0 dB	0°	117°	+44°	262°	+16°	2.5dB	189°K	404608 +210 Hz
2023-02-06	Monday	19:00	125°	+48°	0 dB	0°	125°	+48°	269°	+16°	2.5dB	190°K	404577 +181 Hz
2023-02-06	Monday	19:30	134°	+52°	0 dB	0°	134°	+52°	276°	+16°	2.5dB	190°K	404545 +149 Hz
2023-02-06	Monday	20:00	145°	+55°	0 dB	0°	145°	+55°	284°	+16°	2.5dB	190°K	404513 +114 Hz
2023-02-06	Monday	20:30	157°	+58°	0 dB	0°	157°	+58°	291°	+16°	2.5dB	191°K	404481 +78 Hz
2023-02-06	Monday	21:00	171°	+59°	0 dB	0°	171°	+59°	298°	+16°	2.5dB	191°K	404448 +40 Hz
2023-02-06	Monday	21:30	185°	+59°	0 dB	0°	185°	+59°	305°	+16°	2.5dB	191°K	404415 +2 Hz
2023-02-06	Monday	22:00	198°	+58°	0 dB	0°	198°	+58°	313°	+16°	2.5dB	191°K	404382 -36 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-06	Monday	22:30	210°	+56°	0 dB	0°	210°	+56°	320°	+16°	2.5dB	192°K	404348 -73 Hz
2023-02-06	Monday	23:00	221°	+53°	0 dB	0°	221°	+53°	327°	+15°	2.5dB	192°K	404315 -109 Hz
2023-02-06	Monday	23:30	231°	+49°	0 dB	0°	231°	+49°	334°	+15°	2.5dB	192°K	404281 -142 Hz
2023-02-07	Tuesday	00:00	239°	+45°	0 dB	0°	239°	+45°	342°	+15°	2.5dB	192°K	404247 -173 Hz
2023-02-07	Tuesday	00:30	247°	+40°	0 dB	0°	247°	+40°	349°	+15°	2.5dB	193°K	404212 -200 Hz
2023-02-07	Tuesday	01:00	253°	+35°	0 dB	0°	253°	+35°	356°	+15°	2.5dB	193°K	404178 -224 Hz
2023-02-07	Tuesday	01:30	259°	+30°	0 dB	0°	259°	+30°	4°	+15°	2.5dB	193°K	404143 -244 Hz
2023-02-07	Tuesday	02:00	265°	+25°	0 dB	0°	265°	+25°	11°	+15°	2.5dB	194°K	404107 -260 Hz
2023-02-07	Tuesday	02:30	270°	+20°	0 dB	0°	270°	+20°	18°	+15°	2.5dB	194°K	404072 -271 Hz
2023-02-07	Tuesday	03:00	275°	+15°	0 dB	0°	275°	+15°	25°	+15°	2.5dB	194°K	404036 -277 Hz
2023-02-07	Tuesday	03:30	280°	+10°	0 dB	0°	280°	+10°	33°	+15°	2.5dB	194°K	404000 -278 Hz
2023-02-07	Tuesday	04:00	285°	+5°	0 dB	0°	285°	+5°	40°	+14°	2.5dB	195°K	403964 -275 Hz
2023-02-07	Tuesday	04:30	290°	-0°	0 dB	0°	290°	-0°	47°	+14°	2.5dB	195°K	403927 -267 Hz
2023-02-07	Tuesday	15:30	078°	+4°	0 dB	0°	078°	+4°	208°	+12°	2.6dB	201°K	403059 +312 Hz
2023-02-07	Tuesday	16:00	083°	+9°	0 dB	0°	083°	+9°	215°	+12°	2.6dB	201°K	403016 +315 Hz
2023-02-07	Tuesday	16:30	088°	+14°	0 dB	0°	088°	+14°	222°	+12°	2.6dB	201°K	402973 +313 Hz
2023-02-07	Tuesday	17:00	094°	+19°	0 dB	0°	094°	+19°	230°	+12°	2.6dB	202°K	402930 +306 Hz
2023-02-07	Tuesday	17:30	099°	+24°	0 dB	0°	099°	+24°	237°	+12°	2.6dB	202°K	402887 +294 Hz
2023-02-07	Tuesday	18:00	105°	+29°	0 dB	0°	105°	+29°	244°	+12°	2.6dB	202°K	402844 +278 Hz
2023-02-07	Tuesday	18:30	111°	+34°	0 dB	0°	111°	+34°	251°	+11°	2.6dB	202°K	402800 +257 Hz
2023-02-07	Tuesday	19:00	118°	+38°	0 dB	0°	118°	+38°	259°	+11°	2.6dB	203°K	402756 +232 Hz
2023-02-07	Tuesday	19:30	126°	+42°	0 dB	0°	126°	+42°	266°	+11°	2.6dB	203°K	402712 +203 Hz
2023-02-07	Tuesday	20:00	135°	+46°	0 dB	0°	135°	+46°	273°	+11°	2.6dB	203°K	402667 +172 Hz
2023-02-07	Tuesday	20:30	144°	+50°	0 dB	0°	144°	+50°	281°	+11°	2.6dB	204°K	402622 +137 Hz
2023-02-07	Tuesday	21:00	155°	+52°	0 dB	0°	155°	+52°	288°	+11°	2.6dB	204°K	402577 +101 Hz
2023-02-07	Tuesday	21:30	167°	+54°	0 dB	0°	167°	+54°	295°	+11°	2.6dB	204°K	402532 +63 Hz
2023-02-07	Tuesday	22:00	179°	+54°	0 dB	0°	179°	+54°	302°	+11°	2.6dB	204°K	402486 +24 Hz
2023-02-07	Tuesday	22:30	191°	+54°	0 dB	0°	191°	+54°	310°	+11°	2.7dB	205°K	402440 -15 Hz
2023-02-07	Tuesday	23:00	203°	+52°	0 dB	0°	203°	+52°	317°	+10°	2.6dB	205°K	402394 -53 Hz
2023-02-07	Tuesday	23:30	214°	+49°	0 dB	0°	214°	+49°	324°	+10°	2.6dB	205°K	402348 -91 Hz
2023-02-08	Wednesday	00:00	223°	+46°	0 dB	0°	223°	+46°	332°	+10°	2.6dB	205°K	402301 -126 Hz
2023-02-08	Wednesday	00:30	232°	+42°	0 dB	0°	232°	+42°	339°	+10°	2.7dB	206°K	402254 -158 Hz
2023-02-08	Wednesday	01:00	240°	+38°	0 dB	0°	240°	+38°	346°	+10°	2.7dB	206°K	402207 -188 Hz
2023-02-08	Wednesday	01:30	246°	+33°	0 dB	0°	246°	+33°	353°	+10°	2.7dB	206°K	402160 -213 Hz
2023-02-08	Wednesday	02:00	253°	+28°	0 dB	0°	253°	+28°	1°	+10°	2.7dB	206°K	402112 -235 Hz
2023-02-08	Wednesday	02:30	258°	+23°	0 dB	0°	258°	+23°	8°	+10°	2.7dB	207°K	402064 -253 Hz
2023-02-08	Wednesday	03:00	264°	+18°	0 dB	0°	264°	+18°	15°	+10°	2.7dB	207°K	402016 -266 Hz
2023-02-08	Wednesday	03:30	269°	+13°	0 dB	0°	269°	+13°	23°	+9°	2.7dB	207°K	401967 -274 Hz
2023-02-08	Wednesday	04:00	274°	+8°	0 dB	0°	274°	+8°	30°	+9°	2.7dB	208°K	401918 -277 Hz
2023-02-08	Wednesday	04:30	279°	+3°	0 dB	0°	279°	+3°	37°	+9°	2.7dB	208°K	401869 -276 Hz
2023-02-08	Wednesday	16:30	085°	+3°	0 dB	0°	085°	+3°	212°	+7°	2.8dB	221°K	400613 +325 Hz
2023-02-08	Wednesday	17:00	090°	+8°	0 dB	0°	090°	+8°	220°	+6°	2.8dB	222°K	400557 +324 Hz
2023-02-08	Wednesday	17:30	096°	+13°	0 dB	0°	096°	+13°	227°	+6°	2.9dB	224°K	400501 +319 Hz
2023-02-08	Wednesday	18:00	101°	+18°	0 dB	0°	101°	+18°	234°	+6°	2.9dB	225°K	400445 +309 Hz
2023-02-08	Wednesday	18:30	107°	+23°	0 dB	0°	107°	+23°	241°	+6°	2.9dB	227°K	400389 +294 Hz
2023-02-08	Wednesday	19:00	113°	+28°	0 dB	0°	113°	+28°	249°	+6°	2.9dB	228°K	400332 +274 Hz
2023-02-08	Wednesday	19:30	120°	+32°	0 dB	0°	120°	+32°	256°	+6°	2.9dB	230°K	400275 +251 Hz
2023-02-08	Wednesday	20:00	127°	+36°	0 dB	0°	127°	+36°	263°	+6°	3.0dB	231°K	400217 +223 Hz
2023-02-08	Wednesday	20:30	135°	+40°	0 dB	0°	135°	+40°	271°	+6°	3.0dB	233°K	400160 +192 Hz
2023-02-08	Wednesday	21:00	144°	+43°	0 dB	0°	144°	+43°	278°	+6°	3.0dB	234°K	400102 +158 Hz
2023-02-08	Wednesday	21:30	154°	+46°	0 dB	0°	154°	+46°	285°	+5°	3.0dB	236°K	400044 +122 Hz
2023-02-08	Wednesday	22:00	164°	+48°	0 dB	0°	164°	+48°	292°	+5°	3.0dB	237°K	399985 +84 Hz
2023-02-08	Wednesday	22:30	175°	+48°	0 dB	0°	175°	+48°	300°	+5°	3.1dB	238°K	399927 +44 Hz
2023-02-08	Wednesday	23:00	186°	+48°	0 dB	0°	186°	+48°	307°	+5°	3.1dB	240°K	399868 +5 Hz
2023-02-08	Wednesday	23:30	197°	+47°	0 dB	0°	197°	+47°	314°	+5°	3.1dB	241°K	399809 -34 Hz
2023-02-09	Thursday	00:00	207°	+45°	0 dB	0°	207°	+45°	322°	+5°	3.1dB	243°K	399749 -72 Hz
2023-02-09	Thursday	00:30	217°	+42°	0 dB	0°	217°	+42°	329°	+5°	3.1dB	244°K	399689 -108 Hz
2023-02-09	Thursday	01:00	225°	+39°	0 dB	0°	225°	+39°	336°	+5°	3.2dB	246°K	399629 -142 Hz
2023-02-09	Thursday	01:30	233°	+35°	0 dB	0°	233°	+35°	343°	+4°	3.2dB	247°K	399569 -173 Hz
2023-02-09	Thursday	02:00	240°	+31°	0 dB	0°	240°	+31°	351°	+4°	3.2dB	249°K	399508 -200 Hz
2023-02-09	Thursday	02:30	246°	+26°	0 dB	0°	246°	+26°	358°	+4°	3.2dB	250°K	399448 -224 Hz
2023-02-09	Thursday	03:00	252°	+21°	0 dB	0°	252°	+21°	5°	+4°	3.2dB	251°K	399386 -243 Hz
2023-02-09	Thursday	03:30	258°	+16°	0 dB	0°	258°	+16°	13°	+4°	3.2dB	253°K	399325 -258 Hz
2023-02-09	Thursday	04:00	263°	+11°	0 dB	0°	263°	+11°	20°	+4°	3.2dB	254°K	399263 -267 Hz
2023-02-09	Thursday	04:30	269°	+6°	0 dB	0°	269°	+6°	27°	+4°	3.3dB	256°K	399201 -272 Hz
2023-02-09	Thursday	05:00	274°	+1°	0 dB	0°	274°	+1°	35°	+4°	3.3dB	257°K	399139 -272 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-09	Thursday	17:30	092°	+2°	0 dB	0°	092°	+2°	217°	+1°	3.7dB	296°K	397494 +333 Hz
2023-02-09	Thursday	18:00	098°	+7°	0 dB	0°	098°	+7°	224°	+1°	3.7dB	298°K	397425 +329 Hz
2023-02-09	Thursday	18:30	103°	+12°	0 dB	0°	103°	+12°	231°	+0°	3.8dB	300°K	397355 +321 Hz
2023-02-09	Thursday	19:00	109°	+17°	0 dB	0°	109°	+17°	239°	+0°	3.8dB	301°K	397285 +307 Hz
2023-02-09	Thursday	19:30	115°	+22°	0 dB	0°	115°	+22°	246°	+0°	3.8dB	303°K	397215 +289 Hz
2023-02-09	Thursday	20:00	121°	+26°	0 dB	0°	121°	+26°	253°	+0°	3.8dB	304°K	397145 +267 Hz
2023-02-09	Thursday	20:30	128°	+30°	0 dB	0°	128°	+30°	261°	+0°	3.8dB	306°K	397074 +240 Hz
2023-02-09	Thursday	21:00	136°	+34°	0 dB	0°	136°	+34°	268°	-0°	3.8dB	307°K	397003 +210 Hz
2023-02-09	Thursday	21:30	144°	+37°	0 dB	0°	144°	+37°	275°	-0°	3.8dB	309°K	396932 +177 Hz
2023-02-09	Thursday	22:00	153°	+40°	0 dB	0°	153°	+40°	283°	-0°	3.9dB	311°K	396860 +142 Hz
2023-02-09	Thursday	22:30	162°	+41°	0 dB	0°	162°	+41°	290°	-0°	3.9dB	312°K	396788 +104 Hz
2023-02-09	Thursday	23:00	172°	+42°	0 dB	0°	172°	+42°	297°	-1°	3.9dB	313°K	396716 +65 Hz
2023-02-09	Thursday	23:30	182°	+43°	0 dB	0°	182°	+43°	304°	-1°	3.9dB	313°K	396643 +26 Hz
2023-02-10	Fri day	00:00	192°	+42°	0 dB	0°	192°	+42°	312°	-1°	3.9dB	313°K	396571 -13 Hz
2023-02-10	Fri day	00:30	201°	+40°	0 dB	0°	201°	+40°	319°	-1°	3.9dB	313°K	396498 -52 Hz
2023-02-10	Fri day	01:00	210°	+38°	0 dB	0°	210°	+38°	326°	-1°	3.9dB	313°K	396424 -89 Hz
2023-02-10	Fri day	01:30	219°	+35°	0 dB	0°	219°	+35°	334°	-1°	3.9dB	313°K	396351 -123 Hz
2023-02-10	Fri day	02:00	226°	+31°	0 dB	0°	226°	+31°	341°	-1°	3.9dB	313°K	396277 -155 Hz
2023-02-10	Fri day	02:30	234°	+27°	0 dB	0°	234°	+27°	348°	-1°	3.9dB	313°K	396203 -184 Hz
2023-02-10	Fri day	03:00	240°	+23°	0 dB	0°	240°	+23°	355°	-2°	3.9dB	313°K	396129 -209 Hz
2023-02-10	Fri day	03:30	246°	+18°	0 dB	0°	246°	+18°	3°	-2°	3.9dB	313°K	396054 -229 Hz
2023-02-10	Fri day	04:00	252°	+13°	0 dB	0°	252°	+13°	10°	-2°	3.9dB	313°K	395979 -245 Hz
2023-02-10	Fri day	04:30	257°	+9°	0 dB	0°	257°	+9°	17°	-2°	3.9dB	313°K	395904 -257 Hz
2023-02-10	Fri day	05:00	263°	+3°	0 dB	0°	263°	+3°	25°	-2°	3.8dB	313°K	395828 -263 Hz
2023-02-10	Fri day	18:30	100°	+1°	0 dB	0°	100°	+1°	221°	-5°	3.7dB	311°K	393685 +336 Hz
2023-02-10	Fri day	19:00	105°	+6°	0 dB	0°	105°	+6°	229°	-5°	3.7dB	311°K	393602 +329 Hz
2023-02-10	Fri day	19:30	111°	+11°	0 dB	0°	111°	+11°	236°	-5°	3.7dB	310°K	393518 +318 Hz
2023-02-10	Fri day	20:00	117°	+15°	0 dB	0°	117°	+15°	243°	-6°	3.7dB	310°K	393435 +301 Hz
2023-02-10	Fri day	20:30	123°	+20°	0 dB	0°	123°	+20°	251°	-6°	3.7dB	310°K	393351 +281 Hz
2023-02-10	Fri day	21:00	129°	+24°	0 dB	0°	129°	+24°	258°	-6°	3.7dB	309°K	393266 +256 Hz
2023-02-10	Fri day	21:30	136°	+27°	0 dB	0°	136°	+27°	265°	-6°	3.7dB	309°K	393182 +227 Hz
2023-02-10	Fri day	22:00	144°	+30°	0 dB	0°	144°	+30°	272°	-6°	3.7dB	309°K	393097 +196 Hz
2023-02-10	Fri day	22:30	152°	+33°	0 dB	0°	152°	+33°	280°	-6°	3.7dB	309°K	393012 +161 Hz
2023-02-10	Fri day	23:00	160°	+35°	0 dB	0°	160°	+35°	287°	-6°	3.7dB	308°K	392926 +125 Hz
2023-02-10	Fri day	23:30	169°	+36°	0 dB	0°	169°	+36°	294°	-6°	3.7dB	308°K	392841 +87 Hz
2023-02-11	Saturday	00:00	178°	+37°	0 dB	0°	178°	+37°	302°	-7°	3.7dB	308°K	392755 +48 Hz
2023-02-11	Saturday	00:30	187°	+36°	0 dB	0°	187°	+36°	309°	-7°	3.6dB	308°K	392668 +9 Hz
2023-02-11	Saturday	01:00	196°	+35°	0 dB	0°	196°	+35°	316°	-7°	3.6dB	307°K	392582 -29 Hz
2023-02-11	Saturday	01:30	205°	+33°	0 dB	0°	205°	+33°	323°	-7°	3.6dB	307°K	392495 -66 Hz
2023-02-11	Saturday	02:00	213°	+31°	0 dB	0°	213°	+31°	331°	-7°	3.6dB	307°K	392408 -102 Hz
2023-02-11	Saturday	02:30	220°	+28°	0 dB	0°	220°	+28°	338°	-7°	3.6dB	306°K	392321 -134 Hz
2023-02-11	Saturday	03:00	227°	+24°	0 dB	0°	227°	+24°	345°	-7°	3.6dB	306°K	392233 -164 Hz
2023-02-11	Saturday	03:30	234°	+20°	0 dB	0°	234°	+20°	353°	-7°	3.6dB	306°K	392146 -189 Hz
2023-02-11	Saturday	04:00	240°	+16°	0 dB	0°	240°	+16°	360°	-7°	3.6dB	306°K	392057 -211 Hz
2023-02-11	Saturday	04:30	246°	+11°	0 dB	0°	246°	+11°	7°	-8°	3.6dB	305°K	391969 -229 Hz
2023-02-11	Saturday	05:00	251°	+6°	0 dB	0°	251°	+6°	14°	-8°	3.6dB	305°K	391881 -242 Hz
2023-02-11	Saturday	05:30	256°	+1°	0 dB	0°	256°	+1°	22°	-8°	3.6dB	305°K	391792 -250 Hz
2023-02-11	Saturday	19:30	107°	-0°	0 dB	0°	107°	-0°	226°	-11°	3.7dB	322°K	389198 +334 Hz
2023-02-11	Saturday	20:00	112°	+4°	0 dB	0°	112°	+4°	233°	-11°	3.7dB	322°K	389102 +325 Hz
2023-02-11	Saturday	20:30	118°	+9°	0 dB	0°	118°	+9°	240°	-11°	3.7dB	323°K	389005 +311 Hz
2023-02-11	Saturday	21:00	124°	+13°	0 dB	0°	124°	+13°	247°	-11°	3.7dB	324°K	388909 +292 Hz
2023-02-11	Saturday	21:30	130°	+17°	0 dB	0°	130°	+17°	255°	-12°	3.7dB	324°K	388812 +269 Hz
2023-02-11	Saturday	22:00	136°	+21°	0 dB	0°	136°	+21°	262°	-12°	3.7dB	325°K	388715 +243 Hz
2023-02-11	Saturday	22:30	143°	+24°	0 dB	0°	143°	+24°	269°	-12°	3.7dB	326°K	388617 +213 Hz
2023-02-11	Saturday	23:00	150°	+27°	0 dB	0°	150°	+27°	276°	-12°	3.7dB	327°K	388519 +181 Hz
2023-02-11	Saturday	23:30	158°	+29°	0 dB	0°	158°	+29°	284°	-12°	3.7dB	328°K	388421 +146 Hz
2023-02-12	Sunday	00:00	166°	+30°	0 dB	0°	166°	+30°	291°	-12°	3.7dB	329°K	388323 +109 Hz
2023-02-12	Sunday	00:30	175°	+31°	0 dB	0°	175°	+31°	298°	-12°	3.7dB	331°K	388225 +72 Hz
2023-02-12	Sunday	01:00	183°	+31°	0 dB	0°	183°	+31°	306°	-12°	3.7dB	332°K	388126 +33 Hz
2023-02-12	Sunday	01:30	191°	+30°	0 dB	0°	191°	+30°	313°	-12°	3.7dB	333°K	388027 -4 Hz
2023-02-12	Sunday	02:00	199°	+29°	0 dB	0°	199°	+29°	320°	-13°	3.7dB	334°K	387928 -41 Hz
2023-02-12	Sunday	02:30	207°	+27°	0 dB	0°	207°	+27°	327°	-13°	3.7dB	335°K	387829 -76 Hz
2023-02-12	Sunday	03:00	214°	+24°	0 dB	0°	214°	+24°	335°	-13°	3.7dB	336°K	387729 -109 Hz
2023-02-12	Sunday	03:30	221°	+21°	0 dB	0°	221°	+21°	342°	-13°	3.8dB	338°K	387630 -139 Hz
2023-02-12	Sunday	04:00	228°	+17°	0 dB	0°	228°	+17°	349°	-13°	3.8dB	339°K	387530 -166 Hz
2023-02-12	Sunday	04:30	234°	+13°	0 dB	0°	234°	+13°	356°	-13°	3.8dB	340°K	387429 -189 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-02-12	Sunday	05:00	239°	+9°	0 dB	0°	239°	+9°	4°	-13°	3.8dB	341°K	387329	-208 Hz
2023-02-12	Sunday	05:30	245°	+4°	0 dB	0°	245°	+4°	11°	-13°	3.8dB	342°K	387228	-223 Hz
2023-02-12	Sunday	21:00	118°	+2°	0 dB	0°	118°	+2°	236°	-17°	4.0dB	377°K	384005	+317 Hz
2023-02-12	Sunday	21:30	124°	+6°	0 dB	0°	124°	+6°	243°	-17°	4.0dB	378°K	383898	+301 Hz
2023-02-12	Sunday	22:00	129°	+10°	0 dB	0°	129°	+10°	251°	-17°	4.0dB	379°K	383791	+281 Hz
2023-02-12	Sunday	22:30	135°	+14°	0 dB	0°	135°	+14°	258°	-17°	4.0dB	380°K	383684	+258 Hz
2023-02-12	Sunday	23:00	142°	+17°	0 dB	0°	142°	+17°	265°	-17°	4.0dB	381°K	383576	+230 Hz
2023-02-12	Sunday	23:30	149°	+20°	0 dB	0°	149°	+20°	272°	-17°	4.0dB	382°K	383469	+200 Hz
2023-02-13	Monday	00:00	156°	+22°	0 dB	0°	156°	+22°	280°	-17°	4.0dB	383°K	383361	+168 Hz
2023-02-13	Monday	00:30	163°	+24°	0 dB	0°	163°	+24°	287°	-17°	4.0dB	384°K	383253	+133 Hz
2023-02-13	Monday	01:00	171°	+25°	0 dB	0°	171°	+25°	294°	-18°	4.1dB	386°K	383145	+97 Hz
2023-02-13	Monday	01:30	178°	+25°	0 dB	0°	178°	+25°	301°	-18°	4.1dB	387°K	383037	+60 Hz
2023-02-13	Monday	02:00	186°	+25°	0 dB	0°	186°	+25°	309°	-18°	4.1dB	388°K	382928	+24 Hz
2023-02-13	Monday	02:30	194°	+24°	0 dB	0°	194°	+24°	316°	-18°	4.1dB	389°K	382820	-12 Hz
2023-02-13	Monday	03:00	201°	+23°	0 dB	0°	201°	+23°	323°	-18°	4.1dB	390°K	382711	-47 Hz
2023-02-13	Monday	03:30	208°	+20°	0 dB	0°	208°	+20°	330°	-18°	4.1dB	391°K	382602	-81 Hz
2023-02-13	Monday	04:00	215°	+18°	0 dB	0°	215°	+18°	338°	-18°	4.1dB	392°K	382493	-111 Hz
2023-02-13	Monday	04:30	221°	+14°	0 dB	0°	221°	+14°	345°	-18°	4.1dB	393°K	382384	-139 Hz
2023-02-13	Monday	05:00	227°	+11°	0 dB	0°	227°	+11°	352°	-18°	4.1dB	394°K	382274	-164 Hz
2023-02-13	Monday	05:30	233°	+7°	0 dB	0°	233°	+7°	359°	-18°	4.1dB	395°K	382165	-184 Hz
2023-02-13	Monday	06:00	238°	+3°	0 dB	0°	238°	+3°	7°	-19°	4.1dB	396°K	382055	-201 Hz
2023-02-13	Monday	22:00	123°	-0°	0 dB	0°	123°	-0°	238°	-21°	4.3dB	440°K	378491	+307 Hz
2023-02-13	Monday	22:30	128°	+4°	0 dB	0°	128°	+4°	246°	-22°	4.4dB	442°K	378378	+291 Hz
2023-02-13	Monday	23:00	134°	+8°	0 dB	0°	134°	+8°	253°	-22°	4.4dB	445°K	378265	+270 Hz
2023-02-13	Monday	23:30	140°	+11°	0 dB	0°	140°	+11°	260°	-22°	4.4dB	447°K	378153	+247 Hz
2023-02-14	Tuesday	00:00	146°	+14°	0 dB	0°	146°	+14°	267°	-22°	4.4dB	449°K	378040	+220 Hz
2023-02-14	Tuesday	00:30	152°	+16°	0 dB	0°	152°	+16°	275°	-22°	4.4dB	452°K	377927	+190 Hz
2023-02-14	Tuesday	01:00	159°	+18°	0 dB	0°	159°	+18°	282°	-22°	4.4dB	454°K	377814	+158 Hz
2023-02-14	Tuesday	01:30	166°	+20°	0 dB	0°	166°	+20°	289°	-22°	4.4dB	456°K	377701	+124 Hz
2023-02-14	Tuesday	02:00	173°	+21°	0 dB	0°	173°	+21°	296°	-22°	4.5dB	459°K	377588	+89 Hz
2023-02-14	Tuesday	02:30	180°	+21°	0 dB	0°	180°	+21°	303°	-22°	4.5dB	461°K	377475	+54 Hz
2023-02-14	Tuesday	03:00	188°	+20°	0 dB	0°	188°	+20°	311°	-22°	4.5dB	464°K	377362	+18 Hz
2023-02-14	Tuesday	03:30	195°	+19°	0 dB	0°	195°	+19°	318°	-22°	4.5dB	466°K	377249	-16 Hz
2023-02-14	Tuesday	04:00	202°	+18°	0 dB	0°	202°	+18°	325°	-22°	4.5dB	468°K	377136	-50 Hz
2023-02-14	Tuesday	04:30	208°	+16°	0 dB	0°	208°	+16°	332°	-23°	4.5dB	471°K	377023	-81 Hz
2023-02-14	Tuesday	05:00	214°	+13°	0 dB	0°	214°	+13°	340°	-23°	4.5dB	473°K	376910	-110 Hz
2023-02-14	Tuesday	05:30	221°	+10°	0 dB	0°	221°	+10°	347°	-23°	4.6dB	475°K	376797	-136 Hz
2023-02-14	Tuesday	06:00	226°	+6°	0 dB	0°	226°	+6°	354°	-23°	4.6dB	478°K	376684	-159 Hz
2023-02-14	Tuesday	06:30	232°	+2°	0 dB	0°	232°	+2°	1°	-23°	4.6dB	483°K	376570	-178 Hz
2023-02-14	Tuesday	23:30	131°	+1°	0 dB	0°	131°	+1°	247°	-25°	6.0dB	719°K	372748	+281 Hz
2023-02-15	Wednesday	00:00	136°	+5°	0 dB	0°	136°	+5°	254°	-25°	6.1dB	730°K	372637	+261 Hz
2023-02-15	Wednesday	00:30	142°	+8°	0 dB	0°	142°	+8°	261°	-25°	6.1dB	741°K	372526	+237 Hz
2023-02-15	Wednesday	01:00	148°	+11°	0 dB	0°	148°	+11°	268°	-25°	6.2dB	752°K	372415	+211 Hz
2023-02-15	Wednesday	01:30	154°	+13°	0 dB	0°	154°	+13°	275°	-25°	6.2dB	763°K	372304	+182 Hz
2023-02-15	Wednesday	02:00	161°	+15°	0 dB	0°	161°	+15°	283°	-26°	6.3dB	774°K	372194	+151 Hz
2023-02-15	Wednesday	02:30	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	6.3dB	785°K	372083	+118 Hz
2023-02-15	Wednesday	03:00	174°	+17°	0 dB	0°	174°	+17°	297°	-26°	6.4dB	796°K	371973	+84 Hz
2023-02-15	Wednesday	03:30	181°	+17°	0 dB	0°	181°	+17°	304°	-26°	6.4dB	807°K	371863	+50 Hz
2023-02-15	Wednesday	04:00	188°	+17°	0 dB	0°	188°	+17°	311°	-26°	6.5dB	818°K	371753	+16 Hz
2023-02-15	Wednesday	04:30	195°	+16°	0 dB	0°	195°	+16°	319°	-26°	6.5dB	829°K	371643	-17 Hz
2023-02-15	Wednesday	05:00	201°	+14°	0 dB	0°	201°	+14°	326°	-26°	6.6dB	840°K	371534	-49 Hz
2023-02-15	Wednesday	05:30	208°	+12°	0 dB	0°	208°	+12°	333°	-26°	6.6dB	851°K	371424	-80 Hz
2023-02-15	Wednesday	06:00	214°	+10°	0 dB	0°	214°	+10°	340°	-26°	6.7dB	862°K	371315	-107 Hz
2023-02-15	Wednesday	06:30	219°	+7°	0 dB	0°	219°	+7°	347°	-26°	6.8dB	881°K	371206	-132 Hz
2023-02-15	Wednesday	07:00	225°	+3°	0 dB	0°	225°	+3°	355°	-26°	6.9dB	913°K	371097	-154 Hz
2023-02-16	Thursday	00:30	132°	-0°	0 dB	0°	132°	-0°	246°	-27°	11.1dB	2616°K	367428	+272 Hz
2023-02-16	Thursday	01:00	137°	+3°	0 dB	0°	137°	+3°	253°	-27°	11.2dB	2692°K	367328	+253 Hz
2023-02-16	Thursday	01:30	143°	+6°	0 dB	0°	143°	+6°	261°	-27°	11.3dB	2768°K	367229	+230 Hz
2023-02-16	Thursday	02:00	149°	+9°	0 dB	0°	149°	+9°	268°	-27°	11.5dB	2844°K	367130	+205 Hz
2023-02-16	Thursday	02:30	155°	+11°	0 dB	0°	155°	+11°	275°	-27°	11.6dB	2920°K	367031	+176 Hz
2023-02-16	Thursday	03:00	161°	+13°	0 dB	0°	161°	+13°	282°	-27°	11.7dB	2997°K	366932	+146 Hz
2023-02-16	Thursday	03:30	167°	+15°	0 dB	0°	167°	+15°	289°	-27°	11.8dB	3073°K	366834	+114 Hz
2023-02-16	Thursday	04:00	174°	+15°	0 dB	0°	174°	+15°	297°	-27°	11.9dB	3149°K	366737	+81 Hz
2023-02-16	Thursday	04:30	181°	+16°	0 dB	0°	181°	+16°	304°	-27°	12.0dB	3226°K	366639	+47 Hz
2023-02-16	Thursday	05:00	187°	+15°	0 dB	0°	187°	+15°	311°	-27°	12.1dB	3302°K	366542	+14 Hz
2023-02-16	Thursday	05:30	194°	+14°	0 dB	0°	194°	+14°	318°	-28°	12.0dB	3253°K	366445	-19 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-16	Thursday	06:00	200°	+13°	0 dB	0°	200°	+13°	325°	-28°	11.9dB	3198°K	366349 -51 Hz
2023-02-16	Thursday	06:30	206°	+11°	0 dB	0°	206°	+11°	332°	-28°	11.8dB	3143°K	366253 -80 Hz
2023-02-16	Thursday	07:00	212°	+8°	0 dB	0°	212°	+8°	340°	-28°	11.8dB	3087°K	366157 -108 Hz
2023-02-16	Thursday	07:30	218°	+5°	0 dB	0°	218°	+5°	347°	-28°	11.7dB	3032°K	366062 -133 Hz
2023-02-16	Thursday	08:00	224°	+2°	0 dB	0°	224°	+2°	354°	-28°	11.6dB	2977°K	365967 -155 Hz
2023-02-17	Fri day	02:00	137°	+2°	0 dB	0°	137°	+2°	252°	-27°	6.7dB	969°K	362845 +246 Hz
2023-02-17	Fri day	02:30	142°	+6°	0 dB	0°	142°	+6°	260°	-27°	6.5dB	913°K	362768 +224 Hz
2023-02-17	Fri day	03:00	148°	+9°	0 dB	0°	148°	+9°	267°	-27°	6.3dB	866°K	362691 +199 Hz
2023-02-17	Fri day	03:30	154°	+11°	0 dB	0°	154°	+11°	274°	-27°	6.2dB	850°K	362614 +171 Hz
2023-02-17	Fri day	04:00	160°	+13°	0 dB	0°	160°	+13°	281°	-27°	6.1dB	834°K	362538 +141 Hz
2023-02-17	Fri day	04:30	166°	+15°	0 dB	0°	166°	+15°	288°	-27°	6.0dB	818°K	362463 +109 Hz
2023-02-17	Fri day	05:00	173°	+15°	0 dB	0°	173°	+15°	295°	-27°	6.0dB	802°K	362388 +76 Hz
2023-02-17	Fri day	05:30	180°	+16°	0 dB	0°	180°	+16°	303°	-27°	5.9dB	786°K	362313 +43 Hz
2023-02-17	Fri day	06:00	186°	+16°	0 dB	0°	186°	+16°	310°	-27°	5.8dB	770°K	362240 +9 Hz
2023-02-17	Fri day	06:30	193°	+15°	0 dB	0°	193°	+15°	317°	-27°	5.7dB	753°K	362166 -24 Hz
2023-02-17	Fri day	07:00	199°	+13°	0 dB	0°	199°	+13°	324°	-27°	5.6dB	737°K	362094 -56 Hz
2023-02-17	Fri day	07:30	206°	+11°	0 dB	0°	206°	+11°	331°	-27°	5.5dB	721°K	362022 -87 Hz
2023-02-17	Fri day	08:00	212°	+9°	0 dB	0°	212°	+9°	339°	-27°	5.4dB	705°K	361950 -115 Hz
2023-02-17	Fri day	08:30	217°	+6°	0 dB	0°	217°	+6°	346°	-27°	5.3dB	689°K	361879 -141 Hz
2023-02-17	Fri day	09:00	223°	+3°	0 dB	0°	223°	+3°	353°	-27°	5.2dB	673°K	361809 -163 Hz
2023-02-17	Fri day	09:30	228°	-0°	0 dB	0°	228°	-0°	0°	-27°	5.1dB	657°K	361739 -183 Hz
2023-02-18	Saturday	02:30	129°	-0°	0 dB	0°	129°	-0°	244°	-25°	2.7dB	362°K	359746 +257 Hz
2023-02-18	Saturday	03:00	135°	+4°	0 dB	0°	135°	+4°	251°	-25°	2.7dB	360°K	359699 +239 Hz
2023-02-18	Saturday	03:30	140°	+7°	0 dB	0°	140°	+7°	258°	-25°	2.7dB	358°K	359653 +217 Hz
2023-02-18	Saturday	04:00	146°	+10°	0 dB	0°	146°	+10°	266°	-25°	2.7dB	356°K	359607 +192 Hz
2023-02-18	Saturday	04:30	152°	+13°	0 dB	0°	152°	+13°	273°	-25°	2.6dB	354°K	359563 +164 Hz
2023-02-18	Saturday	05:00	158°	+15°	0 dB	0°	158°	+15°	280°	-25°	2.6dB	352°K	359519 +133 Hz
2023-02-18	Saturday	05:30	165°	+17°	0 dB	0°	165°	+17°	287°	-25°	2.6dB	350°K	359475 +101 Hz
2023-02-18	Saturday	06:00	172°	+18°	0 dB	0°	172°	+18°	294°	-25°	2.6dB	348°K	359433 +67 Hz
2023-02-18	Saturday	06:30	179°	+18°	0 dB	0°	179°	+18°	302°	-25°	2.5dB	346°K	359391 +33 Hz
2023-02-18	Saturday	07:00	185°	+18°	0 dB	0°	185°	+18°	309°	-25°	2.5dB	344°K	359350 -2 Hz
2023-02-18	Saturday	07:30	192°	+17°	0 dB	0°	192°	+17°	316°	-25°	2.5dB	342°K	359310 -36 Hz
2023-02-18	Saturday	08:00	199°	+16°	0 dB	0°	199°	+16°	323°	-25°	2.5dB	340°K	359270 -69 Hz
2023-02-18	Saturday	08:30	206°	+14°	0 dB	0°	206°	+14°	330°	-25°	2.4dB	338°K	359231 -101 Hz
2023-02-18	Saturday	09:00	212°	+12°	0 dB	0°	212°	+12°	337°	-25°	2.4dB	336°K	359193 -130 Hz
2023-02-18	Saturday	09:30	218°	+9°	0 dB	0°	218°	+9°	345°	-25°	2.4dB	335°K	359155 -157 Hz
2023-02-18	Saturday	10:00	224°	+6°	0 dB	0°	224°	+6°	352°	-24°	2.4dB	333°K	359119 -181 Hz
2023-02-18	Saturday	10:30	229°	+2°	0 dB	0°	229°	+2°	359°	-24°	2.4dB	331°K	359083 -202 Hz
2023-02-19	Sunday	03:30	126°	+3°	0 dB	0°	126°	+3°	243°	-21°	2.3dB	326°K	358320 +248 Hz
2023-02-19	Sunday	04:00	132°	+7°	0 dB	0°	132°	+7°	251°	-21°	2.3dB	326°K	358312 +230 Hz
2023-02-19	Sunday	04:30	138°	+10°	0 dB	0°	138°	+10°	258°	-21°	2.3dB	326°K	358304 +207 Hz
2023-02-19	Sunday	05:00	144°	+14°	0 dB	0°	144°	+14°	265°	-21°	2.3dB	326°K	358297 +181 Hz
2023-02-19	Sunday	05:30	150°	+16°	0 dB	0°	150°	+16°	272°	-21°	2.3dB	326°K	358291 +152 Hz
2023-02-19	Sunday	06:00	157°	+19°	0 dB	0°	157°	+19°	279°	-21°	2.3dB	326°K	358286 +121 Hz
2023-02-19	Sunday	06:30	164°	+21°	0 dB	0°	164°	+21°	287°	-21°	2.3dB	326°K	358281 +87 Hz
2023-02-19	Sunday	07:00	171°	+22°	0 dB	0°	171°	+22°	294°	-21°	2.3dB	326°K	358277 +52 Hz
2023-02-19	Sunday	07:30	178°	+22°	0 dB	0°	178°	+22°	301°	-21°	2.3dB	326°K	358274 +17 Hz
2023-02-19	Sunday	08:00	185°	+22°	0 dB	0°	185°	+22°	308°	-21°	2.3dB	326°K	358272 -19 Hz
2023-02-19	Sunday	08:30	193°	+22°	0 dB	0°	193°	+22°	315°	-20°	2.3dB	326°K	358271 -55 Hz
2023-02-19	Sunday	09:00	200°	+20°	0 dB	0°	200°	+20°	323°	-20°	2.3dB	326°K	358271 -90 Hz
2023-02-19	Sunday	09:30	207°	+18°	0 dB	0°	207°	+18°	330°	-20°	2.3dB	326°K	358271 -123 Hz
2023-02-19	Sunday	10:00	213°	+16°	0 dB	0°	213°	+16°	337°	-20°	2.3dB	326°K	358272 -154 Hz
2023-02-19	Sunday	10:30	220°	+13°	0 dB	0°	220°	+13°	344°	-20°	2.3dB	326°K	358274 -182 Hz
2023-02-19	Sunday	11:00	226°	+10°	0 dB	0°	226°	+10°	351°	-20°	2.3dB	325°K	358277 -208 Hz
2023-02-19	Sunday	11:30	232°	+6°	0 dB	0°	232°	+6°	359°	-20°	2.2dB	324°K	358281 -229 Hz
2023-02-19	Sunday	12:00	237°	+2°	0 dB	0°	237°	+2°	6°	-20°	2.2dB	322°K	358285 -247 Hz
2023-02-20	Monday	04:00	118°	+3°	0 dB	0°	118°	+3°	237°	-16°	1.7dB	SUN!	358862 +252 Hz
2023-02-20	Monday	04:30	123°	+7°	0 dB	0°	123°	+7°	244°	-16°	1.6dB	SUN!	358893 +237 Hz
2023-02-20	Monday	05:00	129°	+12°	0 dB	0°	129°	+12°	251°	-16°	1.6dB	SUN!	358926 +217 Hz
2023-02-20	Monday	05:30	135°	+15°	0 dB	0°	135°	+15°	258°	-16°	1.6dB	SUN!	358959 +193 Hz
2023-02-20	Monday	06:00	141°	+19°	0 dB	0°	141°	+19°	266°	-16°	1.6dB	SUN!	358993 +166 Hz
2023-02-20	Monday	06:30	148°	+22°	0 dB	0°	148°	+22°	273°	-15°	1.5dB	SUN!	359027 +135 Hz
2023-02-20	Monday	07:00	155°	+24°	0 dB	0°	155°	+24°	280°	-15°	1.5dB	SUN!	359063 +102 Hz
2023-02-20	Monday	07:30	163°	+26°	0 dB	0°	163°	+26°	287°	-15°	1.5dB	SUN!	359099 +67 Hz
2023-02-20	Monday	08:00	171°	+28°	0 dB	0°	171°	+28°	294°	-15°	1.4dB	SUN!	359136 +31 Hz
2023-02-20	Monday	08:30	178°	+28°	0 dB	0°	178°	+28°	302°	-15°	1.4dB	SUN!	359174 -7 Hz



Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-20	Monday	09:00	186°	+28°	0 dB	0°	186°	+28°	309°	-15°	1.4dB	SUN!	359213 -44 Hz
2023-02-20	Monday	09:30	194°	+27°	0 dB	0°	194°	+27°	316°	-15°	1.4dB	SUN!	359253 -81 Hz
2023-02-20	Monday	10:00	202°	+26°	0 dB	0°	202°	+26°	323°	-15°	1.3dB	SUN!	359293 -118 Hz
2023-02-20	Monday	10:30	210°	+24°	0 dB	0°	210°	+24°	331°	-14°	1.3dB	SUN!	359334 -152 Hz
2023-02-20	Monday	11:00	217°	+21°	0 dB	0°	217°	+21°	338°	-14°	1.3dB	SUN!	359376 -184 Hz
2023-02-20	Monday	11:30	223°	+18°	0 dB	0°	223°	+18°	345°	-14°	1.3dB	SUN!	359419 -213 Hz
2023-02-20	Monday	12:00	230°	+14°	0 dB	0°	230°	+14°	352°	-14°	1.3dB	SUN!	359462 -239 Hz
2023-02-20	Monday	12:30	236°	+11°	0 dB	0°	236°	+11°	359°	-14°	1.3dB	SUN!	359507 -261 Hz
2023-02-20	Monday	13:00	241°	+6°	0 dB	0°	241°	+6°	7°	-14°	1.3dB	SUN!	359552 -280 Hz
2023-02-20	Monday	13:30	247°	+2°	0 dB	0°	247°	+2°	14°	-14°	1.3dB	SUN!	359598 -293 Hz
2023-02-21	Tuesday	04:30	110°	+4°	0 dB	0°	110°	+4°	231°	-10°	1.3dB	242°K	361332 +251 Hz
2023-02-21	Tuesday	05:00	115°	+9°	0 dB	0°	115°	+9°	238°	-9°	1.3dB	241°K	361401 +238 Hz
2023-02-21	Tuesday	05:30	121°	+13°	0 dB	0°	121°	+13°	245°	-9°	1.3dB	241°K	361471 +221 Hz
2023-02-21	Tuesday	06:00	126°	+18°	0 dB	0°	126°	+18°	253°	-9°	1.3dB	241°K	361542 +200 Hz
2023-02-21	Tuesday	06:30	133°	+22°	0 dB	0°	133°	+22°	260°	-9°	1.3dB	241°K	361613 +174 Hz
2023-02-21	Tuesday	07:00	140°	+25°	0 dB	0°	140°	+25°	267°	-9°	1.3dB	241°K	361685 +145 Hz
2023-02-21	Tuesday	07:30	147°	+29°	0 dB	0°	147°	+29°	274°	-9°	1.4dB	241°K	361758 +113 Hz
2023-02-21	Tuesday	08:00	155°	+31°	0 dB	0°	155°	+31°	281°	-9°	1.3dB	240°K	361832 +79 Hz
2023-02-21	Tuesday	08:30	163°	+33°	0 dB	0°	163°	+33°	289°	-9°	1.3dB	240°K	361906 +42 Hz
2023-02-21	Tuesday	09:00	171°	+34°	0 dB	0°	171°	+34°	296°	-8°	1.3dB	240°K	361981 +4 Hz
2023-02-21	Tuesday	09:30	180°	+35°	0 dB	0°	180°	+35°	303°	-8°	1.4dB	240°K	362056 -35 Hz
2023-02-21	Tuesday	10:00	189°	+35°	0 dB	0°	189°	+35°	310°	-8°	1.4dB	240°K	362133 -74 Hz
2023-02-21	Tuesday	10:30	198°	+34°	0 dB	0°	198°	+34°	318°	-8°	1.4dB	240°K	362210 -112 Hz
2023-02-21	Tuesday	11:00	206°	+32°	0 dB	0°	206°	+32°	325°	-8°	1.4dB	240°K	362287 -149 Hz
2023-02-21	Tuesday	11:30	214°	+29°	0 dB	0°	214°	+29°	332°	-8°	1.4dB	239°K	362366 -183 Hz
2023-02-21	Tuesday	12:00	221°	+26°	0 dB	0°	221°	+26°	339°	-8°	1.4dB	239°K	362445 -216 Hz
2023-02-21	Tuesday	12:30	228°	+23°	0 dB	0°	228°	+23°	347°	-7°	1.4dB	239°K	362525 -245 Hz
2023-02-21	Tuesday	13:00	235°	+19°	0 dB	0°	235°	+19°	354°	-7°	1.4dB	239°K	362605 -271 Hz
2023-02-21	Tuesday	13:30	241°	+15°	0 dB	0°	241°	+15°	1°	-7°	1.4dB	239°K	362686 -293 Hz
2023-02-21	Tuesday	14:00	247°	+11°	0 dB	0°	247°	+11°	8°	-7°	1.4dB	239°K	362768 -310 Hz
2023-02-21	Tuesday	14:30	253°	+6°	0 dB	0°	253°	+6°	16°	-7°	1.4dB	239°K	362850 -323 Hz
2023-02-21	Tuesday	15:00	258°	+1°	0 dB	0°	258°	+1°	23°	-7°	1.4dB	239°K	362933 -331 Hz
2023-02-22	Wednesday	04:30	096°	+1°	0 dB	0°	096°	+1°	219°	-3°	1.6dB	245°K	365408 +251 Hz
2023-02-22	Wednesday	05:00	101°	+6°	0 dB	0°	101°	+6°	226°	-3°	1.6dB	246°K	365508 +246 Hz
2023-02-22	Wednesday	05:30	107°	+11°	0 dB	0°	107°	+11°	233°	-3°	1.6dB	246°K	365608 +236 Hz
2023-02-22	Wednesday	06:00	112°	+16°	0 dB	0°	112°	+16°	240°	-3°	1.6dB	247°K	365709 +222 Hz
2023-02-22	Wednesday	06:30	118°	+20°	0 dB	0°	118°	+20°	248°	-2°	1.6dB	247°K	365810 +203 Hz
2023-02-22	Wednesday	07:00	124°	+25°	0 dB	0°	124°	+25°	255°	-2°	1.7dB	248°K	365912 +180 Hz
2023-02-22	Wednesday	07:30	131°	+29°	0 dB	0°	131°	+29°	262°	-2°	1.7dB	249°K	366015 +153 Hz
2023-02-22	Wednesday	08:00	138°	+33°	0 dB	0°	138°	+33°	269°	-2°	1.7dB	249°K	366118 +122 Hz
2023-02-22	Wednesday	08:30	146°	+36°	0 dB	0°	146°	+36°	277°	-2°	1.7dB	250°K	366221 +88 Hz
2023-02-22	Wednesday	09:00	155°	+39°	0 dB	0°	155°	+39°	284°	-2°	1.7dB	251°K	366325 +52 Hz
2023-02-22	Wednesday	09:30	164°	+41°	0 dB	0°	164°	+41°	291°	-2°	1.7dB	251°K	366430 +14 Hz
2023-02-22	Wednesday	10:00	174°	+42°	0 dB	0°	174°	+42°	298°	-1°	1.7dB	252°K	366535 -25 Hz
2023-02-22	Wednesday	10:30	184°	+42°	0 dB	0°	184°	+42°	306°	-1°	1.7dB	252°K	366641 -64 Hz
2023-02-22	Wednesday	11:00	193°	+41°	0 dB	0°	193°	+41°	313°	-1°	1.8dB	253°K	366747 -103 Hz
2023-02-22	Wednesday	11:30	203°	+40°	0 dB	0°	203°	+40°	320°	-1°	1.8dB	254°K	366853 -142 Hz
2023-02-22	Wednesday	12:00	212°	+38°	0 dB	0°	212°	+38°	327°	-1°	1.8dB	254°K	366960 -178 Hz
2023-02-22	Wednesday	12:30	220°	+35°	0 dB	0°	220°	+35°	335°	-1°	1.8dB	255°K	367068 -213 Hz
2023-02-22	Wednesday	13:00	228°	+31°	0 dB	0°	228°	+31°	342°	-1°	1.8dB	255°K	367176 -245 Hz
2023-02-22	Wednesday	13:30	235°	+28°	0 dB	0°	235°	+28°	349°	-0°	1.8dB	256°K	367284 -273 Hz
2023-02-22	Wednesday	14:00	242°	+23°	0 dB	0°	242°	+23°	356°	-0°	1.8dB	257°K	367393 -298 Hz
2023-02-22	Wednesday	14:30	248°	+19°	0 dB	0°	248°	+19°	4°	-0°	1.9dB	257°K	367502 -318 Hz
2023-02-22	Wednesday	15:00	254°	+14°	0 dB	0°	254°	+14°	11°	-0°	1.9dB	258°K	367612 -334 Hz
2023-02-22	Wednesday	15:30	259°	+9°	0 dB	0°	259°	+9°	18°	+0°	1.9dB	259°K	367722 -345 Hz
2023-02-22	Wednesday	16:00	265°	+5°	0 dB	0°	265°	+5°	25°	+0°	1.9dB	259°K	367833 -351 Hz
2023-02-22	Wednesday	16:30	270°	-0°	0 dB	0°	270°	-0°	33°	+0°	1.9dB	260°K	367944 -353 Hz
2023-02-23	Thursday	05:00	088°	+3°	0 dB	0°	088°	+3°	214°	+4°	2.2dB	275°K	370855 +241 Hz
2023-02-23	Thursday	05:30	093°	+8°	0 dB	0°	093°	+8°	221°	+4°	2.3dB	276°K	370977 +239 Hz
2023-02-23	Thursday	06:00	098°	+13°	0 dB	0°	098°	+13°	229°	+4°	2.3dB	276°K	371098 +232 Hz
2023-02-23	Thursday	06:30	104°	+18°	0 dB	0°	104°	+18°	236°	+4°	2.3dB	277°K	371220 +220 Hz
2023-02-23	Thursday	07:00	110°	+23°	0 dB	0°	110°	+23°	243°	+4°	2.3dB	277°K	371342 +204 Hz
2023-02-23	Thursday	07:30	116°	+28°	0 dB	0°	116°	+28°	250°	+5°	2.3dB	278°K	371464 +183 Hz
2023-02-23	Thursday	08:00	122°	+32°	0 dB	0°	122°	+32°	258°	+5°	2.3dB	279°K	371587 +159 Hz
2023-02-23	Thursday	08:30	129°	+36°	0 dB	0°	129°	+36°	265°	+5°	2.3dB	279°K	371710 +130 Hz
2023-02-23	Thursday	09:00	137°	+40°	0 dB	0°	137°	+40°	272°	+5°	2.4dB	280°K	371833 +98 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-23	Thursday	09:30	146°	+44°	0 dB	0°	146°	+44°	279°	+5°	2.4dB	281°K	371957 +63 Hz
2023-02-23	Thursday	10:00	156°	+46°	0 dB	0°	156°	+46°	287°	+5°	2.4dB	281°K	372081 +26 Hz
2023-02-23	Thursday	10:30	166°	+48°	0 dB	0°	166°	+48°	294°	+5°	2.4dB	282°K	372205 -12 Hz
2023-02-23	Thursday	11:00	177°	+49°	0 dB	0°	177°	+49°	301°	+5°	2.4dB	282°K	372329 -51 Hz
2023-02-23	Thursday	11:30	188°	+49°	0 dB	0°	188°	+49°	308°	+6°	2.4dB	283°K	372454 -91 Hz
2023-02-23	Thursday	12:00	199°	+48°	0 dB	0°	199°	+48°	316°	+6°	2.4dB	284°K	372579 -129 Hz
2023-02-23	Thursday	12:30	209°	+46°	0 dB	0°	209°	+46°	323°	+6°	2.4dB	284°K	372704 -167 Hz
2023-02-23	Thursday	13:00	219°	+43°	0 dB	0°	219°	+43°	330°	+6°	2.5dB	285°K	372829 -203 Hz
2023-02-23	Thursday	13:30	228°	+40°	0 dB	0°	228°	+40°	337°	+6°	2.5dB	285°K	372955 -236 Hz
2023-02-23	Thursday	14:00	235°	+36°	0 dB	0°	235°	+36°	345°	+6°	2.5dB	286°K	373081 -266 Hz
2023-02-23	Thursday	14:30	242°	+31°	0 dB	0°	242°	+31°	352°	+6°	2.5dB	287°K	373207 -293 Hz
2023-02-23	Thursday	15:00	249°	+27°	0 dB	0°	249°	+27°	359°	+7°	2.5dB	287°K	373333 -316 Hz
2023-02-23	Thursday	15:30	255°	+22°	0 dB	0°	255°	+22°	7°	+7°	2.5dB	288°K	373460 -334 Hz
2023-02-23	Thursday	16:00	261°	+17°	0 dB	0°	261°	+17°	14°	+7°	2.5dB	288°K	373587 -348 Hz
2023-02-23	Thursday	16:30	266°	+12°	0 dB	0°	266°	+12°	21°	+7°	2.6dB	289°K	373714 -357 Hz
2023-02-23	Thursday	17:00	272°	+7°	0 dB	0°	272°	+7°	28°	+7°	2.6dB	290°K	373841 -361 Hz
2023-02-23	Thursday	17:30	277°	+2°	0 dB	0°	277°	+2°	36°	+7°	2.6dB	290°K	373968 -360 Hz
2023-02-24	Fri day	05:30	081°	+4°	0 dB	0°	081°	+4°	210°	+10°	2.9dB	300°K	377077 +231 Hz
2023-02-24	Fri day	06:00	086°	+9°	0 dB	0°	086°	+9°	217°	+10°	2.9dB	300°K	377208 +232 Hz
2023-02-24	Fri day	06:30	091°	+14°	0 dB	0°	091°	+14°	224°	+10°	2.9dB	301°K	377339 +228 Hz
2023-02-24	Fri day	07:00	096°	+20°	0 dB	0°	096°	+20°	232°	+11°	2.9dB	301°K	377470 +219 Hz
2023-02-24	Fri day	07:30	101°	+25°	0 dB	0°	101°	+25°	239°	+11°	2.9dB	301°K	377602 +205 Hz
2023-02-24	Fri day	08:00	107°	+30°	0 dB	0°	107°	+30°	246°	+11°	2.9dB	301°K	377733 +187 Hz
2023-02-24	Fri day	08:30	113°	+35°	0 dB	0°	113°	+35°	253°	+11°	2.9dB	302°K	377865 +165 Hz
2023-02-24	Fri day	09:00	120°	+39°	0 dB	0°	120°	+39°	261°	+11°	2.9dB	302°K	377996 +139 Hz
2023-02-24	Fri day	09:30	128°	+44°	0 dB	0°	128°	+44°	268°	+11°	2.9dB	302°K	378128 +109 Hz
2023-02-24	Fri day	10:00	137°	+47°	0 dB	0°	137°	+47°	275°	+11°	2.9dB	303°K	378259 +77 Hz
2023-02-24	Fri day	10:30	147°	+51°	0 dB	0°	147°	+51°	282°	+11°	2.9dB	303°K	378391 +41 Hz
2023-02-24	Fri day	11:00	158°	+53°	0 dB	0°	158°	+53°	290°	+12°	3.0dB	303°K	378523 +4 Hz
2023-02-24	Fri day	11:30	170°	+55°	0 dB	0°	170°	+55°	297°	+12°	3.0dB	304°K	378654 -34 Hz
2023-02-24	Fri day	12:00	182°	+55°	0 dB	0°	182°	+55°	304°	+12°	3.0dB	304°K	378786 -73 Hz
2023-02-24	Fri day	12:30	195°	+55°	0 dB	0°	195°	+55°	311°	+12°	3.0dB	305°K	378918 -111 Hz
2023-02-24	Fri day	13:00	206°	+53°	0 dB	0°	206°	+53°	319°	+12°	3.0dB	307°K	379050 -149 Hz
2023-02-24	Fri day	13:30	217°	+50°	0 dB	0°	217°	+50°	326°	+12°	3.0dB	308°K	379181 -185 Hz
2023-02-24	Fri day	14:00	227°	+47°	0 dB	0°	227°	+47°	333°	+12°	3.1dB	310°K	379313 -219 Hz
2023-02-24	Fri day	14:30	236°	+43°	0 dB	0°	236°	+43°	340°	+12°	3.1dB	311°K	379445 -251 Hz
2023-02-24	Fri day	15:00	243°	+39°	0 dB	0°	243°	+39°	348°	+13°	3.1dB	313°K	379577 -279 Hz
2023-02-24	Fri day	15:30	250°	+34°	0 dB	0°	250°	+34°	355°	+13°	3.1dB	314°K	379709 -303 Hz
2023-02-24	Fri day	16:00	256°	+30°	0 dB	0°	256°	+30°	2°	+13°	3.2dB	316°K	379841 -324 Hz
2023-02-24	Fri day	16:30	262°	+25°	0 dB	0°	262°	+25°	10°	+13°	3.2dB	317°K	379973 -340 Hz
2023-02-24	Fri day	17:00	268°	+20°	0 dB	0°	268°	+20°	17°	+13°	3.2dB	319°K	380104 -351 Hz
2023-02-24	Fri day	17:30	273°	+15°	0 dB	0°	273°	+15°	24°	+13°	3.2dB	320°K	380236 -358 Hz
2023-02-24	Fri day	18:00	278°	+10°	0 dB	0°	278°	+10°	31°	+13°	3.3dB	322°K	380368 -360 Hz
2023-02-24	Fri day	18:30	283°	+5°	0 dB	0°	283°	+5°	39°	+13°	3.3dB	323°K	380500 -357 Hz
2023-02-24	Fri day	19:00	289°	+0°	0 dB	0°	289°	+0°	46°	+13°	3.3dB	325°K	380632 -349 Hz
2023-02-25	Saturday	05:30	069°	+1°	0 dB	0°	069°	+1°	198°	+16°	3.7dB	352°K	383384 +214 Hz
2023-02-25	Saturday	06:00	074°	+5°	0 dB	0°	074°	+5°	206°	+16°	3.7dB	353°K	383514 +222 Hz
2023-02-25	Saturday	06:30	079°	+10°	0 dB	0°	079°	+10°	213°	+16°	3.8dB	354°K	383644 +226 Hz
2023-02-25	Saturday	07:00	084°	+15°	0 dB	0°	084°	+15°	220°	+16°	3.8dB	354°K	383773 +225 Hz
2023-02-25	Saturday	07:30	089°	+21°	0 dB	0°	089°	+21°	227°	+16°	3.8dB	355°K	383903 +219 Hz
2023-02-25	Saturday	08:00	094°	+26°	0 dB	0°	094°	+26°	235°	+16°	3.8dB	356°K	384032 +208 Hz
2023-02-25	Saturday	08:30	099°	+31°	0 dB	0°	099°	+31°	242°	+16°	3.8dB	357°K	384162 +193 Hz
2023-02-25	Saturday	09:00	105°	+36°	0 dB	0°	105°	+36°	249°	+17°	3.8dB	357°K	384291 +174 Hz
2023-02-25	Saturday	09:30	111°	+41°	0 dB	0°	111°	+41°	256°	+17°	3.8dB	358°K	384420 +150 Hz
2023-02-25	Saturday	10:00	119°	+46°	0 dB	0°	119°	+46°	264°	+17°	3.9dB	359°K	384549 +123 Hz
2023-02-25	Saturday	10:30	127°	+50°	0 dB	0°	127°	+50°	271°	+17°	3.9dB	360°K	384677 +93 Hz
2023-02-25	Saturday	11:00	136°	+54°	0 dB	0°	136°	+54°	278°	+17°	3.9dB	360°K	384806 +60 Hz
2023-02-25	Saturday	11:30	147°	+57°	0 dB	0°	147°	+57°	285°	+17°	3.9dB	361°K	384934 +25 Hz
2023-02-25	Saturday	12:00	160°	+59°	0 dB	0°	160°	+59°	293°	+17°	3.9dB	362°K	385063 -12 Hz
2023-02-25	Saturday	12:30	174°	+61°	0 dB	0°	174°	+61°	300°	+17°	3.9dB	363°K	385191 -49 Hz
2023-02-25	Saturday	13:00	188°	+61°	0 dB	0°	188°	+61°	307°	+17°	3.9dB	363°K	385318 -87 Hz
2023-02-25	Saturday	13:30	202°	+59°	0 dB	0°	202°	+59°	314°	+17°	3.9dB	364°K	385446 -124 Hz
2023-02-25	Saturday	14:00	215°	+57°	0 dB	0°	215°	+57°	322°	+18°	4.0dB	365°K	385574 -160 Hz
2023-02-25	Saturday	14:30	226°	+54°	0 dB	0°	226°	+54°	329°	+18°	4.0dB	366°K	385701 -195 Hz
2023-02-25	Saturday	15:00	235°	+50°	0 dB	0°	235°	+50°	336°	+18°	4.0dB	367°K	385828 -227 Hz
2023-02-25	Saturday	15:30	243°	+46°	0 dB	0°	243°	+46°	343°	+18°	4.0dB	367°K	385955 -256 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-25	Saturday	16:00	251°	+41°	0 dB	0°	251°	+41°	351°	+18°	4.0dB	368°K	386082 -282 Hz
2023-02-25	Saturday	16:30	257°	+36°	0 dB	0°	257°	+36°	358°	+18°	4.0dB	369°K	386208 -304 Hz
2023-02-25	Saturday	17:00	263°	+31°	0 dB	0°	263°	+31°	5°	+18°	4.0dB	369°K	386335 -322 Hz
2023-02-25	Saturday	17:30	269°	+26°	0 dB	0°	269°	+26°	12°	+18°	4.0dB	368°K	386461 -336 Hz
2023-02-25	Saturday	18:00	274°	+21°	0 dB	0°	274°	+21°	20°	+18°	4.0dB	367°K	386587 -345 Hz
2023-02-25	Saturday	18:30	279°	+16°	0 dB	0°	279°	+16°	27°	+18°	4.0dB	367°K	386712 -350 Hz
2023-02-25	Saturday	19:00	284°	+12°	0 dB	0°	284°	+12°	34°	+19°	4.0dB	366°K	386838 -350 Hz
2023-02-25	Saturday	19:30	289°	+7°	0 dB	0°	289°	+7°	41°	+19°	4.0dB	365°K	386963 -345 Hz
2023-02-25	Saturday	20:00	294°	+2°	0 dB	0°	294°	+2°	49°	+19°	4.0dB	364°K	387088 -336 Hz
2023-02-26	Sunday	06:00	062°	+1°	0 dB	0°	062°	+1°	194°	+21°	4.0dB	349°K	389535 +205 Hz
2023-02-26	Sunday	06:30	067°	+6°	0 dB	0°	067°	+6°	201°	+21°	4.0dB	348°K	389654 +216 Hz
2023-02-26	Sunday	07:00	072°	+11°	0 dB	0°	072°	+11°	208°	+21°	4.0dB	348°K	389773 +222 Hz
2023-02-26	Sunday	07:30	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	4.0dB	349°K	389892 +223 Hz
2023-02-26	Sunday	08:00	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	4.0dB	349°K	390011 +220 Hz
2023-02-26	Sunday	08:30	087°	+26°	0 dB	0°	087°	+26°	230°	+21°	4.0dB	350°K	390129 +213 Hz
2023-02-26	Sunday	09:00	092°	+31°	0 dB	0°	092°	+31°	237°	+21°	4.0dB	351°K	390247 +201 Hz
2023-02-26	Sunday	09:30	097°	+36°	0 dB	0°	097°	+36°	245°	+21°	4.0dB	352°K	390364 +185 Hz
2023-02-26	Sunday	10:00	103°	+41°	0 dB	0°	103°	+41°	252°	+21°	4.0dB	352°K	390482 +165 Hz
2023-02-26	Sunday	10:30	110°	+46°	0 dB	0°	110°	+46°	259°	+21°	4.1dB	353°K	390599 +141 Hz
2023-02-26	Sunday	11:00	117°	+51°	0 dB	0°	117°	+51°	266°	+21°	4.1dB	354°K	390715 +113 Hz
2023-02-26	Sunday	11:30	126°	+55°	0 dB	0°	126°	+55°	274°	+22°	4.1dB	355°K	390832 +83 Hz
2023-02-26	Sunday	12:00	136°	+59°	0 dB	0°	136°	+59°	281°	+22°	4.1dB	356°K	390948 +50 Hz
2023-02-26	Sunday	12:30	148°	+62°	0 dB	0°	148°	+62°	288°	+22°	4.1dB	356°K	391063 +15 Hz
2023-02-26	Sunday	13:00	163°	+65°	0 dB	0°	163°	+65°	295°	+22°	4.1dB	357°K	391178 -21 Hz
2023-02-26	Sunday	13:30	179°	+65°	0 dB	0°	179°	+65°	303°	+22°	4.1dB	358°K	391293 -57 Hz
2023-02-26	Sunday	14:00	195°	+65°	0 dB	0°	195°	+65°	310°	+22°	4.2dB	359°K	391408 -93 Hz
2023-02-26	Sunday	14:30	210°	+63°	0 dB	0°	210°	+63°	317°	+22°	4.2dB	359°K	391522 -129 Hz
2023-02-26	Sunday	15:00	223°	+60°	0 dB	0°	223°	+60°	324°	+22°	4.2dB	360°K	391636 -164 Hz
2023-02-26	Sunday	15:30	234°	+56°	0 dB	0°	234°	+56°	332°	+22°	4.2dB	361°K	391750 -196 Hz
2023-02-26	Sunday	16:00	243°	+52°	0 dB	0°	243°	+52°	339°	+22°	4.2dB	362°K	391863 -227 Hz
2023-02-26	Sunday	16:30	251°	+47°	0 dB	0°	251°	+47°	346°	+22°	4.2dB	363°K	391976 -254 Hz
2023-02-26	Sunday	17:00	257°	+42°	0 dB	0°	257°	+42°	353°	+22°	4.2dB	363°K	392089 -278 Hz
2023-02-26	Sunday	17:30	263°	+38°	0 dB	0°	263°	+38°	1°	+22°	4.2dB	364°K	392201 -298 Hz
2023-02-26	Sunday	18:00	269°	+33°	0 dB	0°	269°	+33°	8°	+23°	4.3dB	365°K	392313 -314 Hz
2023-02-26	Sunday	18:30	274°	+27°	0 dB	0°	274°	+27°	15°	+23°	4.3dB	366°K	392424 -326 Hz
2023-02-26	Sunday	19:00	279°	+22°	0 dB	0°	279°	+22°	22°	+23°	4.3dB	367°K	392535 -333 Hz
2023-02-26	Sunday	19:30	284°	+18°	0 dB	0°	284°	+18°	30°	+23°	4.3dB	367°K	392646 -336 Hz
2023-02-26	Sunday	20:00	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	4.3dB	368°K	392757 -334 Hz
2023-02-26	Sunday	20:30	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	4.3dB	369°K	392867 -328 Hz
2023-02-26	Sunday	21:00	299°	+4°	0 dB	0°	299°	+4°	51°	+23°	4.3dB	370°K	392976 -318 Hz
2023-02-27	Monday	06:30	056°	+1°	0 dB	0°	056°	+1°	189°	+24°	4.6dB	391°K	394985 +198 Hz
2023-02-27	Monday	07:00	061°	+6°	0 dB	0°	061°	+6°	196°	+24°	4.6dB	392°K	395087 +211 Hz
2023-02-27	Monday	07:30	066°	+10°	0 dB	0°	066°	+10°	203°	+24°	4.7dB	393°K	395188 +220 Hz
2023-02-27	Monday	08:00	071°	+15°	0 dB	0°	071°	+15°	211°	+24°	4.7dB	394°K	395289 +224 Hz
2023-02-27	Monday	08:30	076°	+20°	0 dB	0°	076°	+20°	218°	+24°	4.7dB	395°K	395390 +225 Hz
2023-02-27	Monday	09:00	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	4.7dB	397°K	395490 +220 Hz
2023-02-27	Monday	09:30	085°	+30°	0 dB	0°	085°	+30°	232°	+25°	4.7dB	398°K	395589 +212 Hz
2023-02-27	Monday	10:00	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	4.7dB	399°K	395688 +199 Hz
2023-02-27	Monday	10:30	096°	+40°	0 dB	0°	096°	+40°	247°	+25°	4.8dB	400°K	395787 +182 Hz
2023-02-27	Monday	11:00	102°	+45°	0 dB	0°	102°	+45°	254°	+25°	4.8dB	401°K	395885 +161 Hz
2023-02-27	Monday	11:30	108°	+50°	0 dB	0°	108°	+50°	261°	+25°	4.8dB	403°K	395983 +136 Hz
2023-02-27	Monday	12:00	116°	+55°	0 dB	0°	116°	+55°	269°	+25°	4.8dB	404°K	396081 +109 Hz
2023-02-27	Monday	12:30	125°	+59°	0 dB	0°	125°	+59°	276°	+25°	4.8dB	405°K	396178 +78 Hz
2023-02-27	Monday	13:00	136°	+63°	0 dB	0°	136°	+63°	283°	+25°	4.8dB	406°K	396274 +46 Hz
2023-02-27	Monday	13:30	150°	+66°	0 dB	0°	150°	+66°	290°	+25°	4.9dB	408°K	396370 +12 Hz
2023-02-27	Monday	14:00	167°	+68°	0 dB	0°	167°	+68°	298°	+25°	4.9dB	409°K	396466 -23 Hz
2023-02-27	Monday	14:30	185°	+69°	0 dB	0°	185°	+69°	305°	+25°	4.9dB	410°K	396561 -59 Hz
2023-02-27	Monday	15:00	203°	+68°	0 dB	0°	203°	+68°	312°	+25°	4.9dB	412°K	396656 -94 Hz
2023-02-27	Monday	15:30	218°	+65°	0 dB	0°	218°	+65°	319°	+25°	4.9dB	413°K	396750 -129 Hz
2023-02-27	Monday	16:00	231°	+62°	0 dB	0°	231°	+62°	327°	+25°	4.9dB	414°K	396844 -162 Hz
2023-02-27	Monday	16:30	241°	+57°	0 dB	0°	241°	+57°	334°	+25°	4.9dB	415°K	396938 -193 Hz
2023-02-27	Monday	17:00	249°	+53°	0 dB	0°	249°	+53°	341°	+25°	5.0dB	417°K	397031 -221 Hz
2023-02-27	Monday	17:30	256°	+48°	0 dB	0°	256°	+48°	348°	+25°	5.0dB	418°K	397123 -247 Hz
2023-02-27	Monday	18:00	262°	+43°	0 dB	0°	262°	+43°	356°	+26°	5.0dB	419°K	397215 -269 Hz
2023-02-27	Monday	18:30	268°	+38°	0 dB	0°	268°	+38°	3°	+26°	5.0dB	421°K	397307 -288 Hz
2023-02-27	Monday	19:00	273°	+33°	0 dB	0°	273°	+33°	10°	+26°	5.0dB	422°K	397398 -302 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-02-27	Monday	19:30	278°	+28°	0 dB	0°	278°	+28°	17°	+26°	5.0dB	423°K	397489 -312 Hz
2023-02-27	Monday	20:00	283°	+23°	0 dB	0°	283°	+23°	25°	+26°	5.1dB	424°K	397579 -318 Hz
2023-02-27	Monday	20:30	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	5.1dB	426°K	397669 -319 Hz
2023-02-27	Monday	21:00	292°	+13°	0 dB	0°	292°	+13°	39°	+26°	5.1dB	427°K	397758 -316 Hz
2023-02-27	Monday	21:30	297°	+9°	0 dB	0°	297°	+9°	46°	+26°	5.1dB	428°K	397847 -309 Hz
2023-02-27	Monday	22:00	302°	+5°	0 dB	0°	302°	+5°	54°	+26°	5.1dB	430°K	397936 -298 Hz
2023-02-27	Monday	22:30	307°	+0°	0 dB	0°	307°	+0°	61°	+26°	5.1dB	431°K	398024 -283 Hz
2023-02-28	Tuesday	07:00	051°	+0°	0 dB	0°	051°	+0°	184°	+27°	5.5dB	469°K	399447 +193 Hz
2023-02-28	Tuesday	07:30	056°	+4°	0 dB	0°	056°	+4°	191°	+27°	5.5dB	471°K	399526 +208 Hz
2023-02-28	Tuesday	08:00	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	5.6dB	474°K	399605 +220 Hz
2023-02-28	Tuesday	08:30	066°	+13°	0 dB	0°	066°	+13°	206°	+27°	5.6dB	476°K	399683 +227 Hz
2023-02-28	Tuesday	09:00	071°	+18°	0 dB	0°	071°	+18°	213°	+27°	5.6dB	479°K	399761 +231 Hz
2023-02-28	Tuesday	09:30	075°	+23°	0 dB	0°	075°	+23°	220°	+27°	5.6dB	481°K	399839 +230 Hz
2023-02-28	Tuesday	10:00	080°	+28°	0 dB	0°	080°	+28°	227°	+27°	5.7dB	484°K	399916 +224 Hz
2023-02-28	Tuesday	10:30	085°	+33°	0 dB	0°	085°	+33°	235°	+27°	5.7dB	486°K	399992 +215 Hz
2023-02-28	Tuesday	11:00	090°	+38°	0 dB	0°	090°	+38°	242°	+27°	5.7dB	488°K	400068 +201 Hz
2023-02-28	Tuesday	11:30	095°	+43°	0 dB	0°	095°	+43°	249°	+27°	5.7dB	491°K	400144 +183 Hz
2023-02-28	Tuesday	12:00	101°	+48°	0 dB	0°	101°	+48°	256°	+27°	5.7dB	493°K	400219 +162 Hz
2023-02-28	Tuesday	12:30	108°	+53°	0 dB	0°	108°	+53°	264°	+27°	5.8dB	496°K	400293 +137 Hz
2023-02-28	Tuesday	13:00	116°	+58°	0 dB	0°	116°	+58°	271°	+27°	5.8dB	498°K	400367 +109 Hz
2023-02-28	Tuesday	13:30	125°	+62°	0 dB	0°	125°	+62°	278°	+27°	5.8dB	500°K	400441 +79 Hz
2023-02-28	Tuesday	14:00	137°	+66°	0 dB	0°	137°	+66°	285°	+27°	5.8dB	500°K	400514 +46 Hz
2023-02-28	Tuesday	14:30	153°	+69°	0 dB	0°	153°	+69°	292°	+27°	5.8dB	500°K	400586 +13 Hz
2023-02-28	Tuesday	15:00	171°	+71°	0 dB	0°	171°	+71°	300°	+27°	5.8dB	500°K	400659 -22 Hz
2023-02-28	Tuesday	15:30	191°	+71°	0 dB	0°	191°	+71°	307°	+27°	5.8dB	500°K	400730 -57 Hz
2023-02-28	Tuesday	16:00	209°	+69°	0 dB	0°	209°	+69°	314°	+27°	5.8dB	500°K	400801 -91 Hz
2023-02-28	Tuesday	16:30	224°	+66°	0 dB	0°	224°	+66°	321°	+27°	5.8dB	500°K	400872 -125 Hz
2023-02-28	Tuesday	17:00	236°	+62°	0 dB	0°	236°	+62°	329°	+27°	5.8dB	500°K	400942 -157 Hz
2023-02-28	Tuesday	17:30	246°	+57°	0 dB	0°	246°	+57°	336°	+27°	5.8dB	500°K	401011 -187 Hz
2023-02-28	Tuesday	18:00	253°	+53°	0 dB	0°	253°	+53°	343°	+27°	5.8dB	500°K	401080 -214 Hz
2023-02-28	Tuesday	18:30	260°	+48°	0 dB	0°	260°	+48°	350°	+27°	5.8dB	500°K	401149 -238 Hz
2023-02-28	Tuesday	19:00	266°	+43°	0 dB	0°	266°	+43°	358°	+27°	5.8dB	500°K	401217 -259 Hz
2023-02-28	Tuesday	19:30	271°	+38°	0 dB	0°	271°	+38°	5°	+27°	5.8dB	500°K	401285 -276 Hz
2023-02-28	Tuesday	20:00	276°	+33°	0 dB	0°	276°	+33°	12°	+27°	5.9dB	500°K	401352 -290 Hz
2023-02-28	Tuesday	20:30	281°	+28°	0 dB	0°	281°	+28°	19°	+27°	5.9dB	500°K	401418 -298 Hz
2023-02-28	Tuesday	21:00	286°	+23°	0 dB	0°	286°	+23°	27°	+27°	5.9dB	500°K	401484 -303 Hz
2023-02-28	Tuesday	21:30	290°	+18°	0 dB	0°	290°	+18°	34°	+27°	5.9dB	500°K	401550 -303 Hz
2023-02-28	Tuesday	22:00	295°	+13°	0 dB	0°	295°	+13°	41°	+27°	5.9dB	500°K	401615 -299 Hz
2023-02-28	Tuesday	22:30	300°	+9°	0 dB	0°	300°	+9°	48°	+27°	5.9dB	500°K	401680 -291 Hz
2023-02-28	Tuesday	23:00	305°	+5°	0 dB	0°	305°	+5°	56°	+27°	5.9dB	500°K	401744 -279 Hz
2023-02-28	Tuesday	23:30	310°	+1°	0 dB	0°	310°	+1°	63°	+27°	5.9dB	500°K	401807 -263 Hz
2023-03-01	Wednesday	08:00	052°	+2°	0 dB	0°	052°	+2°	186°	+28°	5.6dB	465°K	402811 +207 Hz
2023-03-01	Wednesday	08:30	057°	+6°	0 dB	0°	057°	+6°	193°	+28°	5.6dB	462°K	402866 +222 Hz
2023-03-01	Wednesday	09:00	062°	+11°	0 dB	0°	062°	+11°	200°	+28°	5.6dB	459°K	402920 +232 Hz
2023-03-01	Wednesday	09:30	067°	+15°	0 dB	0°	067°	+15°	208°	+28°	5.6dB	455°K	402973 +239 Hz
2023-03-01	Wednesday	10:00	071°	+20°	0 dB	0°	071°	+20°	215°	+28°	5.5dB	452°K	403026 +241 Hz
2023-03-01	Wednesday	10:30	076°	+25°	0 dB	0°	076°	+25°	222°	+28°	5.5dB	449°K	403079 +239 Hz
2023-03-01	Wednesday	11:00	080°	+30°	0 dB	0°	080°	+30°	229°	+28°	5.5dB	446°K	403131 +232 Hz
2023-03-01	Wednesday	11:30	085°	+35°	0 dB	0°	085°	+35°	237°	+28°	5.5dB	442°K	403182 +222 Hz
2023-03-01	Wednesday	12:00	090°	+40°	0 dB	0°	090°	+40°	244°	+28°	5.4dB	439°K	403233 +207 Hz
2023-03-01	Wednesday	12:30	096°	+45°	0 dB	0°	096°	+45°	251°	+28°	5.4dB	436°K	403284 +189 Hz
2023-03-01	Wednesday	13:00	102°	+50°	0 dB	0°	102°	+50°	258°	+28°	5.4dB	433°K	403334 +166 Hz
2023-03-01	Wednesday	13:30	109°	+55°	0 dB	0°	109°	+55°	266°	+28°	5.4dB	429°K	403383 +141 Hz
2023-03-01	Wednesday	14:00	117°	+60°	0 dB	0°	117°	+60°	273°	+28°	5.3dB	426°K	403432 +113 Hz
2023-03-01	Wednesday	14:30	127°	+64°	0 dB	0°	127°	+64°	280°	+28°	5.3dB	423°K	403480 +82 Hz
2023-03-01	Wednesday	15:00	140°	+68°	0 dB	0°	140°	+68°	287°	+28°	5.3dB	420°K	403528 +50 Hz
2023-03-01	Wednesday	15:30	157°	+70°	0 dB	0°	157°	+70°	294°	+28°	5.2dB	416°K	403576 +16 Hz
2023-03-01	Wednesday	16:00	176°	+71°	0 dB	0°	176°	+71°	302°	+28°	5.2dB	413°K	403623 -19 Hz
2023-03-01	Wednesday	16:30	197°	+71°	0 dB	0°	197°	+71°	309°	+28°	5.2dB	411°K	403669 -54 Hz
2023-03-01	Wednesday	17:00	214°	+69°	0 dB	0°	214°	+69°	316°	+28°	5.2dB	410°K	403715 -88 Hz
2023-03-01	Wednesday	17:30	229°	+65°	0 dB	0°	229°	+65°	323°	+28°	5.2dB	408°K	403761 -121 Hz
2023-03-01	Wednesday	18:00	240°	+61°	0 dB	0°	240°	+61°	331°	+28°	5.2dB	406°K	403806 -152 Hz
2023-03-01	Wednesday	18:30	249°	+57°	0 dB	0°	249°	+57°	338°	+28°	5.2dB	405°K	403850 -181 Hz
2023-03-01	Wednesday	19:00	256°	+52°	0 dB	0°	256°	+52°	345°	+28°	5.1dB	403°K	403894 -208 Hz
2023-03-01	Wednesday	19:30	262°	+47°	0 dB	0°	262°	+47°	352°	+28°	5.1dB	402°K	403938 -231 Hz
2023-03-01	Wednesday	20:00	268°	+42°	0 dB	0°	268°	+42°	360°	+28°	5.1dB	400°K	403981 -251 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-01	Wednesday 20:30	273°	+36°	0 dB	0°	273°	+36°	7°	+28°	5.1dB	398°K	404023	-267 Hz
2023-03-01	Wednesday 21:00	278°	+31°	0 dB	0°	278°	+31°	14°	+28°	5.1dB	397°K	404065	-279 Hz
2023-03-01	Wednesday 21:30	283°	+26°	0 dB	0°	283°	+26°	21°	+28°	5.1dB	395°K	404107	-287 Hz
2023-03-01	Wednesday 22:00	287°	+22°	0 dB	0°	287°	+22°	29°	+28°	5.1dB	393°K	404147	-291 Hz
2023-03-01	Wednesday 22:30	292°	+17°	0 dB	0°	292°	+17°	36°	+28°	5.0dB	392°K	404188	-290 Hz
2023-03-01	Wednesday 23:00	296°	+12°	0 dB	0°	296°	+12°	43°	+28°	5.0dB	390°K	404228	-285 Hz
2023-03-01	Wednesday 23:30	301°	+8°	0 dB	0°	301°	+8°	50°	+28°	5.0dB	389°K	404267	-276 Hz
2023-03-02	Thursday 00:00	306°	+4°	0 dB	0°	306°	+4°	58°	+28°	5.0dB	387°K	404306	-263 Hz
2023-03-02	Thursday 00:30	311°	-0°	0 dB	0°	311°	-0°	65°	+28°	5.0dB	385°K	404345	-246 Hz
2023-03-02	Thursday 09:00	054°	+3°	0 dB	0°	054°	+3°	188°	+27°	4.7dB	352°K	404924	+224 Hz
2023-03-02	Thursday 09:30	059°	+7°	0 dB	0°	059°	+7°	195°	+27°	4.7dB	350°K	404954	+238 Hz
2023-03-02	Thursday 10:00	064°	+12°	0 dB	0°	064°	+12°	202°	+27°	4.6dB	348°K	404983	+247 Hz
2023-03-02	Thursday 10:30	068°	+16°	0 dB	0°	068°	+16°	210°	+27°	4.6dB	345°K	405012	+253 Hz
2023-03-02	Thursday 11:00	073°	+21°	0 dB	0°	073°	+21°	217°	+27°	4.6dB	343°K	405040	+254 Hz
2023-03-02	Thursday 11:30	077°	+26°	0 dB	0°	077°	+26°	224°	+27°	4.6dB	340°K	405068	+251 Hz
2023-03-02	Thursday 12:00	082°	+31°	0 dB	0°	082°	+31°	231°	+27°	4.5dB	338°K	405095	+243 Hz
2023-03-02	Thursday 12:30	087°	+36°	0 dB	0°	087°	+36°	239°	+27°	4.5dB	336°K	405122	+232 Hz
2023-03-02	Thursday 13:00	092°	+41°	0 dB	0°	092°	+41°	246°	+27°	4.5dB	333°K	405148	+216 Hz
2023-03-02	Thursday 13:30	098°	+46°	0 dB	0°	098°	+46°	253°	+27°	4.5dB	331°K	405174	+196 Hz
2023-03-02	Thursday 14:00	104°	+51°	0 dB	0°	104°	+51°	260°	+27°	4.4dB	328°K	405199	+173 Hz
2023-03-02	Thursday 14:30	112°	+56°	0 dB	0°	112°	+56°	268°	+27°	4.4dB	326°K	405224	+146 Hz
2023-03-02	Thursday 15:00	121°	+60°	0 dB	0°	121°	+60°	275°	+27°	4.4dB	324°K	405248	+117 Hz
2023-03-02	Thursday 15:30	132°	+64°	0 dB	0°	132°	+64°	282°	+27°	4.3dB	321°K	405272	+86 Hz
2023-03-02	Thursday 16:00	146°	+68°	0 dB	0°	146°	+68°	289°	+27°	4.3dB	319°K	405296	+52 Hz
2023-03-02	Thursday 16:30	163°	+70°	0 dB	0°	163°	+70°	297°	+27°	4.3dB	317°K	405319	+18 Hz
2023-03-02	Thursday 17:00	182°	+71°	0 dB	0°	182°	+71°	304°	+27°	4.3dB	314°K	405341	-17 Hz
2023-03-02	Thursday 17:30	201°	+70°	0 dB	0°	201°	+70°	311°	+27°	4.2dB	312°K	405363	-52 Hz
2023-03-02	Thursday 18:00	218°	+67°	0 dB	0°	218°	+67°	318°	+27°	4.2dB	309°K	405385	-86 Hz
2023-03-02	Thursday 18:30	231°	+63°	0 dB	0°	231°	+63°	326°	+27°	4.2dB	307°K	405406	-119 Hz
2023-03-02	Thursday 19:00	241°	+59°	0 dB	0°	241°	+59°	333°	+27°	4.2dB	305°K	405427	-150 Hz
2023-03-02	Thursday 19:30	250°	+54°	0 dB	0°	250°	+54°	340°	+27°	4.1dB	302°K	405447	-179 Hz
2023-03-02	Thursday 20:00	257°	+50°	0 dB	0°	257°	+50°	347°	+27°	4.1dB	299°K	405466	-205 Hz
2023-03-02	Thursday 20:30	263°	+44°	0 dB	0°	263°	+44°	355°	+27°	4.1dB	296°K	405486	-228 Hz
2023-03-02	Thursday 21:00	268°	+39°	0 dB	0°	268°	+39°	2°	+27°	4.0dB	293°K	405504	-247 Hz
2023-03-02	Thursday 21:30	274°	+34°	0 dB	0°	274°	+34°	9°	+27°	4.0dB	290°K	405523	-262 Hz
2023-03-02	Thursday 22:00	278°	+29°	0 dB	0°	278°	+29°	16°	+27°	4.0dB	288°K	405541	-273 Hz
2023-03-02	Thursday 22:30	283°	+24°	0 dB	0°	283°	+24°	24°	+27°	3.9dB	285°K	405558	-280 Hz
2023-03-02	Thursday 23:00	288°	+19°	0 dB	0°	288°	+19°	31°	+27°	3.9dB	282°K	405575	-282 Hz
2023-03-02	Thursday 23:30	292°	+15°	0 dB	0°	292°	+15°	38°	+26°	3.9dB	279°K	405591	-280 Hz
2023-03-03	Fri day 00:00	297°	+10°	0 dB	0°	297°	+10°	45°	+26°	3.8dB	276°K	405607	-274 Hz
2023-03-03	Fri day 00:30	302°	+5°	0 dB	0°	302°	+5°	53°	+26°	3.8dB	273°K	405623	-263 Hz
2023-03-03	Fri day 01:00	307°	+1°	0 dB	0°	307°	+1°	60°	+26°	3.8dB	271°K	405638	-249 Hz
2023-03-03	Fri day 10:00	057°	+3°	0 dB	0°	057°	+3°	190°	+26°	3.1dB	224°K	405833	+244 Hz
2023-03-03	Fri day 10:30	062°	+7°	0 dB	0°	062°	+7°	198°	+26°	3.1dB	223°K	405839	+257 Hz
2023-03-03	Fri day 11:00	066°	+12°	0 dB	0°	066°	+12°	205°	+26°	3.1dB	222°K	405845	+265 Hz
2023-03-03	Fri day 11:30	071°	+17°	0 dB	0°	071°	+17°	212°	+25°	3.1dB	221°K	405851	+269 Hz
2023-03-03	Fri day 12:00	076°	+21°	0 dB	0°	076°	+21°	219°	+25°	3.0dB	220°K	405856	+269 Hz
2023-03-03	Fri day 12:30	081°	+26°	0 dB	0°	081°	+26°	227°	+25°	3.0dB	219°K	405861	+264 Hz
2023-03-03	Fri day 13:00	086°	+31°	0 dB	0°	086°	+31°	234°	+25°	3.0dB	218°K	405866	+255 Hz
2023-03-03	Fri day 13:30	091°	+36°	0 dB	0°	091°	+36°	241°	+25°	3.0dB	217°K	405870	+242 Hz
2023-03-03	Fri day 14:00	096°	+41°	0 dB	0°	096°	+41°	248°	+25°	3.0dB	216°K	405873	+225 Hz
2023-03-03	Fri day 14:30	102°	+46°	0 dB	0°	102°	+46°	256°	+25°	3.0dB	215°K	405877	+203 Hz
2023-03-03	Fri day 15:00	109°	+51°	0 dB	0°	109°	+51°	263°	+25°	3.0dB	215°K	405879	+178 Hz
2023-03-03	Fri day 15:30	117°	+56°	0 dB	0°	117°	+56°	270°	+25°	2.9dB	214°K	405882	+150 Hz
2023-03-03	Fri day 16:00	127°	+60°	0 dB	0°	127°	+60°	277°	+25°	2.9dB	213°K	405884	+120 Hz
2023-03-03	Fri day 16:30	139°	+64°	0 dB	0°	139°	+64°	285°	+25°	2.9dB	212°K	405885	+87 Hz
2023-03-03	Fri day 17:00	153°	+67°	0 dB	0°	153°	+67°	292°	+25°	2.9dB	211°K	405886	+53 Hz
2023-03-03	Fri day 17:30	170°	+68°	0 dB	0°	170°	+68°	299°	+25°	2.9dB	210°K	405887	+17 Hz
2023-03-03	Fri day 18:00	189°	+68°	0 dB	0°	189°	+68°	306°	+25°	2.9dB	209°K	405887	-18 Hz
2023-03-03	Fri day 18:30	206°	+67°	0 dB	0°	206°	+67°	314°	+25°	2.8dB	208°K	405887	-54 Hz
2023-03-03	Fri day 19:00	220°	+64°	0 dB	0°	220°	+64°	321°	+25°	2.8dB	207°K	405886	-88 Hz
2023-03-03	Fri day 19:30	232°	+60°	0 dB	0°	232°	+60°	328°	+25°	2.8dB	206°K	405885	-122 Hz
2023-03-03	Fri day 20:00	242°	+56°	0 dB	0°	242°	+56°	335°	+25°	2.8dB	205°K	405884	-153 Hz
2023-03-03	Fri day 20:30	250°	+51°	0 dB	0°	250°	+51°	343°	+25°	2.8dB	204°K	405882	-181 Hz
2023-03-03	Fri day 21:00	257°	+46°	0 dB	0°	257°	+46°	350°	+24°	2.8dB	203°K	405880	-207 Hz
2023-03-03	Fri day 21:30	263°	+41°	0 dB	0°	263°	+41°	357°	+24°	2.8dB	203°K	405877	-229 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-03-03	Fri day	22:00	268°	+36°	0 dB	0°	268°	+36°	5°	+24°	2.7dB	202°K	405874	-247 Hz
2023-03-03	Fri day	22:30	273°	+31°	0 dB	0°	273°	+31°	12°	+24°	2.7dB	201°K	405870	-261 Hz
2023-03-03	Fri day	23:00	278°	+26°	0 dB	0°	278°	+26°	19°	+24°	2.7dB	200°K	405867	-271 Hz
2023-03-03	Fri day	23:30	283°	+21°	0 dB	0°	283°	+21°	26°	+24°	2.7dB	199°K	405862	-276 Hz
2023-03-04	Saturday	00:00	288°	+16°	0 dB	0°	288°	+16°	34°	+24°	2.7dB	198°K	405858	-277 Hz
2023-03-04	Saturday	00:30	292°	+11°	0 dB	0°	292°	+11°	41°	+24°	2.7dB	197°K	405852	-273 Hz
2023-03-04	Saturday	01:00	297°	+6°	0 dB	0°	297°	+6°	48°	+24°	2.6dB	196°K	405847	-265 Hz
2023-03-04	Saturday	01:30	302°	+2°	0 dB	0°	302°	+2°	55°	+24°	2.6dB	195°K	405841	-253 Hz
2023-03-04	Saturday	11:00	060°	+3°	0 dB	0°	060°	+3°	193°	+23°	2.3dB	178°K	405656	+265 Hz
2023-03-04	Saturday	11:30	066°	+7°	0 dB	0°	066°	+7°	201°	+23°	2.3dB	177°K	405642	+276 Hz
2023-03-04	Saturday	12:00	070°	+12°	0 dB	0°	070°	+12°	208°	+23°	2.3dB	176°K	405629	+283 Hz
2023-03-04	Saturday	12:30	075°	+17°	0 dB	0°	075°	+17°	215°	+22°	2.3dB	175°K	405614	+286 Hz
2023-03-04	Saturday	13:00	080°	+21°	0 dB	0°	080°	+21°	222°	+22°	2.3dB	175°K	405600	+284 Hz
2023-03-04	Saturday	13:30	085°	+26°	0 dB	0°	085°	+26°	230°	+22°	2.2dB	174°K	405585	+277 Hz
2023-03-04	Saturday	14:00	090°	+31°	0 dB	0°	090°	+31°	237°	+22°	2.2dB	174°K	405569	+266 Hz
2023-03-04	Saturday	14:30	096°	+36°	0 dB	0°	096°	+36°	244°	+22°	2.2dB	174°K	405554	+251 Hz
2023-03-04	Saturday	15:00	102°	+41°	0 dB	0°	102°	+41°	251°	+22°	2.2dB	174°K	405538	+231 Hz
2023-03-04	Saturday	15:30	108°	+46°	0 dB	0°	108°	+46°	259°	+22°	2.3dB	175°K	405521	+208 Hz
2023-03-04	Saturday	16:00	116°	+51°	0 dB	0°	116°	+51°	266°	+22°	2.3dB	175°K	405504	+181 Hz
2023-03-04	Saturday	16:30	125°	+55°	0 dB	0°	125°	+55°	273°	+22°	2.3dB	175°K	405487	+151 Hz
2023-03-04	Saturday	17:00	135°	+59°	0 dB	0°	135°	+59°	280°	+22°	2.3dB	175°K	405470	+119 Hz
2023-03-04	Saturday	17:30	148°	+62°	0 dB	0°	148°	+62°	288°	+22°	2.3dB	176°K	405452	+84 Hz
2023-03-04	Saturday	18:00	162°	+64°	0 dB	0°	162°	+64°	295°	+22°	2.3dB	176°K	405434	+48 Hz
2023-03-04	Saturday	18:30	178°	+65°	0 dB	0°	178°	+65°	302°	+22°	2.3dB	176°K	405415	+12 Hz
2023-03-04	Saturday	19:00	195°	+65°	0 dB	0°	195°	+65°	310°	+22°	2.3dB	177°K	405396	-25 Hz
2023-03-04	Saturday	19:30	209°	+63°	0 dB	0°	209°	+63°	317°	+21°	2.3dB	177°K	405377	-61 Hz
2023-03-04	Saturday	20:00	222°	+60°	0 dB	0°	222°	+60°	324°	+21°	2.3dB	177°K	405357	-96 Hz
2023-03-04	Saturday	20:30	233°	+56°	0 dB	0°	233°	+56°	331°	+21°	2.3dB	178°K	405337	-129 Hz
2023-03-04	Saturday	21:00	242°	+51°	0 dB	0°	242°	+51°	339°	+21°	2.3dB	178°K	405317	-160 Hz
2023-03-04	Saturday	21:30	249°	+47°	0 dB	0°	249°	+47°	346°	+21°	2.3dB	178°K	405297	-188 Hz
2023-03-04	Saturday	22:00	256°	+42°	0 dB	0°	256°	+42°	353°	+21°	2.3dB	178°K	405276	-213 Hz
2023-03-04	Saturday	22:30	262°	+37°	0 dB	0°	262°	+37°	0°	+21°	2.3dB	179°K	405254	-234 Hz
2023-03-04	Saturday	23:00	267°	+32°	0 dB	0°	267°	+32°	8°	+21°	2.3dB	179°K	405233	-251 Hz
2023-03-04	Saturday	23:30	273°	+26°	0 dB	0°	273°	+26°	15°	+21°	2.3dB	179°K	405211	-263 Hz
2023-03-05	Sunday	00:00	277°	+21°	0 dB	0°	277°	+21°	22°	+21°	2.3dB	180°K	405189	-272 Hz
2023-03-05	Sunday	00:30	282°	+16°	0 dB	0°	282°	+16°	30°	+21°	2.3dB	180°K	405166	-275 Hz
2023-03-05	Sunday	01:00	287°	+11°	0 dB	0°	287°	+11°	37°	+21°	2.3dB	180°K	405143	-274 Hz
2023-03-05	Sunday	01:30	292°	+6°	0 dB	0°	292°	+6°	44°	+21°	2.3dB	180°K	405120	-268 Hz
2023-03-05	Sunday	02:00	297°	+2°	0 dB	0°	297°	+2°	51°	+20°	2.4dB	181°K	405096	-258 Hz
2023-03-05	Sunday	12:00	066°	+2°	0 dB	0°	066°	+2°	197°	+19°	2.4dB	184°K	404557	+286 Hz
2023-03-05	Sunday	12:30	071°	+6°	0 dB	0°	071°	+6°	204°	+19°	2.4dB	184°K	404527	+295 Hz
2023-03-05	Sunday	13:00	076°	+11°	0 dB	0°	076°	+11°	211°	+19°	2.4dB	185°K	404497	+300 Hz
2023-03-05	Sunday	13:30	081°	+16°	0 dB	0°	081°	+16°	219°	+18°	2.4dB	185°K	404466	+300 Hz
2023-03-05	Sunday	14:00	086°	+21°	0 dB	0°	086°	+21°	226°	+18°	2.4dB	185°K	404435	+296 Hz
2023-03-05	Sunday	14:30	091°	+26°	0 dB	0°	091°	+26°	233°	+18°	2.4dB	185°K	404404	+287 Hz
2023-03-05	Sunday	15:00	097°	+31°	0 dB	0°	097°	+31°	240°	+18°	2.4dB	185°K	404372	+273 Hz
2023-03-05	Sunday	15:30	103°	+36°	0 dB	0°	103°	+36°	248°	+18°	2.4dB	185°K	404340	+255 Hz
2023-03-05	Sunday	16:00	109°	+41°	0 dB	0°	109°	+41°	255°	+18°	2.4dB	185°K	404308	+233 Hz
2023-03-05	Sunday	16:30	116°	+46°	0 dB	0°	116°	+46°	262°	+18°	2.4dB	186°K	404276	+207 Hz
2023-03-05	Sunday	17:00	124°	+50°	0 dB	0°	124°	+50°	270°	+18°	2.4dB	186°K	404243	+178 Hz
2023-03-05	Sunday	17:30	134°	+54°	0 dB	0°	134°	+54°	277°	+18°	2.4dB	186°K	404210	+146 Hz
2023-03-05	Sunday	18:00	145°	+57°	0 dB	0°	145°	+57°	284°	+18°	2.4dB	186°K	404177	+112 Hz
2023-03-05	Sunday	18:30	157°	+60°	0 dB	0°	157°	+60°	291°	+18°	2.4dB	186°K	404143	+75 Hz
2023-03-05	Sunday	19:00	171°	+61°	0 dB	0°	171°	+61°	299°	+17°	2.4dB	186°K	404109	+38 Hz
2023-03-05	Sunday	19:30	186°	+61°	0 dB	0°	186°	+61°	306°	+17°	2.4dB	186°K	404075	0 Hz
2023-03-05	Sunday	20:00	200°	+60°	0 dB	0°	200°	+60°	313°	+17°	2.4dB	187°K	404040	-37 Hz
2023-03-05	Sunday	20:30	213°	+57°	0 dB	0°	213°	+57°	320°	+17°	2.4dB	187°K	404006	-74 Hz
2023-03-05	Sunday	21:00	224°	+54°	0 dB	0°	224°	+54°	328°	+17°	2.4dB	187°K	403971	-109 Hz
2023-03-05	Sunday	21:30	233°	+50°	0 dB	0°	233°	+50°	335°	+17°	2.4dB	188°K	403936	-142 Hz
2023-03-05	Sunday	22:00	241°	+46°	0 dB	0°	241°	+46°	342°	+17°	2.4dB	188°K	403900	-173 Hz
2023-03-05	Sunday	22:30	249°	+41°	0 dB	0°	249°	+41°	350°	+17°	2.4dB	188°K	403864	-200 Hz
2023-03-05	Sunday	23:00	255°	+36°	0 dB	0°	255°	+36°	357°	+17°	2.4dB	188°K	403828	-223 Hz
2023-03-05	Sunday	23:30	261°	+31°	0 dB	0°	261°	+31°	4°	+17°	2.4dB	189°K	403792	-243 Hz
2023-03-06	Monday	00:00	266°	+26°	0 dB	0°	266°	+26°	11°	+17°	2.4dB	189°K	403755	-258 Hz
2023-03-06	Monday	00:30	272°	+21°	0 dB	0°	272°	+21°	19°	+16°	2.4dB	189°K	403718	-268 Hz
2023-03-06	Monday	01:00	277°	+16°	0 dB	0°	277°	+16°	26°	+16°	2.4dB	189°K	403681	-274 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-06	Monday	01:30	282°	+11°	0 dB	0°	282°	+11°	33°	+16°	2.4dB	190°K	403644 -275 Hz
2023-03-06	Monday	02:00	287°	+6°	0 dB	0°	287°	+6°	41°	+16°	2.4dB	190°K	403606 -272 Hz
2023-03-06	Monday	02:30	292°	+1°	0 dB	0°	292°	+1°	48°	+16°	2.4dB	190°K	403568 -263 Hz
2023-03-06	Monday	13:00	072°	+1°	0 dB	0°	072°	+1°	201°	+14°	2.5dB	196°K	402716 +304 Hz
2023-03-06	Monday	13:30	077°	+6°	0 dB	0°	077°	+6°	208°	+14°	2.5dB	196°K	402672 +311 Hz
2023-03-06	Monday	14:00	082°	+11°	0 dB	0°	082°	+11°	215°	+14°	2.5dB	197°K	402629 +313 Hz
2023-03-06	Monday	14:30	087°	+16°	0 dB	0°	087°	+16°	223°	+14°	2.5dB	197°K	402585 +311 Hz
2023-03-06	Monday	15:00	093°	+21°	0 dB	0°	093°	+21°	230°	+14°	2.5dB	197°K	402541 +304 Hz
2023-03-06	Monday	15:30	098°	+26°	0 dB	0°	098°	+26°	237°	+13°	2.5dB	197°K	402497 +292 Hz
2023-03-06	Monday	16:00	104°	+30°	0 dB	0°	104°	+30°	245°	+13°	2.5dB	198°K	402453 +275 Hz
2023-03-06	Monday	16:30	110°	+35°	0 dB	0°	110°	+35°	252°	+13°	2.5dB	198°K	402408 +255 Hz
2023-03-06	Monday	17:00	117°	+40°	0 dB	0°	117°	+40°	259°	+13°	2.5dB	198°K	402363 +230 Hz
2023-03-06	Monday	17:30	125°	+44°	0 dB	0°	125°	+44°	266°	+13°	2.5dB	199°K	402318 +201 Hz
2023-03-06	Monday	18:00	134°	+48°	0 dB	0°	134°	+48°	274°	+13°	2.5dB	199°K	402273 +169 Hz
2023-03-06	Monday	18:30	144°	+51°	0 dB	0°	144°	+51°	281°	+13°	2.5dB	199°K	402228 +135 Hz
2023-03-06	Monday	19:00	155°	+54°	0 dB	0°	155°	+54°	288°	+13°	2.5dB	199°K	402182 +99 Hz
2023-03-06	Monday	19:30	167°	+55°	0 dB	0°	167°	+55°	296°	+13°	2.6dB	200°K	402136 +61 Hz
2023-03-06	Monday	20:00	180°	+56°	0 dB	0°	180°	+56°	303°	+12°	2.6dB	200°K	402090 +22 Hz
2023-03-06	Monday	20:30	192°	+55°	0 dB	0°	192°	+55°	310°	+12°	2.6dB	200°K	402044 -17 Hz
2023-03-06	Monday	21:00	204°	+54°	0 dB	0°	204°	+54°	317°	+12°	2.5dB	200°K	401997 -55 Hz
2023-03-06	Monday	21:30	215°	+51°	0 dB	0°	215°	+51°	325°	+12°	2.6dB	201°K	401951 -91 Hz
2023-03-06	Monday	22:00	225°	+48°	0 dB	0°	225°	+48°	332°	+12°	2.6dB	201°K	401904 -126 Hz
2023-03-06	Monday	22:30	234°	+44°	0 dB	0°	234°	+44°	339°	+12°	2.6dB	201°K	401856 -158 Hz
2023-03-06	Monday	23:00	241°	+39°	0 dB	0°	241°	+39°	347°	+12°	2.6dB	202°K	401809 -188 Hz
2023-03-06	Monday	23:30	248°	+34°	0 dB	0°	248°	+34°	354°	+12°	2.6dB	202°K	401762 -213 Hz
2023-03-07	Tuesday	00:00	254°	+29°	0 dB	0°	254°	+29°	1°	+12°	2.6dB	202°K	401714 -235 Hz
2023-03-07	Tuesday	00:30	260°	+24°	0 dB	0°	260°	+24°	8°	+11°	2.6dB	202°K	401666 -252 Hz
2023-03-07	Tuesday	01:00	266°	+19°	0 dB	0°	266°	+19°	16°	+11°	2.6dB	203°K	401618 -265 Hz
2023-03-07	Tuesday	01:30	271°	+14°	0 dB	0°	271°	+14°	23°	+11°	2.6dB	203°K	401569 -273 Hz
2023-03-07	Tuesday	02:00	276°	+9°	0 dB	0°	276°	+9°	30°	+11°	2.6dB	203°K	401521 -276 Hz
2023-03-07	Tuesday	02:30	281°	+4°	0 dB	0°	281°	+4°	38°	+11°	2.6dB	203°K	401472 -274 Hz
2023-03-07	Tuesday	14:00	079°	-0°	0 dB	0°	079°	-0°	205°	+8°	2.6dB	210°K	400298 +318 Hz
2023-03-07	Tuesday	14:30	084°	+5°	0 dB	0°	084°	+5°	212°	+8°	2.6dB	210°K	400245 +323 Hz
2023-03-07	Tuesday	15:00	089°	+10°	0 dB	0°	089°	+10°	220°	+8°	2.6dB	210°K	400191 +322 Hz
2023-03-07	Tuesday	15:30	094°	+15°	0 dB	0°	094°	+15°	227°	+8°	2.6dB	210°K	400138 +317 Hz
2023-03-07	Tuesday	16:00	100°	+20°	0 dB	0°	100°	+20°	234°	+8°	2.6dB	211°K	400084 +306 Hz
2023-03-07	Tuesday	16:30	106°	+25°	0 dB	0°	106°	+25°	242°	+8°	2.6dB	211°K	400030 +291 Hz
2023-03-07	Tuesday	17:00	112°	+29°	0 dB	0°	112°	+29°	249°	+8°	2.6dB	211°K	399976 +272 Hz
2023-03-07	Tuesday	17:30	119°	+34°	0 dB	0°	119°	+34°	256°	+8°	2.6dB	211°K	399922 +248 Hz
2023-03-07	Tuesday	18:00	126°	+38°	0 dB	0°	126°	+38°	264°	+8°	2.7dB	212°K	399867 +220 Hz
2023-03-07	Tuesday	18:30	134°	+42°	0 dB	0°	134°	+42°	271°	+7°	2.6dB	212°K	399813 +189 Hz
2023-03-07	Tuesday	19:00	143°	+45°	0 dB	0°	143°	+45°	278°	+7°	2.6dB	212°K	399758 +155 Hz
2023-03-07	Tuesday	19:30	153°	+48°	0 dB	0°	153°	+48°	285°	+7°	2.6dB	212°K	399703 +118 Hz
2023-03-07	Tuesday	20:00	164°	+50°	0 dB	0°	164°	+50°	293°	+7°	2.7dB	213°K	399648 +80 Hz
2023-03-07	Tuesday	20:30	175°	+50°	0 dB	0°	175°	+50°	300°	+7°	2.7dB	215°K	399593 +41 Hz
2023-03-07	Tuesday	21:00	187°	+50°	0 dB	0°	187°	+50°	307°	+7°	2.7dB	216°K	399537 +2 Hz
2023-03-07	Tuesday	21:30	198°	+49°	0 dB	0°	198°	+49°	315°	+7°	2.7dB	218°K	399482 -37 Hz
2023-03-07	Tuesday	22:00	208°	+47°	0 dB	0°	208°	+47°	322°	+7°	2.7dB	219°K	399426 -75 Hz
2023-03-07	Tuesday	22:30	218°	+44°	0 dB	0°	218°	+44°	329°	+7°	2.8dB	221°K	399370 -111 Hz
2023-03-07	Tuesday	23:00	227°	+40°	0 dB	0°	227°	+40°	336°	+6°	2.8dB	222°K	399314 -145 Hz
2023-03-07	Tuesday	23:30	234°	+36°	0 dB	0°	234°	+36°	344°	+6°	2.8dB	223°K	399258 -176 Hz
2023-03-08	Wednesday	00:00	241°	+32°	0 dB	0°	241°	+32°	351°	+6°	2.8dB	225°K	399202 -203 Hz
2023-03-08	Wednesday	00:30	248°	+27°	0 dB	0°	248°	+27°	358°	+6°	2.8dB	226°K	399145 -226 Hz
2023-03-08	Wednesday	01:00	254°	+22°	0 dB	0°	254°	+22°	6°	+6°	2.9dB	228°K	399088 -245 Hz
2023-03-08	Wednesday	01:30	259°	+17°	0 dB	0°	259°	+17°	13°	+6°	2.9dB	229°K	399032 -260 Hz
2023-03-08	Wednesday	02:00	265°	+12°	0 dB	0°	265°	+12°	20°	+6°	2.9dB	231°K	398975 -270 Hz
2023-03-08	Wednesday	02:30	270°	+7°	0 dB	0°	270°	+7°	27°	+6°	2.9dB	232°K	398917 -274 Hz
2023-03-08	Wednesday	03:00	275°	+2°	0 dB	0°	275°	+2°	35°	+5°	2.9dB	234°K	398860 -274 Hz
2023-03-08	Wednesday	15:00	091°	+4°	0 dB	0°	091°	+4°	217°	+3°	3.4dB	271°K	397380 +328 Hz
2023-03-08	Wednesday	16:00	097°	+9°	0 dB	0°	097°	+9°	224°	+2°	3.4dB	273°K	397319 +325 Hz
2023-03-08	Wednesday	16:30	102°	+14°	0 dB	0°	102°	+14°	232°	+2°	3.4dB	274°K	397258 +316 Hz
2023-03-08	Wednesday	17:00	108°	+18°	0 dB	0°	108°	+18°	239°	+2°	3.5dB	276°K	397197 +302 Hz
2023-03-08	Wednesday	17:30	114°	+23°	0 dB	0°	114°	+23°	246°	+2°	3.5dB	277°K	397135 +284 Hz
2023-03-08	Wednesday	18:00	120°	+28°	0 dB	0°	120°	+28°	254°	+2°	3.5dB	279°K	397074 +262 Hz
2023-03-08	Wednesday	18:30	127°	+32°	0 dB	0°	127°	+32°	261°	+2°	3.5dB	281°K	397012 +235 Hz
2023-03-08	Wednesday	19:00	135°	+35°	0 dB	0°	135°	+35°	268°	+2°	3.5dB	282°K	396950 +205 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-03-08	Wednesday	19:30	143°	+39°	0 dB	0°	143°	+39°	275°	+2°	3.5dB	284°K	396888	+172 Hz
2023-03-08	Wednesday	20:00	152°	+41°	0 dB	0°	152°	+41°	283°	+1°	3.6dB	285°K	396826	+136 Hz
2023-03-08	Wednesday	20:30	162°	+43°	0 dB	0°	162°	+43°	290°	+1°	3.6dB	287°K	396764	+98 Hz
2023-03-08	Wednesday	21:00	172°	+44°	0 dB	0°	172°	+44°	297°	+1°	3.6dB	288°K	396702	+59 Hz
2023-03-08	Wednesday	21:30	182°	+44°	0 dB	0°	182°	+44°	305°	+1°	3.6dB	290°K	396639	+20 Hz
2023-03-08	Wednesday	22:00	192°	+44°	0 dB	0°	192°	+44°	312°	+1°	3.6dB	292°K	396577	-20 Hz
2023-03-08	Wednesday	22:30	202°	+42°	0 dB	0°	202°	+42°	319°	+1°	3.6dB	293°K	396514	-58 Hz
2023-03-08	Wednesday	23:00	211°	+40°	0 dB	0°	211°	+40°	326°	+1°	3.7dB	295°K	396451	-95 Hz
2023-03-08	Wednesday	23:30	220°	+36°	0 dB	0°	220°	+36°	334°	+1°	3.7dB	296°K	396388	-130 Hz
2023-03-09	Thursday	00:00	228°	+33°	0 dB	0°	228°	+33°	341°	+0°	3.7dB	298°K	396325	-162 Hz
2023-03-09	Thursday	00:30	235°	+29°	0 dB	0°	235°	+29°	348°	+0°	3.7dB	300°K	396262	-191 Hz
2023-03-09	Thursday	01:00	241°	+24°	0 dB	0°	241°	+24°	356°	+0°	3.7dB	301°K	396199	-215 Hz
2023-03-09	Thursday	01:30	247°	+20°	0 dB	0°	247°	+20°	3°	+0°	3.7dB	303°K	396135	-236 Hz
2023-03-09	Thursday	02:00	253°	+15°	0 dB	0°	253°	+15°	10°	-0°	3.8dB	304°K	396071	-252 Hz
2023-03-09	Thursday	02:30	259°	+10°	0 dB	0°	259°	+10°	17°	-0°	3.8dB	306°K	396008	-264 Hz
2023-03-09	Thursday	03:00	264°	+5°	0 dB	0°	264°	+5°	25°	-0°	3.8dB	308°K	395944	-270 Hz
2023-03-09	Thursday	16:30	099°	+2°	0 dB	0°	099°	+2°	222°	-4°	3.8dB	313°K	394175	+328 Hz
2023-03-09	Thursday	17:00	104°	+7°	0 dB	0°	104°	+7°	229°	-4°	3.8dB	313°K	394108	+321 Hz
2023-03-09	Thursday	17:30	110°	+12°	0 dB	0°	110°	+12°	236°	-4°	3.8dB	313°K	394040	+309 Hz
2023-03-09	Thursday	18:00	116°	+17°	0 dB	0°	116°	+17°	243°	-4°	3.8dB	313°K	393973	+293 Hz
2023-03-09	Thursday	18:30	122°	+21°	0 dB	0°	122°	+21°	251°	-4°	3.8dB	313°K	393905	+272 Hz
2023-03-09	Thursday	19:00	128°	+25°	0 dB	0°	128°	+25°	258°	-4°	3.8dB	313°K	393838	+247 Hz
2023-03-09	Thursday	19:30	135°	+29°	0 dB	0°	135°	+29°	265°	-4°	3.8dB	313°K	393770	+218 Hz
2023-03-09	Thursday	20:00	143°	+32°	0 dB	0°	143°	+32°	273°	-4°	3.8dB	313°K	393702	+186 Hz
2023-03-09	Thursday	20:30	151°	+35°	0 dB	0°	151°	+35°	280°	-5°	3.8dB	313°K	393634	+152 Hz
2023-03-09	Thursday	21:00	160°	+37°	0 dB	0°	160°	+37°	287°	-5°	3.7dB	313°K	393566	+115 Hz
2023-03-09	Thursday	21:30	169°	+38°	0 dB	0°	169°	+38°	294°	-5°	3.7dB	312°K	393498	+76 Hz
2023-03-09	Thursday	22:00	178°	+38°	0 dB	0°	178°	+38°	302°	-5°	3.7dB	312°K	393430	+37 Hz
2023-03-09	Thursday	22:30	188°	+38°	0 dB	0°	188°	+38°	309°	-5°	3.7dB	312°K	393362	-2 Hz
2023-03-09	Thursday	23:00	197°	+37°	0 dB	0°	197°	+37°	316°	-5°	3.7dB	311°K	393293	-40 Hz
2023-03-09	Thursday	23:30	206°	+35°	0 dB	0°	206°	+35°	324°	-5°	3.7dB	311°K	393225	-78 Hz
2023-03-10	Fri day	00:00	214°	+32°	0 dB	0°	214°	+32°	331°	-5°	3.7dB	311°K	393156	-113 Hz
2023-03-10	Fri day	00:30	221°	+29°	0 dB	0°	221°	+29°	338°	-5°	3.7dB	311°K	393087	-146 Hz
2023-03-10	Fri day	01:00	228°	+25°	0 dB	0°	228°	+25°	345°	-6°	3.7dB	310°K	393018	-175 Hz
2023-03-10	Fri day	01:30	235°	+21°	0 dB	0°	235°	+21°	353°	-6°	3.7dB	310°K	392949	-201 Hz
2023-03-10	Fri day	02:00	241°	+17°	0 dB	0°	241°	+17°	0°	-6°	3.7dB	310°K	392880	-223 Hz
2023-03-10	Fri day	02:30	247°	+12°	0 dB	0°	247°	+12°	7°	-6°	3.7dB	310°K	392811	-241 Hz
2023-03-10	Fri day	03:00	252°	+7°	0 dB	0°	252°	+7°	15°	-6°	3.7dB	309°K	392741	-254 Hz
2023-03-10	Fri day	03:30	258°	+2°	0 dB	0°	258°	+2°	22°	-6°	3.7dB	309°K	392672	-262 Hz
2023-03-10	Fri day	17:30	106°	+1°	0 dB	0°	106°	+1°	226°	-10°	3.6dB	311°K	390685	+323 Hz
2023-03-10	Fri day	18:00	111°	+6°	0 dB	0°	111°	+6°	233°	-10°	3.6dB	311°K	390612	+313 Hz
2023-03-10	Fri day	18:30	117°	+10°	0 dB	0°	117°	+10°	240°	-10°	3.6dB	312°K	390540	+299 Hz
2023-03-10	Fri day	19:00	123°	+14°	0 dB	0°	123°	+14°	248°	-10°	3.6dB	313°K	390467	+280 Hz
2023-03-10	Fri day	19:30	129°	+19°	0 dB	0°	129°	+19°	255°	-10°	3.6dB	314°K	390394	+257 Hz
2023-03-10	Fri day	20:00	136°	+22°	0 dB	0°	136°	+22°	262°	-10°	3.6dB	314°K	390321	+230 Hz
2023-03-10	Fri day	20:30	143°	+25°	0 dB	0°	143°	+25°	269°	-10°	3.6dB	315°K	390248	+200 Hz
2023-03-10	Fri day	21:00	150°	+28°	0 dB	0°	150°	+28°	277°	-10°	3.6dB	316°K	390175	+167 Hz
2023-03-10	Fri day	21:30	158°	+30°	0 dB	0°	158°	+30°	284°	-10°	3.6dB	316°K	390102	+132 Hz
2023-03-10	Fri day	22:00	166°	+32°	0 dB	0°	166°	+32°	291°	-11°	3.6dB	317°K	390029	+95 Hz
2023-03-10	Fri day	22:30	175°	+32°	0 dB	0°	175°	+32°	299°	-11°	3.6dB	318°K	389956	+57 Hz
2023-03-10	Fri day	23:00	183°	+32°	0 dB	0°	183°	+32°	306°	-11°	3.7dB	319°K	389882	+18 Hz
2023-03-10	Fri day	23:30	192°	+32°	0 dB	0°	192°	+32°	313°	-11°	3.7dB	319°K	389809	-20 Hz
2023-03-11	Saturday	00:00	200°	+30°	0 dB	0°	200°	+30°	320°	-11°	3.7dB	320°K	389735	-57 Hz
2023-03-11	Saturday	00:30	208°	+28°	0 dB	0°	208°	+28°	328°	-11°	3.7dB	321°K	389661	-92 Hz
2023-03-11	Saturday	01:00	215°	+25°	0 dB	0°	215°	+25°	335°	-11°	3.7dB	321°K	389587	-125 Hz
2023-03-11	Saturday	01:30	222°	+22°	0 dB	0°	222°	+22°	342°	-11°	3.7dB	322°K	389513	-156 Hz
2023-03-11	Saturday	02:00	229°	+18°	0 dB	0°	229°	+18°	349°	-12°	3.7dB	323°K	389439	-183 Hz
2023-03-11	Saturday	02:30	235°	+14°	0 dB	0°	235°	+14°	357°	-12°	3.7dB	324°K	389365	-206 Hz
2023-03-11	Saturday	03:00	241°	+10°	0 dB	0°	241°	+10°	4°	-12°	3.7dB	324°K	389291	-225 Hz
2023-03-11	Saturday	03:30	246°	+5°	0 dB	0°	246°	+5°	11°	-12°	3.7dB	325°K	389217	-240 Hz
2023-03-11	Saturday	04:00	251°	+0°	0 dB	0°	251°	+0°	19°	-12°	3.7dB	326°K	389142	-250 Hz
2023-03-11	Saturday	19:00	118°	+4°	0 dB	0°	118°	+4°	237°	-15°	4.0dB	361°K	386865	+302 Hz
2023-03-11	Saturday	19:30	123°	+8°	0 dB	0°	123°	+8°	244°	-15°	4.0dB	362°K	386788	+286 Hz
2023-03-11	Saturday	20:00	129°	+12°	0 dB	0°	129°	+12°	251°	-16°	4.0dB	363°K	386710	+266 Hz
2023-03-11	Saturday	20:30	135°	+16°	0 dB	0°	135°	+16°	258°	-16°	4.0dB	364°K	386633	+241 Hz
2023-03-11	Saturday	21:00	142°	+19°	0 dB	0°	142°	+19°	266°	-16°	4.0dB	365°K	386555	+214 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-11	Saturday	21:30	149°	+22°	0 dB	0°	149°	+22°	273°	-16°	4.0dB	366°K	386478 +183 Hz
2023-03-11	Saturday	22:00	156°	+24°	0 dB	0°	156°	+24°	280°	-16°	4.0dB	367°K	386400 +150 Hz
2023-03-11	Saturday	22:30	163°	+26°	0 dB	0°	163°	+26°	287°	-16°	4.0dB	368°K	386322 +115 Hz
2023-03-11	Saturday	23:00	171°	+27°	0 dB	0°	171°	+27°	295°	-16°	4.0dB	369°K	386244 +78 Hz
2023-03-11	Saturday	23:30	179°	+27°	0 dB	0°	179°	+27°	302°	-16°	4.0dB	370°K	386166 +41 Hz
2023-03-12	Sunday	00:00	187°	+27°	0 dB	0°	187°	+27°	309°	-16°	4.0dB	371°K	386088 +4 Hz
2023-03-12	Sunday	00:30	194°	+25°	0 dB	0°	194°	+25°	317°	-16°	4.0dB	372°K	386010 -32 Hz
2023-03-12	Sunday	01:00	202°	+24°	0 dB	0°	202°	+24°	324°	-17°	4.1dB	373°K	385931 -68 Hz
2023-03-12	Sunday	01:30	209°	+22°	0 dB	0°	209°	+22°	331°	-17°	4.1dB	374°K	385853 -101 Hz
2023-03-12	Sunday	02:00	216°	+19°	0 dB	0°	216°	+19°	338°	-17°	4.1dB	375°K	385775 -132 Hz
2023-03-12	Sunday	02:30	222°	+15°	0 dB	0°	222°	+15°	346°	-17°	4.1dB	377°K	385696 -160 Hz
2023-03-12	Sunday	03:00	228°	+12°	0 dB	0°	228°	+12°	353°	-17°	4.1dB	378°K	385617 -184 Hz
2023-03-12	Sunday	03:30	234°	+8°	0 dB	0°	234°	+8°	0°	-17°	4.1dB	379°K	385539 -205 Hz
2023-03-12	Sunday	04:00	240°	+3°	0 dB	0°	240°	+3°	7°	-17°	4.1dB	380°K	385460 -221 Hz
2023-03-12	Sunday	20:00	123°	+1°	0 dB	0°	123°	+1°	239°	-20°	4.3dB	412°K	382898 +291 Hz
2023-03-12	Sunday	20:30	128°	+5°	0 dB	0°	128°	+5°	247°	-20°	4.3dB	412°K	382816 +274 Hz
2023-03-12	Sunday	21:00	134°	+9°	0 dB	0°	134°	+9°	254°	-21°	4.3dB	413°K	382735 +253 Hz
2023-03-12	Sunday	21:30	140°	+12°	0 dB	0°	140°	+12°	261°	-21°	4.3dB	414°K	382654 +228 Hz
2023-03-12	Sunday	22:00	146°	+15°	0 dB	0°	146°	+15°	268°	-21°	4.3dB	415°K	382572 +200 Hz
2023-03-12	Sunday	22:30	153°	+18°	0 dB	0°	153°	+18°	276°	-21°	4.3dB	416°K	382491 +170 Hz
2023-03-12	Sunday	23:00	160°	+20°	0 dB	0°	160°	+20°	283°	-21°	4.3dB	418°K	382409 +137 Hz
2023-03-12	Sunday	23:30	167°	+21°	0 dB	0°	167°	+21°	290°	-21°	4.3dB	420°K	382327 +103 Hz
2023-03-13	Monday	00:00	174°	+22°	0 dB	0°	174°	+22°	297°	-21°	4.4dB	422°K	382246 +67 Hz
2023-03-13	Monday	00:30	182°	+22°	0 dB	0°	182°	+22°	304°	-21°	4.4dB	424°K	382164 +31 Hz
2023-03-13	Monday	01:00	189°	+21°	0 dB	0°	189°	+21°	312°	-21°	4.4dB	427°K	382082 -4 Hz
2023-03-13	Monday	01:30	196°	+20°	0 dB	0°	196°	+20°	319°	-21°	4.4dB	429°K	382000 -39 Hz
2023-03-13	Monday	02:00	203°	+18°	0 dB	0°	203°	+18°	326°	-21°	4.4dB	431°K	381918 -72 Hz
2023-03-13	Monday	02:30	210°	+16°	0 dB	0°	210°	+16°	333°	-21°	4.4dB	434°K	381836 -104 Hz
2023-03-13	Monday	03:00	216°	+13°	0 dB	0°	216°	+13°	341°	-22°	4.5dB	436°K	381754 -133 Hz
2023-03-13	Monday	03:30	222°	+10°	0 dB	0°	222°	+10°	348°	-22°	4.5dB	438°K	381672 -158 Hz
2023-03-13	Monday	04:00	228°	+6°	0 dB	0°	228°	+6°	355°	-22°	4.5dB	441°K	381590 -181 Hz
2023-03-13	Monday	04:30	233°	+3°	0 dB	0°	233°	+3°	2°	-22°	4.5dB	443°K	381508 -199 Hz
2023-03-13	Monday	21:30	132°	+3°	0 dB	0°	132°	+3°	248°	-24°	5.4dB	576°K	378688 +264 Hz
2023-03-13	Monday	22:00	137°	+6°	0 dB	0°	137°	+6°	255°	-24°	5.4dB	581°K	378605 +243 Hz
2023-03-13	Monday	22:30	143°	+10°	0 dB	0°	143°	+10°	263°	-25°	5.5dB	586°K	378521 +218 Hz
2023-03-13	Monday	23:00	149°	+12°	0 dB	0°	149°	+12°	270°	-25°	5.5dB	591°K	378438 +191 Hz
2023-03-13	Monday	23:30	156°	+15°	0 dB	0°	156°	+15°	277°	-25°	5.5dB	597°K	378354 +161 Hz
2023-03-14	Tuesday	00:00	162°	+16°	0 dB	0°	162°	+16°	284°	-25°	5.6dB	602°K	378271 +129 Hz
2023-03-14	Tuesday	00:30	169°	+17°	0 dB	0°	169°	+17°	291°	-25°	5.6dB	607°K	378187 +96 Hz
2023-03-14	Tuesday	01:00	176°	+18°	0 dB	0°	176°	+18°	299°	-25°	5.6dB	617°K	378104 +62 Hz
2023-03-14	Tuesday	01:30	183°	+18°	0 dB	0°	183°	+18°	306°	-25°	5.7dB	627°K	378020 +27 Hz
2023-03-14	Tuesday	02:00	190°	+17°	0 dB	0°	190°	+17°	313°	-25°	5.8dB	638°K	377937 -7 Hz
2023-03-14	Tuesday	02:30	196°	+16°	0 dB	0°	196°	+16°	320°	-25°	5.8dB	648°K	377853 -40 Hz
2023-03-14	Tuesday	03:00	203°	+15°	0 dB	0°	203°	+15°	328°	-25°	5.9dB	659°K	377770 -72 Hz
2023-03-14	Tuesday	03:30	209°	+12°	0 dB	0°	209°	+12°	335°	-25°	5.9dB	670°K	377686 -102 Hz
2023-03-14	Tuesday	04:00	215°	+10°	0 dB	0°	215°	+10°	342°	-25°	6.0dB	680°K	377603 -129 Hz
2023-03-14	Tuesday	04:30	221°	+6°	0 dB	0°	221°	+6°	349°	-25°	6.1dB	691°K	377519 -154 Hz
2023-03-14	Tuesday	05:00	227°	+3°	0 dB	0°	227°	+3°	356°	-25°	6.1dB	702°K	377436 -175 Hz
2023-03-14	Tuesday	22:30	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	9.0dB	1477°K	374529 +258 Hz
2023-03-14	Tuesday	23:00	139°	+4°	0 dB	0°	139°	+4°	256°	-27°	9.1dB	1508°K	374447 +237 Hz
2023-03-14	Tuesday	23:30	145°	+7°	0 dB	0°	145°	+7°	263°	-27°	9.2dB	1540°K	374365 +213 Hz
2023-03-15	Wednesday	00:00	151°	+10°	0 dB	0°	151°	+10°	270°	-27°	9.3dB	1572°K	374283 +187 Hz
2023-03-15	Wednesday	00:30	157°	+12°	0 dB	0°	157°	+12°	277°	-27°	9.4dB	1603°K	374201 +157 Hz
2023-03-15	Wednesday	01:00	163°	+14°	0 dB	0°	163°	+14°	285°	-27°	9.5dB	1669°K	374119 +126 Hz
2023-03-15	Wednesday	01:30	170°	+15°	0 dB	0°	170°	+15°	292°	-27°	9.7dB	1742°K	374037 +94 Hz
2023-03-15	Wednesday	02:00	176°	+16°	0 dB	0°	176°	+16°	299°	-27°	9.9dB	1815°K	373955 +60 Hz
2023-03-15	Wednesday	02:30	183°	+16°	0 dB	0°	183°	+16°	306°	-27°	10.0dB	1888°K	373874 +27 Hz
2023-03-15	Wednesday	03:00	190°	+15°	0 dB	0°	190°	+15°	313°	-27°	10.2dB	1961°K	373792 -7 Hz
2023-03-15	Wednesday	03:30	196°	+14°	0 dB	0°	196°	+14°	321°	-27°	10.3dB	2034°K	373711 -39 Hz
2023-03-15	Wednesday	04:00	203°	+12°	0 dB	0°	203°	+12°	328°	-27°	10.5dB	2107°K	373629 -70 Hz
2023-03-15	Wednesday	04:30	209°	+10°	0 dB	0°	209°	+10°	335°	-27°	10.6dB	2181°K	373548 -99 Hz
2023-03-15	Wednesday	05:00	215°	+7°	0 dB	0°	215°	+7°	342°	-27°	10.8dB	2254°K	373467 -126 Hz
2023-03-15	Wednesday	05:30	220°	+4°	0 dB	0°	220°	+4°	349°	-27°	10.9dB	2328°K	373386 -150 Hz
2023-03-15	Wednesday	06:00	226°	+1°	0 dB	0°	226°	+1°	357°	-27°	11.0dB	2401°K	373305 -170 Hz
2023-03-15	Wednesday	23:30	134°	+0°	0 dB	0°	134°	+0°	248°	-28°	10.3dB	2083°K	370550 +255 Hz
2023-03-16	Thursday	00:00	139°	+4°	0 dB	0°	139°	+4°	255°	-28°	10.2dB	2029°K	370474 +235 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-16	Thursday	00:30	145°	+7°	0 dB	0°	145°	+7°	263°	-28°	10.1dB	1975°K	370399 +211 Hz
2023-03-16	Thursday	01:00	151°	+9°	0 dB	0°	151°	+9°	270°	-28°	9.9dB	1921°K	370323 +185 Hz
2023-03-16	Thursday	01:30	157°	+12°	0 dB	0°	157°	+12°	277°	-28°	9.8dB	1867°K	370248 +157 Hz
2023-03-16	Thursday	02:00	163°	+13°	0 dB	0°	163°	+13°	284°	-28°	9.7dB	1813°K	370173 +126 Hz
2023-03-16	Thursday	02:30	169°	+15°	0 dB	0°	169°	+15°	291°	-28°	9.6dB	1759°K	370098 +94 Hz
2023-03-16	Thursday	03:00	176°	+15°	0 dB	0°	176°	+15°	299°	-28°	9.4dB	1705°K	370023 +61 Hz
2023-03-16	Thursday	03:30	183°	+15°	0 dB	0°	183°	+15°	306°	-28°	9.3dB	1651°K	369949 +27 Hz
2023-03-16	Thursday	04:00	189°	+15°	0 dB	0°	189°	+15°	313°	-28°	9.1dB	1597°K	369875 -6 Hz
2023-03-16	Thursday	04:30	196°	+14°	0 dB	0°	196°	+14°	320°	-28°	9.0dB	1543°K	369801 -38 Hz
2023-03-16	Thursday	05:00	202°	+12°	0 dB	0°	202°	+12°	327°	-28°	8.8dB	1489°K	369727 -69 Hz
2023-03-16	Thursday	05:30	208°	+10°	0 dB	0°	208°	+10°	335°	-28°	8.7dB	1434°K	369653 -99 Hz
2023-03-16	Thursday	06:00	214°	+7°	0 dB	0°	214°	+7°	342°	-28°	8.5dB	1380°K	369580 -126 Hz
2023-03-16	Thursday	06:30	220°	+4°	0 dB	0°	220°	+4°	349°	-28°	8.4dB	1326°K	369507 -150 Hz
2023-03-16	Thursday	07:00	225°	+1°	0 dB	0°	225°	+1°	356°	-28°	8.2dB	1272°K	369434 -171 Hz
2023-03-17	Fri day	00:30	133°	+1°	0 dB	0°	133°	+1°	248°	-27°	4.2dB	487°K	367047 +254 Hz
2023-03-17	Fri day	01:00	138°	+4°	0 dB	0°	138°	+4°	255°	-27°	4.1dB	480°K	366985 +234 Hz
2023-03-17	Fri day	01:30	144°	+7°	0 dB	0°	144°	+7°	262°	-27°	4.1dB	474°K	366922 +211 Hz
2023-03-17	Fri day	02:00	150°	+10°	0 dB	0°	150°	+10°	269°	-27°	4.0dB	467°K	366860 +185 Hz
2023-03-17	Fri day	02:30	156°	+13°	0 dB	0°	156°	+13°	276°	-27°	4.0dB	460°K	366798 +156 Hz
2023-03-17	Fri day	03:00	162°	+14°	0 dB	0°	162°	+14°	284°	-26°	3.9dB	453°K	366737 +125 Hz
2023-03-17	Fri day	03:30	169°	+16°	0 dB	0°	169°	+16°	291°	-26°	3.9dB	447°K	366676 +92 Hz
2023-03-17	Fri day	04:00	175°	+17°	0 dB	0°	175°	+17°	298°	-26°	3.8dB	440°K	366615 +59 Hz
2023-03-17	Fri day	04:30	182°	+17°	0 dB	0°	182°	+17°	305°	-26°	3.7dB	433°K	366554 +25 Hz
2023-03-17	Fri day	05:00	189°	+16°	0 dB	0°	189°	+16°	312°	-26°	3.7dB	427°K	366494 -9 Hz
2023-03-17	Fri day	05:30	195°	+15°	0 dB	0°	195°	+15°	320°	-26°	3.6dB	420°K	366435 -42 Hz
2023-03-17	Fri day	06:00	202°	+14°	0 dB	0°	202°	+14°	327°	-26°	3.5dB	413°K	366375 -74 Hz
2023-03-17	Fri day	06:30	208°	+12°	0 dB	0°	208°	+12°	334°	-26°	3.5dB	406°K	366317 -104 Hz
2023-03-17	Fri day	07:00	214°	+9°	0 dB	0°	214°	+9°	341°	-26°	3.4dB	400°K	366258 -132 Hz
2023-03-17	Fri day	07:30	220°	+6°	0 dB	0°	220°	+6°	348°	-26°	3.3dB	393°K	366200 -157 Hz
2023-03-17	Fri day	08:00	226°	+3°	0 dB	0°	226°	+3°	355°	-26°	3.3dB	386°K	366142 -179 Hz
2023-03-18	Saturday	01:30	131°	+3°	0 dB	0°	131°	+3°	247°	-24°	2.6dB	326°K	364376 +252 Hz
2023-03-18	Saturday	02:00	136°	+7°	0 dB	0°	136°	+7°	255°	-24°	2.6dB	326°K	364334 +232 Hz
2023-03-18	Saturday	02:30	142°	+10°	0 dB	0°	142°	+10°	262°	-23°	2.6dB	326°K	364292 +208 Hz
2023-03-18	Saturday	03:00	148°	+13°	0 dB	0°	148°	+13°	269°	-23°	2.6dB	326°K	364251 +181 Hz
2023-03-18	Saturday	03:30	154°	+16°	0 dB	0°	154°	+16°	276°	-23°	2.5dB	326°K	364210 +152 Hz
2023-03-18	Saturday	04:00	161°	+18°	0 dB	0°	161°	+18°	283°	-23°	2.5dB	326°K	364169 +120 Hz
2023-03-18	Saturday	04:30	168°	+19°	0 dB	0°	168°	+19°	291°	-23°	2.5dB	326°K	364129 +86 Hz
2023-03-18	Saturday	05:00	175°	+20°	0 dB	0°	175°	+20°	298°	-23°	2.5dB	326°K	364090 +51 Hz
2023-03-18	Saturday	05:30	182°	+20°	0 dB	0°	182°	+20°	305°	-23°	2.5dB	326°K	364051 +16 Hz
2023-03-18	Saturday	06:00	189°	+20°	0 dB	0°	189°	+20°	312°	-23°	2.5dB	326°K	364012 -19 Hz
2023-03-18	Saturday	06:30	196°	+19°	0 dB	0°	196°	+19°	319°	-23°	2.5dB	326°K	363974 -53 Hz
2023-03-18	Saturday	07:00	203°	+17°	0 dB	0°	203°	+17°	327°	-23°	2.5dB	326°K	363937 -87 Hz
2023-03-18	Saturday	07:30	209°	+15°	0 dB	0°	209°	+15°	334°	-23°	2.5dB	326°K	363900 -118 Hz
2023-03-18	Saturday	08:00	216°	+12°	0 dB	0°	216°	+12°	341°	-22°	2.5dB	326°K	363864 -147 Hz
2023-03-18	Saturday	08:30	222°	+9°	0 dB	0°	222°	+9°	348°	-22°	2.5dB	326°K	363828 -173 Hz
2023-03-18	Saturday	09:00	228°	+6°	0 dB	0°	228°	+6°	355°	-22°	2.5dB	326°K	363792 -196 Hz
2023-03-18	Saturday	09:30	233°	+2°	0 dB	0°	233°	+2°	3°	-22°	2.5dB	326°K	363757 -215 Hz
2023-03-19	Sunday	02:00	123°	+3°	0 dB	0°	123°	+3°	240°	-19°	2.3dB	312°K	362912 +265 Hz
2023-03-19	Sunday	02:30	128°	+7°	0 dB	0°	128°	+7°	248°	-19°	2.3dB	311°K	362896 +247 Hz
2023-03-19	Sunday	03:00	134°	+11°	0 dB	0°	134°	+11°	255°	-19°	2.3dB	310°K	362881 +226 Hz
2023-03-19	Sunday	03:30	140°	+15°	0 dB	0°	140°	+15°	262°	-19°	2.3dB	308°K	362866 +201 Hz
2023-03-19	Sunday	04:00	146°	+18°	0 dB	0°	146°	+18°	269°	-18°	2.3dB	307°K	362852 +172 Hz
2023-03-19	Sunday	04:30	153°	+20°	0 dB	0°	153°	+20°	277°	-18°	2.3dB	306°K	362838 +141 Hz
2023-03-19	Sunday	05:00	160°	+23°	0 dB	0°	160°	+23°	284°	-18°	2.2dB	305°K	362825 +108 Hz
2023-03-19	Sunday	05:30	167°	+24°	0 dB	0°	167°	+24°	291°	-18°	2.2dB	303°K	362813 +73 Hz
2023-03-19	Sunday	06:00	175°	+25°	0 dB	0°	175°	+25°	298°	-18°	2.2dB	302°K	362801 +36 Hz
2023-03-19	Sunday	06:30	183°	+25°	0 dB	0°	183°	+25°	305°	-18°	2.2dB	301°K	362790 0 Hz
2023-03-19	Sunday	07:00	190°	+25°	0 dB	0°	190°	+25°	313°	-18°	2.2dB	300°K	362780 -37 Hz
2023-03-19	Sunday	07:30	198°	+24°	0 dB	0°	198°	+24°	320°	-18°	2.2dB	299°K	362770 -73 Hz
2023-03-19	Sunday	08:00	205°	+22°	0 dB	0°	205°	+22°	327°	-18°	2.1dB	297°K	362761 -108 Hz
2023-03-19	Sunday	08:30	212°	+20°	0 dB	0°	212°	+20°	334°	-17°	2.1dB	296°K	362752 -140 Hz
2023-03-19	Sunday	09:00	219°	+17°	0 dB	0°	219°	+17°	342°	-17°	2.1dB	295°K	362744 -170 Hz
2023-03-19	Sunday	09:30	225°	+14°	0 dB	0°	225°	+14°	349°	-17°	2.1dB	293°K	362737 -197 Hz
2023-03-19	Sunday	10:00	231°	+10°	0 dB	0°	231°	+10°	356°	-17°	2.1dB	290°K	362730 -221 Hz
2023-03-19	Sunday	10:30	237°	+6°	0 dB	0°	237°	+6°	3°	-17°	2.0dB	288°K	362724 -240 Hz
2023-03-19	Sunday	11:00	242°	+2°	0 dB	0°	242°	+2°	10°	-17°	2.0dB	286°K	362718 -256 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-20	Monday	02:30	115°	+4°	0 dB	0°	115°	+4°	235°	-13°	1.4dB	243°K	362863 +270 Hz
2023-03-20	Monday	03:00	120°	+9°	0 dB	0°	120°	+9°	242°	-13°	1.4dB	243°K	362878 +255 Hz
2023-03-20	Monday	03:30	126°	+13°	0 dB	0°	126°	+13°	249°	-13°	1.4dB	243°K	362894 +236 Hz
2023-03-20	Monday	04:00	132°	+17°	0 dB	0°	132°	+17°	256°	-13°	1.4dB	243°K	362910 +213 Hz
2023-03-20	Monday	04:30	138°	+21°	0 dB	0°	138°	+21°	263°	-12°	1.4dB	243°K	362927 +186 Hz
2023-03-20	Monday	05:00	145°	+24°	0 dB	0°	145°	+24°	271°	-12°	1.4dB	243°K	362945 +156 Hz
2023-03-20	Monday	05:30	152°	+27°	0 dB	0°	152°	+27°	278°	-12°	1.4dB	243°K	362963 +123 Hz
2023-03-20	Monday	06:00	160°	+29°	0 dB	0°	160°	+29°	285°	-12°	1.4dB	243°K	362982 +88 Hz
2023-03-20	Monday	06:30	168°	+30°	0 dB	0°	168°	+30°	292°	-12°	1.4dB	243°K	363002 +51 Hz
2023-03-20	Monday	07:00	176°	+31°	0 dB	0°	176°	+31°	300°	-12°	1.4dB	243°K	363022 +13 Hz
2023-03-20	Monday	07:30	184°	+31°	0 dB	0°	184°	+31°	307°	-12°	1.4dB	243°K	363043 -25 Hz
2023-03-20	Monday	08:00	193°	+31°	0 dB	0°	193°	+31°	314°	-12°	1.4dB	243°K	363064 -63 Hz
2023-03-20	Monday	08:30	201°	+29°	0 dB	0°	201°	+29°	321°	-11°	1.4dB	243°K	363087 -100 Hz
2023-03-20	Monday	09:00	209°	+27°	0 dB	0°	209°	+27°	329°	-11°	1.4dB	243°K	363110 -135 Hz
2023-03-20	Monday	09:30	216°	+25°	0 dB	0°	216°	+25°	336°	-11°	1.4dB	243°K	363133 -169 Hz
2023-03-20	Monday	10:00	223°	+22°	0 dB	0°	223°	+22°	343°	-11°	1.4dB	243°K	363157 -199 Hz
2023-03-20	Monday	10:30	230°	+18°	0 dB	0°	230°	+18°	350°	-11°	1.4dB	243°K	363182 -226 Hz
2023-03-20	Monday	11:00	236°	+14°	0 dB	0°	236°	+14°	358°	-11°	1.5dB	243°K	363208 -250 Hz
2023-03-20	Monday	11:30	242°	+10°	0 dB	0°	242°	+10°	5°	-11°	1.5dB	243°K	363234 -269 Hz
2023-03-20	Monday	12:00	248°	+6°	0 dB	0°	248°	+6°	12°	-10°	1.5dB	243°K	363261 -284 Hz
2023-03-20	Monday	12:30	253°	+1°	0 dB	0°	253°	+1°	19°	-10°	1.4dB	242°K	363289 -295 Hz
2023-03-21	Tuesday	02:30	101°	+1°	0 dB	0°	101°	+1°	222°	-7°	1.4dB	SUN!	364327 +275 Hz
2023-03-21	Tuesday	03:00	106°	+6°	0 dB	0°	106°	+6°	229°	-6°	1.4dB	SUN!	364373 +268 Hz
2023-03-21	Tuesday	03:30	112°	+10°	0 dB	0°	112°	+10°	237°	-6°	1.5dB	SUN!	364420 +256 Hz
2023-03-21	Tuesday	04:00	117°	+15°	0 dB	0°	117°	+15°	244°	-6°	1.5dB	SUN!	364468 +240 Hz
2023-03-21	Tuesday	04:30	123°	+20°	0 dB	0°	123°	+20°	251°	-6°	1.5dB	SUN!	364517 +219 Hz
2023-03-21	Tuesday	05:00	130°	+24°	0 dB	0°	130°	+24°	258°	-6°	1.5dB	SUN!	364566 +194 Hz
2023-03-21	Tuesday	05:30	136°	+28°	0 dB	0°	136°	+28°	266°	-6°	1.5dB	SUN!	364615 +165 Hz
2023-03-21	Tuesday	06:00	144°	+31°	0 dB	0°	144°	+31°	273°	-6°	1.5dB	SUN!	364666 +134 Hz
2023-03-21	Tuesday	06:30	152°	+34°	0 dB	0°	152°	+34°	280°	-5°	1.5dB	SUN!	364717 +99 Hz
2023-03-21	Tuesday	07:00	160°	+36°	0 dB	0°	160°	+36°	287°	-5°	1.5dB	SUN!	364768 +62 Hz
2023-03-21	Tuesday	07:30	169°	+38°	0 dB	0°	169°	+38°	295°	-5°	1.5dB	SUN!	364821 +24 Hz
2023-03-21	Tuesday	08:00	178°	+38°	0 dB	0°	178°	+38°	302°	-5°	1.5dB	SUN!	364874 -15 Hz
2023-03-21	Tuesday	08:30	188°	+38°	0 dB	0°	188°	+38°	309°	-5°	1.5dB	SUN!	364927 -54 Hz
2023-03-21	Tuesday	09:00	197°	+37°	0 dB	0°	197°	+37°	316°	-5°	1.5dB	SUN!	364981 -93 Hz
2023-03-21	Tuesday	09:30	206°	+35°	0 dB	0°	206°	+35°	324°	-5°	1.5dB	SUN!	365036 -131 Hz
2023-03-21	Tuesday	10:00	214°	+33°	0 dB	0°	214°	+33°	331°	-4°	1.5dB	SUN!	365091 -166 Hz
2023-03-21	Tuesday	10:30	222°	+30°	0 dB	0°	222°	+30°	338°	-4°	1.5dB	SUN!	365147 -199 Hz
2023-03-21	Tuesday	11:00	229°	+27°	0 dB	0°	229°	+27°	345°	-4°	1.5dB	SUN!	365204 -230 Hz
2023-03-21	Tuesday	11:30	236°	+23°	0 dB	0°	236°	+23°	353°	-4°	1.5dB	SUN!	365261 -256 Hz
2023-03-21	Tuesday	12:00	242°	+18°	0 dB	0°	242°	+18°	360°	-4°	1.5dB	SUN!	365319 -279 Hz
2023-03-21	Tuesday	12:30	248°	+14°	0 dB	0°	248°	+14°	7°	-4°	1.5dB	SUN!	365378 -297 Hz
2023-03-21	Tuesday	13:00	254°	+9°	0 dB	0°	254°	+9°	14°	-4°	1.5dB	SUN!	365437 -311 Hz
2023-03-21	Tuesday	13:30	259°	+4°	0 dB	0°	259°	+4°	22°	-3°	1.5dB	SUN!	365497 -320 Hz
2023-03-21	Tuesday	14:00	265°	-0°	0 dB	0°	265°	-0°	29°	-3°	1.6dB	SUN!	365557 -324 Hz
2023-03-22	Wednesday	03:00	093°	+2°	0 dB	0°	093°	+2°	217°	+0°	1.9dB	SUN!	367336 +265 Hz
2023-03-22	Wednesday	03:30	098°	+7°	0 dB	0°	098°	+7°	225°	+1°	1.9dB	SUN!	367412 +261 Hz
2023-03-22	Wednesday	04:00	103°	+13°	0 dB	0°	103°	+13°	232°	+1°	1.9dB	SUN!	367489 +252 Hz
2023-03-22	Wednesday	04:30	109°	+17°	0 dB	0°	109°	+17°	239°	+1°	1.9dB	SUN!	367567 +238 Hz
2023-03-22	Wednesday	05:00	115°	+22°	0 dB	0°	115°	+22°	246°	+1°	1.9dB	SUN!	367644 +220 Hz
2023-03-22	Wednesday	05:30	121°	+27°	0 dB	0°	121°	+27°	254°	+1°	1.9dB	SUN!	367723 +197 Hz
2023-03-22	Wednesday	06:00	128°	+31°	0 dB	0°	128°	+31°	261°	+1°	1.9dB	SUN!	367802 +170 Hz
2023-03-22	Wednesday	06:30	135°	+35°	0 dB	0°	135°	+35°	268°	+1°	2.0dB	SUN!	367881 +140 Hz
2023-03-22	Wednesday	07:00	143°	+39°	0 dB	0°	143°	+39°	275°	+2°	2.0dB	SUN!	367961 +107 Hz
2023-03-22	Wednesday	07:30	152°	+41°	0 dB	0°	152°	+41°	283°	+2°	2.0dB	265°K	368042 +71 Hz
2023-03-22	Wednesday	08:00	162°	+44°	0 dB	0°	162°	+44°	290°	+2°	2.0dB	266°K	368123 +33 Hz
2023-03-22	Wednesday	08:30	172°	+45°	0 dB	0°	172°	+45°	297°	+2°	2.0dB	266°K	368205 -6 Hz
2023-03-22	Wednesday	09:00	182°	+45°	0 dB	0°	182°	+45°	304°	+2°	2.0dB	267°K	368287 -46 Hz
2023-03-22	Wednesday	09:30	192°	+45°	0 dB	0°	192°	+45°	312°	+2°	2.0dB	267°K	368369 -85 Hz
2023-03-22	Wednesday	10:00	202°	+43°	0 dB	0°	202°	+43°	319°	+2°	2.0dB	268°K	368453 -124 Hz
2023-03-22	Wednesday	10:30	212°	+41°	0 dB	0°	212°	+41°	326°	+3°	2.1dB	269°K	368536 -161 Hz
2023-03-22	Wednesday	11:00	221°	+38°	0 dB	0°	221°	+38°	333°	+3°	2.1dB	269°K	368621 -196 Hz
2023-03-22	Wednesday	11:30	229°	+35°	0 dB	0°	229°	+35°	341°	+3°	2.1dB	270°K	368705 -228 Hz
2023-03-22	Wednesday	12:00	236°	+31°	0 dB	0°	236°	+31°	348°	+3°	2.1dB	270°K	368791 -257 Hz
2023-03-22	Wednesday	12:30	243°	+27°	0 dB	0°	243°	+27°	355°	+3°	2.1dB	271°K	368877 -282 Hz
2023-03-22	Wednesday	13:00	249°	+22°	0 dB	0°	249°	+22°	2°	+3°	2.1dB	272°K	368963 -303 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-22	Wednesday 13:30	255°	+18°	0 dB	0°	255°	+18°	10°	+3°	2.1dB	272°K	369050	-320 Hz
2023-03-22	Wednesday 14:00	261°	+13°	0 dB	0°	261°	+13°	17°	+3°	2.1dB	273°K	369137	-332 Hz
2023-03-22	Wednesday 14:30	266°	+8°	0 dB	0°	266°	+8°	24°	+4°	2.2dB	274°K	369225	-339 Hz
2023-03-22	Wednesday 15:00	272°	+3°	0 dB	0°	272°	+3°	31°	+4°	2.2dB	274°K	369313	-341 Hz
2023-03-23	Thursday 03:30	085°	+4°	0 dB	0°	085°	+4°	213°	+7°	2.5dB	289°K	371670	+251 Hz
2023-03-23	Thursday 04:00	090°	+9°	0 dB	0°	090°	+9°	220°	+7°	2.5dB	290°K	371770	+250 Hz
2023-03-23	Thursday 04:30	095°	+14°	0 dB	0°	095°	+14°	227°	+7°	2.5dB	291°K	371870	+243 Hz
2023-03-23	Thursday 05:00	101°	+19°	0 dB	0°	101°	+19°	235°	+8°	2.5dB	291°K	371971	+232 Hz
2023-03-23	Thursday 05:30	106°	+25°	0 dB	0°	106°	+25°	242°	+8°	2.5dB	292°K	372072	+217 Hz
2023-03-23	Thursday 06:00	112°	+29°	0 dB	0°	112°	+29°	249°	+8°	2.5dB	293°K	372174	+197 Hz
2023-03-23	Thursday 06:30	119°	+34°	0 dB	0°	119°	+34°	256°	+8°	2.5dB	293°K	372276	+173 Hz
2023-03-23	Thursday 07:00	126°	+39°	0 dB	0°	126°	+39°	264°	+8°	2.6dB	294°K	372378	+145 Hz
2023-03-23	Thursday 07:30	134°	+43°	0 dB	0°	134°	+43°	271°	+8°	2.6dB	294°K	372481	+113 Hz
2023-03-23	Thursday 08:00	143°	+46°	0 dB	0°	143°	+46°	278°	+8°	2.6dB	295°K	372584	+79 Hz
2023-03-23	Thursday 08:30	153°	+49°	0 dB	0°	153°	+49°	285°	+8°	2.6dB	295°K	372687	+43 Hz
2023-03-23	Thursday 09:00	163°	+51°	0 dB	0°	163°	+51°	293°	+9°	2.6dB	296°K	372791	+5 Hz
2023-03-23	Thursday 09:30	175°	+52°	0 dB	0°	175°	+52°	300°	+9°	2.6dB	296°K	372895	-34 Hz
2023-03-23	Thursday 10:00	187°	+52°	0 dB	0°	187°	+52°	307°	+9°	2.6dB	296°K	372999	-74 Hz
2023-03-23	Thursday 10:30	198°	+51°	0 dB	0°	198°	+51°	314°	+9°	2.6dB	297°K	373104	-112 Hz
2023-03-23	Thursday 11:00	209°	+49°	0 dB	0°	209°	+49°	322°	+9°	2.6dB	297°K	373209	-150 Hz
2023-03-23	Thursday 11:30	219°	+46°	0 dB	0°	219°	+46°	329°	+9°	2.6dB	297°K	373315	-186 Hz
2023-03-23	Thursday 12:00	228°	+43°	0 dB	0°	228°	+43°	336°	+9°	2.7dB	298°K	373421	-219 Hz
2023-03-23	Thursday 12:30	236°	+39°	0 dB	0°	236°	+39°	343°	+10°	2.7dB	298°K	373527	-250 Hz
2023-03-23	Thursday 13:00	244°	+35°	0 dB	0°	244°	+35°	351°	+10°	2.7dB	298°K	373634	-277 Hz
2023-03-23	Thursday 13:30	250°	+30°	0 dB	0°	250°	+30°	358°	+10°	2.7dB	299°K	373740	-300 Hz
2023-03-23	Thursday 14:00	256°	+25°	0 dB	0°	256°	+25°	5°	+10°	2.7dB	299°K	373848	-319 Hz
2023-03-23	Thursday 14:30	262°	+20°	0 dB	0°	262°	+20°	13°	+10°	2.7dB	299°K	373955	-334 Hz
2023-03-23	Thursday 15:00	268°	+16°	0 dB	0°	268°	+16°	20°	+10°	2.7dB	299°K	374063	-343 Hz
2023-03-23	Thursday 15:30	273°	+11°	0 dB	0°	273°	+11°	27°	+10°	2.7dB	300°K	374171	-348 Hz
2023-03-23	Thursday 16:00	278°	+6°	0 dB	0°	278°	+6°	34°	+10°	2.7dB	300°K	374280	-349 Hz
2023-03-23	Thursday 16:30	283°	+1°	0 dB	0°	283°	+1°	42°	+11°	2.7dB	300°K	374389	-344 Hz
2023-03-24	Fri day 03:30	072°	+1°	0 dB	0°	072°	+1°	201°	+13°	3.1dB	320°K	376852	+229 Hz
2023-03-24	Fri day 04:00	077°	+5°	0 dB	0°	077°	+5°	208°	+13°	3.1dB	321°K	376967	+236 Hz
2023-03-24	Fri day 04:30	082°	+11°	0 dB	0°	082°	+11°	216°	+14°	3.1dB	323°K	377082	+237 Hz
2023-03-24	Fri day 05:00	087°	+16°	0 dB	0°	087°	+16°	223°	+14°	3.1dB	324°K	377197	+234 Hz
2023-03-24	Fri day 05:30	093°	+21°	0 dB	0°	093°	+21°	230°	+14°	3.2dB	326°K	377313	+226 Hz
2023-03-24	Fri day 06:00	098°	+26°	0 dB	0°	098°	+26°	237°	+14°	3.2dB	327°K	377428	+213 Hz
2023-03-24	Fri day 06:30	104°	+31°	0 dB	0°	104°	+31°	245°	+14°	3.2dB	329°K	377544	+196 Hz
2023-03-24	Fri day 07:00	110°	+36°	0 dB	0°	110°	+36°	252°	+14°	3.2dB	331°K	377660	+175 Hz
2023-03-24	Fri day 07:30	116°	+41°	0 dB	0°	116°	+41°	259°	+14°	3.3dB	332°K	377776	+150 Hz
2023-03-24	Fri day 08:00	124°	+45°	0 dB	0°	124°	+45°	266°	+14°	3.3dB	334°K	377893	+121 Hz
2023-03-24	Fri day 08:30	132°	+49°	0 dB	0°	132°	+49°	274°	+14°	3.3dB	335°K	378009	+89 Hz
2023-03-24	Fri day 09:00	142°	+53°	0 dB	0°	142°	+53°	281°	+15°	3.3dB	337°K	378126	+55 Hz
2023-03-24	Fri day 09:30	154°	+56°	0 dB	0°	154°	+56°	288°	+15°	3.3dB	338°K	378243	+19 Hz
2023-03-24	Fri day 10:00	166°	+58°	0 dB	0°	166°	+58°	295°	+15°	3.4dB	340°K	378360	-19 Hz
2023-03-24	Fri day 10:30	179°	+58°	0 dB	0°	179°	+58°	303°	+15°	3.4dB	341°K	378477	-57 Hz
2023-03-24	Fri day 11:00	193°	+58°	0 dB	0°	193°	+58°	310°	+15°	3.4dB	343°K	378594	-96 Hz
2023-03-24	Fri day 11:30	206°	+56°	0 dB	0°	206°	+56°	317°	+15°	3.4dB	345°K	378712	-133 Hz
2023-03-24	Fri day 12:00	217°	+54°	0 dB	0°	217°	+54°	324°	+15°	3.5dB	346°K	378829	-169 Hz
2023-03-24	Fri day 12:30	227°	+50°	0 dB	0°	227°	+50°	332°	+15°	3.5dB	348°K	378947	-203 Hz
2023-03-24	Fri day 13:00	236°	+47°	0 dB	0°	236°	+47°	339°	+15°	3.5dB	348°K	379065	-235 Hz
2023-03-24	Fri day 13:30	244°	+42°	0 dB	0°	244°	+42°	346°	+16°	3.5dB	349°K	379183	-263 Hz
2023-03-24	Fri day 14:00	251°	+38°	0 dB	0°	251°	+38°	353°	+16°	3.5dB	350°K	379301	-288 Hz
2023-03-24	Fri day 14:30	257°	+33°	0 dB	0°	257°	+33°	1°	+16°	3.5dB	351°K	379420	-309 Hz
2023-03-24	Fri day 15:00	263°	+28°	0 dB	0°	263°	+28°	8°	+16°	3.5dB	351°K	379538	-326 Hz
2023-03-24	Fri day 15:30	269°	+23°	0 dB	0°	269°	+23°	15°	+16°	3.6dB	352°K	379657	-339 Hz
2023-03-24	Fri day 16:00	274°	+18°	0 dB	0°	274°	+18°	22°	+16°	3.6dB	353°K	379775	-346 Hz
2023-03-24	Fri day 16:30	279°	+13°	0 dB	0°	279°	+13°	30°	+16°	3.6dB	354°K	379894	-349 Hz
2023-03-24	Fri day 17:00	284°	+8°	0 dB	0°	284°	+8°	37°	+16°	3.6dB	355°K	380013	-348 Hz
2023-03-24	Fri day 17:30	289°	+3°	0 dB	0°	289°	+3°	44°	+16°	3.6dB	355°K	380132	-341 Hz
2023-03-25	Saturday 04:00	065°	+2°	0 dB	0°	065°	+2°	196°	+19°	3.8dB	367°K	382647	+213 Hz
2023-03-25	Saturday 04:30	070°	+6°	0 dB	0°	070°	+6°	204°	+19°	3.8dB	366°K	382767	+221 Hz
2023-03-25	Saturday 05:00	075°	+11°	0 dB	0°	075°	+11°	211°	+19°	3.8dB	365°K	382887	+226 Hz
2023-03-25	Saturday 05:30	080°	+16°	0 dB	0°	080°	+16°	218°	+19°	3.8dB	364°K	383007	+226 Hz
2023-03-25	Saturday 06:00	085°	+21°	0 dB	0°	085°	+21°	225°	+19°	3.8dB	363°K	383127	+221 Hz
2023-03-25	Saturday 06:30	090°	+26°	0 dB	0°	090°	+26°	233°	+19°	3.8dB	363°K	383248	+212 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-25	Saturday	07:00	095°	+31°	0 dB	0°	095°	+31°	240°	+19°	3.8dB	362°K	383368 +198 Hz
2023-03-25	Saturday	07:30	101°	+37°	0 dB	0°	101°	+37°	247°	+19°	3.8dB	361°K	383488 +180 Hz
2023-03-25	Saturday	08:00	107°	+42°	0 dB	0°	107°	+42°	254°	+19°	3.8dB	360°K	383608 +158 Hz
2023-03-25	Saturday	08:30	114°	+46°	0 dB	0°	114°	+46°	262°	+20°	3.8dB	360°K	383728 +132 Hz
2023-03-25	Saturday	09:00	122°	+51°	0 dB	0°	122°	+51°	269°	+20°	3.8dB	359°K	383848 +103 Hz
2023-03-25	Saturday	09:30	131°	+55°	0 dB	0°	131°	+55°	276°	+20°	3.8dB	358°K	383968 +71 Hz
2023-03-25	Saturday	10:00	142°	+59°	0 dB	0°	142°	+59°	283°	+20°	3.8dB	357°K	384088 +37 Hz
2023-03-25	Saturday	10:30	155°	+62°	0 dB	0°	155°	+62°	291°	+20°	3.8dB	356°K	384208 +1 Hz
2023-03-25	Saturday	11:00	169°	+63°	0 dB	0°	169°	+63°	298°	+20°	3.8dB	356°K	384328 -35 Hz
2023-03-25	Saturday	11:30	185°	+64°	0 dB	0°	185°	+64°	305°	+20°	3.8dB	355°K	384447 -73 Hz
2023-03-25	Saturday	12:00	200°	+63°	0 dB	0°	200°	+63°	312°	+20°	3.8dB	354°K	384567 -109 Hz
2023-03-25	Saturday	12:30	214°	+60°	0 dB	0°	214°	+60°	320°	+20°	3.8dB	353°K	384687 -145 Hz
2023-03-25	Saturday	13:00	225°	+57°	0 dB	0°	225°	+57°	327°	+20°	3.8dB	352°K	384807 -180 Hz
2023-03-25	Saturday	13:30	235°	+53°	0 dB	0°	235°	+53°	334°	+20°	3.8dB	352°K	384926 -212 Hz
2023-03-25	Saturday	14:00	244°	+49°	0 dB	0°	244°	+49°	341°	+21°	3.8dB	351°K	385046 -242 Hz
2023-03-25	Saturday	14:30	251°	+44°	0 dB	0°	251°	+44°	349°	+21°	3.8dB	350°K	385165 -268 Hz
2023-03-25	Saturday	15:00	258°	+40°	0 dB	0°	258°	+40°	356°	+21°	3.8dB	349°K	385284 -291 Hz
2023-03-25	Saturday	15:30	264°	+35°	0 dB	0°	264°	+35°	3°	+21°	3.8dB	348°K	385404 -310 Hz
2023-03-25	Saturday	16:00	269°	+30°	0 dB	0°	269°	+30°	10°	+21°	3.8dB	348°K	385523 -325 Hz
2023-03-25	Saturday	16:30	275°	+25°	0 dB	0°	275°	+25°	18°	+21°	3.8dB	348°K	385642 -335 Hz
2023-03-25	Saturday	17:00	280°	+20°	0 dB	0°	280°	+20°	25°	+21°	3.8dB	349°K	385761 -341 Hz
2023-03-25	Saturday	17:30	284°	+15°	0 dB	0°	284°	+15°	32°	+21°	3.8dB	350°K	385880 -342 Hz
2023-03-25	Saturday	18:00	289°	+10°	0 dB	0°	289°	+10°	39°	+21°	3.8dB	351°K	385999 -339 Hz
2023-03-25	Saturday	18:30	294°	+5°	0 dB	0°	294°	+5°	47°	+21°	3.8dB	351°K	386117 -332 Hz
2023-03-25	Saturday	19:00	300°	+1°	0 dB	0°	300°	+1°	54°	+21°	3.9dB	352°K	386236 -320 Hz
2023-03-26	Sunday	04:30	059°	+2°	0 dB	0°	059°	+2°	191°	+23°	4.1dB	368°K	388463 +198 Hz
2023-03-26	Sunday	05:00	064°	+6°	0 dB	0°	064°	+6°	199°	+23°	4.1dB	368°K	388579 +210 Hz
2023-03-26	Sunday	05:30	069°	+11°	0 dB	0°	069°	+11°	206°	+23°	4.1dB	369°K	388694 +217 Hz
2023-03-26	Sunday	06:00	074°	+16°	0 dB	0°	074°	+16°	213°	+23°	4.2dB	370°K	388810 +220 Hz
2023-03-26	Sunday	06:30	078°	+21°	0 dB	0°	078°	+21°	220°	+23°	4.2dB	371°K	388925 +219 Hz
2023-03-26	Sunday	07:00	083°	+26°	0 dB	0°	083°	+26°	228°	+23°	4.2dB	373°K	389039 +213 Hz
2023-03-26	Sunday	07:30	088°	+31°	0 dB	0°	088°	+31°	235°	+23°	4.2dB	374°K	389154 +202 Hz
2023-03-26	Sunday	08:00	093°	+36°	0 dB	0°	093°	+36°	242°	+23°	4.2dB	375°K	389269 +188 Hz
2023-03-26	Sunday	08:30	099°	+41°	0 dB	0°	099°	+41°	249°	+24°	4.2dB	376°K	389383 +169 Hz
2023-03-26	Sunday	09:00	105°	+46°	0 dB	0°	105°	+46°	257°	+24°	4.3dB	377°K	389497 +147 Hz
2023-03-26	Sunday	09:30	112°	+51°	0 dB	0°	112°	+51°	264°	+24°	4.3dB	378°K	389610 +121 Hz
2023-03-26	Sunday	10:00	120°	+56°	0 dB	0°	120°	+56°	271°	+24°	4.3dB	379°K	389724 +92 Hz
2023-03-26	Sunday	10:30	130°	+60°	0 dB	0°	130°	+60°	278°	+24°	4.3dB	380°K	389837 +60 Hz
2023-03-26	Sunday	11:00	142°	+63°	0 dB	0°	142°	+63°	286°	+24°	4.3dB	382°K	389950 +27 Hz
2023-03-26	Sunday	11:30	156°	+66°	0 dB	0°	156°	+66°	293°	+24°	4.3dB	383°K	390063 -8 Hz
2023-03-26	Sunday	12:00	173°	+68°	0 dB	0°	173°	+68°	300°	+24°	4.4dB	384°K	390176 -44 Hz
2023-03-26	Sunday	12:30	190°	+67°	0 dB	0°	190°	+67°	307°	+24°	4.4dB	385°K	390288 -80 Hz
2023-03-26	Sunday	13:00	207°	+66°	0 dB	0°	207°	+66°	315°	+24°	4.4dB	386°K	390400 -115 Hz
2023-03-26	Sunday	13:30	221°	+63°	0 dB	0°	221°	+63°	322°	+24°	4.4dB	387°K	390512 -150 Hz
2023-03-26	Sunday	14:00	233°	+59°	0 dB	0°	233°	+59°	329°	+24°	4.4dB	388°K	390624 -183 Hz
2023-03-26	Sunday	14:30	242°	+55°	0 dB	0°	242°	+55°	336°	+24°	4.4dB	390°K	390735 -213 Hz
2023-03-26	Sunday	15:00	250°	+51°	0 dB	0°	250°	+51°	344°	+24°	4.5dB	391°K	390846 -241 Hz
2023-03-26	Sunday	15:30	257°	+46°	0 dB	0°	257°	+46°	351°	+24°	4.5dB	392°K	390957 -266 Hz
2023-03-26	Sunday	16:00	263°	+41°	0 dB	0°	263°	+41°	358°	+25°	4.5dB	393°K	391068 -287 Hz
2023-03-26	Sunday	16:30	269°	+36°	0 dB	0°	269°	+36°	5°	+25°	4.5dB	394°K	391178 -304 Hz
2023-03-26	Sunday	17:00	274°	+31°	0 dB	0°	274°	+31°	12°	+25°	4.5dB	395°K	391288 -317 Hz
2023-03-26	Sunday	17:30	279°	+26°	0 dB	0°	279°	+26°	20°	+25°	4.5dB	396°K	391398 -326 Hz
2023-03-26	Sunday	18:00	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	4.5dB	398°K	391508 -331 Hz
2023-03-26	Sunday	18:30	289°	+16°	0 dB	0°	289°	+16°	34°	+25°	4.6dB	399°K	391617 -331 Hz
2023-03-26	Sunday	19:00	293°	+11°	0 dB	0°	293°	+11°	41°	+25°	4.6dB	400°K	391726 -326 Hz
2023-03-26	Sunday	19:30	298°	+7°	0 dB	0°	298°	+7°	49°	+25°	4.6dB	401°K	391835 -318 Hz
2023-03-26	Sunday	20:00	303°	+2°	0 dB	0°	303°	+2°	56°	+25°	4.6dB	403°K	391943 -305 Hz
2023-03-27	Monday	05:00	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	4.9dB	426°K	393841 +187 Hz
2023-03-27	Monday	05:30	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	4.9dB	428°K	393944 +202 Hz
2023-03-27	Monday	06:00	063°	+10°	0 dB	0°	063°	+10°	201°	+26°	4.9dB	429°K	394046 +212 Hz
2023-03-27	Monday	06:30	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	5.0dB	430°K	394147 +218 Hz
2023-03-27	Monday	07:00	073°	+19°	0 dB	0°	073°	+19°	215°	+26°	5.0dB	432°K	394249 +220 Hz
2023-03-27	Monday	07:30	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	5.0dB	433°K	394349 +218 Hz
2023-03-27	Monday	08:00	082°	+29°	0 dB	0°	082°	+29°	230°	+26°	5.0dB	434°K	394450 +211 Hz
2023-03-27	Monday	08:30	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	5.0dB	436°K	394550 +200 Hz
2023-03-27	Monday	09:00	092°	+39°	0 dB	0°	092°	+39°	244°	+26°	5.1dB	439°K	394650 +185 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-27	Monday	09:30	097°	+44°	0 dB	0°	097°	+44°	251°	+26°	5.1dB	441°K	394749 +165 Hz
2023-03-27	Monday	10:00	103°	+49°	0 dB	0°	103°	+49°	259°	+26°	5.1dB	444°K	394849 +143 Hz
2023-03-27	Monday	10:30	111°	+54°	0 dB	0°	111°	+54°	266°	+26°	5.1dB	446°K	394947 +117 Hz
2023-03-27	Monday	11:00	119°	+59°	0 dB	0°	119°	+59°	273°	+27°	5.2dB	449°K	395046 +88 Hz
2023-03-27	Monday	11:30	129°	+63°	0 dB	0°	129°	+63°	280°	+27°	5.2dB	451°K	395144 +57 Hz
2023-03-27	Monday	12:00	142°	+67°	0 dB	0°	142°	+67°	287°	+27°	5.2dB	454°K	395241 +24 Hz
2023-03-27	Monday	12:30	158°	+69°	0 dB	0°	158°	+69°	295°	+27°	5.2dB	456°K	395338 -11 Hz
2023-03-27	Monday	13:00	177°	+70°	0 dB	0°	177°	+70°	302°	+27°	5.3dB	459°K	395435 -46 Hz
2023-03-27	Monday	13:30	196°	+70°	0 dB	0°	196°	+70°	309°	+27°	5.3dB	461°K	395532 -81 Hz
2023-03-27	Monday	14:00	214°	+68°	0 dB	0°	214°	+68°	316°	+27°	5.3dB	464°K	395628 -115 Hz
2023-03-27	Monday	14:30	228°	+64°	0 dB	0°	228°	+64°	324°	+27°	5.3dB	466°K	395723 -148 Hz
2023-03-27	Monday	15:00	239°	+60°	0 dB	0°	239°	+60°	331°	+27°	5.4dB	469°K	395818 -180 Hz
2023-03-27	Monday	15:30	248°	+56°	0 dB	0°	248°	+56°	338°	+27°	5.4dB	471°K	395913 -209 Hz
2023-03-27	Monday	16:00	255°	+51°	0 dB	0°	255°	+51°	345°	+27°	5.4dB	474°K	396008 -236 Hz
2023-03-27	Monday	16:30	261°	+46°	0 dB	0°	261°	+46°	353°	+27°	5.4dB	476°K	396102 -259 Hz
2023-03-27	Monday	17:00	267°	+41°	0 dB	0°	267°	+41°	360°	+27°	5.5dB	479°K	396195 -279 Hz
2023-03-27	Monday	17:30	272°	+36°	0 dB	0°	272°	+36°	7°	+27°	5.5dB	481°K	396289 -295 Hz
2023-03-27	Monday	18:00	277°	+31°	0 dB	0°	277°	+31°	14°	+27°	5.5dB	484°K	396381 -307 Hz
2023-03-27	Monday	18:30	282°	+26°	0 dB	0°	282°	+26°	22°	+27°	5.5dB	486°K	396474 -314 Hz
2023-03-27	Monday	19:00	287°	+21°	0 dB	0°	287°	+21°	29°	+27°	5.6dB	489°K	396566 -318 Hz
2023-03-27	Monday	19:30	291°	+16°	0 dB	0°	291°	+16°	36°	+27°	5.6dB	491°K	396657 -317 Hz
2023-03-27	Monday	20:00	296°	+12°	0 dB	0°	296°	+12°	43°	+27°	5.6dB	493°K	396748 -311 Hz
2023-03-27	Monday	20:30	301°	+7°	0 dB	0°	301°	+7°	50°	+27°	5.6dB	496°K	396839 -302 Hz
2023-03-27	Monday	21:00	306°	+3°	0 dB	0°	306°	+3°	58°	+27°	5.6dB	498°K	396929 -289 Hz
2023-03-28	Tuesday	06:00	054°	+3°	0 dB	0°	054°	+3°	188°	+28°	5.7dB	500°K	398479 +197 Hz
2023-03-28	Tuesday	06:30	058°	+7°	0 dB	0°	058°	+7°	195°	+28°	5.7dB	500°K	398561 +211 Hz
2023-03-28	Tuesday	07:00	063°	+12°	0 dB	0°	063°	+12°	202°	+28°	5.7dB	500°K	398642 +220 Hz
2023-03-28	Tuesday	07:30	068°	+16°	0 dB	0°	068°	+16°	210°	+28°	5.7dB	500°K	398723 +225 Hz
2023-03-28	Tuesday	08:00	072°	+21°	0 dB	0°	072°	+21°	217°	+28°	5.7dB	500°K	398803 +226 Hz
2023-03-28	Tuesday	08:30	077°	+26°	0 dB	0°	077°	+26°	224°	+28°	5.7dB	500°K	398883 +223 Hz
2023-03-28	Tuesday	09:00	082°	+31°	0 dB	0°	082°	+31°	231°	+28°	5.7dB	500°K	398963 +216 Hz
2023-03-28	Tuesday	09:30	087°	+36°	0 dB	0°	087°	+36°	239°	+28°	5.8dB	500°K	399042 +204 Hz
2023-03-28	Tuesday	10:00	092°	+41°	0 dB	0°	092°	+41°	246°	+28°	5.8dB	500°K	399120 +188 Hz
2023-03-28	Tuesday	10:30	097°	+46°	0 dB	0°	097°	+46°	253°	+28°	5.8dB	499°K	399198 +168 Hz
2023-03-28	Tuesday	11:00	103°	+51°	0 dB	0°	103°	+51°	260°	+28°	5.7dB	496°K	399276 +145 Hz
2023-03-28	Tuesday	11:30	111°	+56°	0 dB	0°	111°	+56°	267°	+28°	5.7dB	492°K	399353 +119 Hz
2023-03-28	Tuesday	12:00	119°	+61°	0 dB	0°	119°	+61°	275°	+28°	5.7dB	489°K	399429 +90 Hz
2023-03-28	Tuesday	12:30	130°	+65°	0 dB	0°	130°	+65°	282°	+28°	5.7dB	486°K	399505 +59 Hz
2023-03-28	Tuesday	13:00	144°	+68°	0 dB	0°	144°	+68°	289°	+28°	5.6dB	482°K	399581 +26 Hz
2023-03-28	Tuesday	13:30	162°	+71°	0 dB	0°	162°	+71°	296°	+28°	5.6dB	479°K	399656 -8 Hz
2023-03-28	Tuesday	14:00	182°	+72°	0 dB	0°	182°	+72°	304°	+28°	5.6dB	476°K	399731 -43 Hz
2023-03-28	Tuesday	14:30	202°	+71°	0 dB	0°	202°	+71°	311°	+28°	5.6dB	473°K	399805 -77 Hz
2023-03-28	Tuesday	15:00	219°	+68°	0 dB	0°	219°	+68°	318°	+28°	5.5dB	469°K	399878 -111 Hz
2023-03-28	Tuesday	15:30	232°	+64°	0 dB	0°	232°	+64°	325°	+28°	5.5dB	466°K	399952 -144 Hz
2023-03-28	Tuesday	16:00	242°	+60°	0 dB	0°	242°	+60°	333°	+28°	5.5dB	463°K	400024 -174 Hz
2023-03-28	Tuesday	16:30	251°	+55°	0 dB	0°	251°	+55°	340°	+28°	5.5dB	459°K	400096 -203 Hz
2023-03-28	Tuesday	17:00	258°	+50°	0 dB	0°	258°	+50°	347°	+28°	5.4dB	456°K	400168 -229 Hz
2023-03-28	Tuesday	17:30	264°	+45°	0 dB	0°	264°	+45°	354°	+28°	5.4dB	453°K	400239 -251 Hz
2023-03-28	Tuesday	18:00	269°	+40°	0 dB	0°	269°	+40°	2°	+28°	5.4dB	449°K	400310 -270 Hz
2023-03-28	Tuesday	18:30	275°	+35°	0 dB	0°	275°	+35°	9°	+28°	5.4dB	446°K	400380 -285 Hz
2023-03-28	Tuesday	19:00	279°	+30°	0 dB	0°	279°	+30°	16°	+28°	5.3dB	443°K	400450 -296 Hz
2023-03-28	Tuesday	19:30	284°	+25°	0 dB	0°	284°	+25°	23°	+28°	5.3dB	440°K	400519 -302 Hz
2023-03-28	Tuesday	20:00	289°	+20°	0 dB	0°	289°	+20°	31°	+28°	5.3dB	436°K	400587 -305 Hz
2023-03-28	Tuesday	20:30	293°	+16°	0 dB	0°	293°	+16°	38°	+28°	5.3dB	433°K	400655 -303 Hz
2023-03-28	Tuesday	21:00	298°	+11°	0 dB	0°	298°	+11°	45°	+28°	5.2dB	430°K	400723 -297 Hz
2023-03-28	Tuesday	21:30	303°	+7°	0 dB	0°	303°	+7°	52°	+28°	5.2dB	426°K	400790 -286 Hz
2023-03-28	Tuesday	22:00	308°	+3°	0 dB	0°	308°	+3°	59°	+28°	5.2dB	423°K	400857 -272 Hz
2023-03-29	Wednesday	06:00	050°	+0°	0 dB	0°	050°	+0°	182°	+28°	4.9dB	390°K	401909 +197 Hz
2023-03-29	Wednesday	07:00	055°	+4°	0 dB	0°	055°	+4°	190°	+28°	4.9dB	388°K	401966 +213 Hz
2023-03-29	Wednesday	07:30	060°	+9°	0 dB	0°	060°	+9°	197°	+28°	4.9dB	387°K	402022 +225 Hz
2023-03-29	Wednesday	08:00	064°	+13°	0 dB	0°	064°	+13°	204°	+28°	4.9dB	385°K	402078 +234 Hz
2023-03-29	Wednesday	08:30	069°	+18°	0 dB	0°	069°	+18°	211°	+28°	4.9dB	383°K	402134 +238 Hz
2023-03-29	Wednesday	09:00	074°	+22°	0 dB	0°	074°	+22°	219°	+28°	4.9dB	382°K	402189 +238 Hz
2023-03-29	Wednesday	09:30	078°	+27°	0 dB	0°	078°	+27°	226°	+28°	4.8dB	380°K	402243 +234 Hz
2023-03-29	Wednesday	10:00	083°	+32°	0 dB	0°	083°	+32°	233°	+28°	4.8dB	379°K	402297 +226 Hz
2023-03-29	Wednesday	10:30	088°	+37°	0 dB	0°	088°	+37°	240°	+28°	4.8dB	377°K	402351 +213 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-29	Wednesday 11:00	093°	+42°	0 dB	0°	093°	+42°	248°	+28°	4.8dB	375°K	402404	+196 Hz
2023-03-29	Wednesday 11:30	099°	+48°	0 dB	0°	099°	+48°	255°	+28°	4.8dB	374°K	402456	+176 Hz
2023-03-29	Wednesday 12:00	105°	+53°	0 dB	0°	105°	+53°	262°	+28°	4.8dB	372°K	402508	+152 Hz
2023-03-29	Wednesday 12:30	113°	+57°	0 dB	0°	113°	+57°	269°	+28°	4.8dB	370°K	402559	+125 Hz
2023-03-29	Wednesday 13:00	122°	+62°	0 dB	0°	122°	+62°	277°	+28°	4.7dB	369°K	402610	+95 Hz
2023-03-29	Wednesday 13:30	134°	+66°	0 dB	0°	134°	+66°	284°	+28°	4.7dB	366°K	402660	+64 Hz
2023-03-29	Wednesday 14:00	149°	+69°	0 dB	0°	149°	+69°	291°	+28°	4.7dB	364°K	402709	+30 Hz
2023-03-29	Wednesday 14:30	167°	+71°	0 dB	0°	167°	+71°	298°	+28°	4.7dB	361°K	402759	-4 Hz
2023-03-29	Wednesday 15:00	187°	+71°	0 dB	0°	187°	+71°	306°	+28°	4.7dB	359°K	402807	-39 Hz
2023-03-29	Wednesday 15:30	206°	+70°	0 dB	0°	206°	+70°	313°	+28°	4.6dB	357°K	402855	-73 Hz
2023-03-29	Wednesday 16:00	222°	+67°	0 dB	0°	222°	+67°	320°	+28°	4.6dB	354°K	402902	-107 Hz
2023-03-29	Wednesday 16:30	234°	+63°	0 dB	0°	234°	+63°	327°	+27°	4.6dB	352°K	402949	-139 Hz
2023-03-29	Wednesday 17:00	244°	+59°	0 dB	0°	244°	+59°	335°	+27°	4.6dB	349°K	402996	-170 Hz
2023-03-29	Wednesday 17:30	252°	+54°	0 dB	0°	252°	+54°	342°	+27°	4.5dB	347°K	403042	-198 Hz
2023-03-29	Wednesday 18:00	259°	+49°	0 dB	0°	259°	+49°	349°	+27°	4.5dB	344°K	403087	-223 Hz
2023-03-29	Wednesday 18:30	265°	+44°	0 dB	0°	265°	+44°	356°	+27°	4.5dB	342°K	403131	-244 Hz
2023-03-29	Wednesday 19:00	270°	+39°	0 dB	0°	270°	+39°	4°	+27°	4.5dB	340°K	403176	-262 Hz
2023-03-29	Wednesday 19:30	275°	+34°	0 dB	0°	275°	+34°	11°	+27°	4.4dB	337°K	403219	-276 Hz
2023-03-29	Wednesday 20:00	280°	+29°	0 dB	0°	280°	+29°	18°	+27°	4.4dB	335°K	403262	-286 Hz
2023-03-29	Wednesday 20:30	285°	+24°	0 dB	0°	285°	+24°	25°	+27°	4.4dB	332°K	403305	-292 Hz
2023-03-29	Wednesday 21:00	289°	+19°	0 dB	0°	289°	+19°	32°	+27°	4.4dB	330°K	403347	-293 Hz
2023-03-29	Wednesday 21:30	294°	+14°	0 dB	0°	294°	+14°	40°	+27°	4.3dB	327°K	403388	-290 Hz
2023-03-29	Wednesday 22:00	299°	+9°	0 dB	0°	299°	+9°	47°	+27°	4.3dB	325°K	403429	-283 Hz
2023-03-29	Wednesday 22:30	304°	+5°	0 dB	0°	304°	+5°	54°	+27°	4.3dB	323°K	403469	-272 Hz
2023-03-29	Wednesday 23:00	308°	+1°	0 dB	0°	308°	+1°	61°	+27°	4.3dB	320°K	403509	-257 Hz
2023-03-30	Thursday 07:30	052°	+1°	0 dB	0°	052°	+1°	185°	+27°	3.7dB	275°K	404101	+218 Hz
2023-03-30	Thursday 08:00	057°	+5°	0 dB	0°	057°	+5°	192°	+27°	3.7dB	272°K	404131	+233 Hz
2023-03-30	Thursday 08:30	062°	+9°	0 dB	0°	062°	+9°	199°	+27°	3.7dB	269°K	404160	+245 Hz
2023-03-30	Thursday 09:00	067°	+14°	0 dB	0°	067°	+14°	206°	+26°	3.6dB	266°K	404189	+252 Hz
2023-03-30	Thursday 09:30	071°	+18°	0 dB	0°	071°	+18°	214°	+26°	3.6dB	263°K	404217	+256 Hz
2023-03-30	Thursday 10:00	076°	+23°	0 dB	0°	076°	+23°	221°	+26°	3.6dB	261°K	404245	+254 Hz
2023-03-30	Thursday 10:30	081°	+28°	0 dB	0°	081°	+28°	228°	+26°	3.5dB	258°K	404272	+249 Hz
2023-03-30	Thursday 11:00	086°	+33°	0 dB	0°	086°	+33°	235°	+26°	3.5dB	255°K	404298	+239 Hz
2023-03-30	Thursday 11:30	091°	+38°	0 dB	0°	091°	+38°	243°	+26°	3.4dB	252°K	404324	+225 Hz
2023-03-30	Thursday 12:00	096°	+43°	0 dB	0°	096°	+43°	250°	+26°	3.4dB	249°K	404350	+207 Hz
2023-03-30	Thursday 12:30	102°	+48°	0 dB	0°	102°	+48°	257°	+26°	3.4dB	246°K	404375	+185 Hz
2023-03-30	Thursday 13:00	109°	+53°	0 dB	0°	109°	+53°	264°	+26°	3.3dB	244°K	404399	+160 Hz
2023-03-30	Thursday 13:30	118°	+58°	0 dB	0°	118°	+58°	272°	+26°	3.3dB	241°K	404423	+132 Hz
2023-03-30	Thursday 14:00	128°	+62°	0 dB	0°	128°	+62°	279°	+26°	3.2dB	238°K	404446	+101 Hz
2023-03-30	Thursday 14:30	140°	+66°	0 dB	0°	140°	+66°	286°	+26°	3.2dB	235°K	404469	+69 Hz
2023-03-30	Thursday 15:00	156°	+68°	0 dB	0°	156°	+68°	293°	+26°	3.2dB	232°K	404491	+34 Hz
2023-03-30	Thursday 15:30	174°	+70°	0 dB	0°	174°	+70°	301°	+26°	3.1dB	230°K	404512	-1 Hz
2023-03-30	Thursday 16:00	193°	+69°	0 dB	0°	193°	+69°	308°	+26°	3.1dB	227°K	404534	-36 Hz
2023-03-30	Thursday 16:30	210°	+67°	0 dB	0°	210°	+67°	315°	+26°	3.1dB	225°K	404554	-71 Hz
2023-03-30	Thursday 17:00	224°	+64°	0 dB	0°	224°	+64°	322°	+26°	3.0dB	224°K	404574	-105 Hz
2023-03-30	Thursday 17:30	236°	+60°	0 dB	0°	236°	+60°	330°	+26°	3.0dB	223°K	404593	-137 Hz
2023-03-30	Thursday 18:00	245°	+56°	0 dB	0°	245°	+56°	337°	+26°	3.0dB	222°K	404612	-168 Hz
2023-03-30	Thursday 18:30	252°	+51°	0 dB	0°	252°	+51°	344°	+26°	3.0dB	221°K	404631	-195 Hz
2023-03-30	Thursday 19:00	259°	+46°	0 dB	0°	259°	+46°	351°	+26°	3.0dB	220°K	404648	-220 Hz
2023-03-30	Thursday 19:30	265°	+41°	0 dB	0°	265°	+41°	359°	+26°	3.0dB	220°K	404666	-241 Hz
2023-03-30	Thursday 20:00	270°	+36°	0 dB	0°	270°	+36°	6°	+26°	3.0dB	219°K	404682	-258 Hz
2023-03-30	Thursday 20:30	275°	+31°	0 dB	0°	275°	+31°	13°	+25°	3.0dB	218°K	404698	-271 Hz
2023-03-30	Thursday 21:00	280°	+26°	0 dB	0°	280°	+26°	20°	+25°	2.9dB	217°K	404714	-279 Hz
2023-03-30	Thursday 21:30	285°	+21°	0 dB	0°	285°	+21°	28°	+25°	2.9dB	216°K	404729	-284 Hz
2023-03-30	Thursday 22:00	289°	+16°	0 dB	0°	289°	+16°	35°	+25°	2.9dB	215°K	404743	-284 Hz
2023-03-30	Thursday 22:30	294°	+11°	0 dB	0°	294°	+11°	42°	+25°	2.9dB	214°K	404757	-279 Hz
2023-03-30	Thursday 23:00	299°	+6°	0 dB	0°	299°	+6°	49°	+25°	2.9dB	213°K	404771	-271 Hz
2023-03-30	Thursday 23:30	304°	+2°	0 dB	0°	304°	+2°	57°	+25°	2.9dB	212°K	404784	-258 Hz
2023-03-31	Fri day 08:30	055°	+0°	0 dB	0°	055°	+0°	187°	+24°	2.6dB	196°K	404924	+242 Hz
2023-03-31	Fri day 09:00	060°	+4°	0 dB	0°	060°	+4°	195°	+24°	2.6dB	195°K	404927	+257 Hz
2023-03-31	Fri day 09:30	065°	+9°	0 dB	0°	065°	+9°	202°	+24°	2.6dB	194°K	404929	+267 Hz
2023-03-31	Fri day 10:00	070°	+14°	0 dB	0°	070°	+14°	209°	+24°	2.6dB	193°K	404930	+273 Hz
2023-03-31	Fri day 10:30	075°	+18°	0 dB	0°	075°	+18°	216°	+24°	2.5dB	192°K	404932	+275 Hz
2023-03-31	Fri day 11:00	080°	+23°	0 dB	0°	080°	+23°	224°	+24°	2.5dB	191°K	404932	+272 Hz
2023-03-31	Fri day 11:30	085°	+28°	0 dB	0°	085°	+28°	231°	+24°	2.5dB	190°K	404932	+265 Hz
2023-03-31	Fri day 12:00	090°	+33°	0 dB	0°	090°	+33°	238°	+24°	2.5dB	189°K	404932	+253 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-03-31	Fri day	12: 30	096°	+38°	0 dB	0°	096°	+38°	245°	+24°	2. 5dB	188°K	404931 +237 Hz
2023-03-31	Fri day	13: 00	101°	+43°	0 dB	0°	101°	+43°	253°	+24°	2. 5dB	187°K	404930 +218 Hz
2023-03-31	Fri day	13: 30	108°	+48°	0 dB	0°	108°	+48°	260°	+23°	2. 5dB	187°K	404928 +194 Hz
2023-03-31	Fri day	14: 00	116°	+53°	0 dB	0°	116°	+53°	267°	+23°	2. 4dB	186°K	404925 +167 Hz
2023-03-31	Fri day	14: 30	125°	+57°	0 dB	0°	125°	+57°	274°	+23°	2. 4dB	185°K	404922 +137 Hz
2023-03-31	Fri day	15: 00	136°	+61°	0 dB	0°	136°	+61°	282°	+23°	2. 4dB	184°K	404919 +105 Hz
2023-03-31	Fri day	15: 30	149°	+64°	0 dB	0°	149°	+64°	289°	+23°	2. 4dB	183°K	404915 +70 Hz
2023-03-31	Fri day	16: 00	164°	+66°	0 dB	0°	164°	+66°	296°	+23°	2. 4dB	182°K	404910 +35 Hz
2023-03-31	Fri day	16: 30	181°	+67°	0 dB	0°	181°	+67°	303°	+23°	2. 3dB	181°K	404905 -1 Hz
2023-03-31	Fri day	17: 00	198°	+66°	0 dB	0°	198°	+66°	311°	+23°	2. 3dB	180°K	404900 -37 Hz
2023-03-31	Fri day	17: 30	213°	+64°	0 dB	0°	213°	+64°	318°	+23°	2. 3dB	179°K	404894 -73 Hz
2023-03-31	Fri day	18: 00	225°	+60°	0 dB	0°	225°	+60°	325°	+23°	2. 3dB	178°K	404887 -107 Hz
2023-03-31	Fri day	18: 30	236°	+56°	0 dB	0°	236°	+56°	333°	+23°	2. 3dB	178°K	404880 -140 Hz
2023-03-31	Fri day	19: 00	245°	+52°	0 dB	0°	245°	+52°	340°	+23°	2. 3dB	177°K	404872 -170 Hz
2023-03-31	Fri day	19: 30	252°	+47°	0 dB	0°	252°	+47°	347°	+23°	2. 3dB	176°K	404864 -197 Hz
2023-03-31	Fri day	20: 00	258°	+42°	0 dB	0°	258°	+42°	354°	+23°	2. 2dB	175°K	404856 -221 Hz
2023-03-31	Fri day	20: 30	264°	+37°	0 dB	0°	264°	+37°	2°	+23°	2. 2dB	174°K	404847 -241 Hz
2023-03-31	Fri day	21: 00	270°	+32°	0 dB	0°	270°	+32°	9°	+22°	2. 2dB	174°K	404837 -257 Hz
2023-03-31	Fri day	21: 30	275°	+27°	0 dB	0°	275°	+27°	16°	+22°	2. 2dB	174°K	404827 -268 Hz
2023-03-31	Fri day	22: 00	279°	+21°	0 dB	0°	279°	+21°	23°	+22°	2. 2dB	174°K	404816 -275 Hz
2023-03-31	Fri day	22: 30	284°	+16°	0 dB	0°	284°	+16°	31°	+22°	2. 2dB	175°K	404805 -278 Hz
2023-03-31	Fri day	23: 00	289°	+12°	0 dB	0°	289°	+12°	38°	+22°	2. 2dB	175°K	404794 -276 Hz
2023-03-31	Fri day	23: 30	294°	+7°	0 dB	0°	294°	+7°	45°	+22°	2. 2dB	175°K	404782 -270 Hz
2023-04-01	Saturday	00: 00	299°	+2°	0 dB	0°	299°	+2°	52°	+22°	2. 2dB	175°K	404769 -259 Hz
2023-04-01	Saturday	10: 00	065°	+4°	0 dB	0°	065°	+4°	198°	+20°	2. 3dB	181°K	404417 +281 Hz
2023-04-01	Saturday	10: 30	070°	+8°	0 dB	0°	070°	+8°	205°	+20°	2. 3dB	182°K	404394 +289 Hz
2023-04-01	Saturday	11: 00	075°	+13°	0 dB	0°	075°	+13°	212°	+20°	2. 3dB	182°K	404371 +294 Hz
2023-04-01	Saturday	11: 30	080°	+18°	0 dB	0°	080°	+18°	220°	+20°	2. 3dB	182°K	404348 +293 Hz
2023-04-01	Saturday	12: 00	085°	+23°	0 dB	0°	085°	+23°	227°	+20°	2. 3dB	182°K	404324 +289 Hz
2023-04-01	Saturday	12: 30	090°	+28°	0 dB	0°	090°	+28°	234°	+20°	2. 3dB	182°K	404299 +279 Hz
2023-04-01	Saturday	13: 00	096°	+33°	0 dB	0°	096°	+33°	241°	+20°	2. 4dB	183°K	404274 +265 Hz
2023-04-01	Saturday	13: 30	102°	+38°	0 dB	0°	102°	+38°	249°	+20°	2. 4dB	183°K	404249 +247 Hz
2023-04-01	Saturday	14: 00	108°	+43°	0 dB	0°	108°	+43°	256°	+20°	2. 4dB	183°K	404223 +224 Hz
2023-04-01	Saturday	14: 30	116°	+48°	0 dB	0°	116°	+48°	263°	+20°	2. 3dB	183°K	404197 +198 Hz
2023-04-01	Saturday	15: 00	124°	+52°	0 dB	0°	124°	+52°	271°	+20°	2. 3dB	183°K	404170 +169 Hz
2023-04-01	Saturday	15: 30	134°	+56°	0 dB	0°	134°	+56°	278°	+19°	2. 3dB	183°K	404143 +137 Hz
2023-04-01	Saturday	16: 00	145°	+59°	0 dB	0°	145°	+59°	285°	+19°	2. 3dB	183°K	404116 +103 Hz
2023-04-01	Saturday	16: 30	158°	+62°	0 dB	0°	158°	+62°	292°	+19°	2. 4dB	184°K	404088 +67 Hz
2023-04-01	Saturday	17: 00	173°	+63°	0 dB	0°	173°	+63°	300°	+19°	2. 4dB	184°K	404059 +30 Hz
2023-04-01	Saturday	17: 30	188°	+63°	0 dB	0°	188°	+63°	307°	+19°	2. 4dB	184°K	404031 -7 Hz
2023-04-01	Saturday	18: 00	203°	+61°	0 dB	0°	203°	+61°	314°	+19°	2. 4dB	184°K	404001 -44 Hz
2023-04-01	Saturday	18: 30	216°	+58°	0 dB	0°	216°	+58°	322°	+19°	2. 4dB	184°K	403972 -80 Hz
2023-04-01	Saturday	19: 00	227°	+55°	0 dB	0°	227°	+55°	329°	+19°	2. 4dB	184°K	403941 -115 Hz
2023-04-01	Saturday	19: 30	236°	+51°	0 dB	0°	236°	+51°	336°	+19°	2. 4dB	184°K	403911 -147 Hz
2023-04-01	Saturday	20: 00	244°	+46°	0 dB	0°	244°	+46°	343°	+19°	2. 4dB	185°K	403880 -177 Hz
2023-04-01	Saturday	20: 30	251°	+42°	0 dB	0°	251°	+42°	351°	+19°	2. 4dB	185°K	403848 -203 Hz
2023-04-01	Saturday	21: 00	258°	+37°	0 dB	0°	258°	+37°	358°	+19°	2. 4dB	185°K	403816 -226 Hz
2023-04-01	Saturday	21: 30	263°	+32°	0 dB	0°	263°	+32°	5°	+18°	2. 4dB	185°K	403784 -244 Hz
2023-04-01	Saturday	22: 00	269°	+26°	0 dB	0°	269°	+26°	12°	+18°	2. 4dB	185°K	403751 -258 Hz
2023-04-01	Saturday	22: 30	274°	+21°	0 dB	0°	274°	+21°	20°	+18°	2. 4dB	185°K	403718 -268 Hz
2023-04-01	Saturday	23: 00	279°	+16°	0 dB	0°	279°	+16°	27°	+18°	2. 4dB	185°K	403685 -273 Hz
2023-04-01	Saturday	23: 30	284°	+11°	0 dB	0°	284°	+11°	34°	+18°	2. 4dB	186°K	403651 -274 Hz
2023-04-02	Sunday	00: 00	289°	+6°	0 dB	0°	289°	+6°	42°	+18°	2. 4dB	186°K	403616 -270 Hz
2023-04-02	Sunday	00: 30	294°	+1°	0 dB	0°	294°	+1°	49°	+18°	2. 4dB	186°K	403582 -261 Hz
2023-04-02	Sunday	11: 00	071°	+3°	0 dB	0°	071°	+3°	202°	+16°	2. 4dB	191°K	402759 +303 Hz
2023-04-02	Sunday	11: 30	076°	+8°	0 dB	0°	076°	+8°	209°	+16°	2. 4dB	191°K	402715 +310 Hz
2023-04-02	Sunday	12: 00	081°	+13°	0 dB	0°	081°	+13°	216°	+16°	2. 4dB	192°K	402671 +311 Hz
2023-04-02	Sunday	12: 30	086°	+18°	0 dB	0°	086°	+18°	224°	+16°	2. 4dB	192°K	402627 +309 Hz
2023-04-02	Sunday	13: 00	092°	+23°	0 dB	0°	092°	+23°	231°	+15°	2. 4dB	192°K	402583 +301 Hz
2023-04-02	Sunday	13: 30	097°	+28°	0 dB	0°	097°	+28°	238°	+15°	2. 4dB	192°K	402538 +289 Hz
2023-04-02	Sunday	14: 00	103°	+33°	0 dB	0°	103°	+33°	245°	+15°	2. 5dB	193°K	402493 +272 Hz
2023-04-02	Sunday	14: 30	109°	+37°	0 dB	0°	109°	+37°	253°	+15°	2. 4dB	193°K	402447 +251 Hz
2023-04-02	Sunday	15: 00	116°	+42°	0 dB	0°	116°	+42°	260°	+15°	2. 4dB	193°K	402401 +226 Hz
2023-04-02	Sunday	15: 30	124°	+46°	0 dB	0°	124°	+46°	267°	+15°	2. 4dB	193°K	402355 +197 Hz
2023-04-02	Sunday	16: 00	133°	+50°	0 dB	0°	133°	+50°	275°	+15°	2. 5dB	194°K	402308 +165 Hz
2023-04-02	Sunday	16: 30	143°	+54°	0 dB	0°	143°	+54°	282°	+15°	2. 5dB	194°K	402261 +131 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-02	Sunday	17:00	155°	+56°	0 dB	0°	155°	+56°	289°	+15°	2.5dB	194°K	402214 +95 Hz
2023-04-02	Sunday	17:30	168°	+58°	0 dB	0°	168°	+58°	296°	+15°	2.5dB	195°K	402166 +57 Hz
2023-04-02	Sunday	18:00	181°	+58°	0 dB	0°	181°	+58°	304°	+14°	2.5dB	195°K	402118 +19 Hz
2023-04-02	Sunday	18:30	195°	+57°	0 dB	0°	195°	+57°	311°	+14°	2.5dB	195°K	402070 -19 Hz
2023-04-02	Sunday	19:00	207°	+55°	0 dB	0°	207°	+55°	318°	+14°	2.5dB	195°K	402021 -57 Hz
2023-04-02	Sunday	19:30	218°	+52°	0 dB	0°	218°	+52°	326°	+14°	2.5dB	196°K	401972 -93 Hz
2023-04-02	Sunday	20:00	228°	+49°	0 dB	0°	228°	+49°	333°	+14°	2.5dB	196°K	401923 -127 Hz
2023-04-02	Sunday	20:30	236°	+45°	0 dB	0°	236°	+45°	340°	+14°	2.5dB	196°K	401873 -159 Hz
2023-04-02	Sunday	21:00	244°	+40°	0 dB	0°	244°	+40°	347°	+14°	2.5dB	196°K	401823 -188 Hz
2023-04-02	Sunday	21:30	251°	+35°	0 dB	0°	251°	+35°	355°	+14°	2.5dB	197°K	401773 -212 Hz
2023-04-02	Sunday	22:00	257°	+30°	0 dB	0°	257°	+30°	2°	+14°	2.5dB	197°K	401722 -233 Hz
2023-04-02	Sunday	22:30	262°	+25°	0 dB	0°	262°	+25°	9°	+14°	2.5dB	197°K	401671 -250 Hz
2023-04-02	Sunday	23:00	268°	+20°	0 dB	0°	268°	+20°	17°	+13°	2.5dB	198°K	401620 -262 Hz
2023-04-02	Sunday	23:30	273°	+15°	0 dB	0°	273°	+15°	24°	+13°	2.5dB	198°K	401568 -269 Hz
2023-04-02	Monday	00:00	278°	+10°	0 dB	0°	278°	+10°	31°	+13°	2.5dB	198°K	401516 -272 Hz
2023-04-03	Monday	00:30	283°	+5°	0 dB	0°	283°	+5°	38°	+13°	2.5dB	198°K	401464 -269 Hz
2023-04-03	Monday	01:00	288°	-0°	0 dB	0°	288°	-0°	46°	+13°	2.5dB	199°K	401411 -262 Hz
2023-04-03	Monday	12:00	078°	+2°	0 dB	0°	078°	+2°	206°	+11°	2.6dB	205°K	400179 +321 Hz
2023-04-03	Monday	12:30	083°	+7°	0 dB	0°	083°	+7°	213°	+11°	2.5dB	205°K	400120 +325 Hz
2023-04-03	Monday	13:00	088°	+12°	0 dB	0°	088°	+12°	221°	+10°	2.5dB	205°K	400060 +323 Hz
2023-04-03	Monday	13:30	093°	+17°	0 dB	0°	093°	+17°	228°	+10°	2.5dB	205°K	400001 +318 Hz
2023-04-03	Monday	14:00	099°	+22°	0 dB	0°	099°	+22°	235°	+10°	2.6dB	206°K	399941 +307 Hz
2023-04-03	Monday	14:30	105°	+27°	0 dB	0°	105°	+27°	242°	+10°	2.6dB	206°K	399881 +291 Hz
2023-04-03	Monday	15:00	111°	+31°	0 dB	0°	111°	+31°	250°	+10°	2.6dB	206°K	399820 +272 Hz
2023-04-03	Monday	15:30	118°	+36°	0 dB	0°	118°	+36°	257°	+10°	2.6dB	206°K	399759 +247 Hz
2023-04-03	Monday	16:00	125°	+40°	0 dB	0°	125°	+40°	264°	+10°	2.6dB	207°K	399698 +220 Hz
2023-04-03	Monday	16:30	134°	+44°	0 dB	0°	134°	+44°	272°	+10°	2.6dB	207°K	399637 +188 Hz
2023-04-03	Monday	17:00	143°	+47°	0 dB	0°	143°	+47°	279°	+9°	2.6dB	207°K	399576 +154 Hz
2023-04-03	Monday	17:30	153°	+50°	0 dB	0°	153°	+50°	286°	+9°	2.6dB	208°K	399514 +118 Hz
2023-04-03	Monday	18:00	164°	+52°	0 dB	0°	164°	+52°	293°	+9°	2.6dB	208°K	399452 +80 Hz
2023-04-03	Monday	18:30	176°	+53°	0 dB	0°	176°	+53°	301°	+9°	2.6dB	208°K	399390 +41 Hz
2023-04-03	Monday	19:00	188°	+52°	0 dB	0°	188°	+52°	308°	+9°	2.6dB	208°K	399328 +2 Hz
2023-04-03	Monday	19:30	200°	+51°	0 dB	0°	200°	+51°	315°	+9°	2.6dB	209°K	399265 -37 Hz
2023-04-03	Monday	20:00	211°	+49°	0 dB	0°	211°	+49°	323°	+9°	2.6dB	209°K	399202 -74 Hz
2023-04-03	Monday	20:30	220°	+46°	0 dB	0°	220°	+46°	330°	+9°	2.6dB	209°K	399139 -110 Hz
2023-04-03	Monday	21:00	229°	+42°	0 dB	0°	229°	+42°	337°	+9°	2.6dB	209°K	399076 -143 Hz
2023-04-03	Monday	21:30	237°	+38°	0 dB	0°	237°	+38°	344°	+8°	2.6dB	210°K	399012 -174 Hz
2023-04-03	Monday	22:00	244°	+33°	0 dB	0°	244°	+33°	352°	+8°	2.6dB	210°K	398948 -200 Hz
2023-04-03	Monday	22:30	250°	+28°	0 dB	0°	250°	+28°	359°	+8°	2.6dB	210°K	398884 -223 Hz
2023-04-03	Monday	23:00	256°	+23°	0 dB	0°	256°	+23°	6°	+8°	2.6dB	211°K	398820 -242 Hz
2023-04-03	Monday	23:30	262°	+18°	0 dB	0°	262°	+18°	14°	+8°	2.6dB	211°K	398756 -256 Hz
2023-04-04	Tuesday	00:00	267°	+13°	0 dB	0°	267°	+13°	21°	+8°	2.6dB	211°K	398691 -265 Hz
2023-04-04	Tuesday	00:30	272°	+8°	0 dB	0°	272°	+8°	28°	+8°	2.6dB	211°K	398626 -269 Hz
2023-04-04	Tuesday	01:00	277°	+3°	0 dB	0°	277°	+3°	36°	+8°	2.6dB	212°K	398561 -269 Hz
2023-04-04	Tuesday	13:00	085°	+1°	0 dB	0°	085°	+1°	210°	+5°	3.0dB	242°K	396944 +332 Hz
2023-04-04	Tuesday	13:30	090°	+6°	0 dB	0°	090°	+6°	218°	+5°	3.0dB	243°K	396874 +332 Hz
2023-04-04	Tuesday	14:00	096°	+11°	0 dB	0°	096°	+11°	225°	+5°	3.0dB	245°K	396805 +328 Hz
2023-04-04	Tuesday	14:30	101°	+16°	0 dB	0°	101°	+16°	232°	+4°	3.0dB	246°K	396735 +319 Hz
2023-04-04	Tuesday	15:00	107°	+21°	0 dB	0°	107°	+21°	240°	+4°	3.1dB	248°K	396665 +305 Hz
2023-04-04	Tuesday	15:30	113°	+25°	0 dB	0°	113°	+25°	247°	+4°	3.1dB	249°K	396595 +287 Hz
2023-04-04	Tuesday	16:00	119°	+30°	0 dB	0°	119°	+30°	254°	+4°	3.1dB	251°K	396525 +264 Hz
2023-04-04	Tuesday	16:30	127°	+34°	0 dB	0°	127°	+34°	262°	+4°	3.1dB	252°K	396454 +237 Hz
2023-04-04	Tuesday	17:00	134°	+38°	0 dB	0°	134°	+38°	269°	+4°	3.1dB	254°K	396384 +206 Hz
2023-04-04	Tuesday	17:30	143°	+41°	0 dB	0°	143°	+41°	276°	+4°	3.1dB	255°K	396313 +173 Hz
2023-04-04	Tuesday	18:00	152°	+44°	0 dB	0°	152°	+44°	283°	+4°	3.2dB	257°K	396242 +137 Hz
2023-04-04	Tuesday	18:30	162°	+46°	0 dB	0°	162°	+46°	291°	+4°	3.2dB	258°K	396172 +99 Hz
2023-04-04	Tuesday	19:00	173°	+47°	0 dB	0°	173°	+47°	298°	+3°	3.2dB	260°K	396101 +60 Hz
2023-04-04	Tuesday	19:30	183°	+47°	0 dB	0°	183°	+47°	305°	+3°	3.2dB	261°K	396029 +21 Hz
2023-04-04	Tuesday	20:00	194°	+46°	0 dB	0°	194°	+46°	313°	+3°	3.2dB	263°K	395958 -19 Hz
2023-04-04	Tuesday	20:30	204°	+44°	0 dB	0°	204°	+44°	320°	+3°	3.2dB	264°K	395887 -57 Hz
2023-04-04	Tuesday	21:00	213°	+41°	0 dB	0°	213°	+41°	327°	+3°	3.3dB	266°K	395815 -94 Hz
2023-04-04	Tuesday	21:30	222°	+38°	0 dB	0°	222°	+38°	334°	+3°	3.3dB	267°K	395743 -128 Hz
2023-04-04	Tuesday	22:00	230°	+34°	0 dB	0°	230°	+34°	342°	+3°	3.3dB	269°K	395672 -160 Hz
2023-04-04	Tuesday	22:30	237°	+30°	0 dB	0°	237°	+30°	349°	+3°	3.3dB	271°K	395600 -188 Hz
2023-04-04	Tuesday	23:00	243°	+26°	0 dB	0°	243°	+26°	356°	+2°	3.3dB	272°K	395528 -213 Hz
2023-04-04	Tuesday	23:30	250°	+21°	0 dB	0°	250°	+21°	4°	+2°	3.4dB	274°K	395456 -233 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-05	Wednesday00:00	255°	+16°	0 dB	0°	255°	+16°	11°	+2°	3.4dB	275°K	395384	-249 Hz
2023-04-05	Wednesday00:30	261°	+11°	0 dB	0°	261°	+11°	18°	+2°	3.4dB	277°K	395311	-260 Hz
2023-04-05	Wednesday01:00	266°	+6°	0 dB	0°	266°	+6°	25°	+2°	3.4dB	279°K	395239	-266 Hz
2023-04-05	Wednesday01:30	271°	+1°	0 dB	0°	271°	+1°	33°	+2°	3.4dB	280°K	395166	-267 Hz
2023-04-05	Wednesday14:00	092°	-0°	0 dB	0°	092°	-0°	215°	-1°	3.7dB	313°K	393325	+335 Hz
2023-04-05	Wednesday14:30	098°	+5°	0 dB	0°	098°	+5°	222°	-1°	3.7dB	313°K	393251	+333 Hz
2023-04-05	Wednesday15:00	103°	+9°	0 dB	0°	103°	+9°	230°	-1°	3.7dB	313°K	393176	+325 Hz
2023-04-05	Wednesday15:30	109°	+14°	0 dB	0°	109°	+14°	237°	-2°	3.7dB	313°K	393102	+313 Hz
2023-04-05	Wednesday16:00	115°	+19°	0 dB	0°	115°	+19°	244°	-2°	3.7dB	313°K	393027	+296 Hz
2023-04-05	Wednesday16:30	121°	+23°	0 dB	0°	121°	+23°	251°	-2°	3.7dB	313°K	392952	+275 Hz
2023-04-05	Wednesday17:00	128°	+27°	0 dB	0°	128°	+27°	259°	-2°	3.7dB	313°K	392878	+249 Hz
2023-04-05	Wednesday17:30	135°	+31°	0 dB	0°	135°	+31°	266°	-2°	3.7dB	313°K	392803	+220 Hz
2023-04-05	Wednesday18:00	143°	+34°	0 dB	0°	143°	+34°	273°	-2°	3.7dB	313°K	392728	+187 Hz
2023-04-05	Wednesday18:30	151°	+37°	0 dB	0°	151°	+37°	281°	-2°	3.7dB	313°K	392653	+152 Hz
2023-04-05	Wednesday19:00	160°	+39°	0 dB	0°	160°	+39°	288°	-2°	3.7dB	313°K	392578	+115 Hz
2023-04-05	Wednesday19:30	170°	+40°	0 dB	0°	170°	+40°	295°	-3°	3.7dB	313°K	392503	+77 Hz
2023-04-05	Wednesday20:00	179°	+41°	0 dB	0°	179°	+41°	302°	-3°	3.7dB	313°K	392428	+37 Hz
2023-04-05	Wednesday20:30	189°	+40°	0 dB	0°	189°	+40°	310°	-3°	3.7dB	313°K	392353	-2 Hz
2023-04-05	Wednesday21:00	198°	+39°	0 dB	0°	198°	+39°	317°	-3°	3.7dB	313°K	392278	-41 Hz
2023-04-05	Wednesday21:30	207°	+37°	0 dB	0°	207°	+37°	324°	-3°	3.7dB	313°K	392203	-78 Hz
2023-04-05	Wednesday22:00	215°	+34°	0 dB	0°	215°	+34°	332°	-3°	3.7dB	313°K	392128	-113 Hz
2023-04-05	Wednesday22:30	223°	+31°	0 dB	0°	223°	+31°	339°	-3°	3.7dB	313°K	392053	-146 Hz
2023-04-05	Wednesday23:00	230°	+27°	0 dB	0°	230°	+27°	346°	-3°	3.7dB	313°K	391978	-175 Hz
2023-04-05	Wednesday23:30	237°	+23°	0 dB	0°	237°	+23°	353°	-4°	3.7dB	313°K	391903	-201 Hz
2023-04-06	Thursday 00:00	243°	+18°	0 dB	0°	243°	+18°	1°	-4°	3.7dB	313°K	391828	-223 Hz
2023-04-06	Thursday 00:30	249°	+13°	0 dB	0°	249°	+13°	8°	-4°	3.7dB	313°K	391752	-240 Hz
2023-04-06	Thursday 01:00	254°	+8°	0 dB	0°	254°	+8°	15°	-4°	3.7dB	313°K	391677	-253 Hz
2023-04-06	Thursday 01:30	260°	+3°	0 dB	0°	260°	+3°	23°	-4°	3.7dB	313°K	391602	-261 Hz
2023-04-06	Thursday 15:00	105°	+3°	0 dB	0°	105°	+3°	226°	-8°	3.5dB	306°K	389496	+325 Hz
2023-04-06	Thursday 16:00	110°	+8°	0 dB	0°	110°	+8°	234°	-8°	3.5dB	306°K	389421	+315 Hz
2023-04-06	Thursday 16:30	116°	+12°	0 dB	0°	116°	+12°	241°	-8°	3.5dB	306°K	389346	+300 Hz
2023-04-06	Thursday 17:00	122°	+17°	0 dB	0°	122°	+17°	248°	-8°	3.5dB	305°K	389271	+281 Hz
2023-04-06	Thursday 17:30	128°	+21°	0 dB	0°	128°	+21°	256°	-8°	3.5dB	305°K	389196	+257 Hz
2023-04-06	Thursday 18:00	135°	+24°	0 dB	0°	135°	+24°	263°	-8°	3.5dB	305°K	389122	+230 Hz
2023-04-06	Thursday 18:30	142°	+27°	0 dB	0°	142°	+27°	270°	-8°	3.4dB	304°K	389047	+199 Hz
2023-04-06	Thursday 19:00	150°	+30°	0 dB	0°	150°	+30°	277°	-8°	3.4dB	304°K	388972	+166 Hz
2023-04-06	Thursday 19:30	158°	+32°	0 dB	0°	158°	+32°	285°	-8°	3.4dB	304°K	388897	+130 Hz
2023-04-06	Thursday 20:00	167°	+34°	0 dB	0°	167°	+34°	292°	-9°	3.4dB	305°K	388823	+92 Hz
2023-04-06	Thursday 20:30	175°	+34°	0 dB	0°	175°	+34°	299°	-9°	3.5dB	306°K	388748	+54 Hz
2023-04-06	Thursday 21:00	184°	+34°	0 dB	0°	184°	+34°	307°	-9°	3.4dB	306°K	388673	+15 Hz
2023-04-06	Thursday 21:30	193°	+33°	0 dB	0°	193°	+33°	314°	-9°	3.5dB	307°K	388599	-23 Hz
2023-04-06	Thursday 22:00	201°	+32°	0 dB	0°	201°	+32°	321°	-9°	3.5dB	308°K	388524	-61 Hz
2023-04-06	Thursday 22:30	209°	+29°	0 dB	0°	209°	+29°	328°	-9°	3.5dB	309°K	388450	-96 Hz
2023-04-06	Thursday 23:00	217°	+27°	0 dB	0°	217°	+27°	336°	-9°	3.5dB	309°K	388375	-130 Hz
2023-04-06	Thursday 23:30	224°	+23°	0 dB	0°	224°	+23°	343°	-9°	3.5dB	310°K	388301	-160 Hz
2023-04-07	Fri day 00:00	230°	+19°	0 dB	0°	230°	+19°	350°	-10°	3.5dB	311°K	388227	-187 Hz
2023-04-07	Fri day 00:30	237°	+15°	0 dB	0°	237°	+15°	357°	-10°	3.5dB	311°K	388152	-210 Hz
2023-04-07	Fri day 01:00	242°	+11°	0 dB	0°	242°	+11°	5°	-10°	3.5dB	312°K	388078	-229 Hz
2023-04-07	Fri day 01:30	248°	+6°	0 dB	0°	248°	+6°	12°	-10°	3.5dB	313°K	388004	-243 Hz
2023-04-07	Fri day 02:00	253°	+1°	0 dB	0°	253°	+1°	19°	-10°	3.5dB	314°K	387930	-253 Hz
2023-04-07	Fri day 16:30	112°	+1°	0 dB	0°	112°	+1°	230°	-13°	3.7dB	340°K	385808	+312 Hz
2023-04-07	Fri day 17:00	117°	+5°	0 dB	0°	117°	+5°	237°	-14°	3.7dB	341°K	385736	+300 Hz
2023-04-07	Fri day 17:30	123°	+10°	0 dB	0°	123°	+10°	245°	-14°	3.7dB	342°K	385664	+283 Hz
2023-04-07	Fri day 18:00	129°	+14°	0 dB	0°	129°	+14°	252°	-14°	3.7dB	344°K	385592	+262 Hz
2023-04-07	Fri day 18:30	135°	+17°	0 dB	0°	135°	+17°	259°	-14°	3.7dB	345°K	385521	+237 Hz
2023-04-07	Fri day 19:00	142°	+21°	0 dB	0°	142°	+21°	266°	-14°	3.8dB	346°K	385449	+209 Hz
2023-04-07	Fri day 19:30	149°	+23°	0 dB	0°	149°	+23°	274°	-14°	3.8dB	347°K	385377	+178 Hz
2023-04-07	Fri day 20:00	156°	+26°	0 dB	0°	156°	+26°	281°	-14°	3.8dB	348°K	385306	+144 Hz
2023-04-07	Fri day 20:30	164°	+27°	0 dB	0°	164°	+27°	288°	-14°	3.8dB	350°K	385234	+108 Hz
2023-04-07	Fri day 21:00	172°	+28°	0 dB	0°	172°	+28°	295°	-14°	3.8dB	351°K	385163	+71 Hz
2023-04-07	Fri day 21:30	180°	+29°	0 dB	0°	180°	+29°	303°	-15°	3.8dB	352°K	385092	+33 Hz
2023-04-07	Fri day 22:00	188°	+28°	0 dB	0°	188°	+28°	310°	-15°	3.8dB	353°K	385021	-4 Hz
2023-04-07	Fri day 22:30	196°	+27°	0 dB	0°	196°	+27°	317°	-15°	3.8dB	354°K	384950	-41 Hz
2023-04-07	Fri day 23:00	203°	+25°	0 dB	0°	203°	+25°	325°	-15°	3.8dB	356°K	384879	-77 Hz
2023-04-07	Fri day 23:30	211°	+23°	0 dB	0°	211°	+23°	332°	-15°	3.8dB	357°K	384808	-110 Hz
2023-04-08	Saturday 00:00	217°	+20°	0 dB	0°	217°	+20°	339°	-15°	3.8dB	358°K	384737	-141 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-04-08	Saturday	00:30	224°	+16°	0 dB	0°	224°	+16°	346°	-15°	3.9dB	359°K	384666	-169 Hz
2023-04-08	Saturday	01:00	230°	+13°	0 dB	0°	230°	+13°	354°	-15°	3.9dB	360°K	384596	-193 Hz
2023-04-08	Saturday	01:30	236°	+9°	0 dB	0°	236°	+9°	1°	-15°	3.9dB	361°K	384525	-214 Hz
2023-04-08	Saturday	02:00	241°	+4°	0 dB	0°	241°	+4°	8°	-16°	3.9dB	363°K	384455	-230 Hz
2023-04-08	Saturday	02:30	247°	-0°	0 dB	0°	247°	-0°	15°	-16°	3.9dB	364°K	384384	-242 Hz
2023-04-08	Saturday	18:00	122°	+3°	0 dB	0°	122°	+3°	240°	-19°	4.1dB	396°K	382257	+284 Hz
2023-04-08	Saturday	18:30	128°	+7°	0 dB	0°	128°	+7°	247°	-19°	4.1dB	397°K	382190	+266 Hz
2023-04-08	Saturday	19:00	134°	+11°	0 dB	0°	134°	+11°	255°	-19°	4.1dB	398°K	382123	+244 Hz
2023-04-08	Saturday	19:30	140°	+14°	0 dB	0°	140°	+14°	262°	-19°	4.1dB	399°K	382056	+218 Hz
2023-04-08	Saturday	20:00	146°	+17°	0 dB	0°	146°	+17°	269°	-19°	4.1dB	400°K	381990	+190 Hz
2023-04-08	Saturday	20:30	153°	+19°	0 dB	0°	153°	+19°	276°	-19°	4.1dB	401°K	381923	+159 Hz
2023-04-08	Saturday	21:00	160°	+21°	0 dB	0°	160°	+21°	284°	-20°	4.2dB	402°K	381857	+125 Hz
2023-04-08	Saturday	21:30	168°	+23°	0 dB	0°	168°	+23°	291°	-20°	4.2dB	403°K	381791	+90 Hz
2023-04-08	Saturday	22:00	175°	+23°	0 dB	0°	175°	+23°	298°	-20°	4.2dB	404°K	381725	+54 Hz
2023-04-08	Saturday	22:30	182°	+23°	0 dB	0°	182°	+23°	305°	-20°	4.2dB	405°K	381659	+18 Hz
2023-04-08	Saturday	23:00	190°	+23°	0 dB	0°	190°	+23°	313°	-20°	4.2dB	406°K	381593	-18 Hz
2023-04-08	Saturday	23:30	197°	+21°	0 dB	0°	197°	+21°	320°	-20°	4.2dB	407°K	381527	-53 Hz
2023-04-09	Sunday	00:00	204°	+19°	0 dB	0°	204°	+19°	327°	-20°	4.2dB	408°K	381462	-87 Hz
2023-04-09	Sunday	00:30	211°	+17°	0 dB	0°	211°	+17°	334°	-20°	4.2dB	409°K	381396	-118 Hz
2023-04-09	Sunday	01:00	217°	+14°	0 dB	0°	217°	+14°	342°	-20°	4.2dB	410°K	381331	-147 Hz
2023-04-09	Sunday	01:30	223°	+11°	0 dB	0°	223°	+11°	349°	-20°	4.2dB	411°K	381265	-173 Hz
2023-04-09	Sunday	02:00	229°	+7°	0 dB	0°	229°	+7°	356°	-20°	4.2dB	412°K	381200	-195 Hz
2023-04-09	Sunday	02:30	235°	+3°	0 dB	0°	235°	+3°	3°	-21°	4.2dB	413°K	381135	-213 Hz
2023-04-09	Sunday	19:00	127°	+0°	0 dB	0°	127°	+0°	242°	-23°	4.8dB	492°K	379058	+269 Hz
2023-04-09	Sunday	19:30	132°	+4°	0 dB	0°	132°	+4°	249°	-23°	4.8dB	498°K	378997	+250 Hz
2023-04-09	Sunday	20:00	138°	+8°	0 dB	0°	138°	+8°	256°	-24°	4.9dB	503°K	378936	+229 Hz
2023-04-09	Sunday	20:30	144°	+11°	0 dB	0°	144°	+11°	264°	-24°	4.9dB	508°K	378876	+203 Hz
2023-04-09	Sunday	21:00	150°	+14°	0 dB	0°	150°	+14°	271°	-24°	4.9dB	513°K	378815	+175 Hz
2023-04-09	Sunday	21:30	156°	+16°	0 dB	0°	156°	+16°	278°	-24°	5.0dB	518°K	378755	+145 Hz
2023-04-09	Sunday	22:00	163°	+17°	0 dB	0°	163°	+17°	285°	-24°	5.0dB	523°K	378695	+112 Hz
2023-04-09	Sunday	22:30	170°	+19°	0 dB	0°	170°	+19°	292°	-24°	5.1dB	529°K	378635	+78 Hz
2023-04-09	Sunday	23:00	177°	+19°	0 dB	0°	177°	+19°	300°	-24°	5.1dB	534°K	378575	+44 Hz
2023-04-09	Sunday	23:30	184°	+19°	0 dB	0°	184°	+19°	307°	-24°	5.1dB	539°K	378515	+9 Hz
2023-04-10	Monday	00:00	191°	+18°	0 dB	0°	191°	+18°	314°	-24°	5.2dB	544°K	378455	-26 Hz
2023-04-10	Monday	00:30	198°	+17°	0 dB	0°	198°	+17°	321°	-24°	5.2dB	550°K	378396	-59 Hz
2023-04-10	Monday	01:00	204°	+15°	0 dB	0°	204°	+15°	329°	-24°	5.2dB	555°K	378336	-91 Hz
2023-04-10	Monday	01:30	211°	+13°	0 dB	0°	211°	+13°	336°	-24°	5.3dB	560°K	378277	-121 Hz
2023-04-10	Monday	02:00	217°	+10°	0 dB	0°	217°	+10°	343°	-24°	5.3dB	565°K	378218	-148 Hz
2023-04-10	Monday	02:30	222°	+7°	0 dB	0°	222°	+7°	350°	-24°	5.3dB	570°K	378159	-172 Hz
2023-04-10	Monday	03:00	228°	+3°	0 dB	0°	228°	+3°	357°	-25°	5.4dB	576°K	378100	-193 Hz
2023-04-10	Monday	20:30	134°	+2°	0 dB	0°	134°	+2°	250°	-27°	7.5dB	1012°K	376118	+240 Hz
2023-04-10	Monday	21:00	140°	+5°	0 dB	0°	140°	+5°	257°	-27°	7.7dB	1043°K	376063	+219 Hz
2023-04-10	Monday	21:30	145°	+8°	0 dB	0°	145°	+8°	264°	-27°	7.8dB	1074°K	376009	+194 Hz
2023-04-10	Monday	22:00	151°	+11°	0 dB	0°	151°	+11°	271°	-27°	7.9dB	1106°K	375955	+167 Hz
2023-04-10	Monday	22:30	158°	+13°	0 dB	0°	158°	+13°	279°	-27°	8.0dB	1137°K	375901	+137 Hz
2023-04-10	Monday	23:00	164°	+15°	0 dB	0°	164°	+15°	286°	-27°	8.1dB	1168°K	375848	+105 Hz
2023-04-10	Monday	23:30	171°	+16°	0 dB	0°	171°	+16°	293°	-27°	8.2dB	1199°K	375794	+73 Hz
2023-04-11	Tuesday	00:00	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	8.3dB	1231°K	375741	+39 Hz
2023-04-11	Tuesday	00:30	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	8.4dB	1262°K	375687	+5 Hz
2023-04-11	Tuesday	01:00	191°	+15°	0 dB	0°	191°	+15°	315°	-27°	8.5dB	1293°K	375634	-28 Hz
2023-04-11	Tuesday	01:30	197°	+14°	0 dB	0°	197°	+14°	322°	-27°	8.6dB	1325°K	375581	-61 Hz
2023-04-11	Tuesday	02:00	204°	+12°	0 dB	0°	204°	+12°	329°	-27°	8.7dB	1356°K	375528	-92 Hz
2023-04-11	Tuesday	02:30	210°	+10°	0 dB	0°	210°	+10°	336°	-27°	8.8dB	1388°K	375475	-121 Hz
2023-04-11	Tuesday	03:00	216°	+7°	0 dB	0°	216°	+7°	344°	-27°	8.9dB	1419°K	375422	-147 Hz
2023-04-11	Tuesday	03:30	221°	+4°	0 dB	0°	221°	+4°	351°	-27°	9.0dB	1451°K	375370	-170 Hz
2023-04-11	Tuesday	04:00	227°	+1°	0 dB	0°	227°	+1°	358°	-27°	9.1dB	1482°K	375317	-190 Hz
2023-04-11	Tuesday	21:30	135°	+1°	0 dB	0°	135°	+1°	250°	-28°	11.8dB	2888°K	373568	+235 Hz
2023-04-11	Tuesday	22:00	140°	+4°	0 dB	0°	140°	+4°	257°	-28°	11.7dB	2835°K	373520	+215 Hz
2023-04-11	Tuesday	22:30	146°	+7°	0 dB	0°	146°	+7°	264°	-28°	11.7dB	2782°K	373473	+190 Hz
2023-04-11	Tuesday	23:00	152°	+10°	0 dB	0°	152°	+10°	271°	-28°	11.6dB	2729°K	373426	+164 Hz
2023-04-11	Tuesday	23:30	158°	+12°	0 dB	0°	158°	+12°	279°	-28°	11.5dB	2675°K	373378	+135 Hz
2023-04-12	Wednesday	00:00	164°	+13°	0 dB	0°	164°	+13°	286°	-28°	11.4dB	2622°K	373332	+104 Hz
2023-04-12	Wednesday	00:30	171°	+15°	0 dB	0°	171°	+15°	293°	-28°	11.3dB	2569°K	373285	+71 Hz
2023-04-12	Wednesday	01:00	177°	+15°	0 dB	0°	177°	+15°	300°	-28°	11.2dB	2515°K	373238	+38 Hz
2023-04-12	Wednesday	01:30	184°	+15°	0 dB	0°	184°	+15°	307°	-28°	11.1dB	2462°K	373192	+5 Hz
2023-04-12	Wednesday	02:00	191°	+14°	0 dB	0°	191°	+14°	315°	-28°	11.0dB	2409°K	373145	-28 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-12	Wednesday02:30	197°	+13°	0 dB	0°	197°	+13°	322°	-28°	10.9dB	2355°K	373099	-61 Hz
2023-04-12	Wednesday03:00	203°	+11°	0 dB	0°	203°	+11°	329°	-28°	10.8dB	2302°K	373053	-91 Hz
2023-04-12	Wednesday03:30	209°	+9°	0 dB	0°	209°	+9°	336°	-28°	10.7dB	2249°K	373007	-120 Hz
2023-04-12	Wednesday04:00	215°	+7°	0 dB	0°	215°	+7°	343°	-28°	10.6dB	2195°K	372961	-146 Hz
2023-04-12	Wednesday04:30	221°	+3°	0 dB	0°	221°	+3°	350°	-28°	10.5dB	2142°K	372916	-170 Hz
2023-04-12	Wednesday05:00	226°	+0°	0 dB	0°	226°	+0°	358°	-28°	10.4dB	2088°K	372870	-190 Hz
2023-04-12	Wednesday22:30	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	5.7dB	684°K	371378	+235 Hz
2023-04-12	Wednesday23:00	140°	+4°	0 dB	0°	140°	+4°	257°	-27°	5.6dB	668°K	371339	+215 Hz
2023-04-12	Wednesday23:30	145°	+8°	0 dB	0°	145°	+8°	264°	-27°	5.5dB	653°K	371299	+191 Hz
2023-04-13	Thursday 00:00	151°	+10°	0 dB	0°	151°	+10°	271°	-27°	5.5dB	638°K	371260	+164 Hz
2023-04-13	Thursday 00:30	157°	+12°	0 dB	0°	157°	+12°	278°	-27°	5.4dB	623°K	371221	+135 Hz
2023-04-13	Thursday 01:00	164°	+14°	0 dB	0°	164°	+14°	285°	-27°	5.3dB	608°K	371182	+104 Hz
2023-04-13	Thursday 01:30	170°	+15°	0 dB	0°	170°	+15°	293°	-27°	5.2dB	592°K	371143	+71 Hz
2023-04-13	Thursday 02:00	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	5.1dB	577°K	371104	+38 Hz
2023-04-13	Thursday 02:30	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	4.9dB	562°K	371066	+4 Hz
2023-04-13	Thursday 03:00	190°	+15°	0 dB	0°	190°	+15°	314°	-27°	4.8dB	547°K	371027	-29 Hz
2023-04-13	Thursday 03:30	197°	+14°	0 dB	0°	197°	+14°	321°	-27°	4.7dB	532°K	370989	-62 Hz
2023-04-13	Thursday 04:00	203°	+12°	0 dB	0°	203°	+12°	328°	-27°	4.6dB	519°K	370951	-93 Hz
2023-04-13	Thursday 04:30	209°	+10°	0 dB	0°	209°	+10°	336°	-27°	4.6dB	513°K	370914	-122 Hz
2023-04-13	Thursday 05:00	215°	+8°	0 dB	0°	215°	+8°	343°	-27°	4.5dB	506°K	370876	-149 Hz
2023-04-13	Thursday 05:30	221°	+5°	0 dB	0°	221°	+5°	350°	-27°	4.5dB	499°K	370839	-173 Hz
2023-04-13	Thursday 06:00	226°	+1°	0 dB	0°	226°	+1°	357°	-27°	4.4dB	493°K	370802	-194 Hz
2023-04-13	Thursday 23:30	133°	+3°	0 dB	0°	133°	+3°	249°	-25°	2.9dB	339°K	369624	+238 Hz
2023-04-14	Friday 00:00	138°	+7°	0 dB	0°	138°	+7°	256°	-25°	2.9dB	337°K	369594	+217 Hz
2023-04-14	Friday 00:30	144°	+10°	0 dB	0°	144°	+10°	264°	-25°	2.9dB	336°K	369565	+192 Hz
2023-04-14	Friday 01:00	150°	+13°	0 dB	0°	150°	+13°	271°	-25°	2.9dB	334°K	369535	+165 Hz
2023-04-14	Friday 01:30	156°	+15°	0 dB	0°	156°	+15°	278°	-25°	2.9dB	332°K	369506	+135 Hz
2023-04-14	Friday 02:00	163°	+17°	0 dB	0°	163°	+17°	285°	-25°	2.8dB	330°K	369477	+103 Hz
2023-04-14	Friday 02:30	170°	+18°	0 dB	0°	170°	+18°	292°	-25°	2.8dB	328°K	369448	+70 Hz
2023-04-14	Friday 03:00	177°	+19°	0 dB	0°	177°	+19°	300°	-24°	2.8dB	326°K	369420	+35 Hz
2023-04-14	Friday 03:30	184°	+19°	0 dB	0°	184°	+19°	307°	-24°	2.8dB	326°K	369392	+1 Hz
2023-04-14	Friday 04:00	191°	+18°	0 dB	0°	191°	+18°	314°	-24°	2.8dB	326°K	369364	-34 Hz
2023-04-14	Friday 04:30	197°	+17°	0 dB	0°	197°	+17°	321°	-24°	2.8dB	326°K	369336	-67 Hz
2023-04-14	Friday 05:00	204°	+15°	0 dB	0°	204°	+15°	328°	-24°	2.8dB	326°K	369308	-100 Hz
2023-04-14	Friday 05:30	211°	+13°	0 dB	0°	211°	+13°	336°	-24°	2.8dB	326°K	369281	-130 Hz
2023-04-14	Friday 06:00	217°	+10°	0 dB	0°	217°	+10°	343°	-24°	2.8dB	326°K	369254	-158 Hz
2023-04-14	Friday 06:30	223°	+7°	0 dB	0°	223°	+7°	350°	-24°	2.8dB	326°K	369227	-182 Hz
2023-04-14	Friday 07:00	228°	+4°	0 dB	0°	228°	+4°	357°	-24°	2.8dB	326°K	369200	-204 Hz
2023-04-14	Friday 07:30	234°	-0°	0 dB	0°	234°	-0°	4°	-24°	2.8dB	326°K	369174	-222 Hz
2023-04-15	Saturday 00:00	125°	+3°	0 dB	0°	125°	+3°	243°	-21°	2.8dB	326°K	368450	+257 Hz
2023-04-15	Saturday 00:30	131°	+7°	0 dB	0°	131°	+7°	250°	-21°	2.8dB	326°K	368432	+239 Hz
2023-04-15	Saturday 01:00	137°	+10°	0 dB	0°	137°	+10°	257°	-21°	2.7dB	326°K	368416	+217 Hz
2023-04-15	Saturday 01:30	143°	+14°	0 dB	0°	143°	+14°	264°	-21°	2.7dB	326°K	368399	+191 Hz
2023-04-15	Saturday 02:00	149°	+17°	0 dB	0°	149°	+17°	271°	-20°	2.7dB	326°K	368382	+162 Hz
2023-04-15	Saturday 02:30	156°	+19°	0 dB	0°	156°	+19°	279°	-20°	2.7dB	326°K	368366	+131 Hz
2023-04-15	Saturday 03:00	163°	+21°	0 dB	0°	163°	+21°	286°	-20°	2.7dB	326°K	368351	+98 Hz
2023-04-15	Saturday 03:30	170°	+22°	0 dB	0°	170°	+22°	293°	-20°	2.7dB	326°K	368335	+63 Hz
2023-04-15	Saturday 04:00	177°	+23°	0 dB	0°	177°	+23°	300°	-20°	2.7dB	325°K	368320	+27 Hz
2023-04-15	Saturday 04:30	185°	+23°	0 dB	0°	185°	+23°	308°	-20°	2.7dB	324°K	368305	-9 Hz
2023-04-15	Saturday 05:00	192°	+22°	0 dB	0°	192°	+22°	315°	-20°	2.7dB	322°K	368290	-45 Hz
2023-04-15	Saturday 05:30	199°	+21°	0 dB	0°	199°	+21°	322°	-20°	2.7dB	321°K	368276	-80 Hz
2023-04-15	Saturday 06:00	206°	+19°	0 dB	0°	206°	+19°	329°	-20°	2.7dB	320°K	368262	-113 Hz
2023-04-15	Saturday 06:30	213°	+17°	0 dB	0°	213°	+17°	336°	-20°	2.7dB	319°K	368249	-145 Hz
2023-04-15	Saturday 07:00	219°	+14°	0 dB	0°	219°	+14°	344°	-19°	2.6dB	317°K	368235	-173 Hz
2023-04-15	Saturday 07:30	226°	+11°	0 dB	0°	226°	+11°	351°	-19°	2.6dB	316°K	368222	-199 Hz
2023-04-15	Saturday 08:00	231°	+7°	0 dB	0°	231°	+7°	358°	-19°	2.6dB	315°K	368209	-221 Hz
2023-04-15	Saturday 08:30	237°	+3°	0 dB	0°	237°	+3°	5°	-19°	2.6dB	314°K	368197	-239 Hz
2023-04-16	Sunday 00:30	118°	+3°	0 dB	0°	118°	+3°	237°	-16°	2.0dB	263°K	367975	+271 Hz
2023-04-16	Sunday 01:00	123°	+8°	0 dB	0°	123°	+8°	244°	-15°	1.9dB	261°K	367973	+255 Hz
2023-04-16	Sunday 01:30	129°	+12°	0 dB	0°	129°	+12°	251°	-15°	1.9dB	259°K	367973	+235 Hz
2023-04-16	Sunday 02:00	135°	+16°	0 dB	0°	135°	+16°	258°	-15°	1.9dB	257°K	367972	+211 Hz
2023-04-16	Sunday 02:30	141°	+19°	0 dB	0°	141°	+19°	266°	-15°	1.8dB	255°K	367972	+184 Hz
2023-04-16	Sunday 03:00	148°	+22°	0 dB	0°	148°	+22°	273°	-15°	1.8dB	253°K	367972	+154 Hz
2023-04-16	Sunday 03:30	155°	+25°	0 dB	0°	155°	+25°	280°	-15°	1.8dB	251°K	367973	+121 Hz
2023-04-16	Sunday 04:00	163°	+27°	0 dB	0°	163°	+27°	287°	-15°	1.8dB	249°K	367974	+86 Hz
2023-04-16	Sunday 04:30	171°	+28°	0 dB	0°	171°	+28°	295°	-15°	1.7dB	247°K	367975	+49 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-16	Sunday	05:00	179°	+29°	0 dB	0°	179°	+29°	302°	-14°	1.7dB	245°K	367977 +11 Hz
2023-04-16	Sunday	05:30	187°	+29°	0 dB	0°	187°	+29°	309°	-14°	1.7dB	243°K	367979 -26 Hz
2023-04-16	Sunday	06:00	195°	+28°	0 dB	0°	195°	+28°	316°	-14°	1.7dB	243°K	367981 -63 Hz
2023-04-16	Sunday	06:30	203°	+26°	0 dB	0°	203°	+26°	324°	-14°	1.7dB	243°K	367984 -99 Hz
2023-04-16	Sunday	07:00	210°	+24°	0 dB	0°	210°	+24°	331°	-14°	1.7dB	243°K	367988 -134 Hz
2023-04-16	Sunday	07:30	217°	+21°	0 dB	0°	217°	+21°	338°	-14°	1.7dB	243°K	367991 -166 Hz
2023-04-16	Sunday	08:00	224°	+18°	0 dB	0°	224°	+18°	345°	-14°	1.7dB	243°K	367995 -195 Hz
2023-04-16	Sunday	08:30	230°	+15°	0 dB	0°	230°	+15°	353°	-14°	1.7dB	243°K	368000 -220 Hz
2023-04-16	Sunday	09:00	236°	+11°	0 dB	0°	236°	+11°	360°	-13°	1.7dB	243°K	368004 -242 Hz
2023-04-16	Sunday	09:30	242°	+7°	0 dB	0°	242°	+7°	7°	-13°	1.7dB	243°K	368009 -260 Hz
2023-04-16	Sunday	10:00	247°	+2°	0 dB	0°	247°	+2°	14°	-13°	1.7dB	243°K	368015 -274 Hz
2023-04-17	Monday	00:30	105°	-0°	0 dB	0°	105°	-0°	224°	-9°	1.7dB	241°K	368348 +286 Hz
2023-04-17	Monday	01:00	110°	+5°	0 dB	0°	110°	+5°	232°	-9°	1.7dB	241°K	368366 +278 Hz
2023-04-17	Monday	01:30	115°	+10°	0 dB	0°	115°	+10°	239°	-9°	1.7dB	241°K	368384 +265 Hz
2023-04-17	Monday	02:00	121°	+14°	0 dB	0°	121°	+14°	246°	-9°	1.7dB	241°K	368402 +247 Hz
2023-04-17	Monday	02:30	127°	+19°	0 dB	0°	127°	+19°	253°	-9°	1.7dB	241°K	368421 +225 Hz
2023-04-17	Monday	03:00	133°	+22°	0 dB	0°	133°	+22°	261°	-9°	1.7dB	241°K	368441 +199 Hz
2023-04-17	Monday	03:30	140°	+26°	0 dB	0°	140°	+26°	268°	-9°	1.7dB	240°K	368460 +170 Hz
2023-04-17	Monday	04:00	148°	+29°	0 dB	0°	148°	+29°	275°	-9°	1.7dB	240°K	368480 +138 Hz
2023-04-17	Monday	04:30	156°	+32°	0 dB	0°	156°	+32°	282°	-8°	1.7dB	240°K	368501 +103 Hz
2023-04-17	Monday	05:00	164°	+34°	0 dB	0°	164°	+34°	290°	-8°	1.7dB	240°K	368522 +66 Hz
2023-04-17	Monday	05:30	173°	+35°	0 dB	0°	173°	+35°	297°	-8°	1.7dB	240°K	368543 +28 Hz
2023-04-17	Monday	06:00	181°	+35°	0 dB	0°	181°	+35°	304°	-8°	1.7dB	240°K	368565 -11 Hz
2023-04-17	Monday	06:30	190°	+35°	0 dB	0°	190°	+35°	311°	-8°	1.6dB	239°K	368588 -50 Hz
2023-04-17	Monday	07:00	199°	+34°	0 dB	0°	199°	+34°	319°	-8°	1.6dB	239°K	368610 -88 Hz
2023-04-17	Monday	07:30	207°	+32°	0 dB	0°	207°	+32°	326°	-8°	1.7dB	239°K	368633 -124 Hz
2023-04-17	Monday	08:00	215°	+29°	0 dB	0°	215°	+29°	333°	-7°	1.7dB	239°K	368657 -159 Hz
2023-04-17	Monday	08:30	223°	+26°	0 dB	0°	223°	+26°	340°	-7°	1.7dB	239°K	368681 -191 Hz
2023-04-17	Monday	09:00	230°	+23°	0 dB	0°	230°	+23°	348°	-7°	1.7dB	239°K	368705 -220 Hz
2023-04-17	Monday	09:30	236°	+19°	0 dB	0°	236°	+19°	355°	-7°	1.7dB	239°K	368730 -245 Hz
2023-04-17	Monday	10:00	242°	+15°	0 dB	0°	242°	+15°	2°	-7°	1.7dB	239°K	368755 -266 Hz
2023-04-17	Monday	10:30	248°	+10°	0 dB	0°	248°	+10°	9°	-7°	1.7dB	239°K	368781 -283 Hz
2023-04-17	Monday	11:00	254°	+5°	0 dB	0°	254°	+5°	17°	-7°	1.7dB	239°K	368807 -295 Hz
2023-04-17	Monday	11:30	259°	+1°	0 dB	0°	259°	+1°	24°	-6°	1.7dB	239°K	368834 -302 Hz
2023-04-18	Tuesday	01:00	097°	+2°	0 dB	0°	097°	+2°	220°	-3°	1.8dB	246°K	369717 +283 Hz
2023-04-18	Tuesday	01:30	102°	+7°	0 dB	0°	102°	+7°	227°	-3°	1.8dB	246°K	369756 +277 Hz
2023-04-18	Tuesday	02:00	107°	+12°	0 dB	0°	107°	+12°	234°	-2°	1.8dB	247°K	369795 +267 Hz
2023-04-18	Tuesday	02:30	113°	+17°	0 dB	0°	113°	+17°	242°	-2°	1.8dB	247°K	369835 +252 Hz
2023-04-18	Tuesday	03:00	119°	+21°	0 dB	0°	119°	+21°	249°	-2°	1.8dB	248°K	369875 +232 Hz
2023-04-18	Tuesday	03:30	125°	+26°	0 dB	0°	125°	+26°	256°	-2°	1.9dB	249°K	369916 +208 Hz
2023-04-18	Tuesday	04:00	132°	+30°	0 dB	0°	132°	+30°	263°	-2°	1.9dB	249°K	369957 +180 Hz
2023-04-18	Tuesday	04:30	140°	+34°	0 dB	0°	140°	+34°	271°	-2°	1.9dB	250°K	369998 +149 Hz
2023-04-18	Tuesday	05:00	148°	+37°	0 dB	0°	148°	+37°	278°	-2°	1.9dB	250°K	370040 +115 Hz
2023-04-18	Tuesday	05:30	156°	+39°	0 dB	0°	156°	+39°	285°	-2°	1.9dB	251°K	370083 +78 Hz
2023-04-18	Tuesday	06:00	166°	+41°	0 dB	0°	166°	+41°	292°	-1°	1.9dB	252°K	370125 +40 Hz
2023-04-18	Tuesday	06:30	175°	+42°	0 dB	0°	175°	+42°	300°	-1°	1.9dB	252°K	370169 +1 Hz
2023-04-18	Tuesday	07:00	185°	+42°	0 dB	0°	185°	+42°	307°	-1°	1.9dB	253°K	370212 -38 Hz
2023-04-18	Tuesday	07:30	195°	+41°	0 dB	0°	195°	+41°	314°	-1°	1.9dB	254°K	370257 -78 Hz
2023-04-18	Tuesday	08:00	205°	+40°	0 dB	0°	205°	+40°	321°	-1°	1.9dB	254°K	370301 -116 Hz
2023-04-18	Tuesday	08:30	213°	+37°	0 dB	0°	213°	+37°	329°	-1°	2.0dB	255°K	370346 -152 Hz
2023-04-18	Tuesday	09:00	222°	+34°	0 dB	0°	222°	+34°	336°	-1°	2.0dB	255°K	370392 -186 Hz
2023-04-18	Tuesday	09:30	229°	+31°	0 dB	0°	229°	+31°	343°	-0°	2.0dB	256°K	370438 -217 Hz
2023-04-18	Tuesday	10:00	236°	+27°	0 dB	0°	236°	+27°	350°	-0°	2.0dB	257°K	370484 -245 Hz
2023-04-18	Tuesday	10:30	243°	+23°	0 dB	0°	243°	+23°	358°	-0°	2.0dB	257°K	370531 -269 Hz
2023-04-18	Tuesday	11:00	249°	+18°	0 dB	0°	249°	+18°	5°	+0°	2.0dB	258°K	370578 -288 Hz
2023-04-18	Tuesday	11:30	255°	+13°	0 dB	0°	255°	+13°	12°	+0°	2.0dB	258°K	370626 -303 Hz
2023-04-18	Tuesday	12:00	260°	+9°	0 dB	0°	260°	+9°	19°	+0°	2.0dB	259°K	370674 -314 Hz
2023-04-18	Tuesday	12:30	266°	+4°	0 dB	0°	266°	+4°	27°	+0°	2.0dB	260°K	370723 -319 Hz
2023-04-19	Wednesday	01:30	089°	+4°	0 dB	0°	089°	+4°	216°	+4°	2.3dB	275°K	372137 +274 Hz
2023-04-19	Wednesday	02:00	094°	+9°	0 dB	0°	094°	+9°	223°	+4°	2.3dB	276°K	372197 +271 Hz
2023-04-19	Wednesday	02:30	099°	+14°	0 dB	0°	099°	+14°	230°	+4°	2.3dB	277°K	372258 +263 Hz
2023-04-19	Wednesday	03:00	105°	+19°	0 dB	0°	105°	+19°	237°	+4°	2.3dB	277°K	372319 +250 Hz
2023-04-19	Wednesday	03:30	111°	+24°	0 dB	0°	111°	+24°	245°	+5°	2.4dB	278°K	372380 +233 Hz
2023-04-19	Wednesday	04:00	117°	+29°	0 dB	0°	117°	+29°	252°	+5°	2.4dB	278°K	372442 +211 Hz
2023-04-19	Wednesday	04:30	124°	+33°	0 dB	0°	124°	+33°	259°	+5°	2.4dB	279°K	372504 +185 Hz
2023-04-19	Wednesday	05:00	131°	+37°	0 dB	0°	131°	+37°	266°	+5°	2.4dB	280°K	372567 +156 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-19	Wednesday05:30	139°	+41°	0 dB	0°	139°	+41°	274°	+5°	2.4dB	280°K	372630	+123 Hz
2023-04-19	Wednesday06:00	148°	+44°	0 dB	0°	148°	+44°	281°	+5°	2.4dB	281°K	372694	+88 Hz
2023-04-19	Wednesday06:30	158°	+47°	0 dB	0°	158°	+47°	288°	+5°	2.4dB	281°K	372757	+51 Hz
2023-04-19	Wednesday07:00	168°	+48°	0 dB	0°	168°	+48°	295°	+6°	2.4dB	282°K	372822	+12 Hz
2023-04-19	Wednesday07:30	179°	+49°	0 dB	0°	179°	+49°	303°	+6°	2.4dB	283°K	372886	-27 Hz
2023-04-19	Wednesday08:00	191°	+49°	0 dB	0°	191°	+49°	310°	+6°	2.4dB	283°K	372952	-67 Hz
2023-04-19	Wednesday08:30	201°	+47°	0 dB	0°	201°	+47°	317°	+6°	2.5dB	284°K	373017	-105 Hz
2023-04-19	Wednesday09:00	211°	+45°	0 dB	0°	211°	+45°	324°	+6°	2.5dB	284°K	373083	-143 Hz
2023-04-19	Wednesday09:30	221°	+42°	0 dB	0°	221°	+42°	332°	+6°	2.5dB	285°K	373149	-178 Hz
2023-04-19	Wednesday10:00	229°	+39°	0 dB	0°	229°	+39°	339°	+6°	2.5dB	286°K	373216	-211 Hz
2023-04-19	Wednesday10:30	237°	+35°	0 dB	0°	237°	+35°	346°	+6°	2.5dB	286°K	373283	-240 Hz
2023-04-19	Wednesday11:00	244°	+31°	0 dB	0°	244°	+31°	353°	+7°	2.5dB	287°K	373351	-266 Hz
2023-04-19	Wednesday11:30	250°	+26°	0 dB	0°	250°	+26°	1°	+7°	2.5dB	287°K	373419	-288 Hz
2023-04-19	Wednesday12:00	256°	+21°	0 dB	0°	256°	+21°	8°	+7°	2.5dB	SUN!	373487	-306 Hz
2023-04-19	Wednesday12:30	262°	+16°	0 dB	0°	262°	+16°	15°	+7°	2.6dB	SUN!	373556	-319 Hz
2023-04-19	Wednesday13:00	267°	+11°	0 dB	0°	267°	+11°	22°	+7°	2.6dB	SUN!	373625	-327 Hz
2023-04-19	Wednesday13:30	273°	+6°	0 dB	0°	273°	+6°	30°	+7°	2.6dB	SUN!	373694	-330 Hz
2023-04-19	Wednesday14:00	278°	+2°	0 dB	0°	278°	+2°	37°	+7°	2.6dB	SUN!	373764	-329 Hz
2023-04-20	Thursday 01:30	076°	+0°	0 dB	0°	076°	+0°	204°	+10°	2.8dB	SUN!	375475	+255 Hz
2023-04-20	Thursday 02:00	081°	+5°	0 dB	0°	081°	+5°	211°	+10°	2.8dB	SUN!	375553	+259 Hz
2023-04-20	Thursday 02:30	086°	+10°	0 dB	0°	086°	+10°	218°	+11°	2.8dB	SUN!	375632	+259 Hz
2023-04-20	Thursday 03:00	092°	+16°	0 dB	0°	092°	+16°	226°	+11°	2.8dB	SUN!	375712	+254 Hz
2023-04-20	Thursday 03:30	097°	+21°	0 dB	0°	097°	+21°	233°	+11°	2.8dB	SUN!	375791	+244 Hz
2023-04-20	Thursday 04:00	102°	+26°	0 dB	0°	102°	+26°	240°	+11°	2.8dB	SUN!	375871	+230 Hz
2023-04-20	Thursday 04:30	108°	+31°	0 dB	0°	108°	+31°	247°	+11°	2.8dB	SUN!	375952	+211 Hz
2023-04-20	Thursday 05:00	115°	+36°	0 dB	0°	115°	+36°	255°	+11°	2.8dB	SUN!	376033	+187 Hz
2023-04-20	Thursday 05:30	122°	+40°	0 dB	0°	122°	+40°	262°	+11°	2.8dB	SUN!	376114	+160 Hz
2023-04-20	Thursday 06:00	129°	+44°	0 dB	0°	129°	+44°	269°	+11°	2.8dB	SUN!	376195	+130 Hz
2023-04-20	Thursday 06:30	138°	+48°	0 dB	0°	138°	+48°	277°	+12°	2.8dB	SUN!	376277	+97 Hz
2023-04-20	Thursday 07:00	148°	+51°	0 dB	0°	148°	+51°	284°	+12°	2.9dB	SUN!	376359	+61 Hz
2023-04-20	Thursday 07:30	160°	+54°	0 dB	0°	160°	+54°	291°	+12°	2.9dB	SUN!	376441	+24 Hz
2023-04-20	Thursday 08:00	172°	+55°	0 dB	0°	172°	+55°	298°	+12°	2.9dB	SUN!	376524	-15 Hz
2023-04-20	Thursday 08:30	184°	+56°	0 dB	0°	184°	+56°	306°	+12°	2.9dB	SUN!	376607	-54 Hz
2023-04-20	Thursday 09:00	197°	+55°	0 dB	0°	197°	+55°	313°	+12°	2.9dB	SUN!	376690	-92 Hz
2023-04-20	Thursday 09:30	209°	+53°	0 dB	0°	209°	+53°	320°	+12°	2.9dB	SUN!	376774	-130 Hz
2023-04-20	Thursday 10:00	219°	+50°	0 dB	0°	219°	+50°	327°	+12°	2.9dB	SUN!	376858	-166 Hz
2023-04-20	Thursday 10:30	229°	+47°	0 dB	0°	229°	+47°	335°	+13°	3.0dB	SUN!	376942	-199 Hz
2023-04-20	Thursday 11:00	237°	+43°	0 dB	0°	237°	+43°	342°	+13°	3.0dB	SUN!	377027	-230 Hz
2023-04-20	Thursday 11:30	245°	+38°	0 dB	0°	245°	+38°	349°	+13°	3.0dB	SUN!	377112	-258 Hz
2023-04-20	Thursday 12:00	251°	+34°	0 dB	0°	251°	+34°	356°	+13°	3.0dB	SUN!	377197	-282 Hz
2023-04-20	Thursday 12:30	258°	+29°	0 dB	0°	258°	+29°	4°	+13°	3.1dB	SUN!	377282	-302 Hz
2023-04-20	Thursday 13:00	263°	+24°	0 dB	0°	263°	+24°	11°	+13°	3.1dB	SUN!	377368	-317 Hz
2023-04-20	Thursday 13:30	269°	+19°	0 dB	0°	269°	+19°	18°	+13°	3.1dB	SUN!	377454	-328 Hz
2023-04-20	Thursday 14:00	274°	+14°	0 dB	0°	274°	+14°	25°	+13°	3.1dB	SUN!	377541	-334 Hz
2023-04-20	Thursday 14:30	279°	+9°	0 dB	0°	279°	+9°	33°	+14°	3.1dB	SUN!	377627	-335 Hz
2023-04-20	Thursday 15:00	284°	+4°	0 dB	0°	284°	+4°	40°	+14°	3.2dB	SUN!	377714	-331 Hz
2023-04-21	Fri day 02:00	069°	+2°	0 dB	0°	069°	+2°	199°	+16°	3.6dB	353°K	379695	+235 Hz
2023-04-21	Fri day 02:30	074°	+6°	0 dB	0°	074°	+6°	207°	+16°	3.6dB	354°K	379788	+242 Hz
2023-04-21	Fri day 03:00	079°	+11°	0 dB	0°	079°	+11°	214°	+16°	3.6dB	355°K	379881	+245 Hz
2023-04-21	Fri day 03:30	084°	+16°	0 dB	0°	084°	+16°	221°	+17°	3.6dB	356°K	379974	+243 Hz
2023-04-21	Fri day 04:00	089°	+22°	0 dB	0°	089°	+22°	228°	+17°	3.6dB	356°K	380068	+236 Hz
2023-04-21	Fri day 04:30	094°	+27°	0 dB	0°	094°	+27°	236°	+17°	3.6dB	357°K	380162	+225 Hz
2023-04-21	Fri day 05:00	100°	+32°	0 dB	0°	100°	+32°	243°	+17°	3.6dB	358°K	380256	+209 Hz
2023-04-21	Fri day 05:30	106°	+37°	0 dB	0°	106°	+37°	250°	+17°	3.7dB	359°K	380350	+189 Hz
2023-04-21	Fri day 06:00	112°	+42°	0 dB	0°	112°	+42°	257°	+17°	3.7dB	360°K	380444	+165 Hz
2023-04-21	Fri day 06:30	119°	+46°	0 dB	0°	119°	+46°	265°	+17°	3.7dB	360°K	380539	+137 Hz
2023-04-21	Fri day 07:00	128°	+51°	0 dB	0°	128°	+51°	272°	+17°	3.7dB	361°K	380634	+106 Hz
2023-04-21	Fri day 07:30	137°	+55°	0 dB	0°	137°	+55°	279°	+17°	3.7dB	362°K	380729	+73 Hz
2023-04-21	Fri day 08:00	149°	+58°	0 dB	0°	149°	+58°	286°	+18°	3.7dB	363°K	380824	+38 Hz
2023-04-21	Fri day 08:30	162°	+60°	0 dB	0°	162°	+60°	294°	+18°	3.7dB	364°K	380919	+1 Hz
2023-04-21	Fri day 09:00	176°	+61°	0 dB	0°	176°	+61°	301°	+18°	3.7dB	364°K	381015	-37 Hz
2023-04-21	Fri day 09:30	190°	+61°	0 dB	0°	190°	+61°	308°	+18°	3.8dB	365°K	381111	-75 Hz
2023-04-21	Fri day 10:00	204°	+60°	0 dB	0°	204°	+60°	315°	+18°	3.8dB	366°K	381207	-112 Hz
2023-04-21	Fri day 10:30	217°	+57°	0 dB	0°	217°	+57°	323°	+18°	3.8dB	367°K	381303	-148 Hz
2023-04-21	Fri day 11:00	227°	+54°	0 dB	0°	227°	+54°	330°	+18°	3.8dB	368°K	381399	-182 Hz
2023-04-21	Fri day 11:30	237°	+50°	0 dB	0°	237°	+50°	337°	+18°	3.8dB	368°K	381495	-214 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-21	Fri day	12: 00	245°	+46°	0 dB	0°	245°	+46°	344°	+18°	3. 8dB	369°K	381592 -243 Hz
2023-04-21	Fri day	12: 30	252°	+41°	0 dB	0°	252°	+41°	352°	+18°	3. 8dB	369°K	381689 -268 Hz
2023-04-21	Fri day	13: 00	258°	+36°	0 dB	0°	258°	+36°	359°	+19°	3. 8dB	368°K	381786 -290 Hz
2023-04-21	Fri day	13: 30	264°	+31°	0 dB	0°	264°	+31°	6°	+19°	3. 8dB	367°K	381883 -308 Hz
2023-04-21	Fri day	14: 00	270°	+26°	0 dB	0°	270°	+26°	13°	+19°	3. 8dB	366°K	381980 -321 Hz
2023-04-21	Fri day	14: 30	275°	+21°	0 dB	0°	275°	+21°	21°	+19°	3. 8dB	365°K	382078 -330 Hz
2023-04-21	Fri day	15: 00	280°	+16°	0 dB	0°	280°	+16°	28°	+19°	3. 8dB	365°K	382175 -334 Hz
2023-04-21	Fri day	15: 30	285°	+11°	0 dB	0°	285°	+11°	35°	+19°	3. 8dB	364°K	382273 -334 Hz
2023-04-21	Fri day	16: 00	290°	+7°	0 dB	0°	290°	+7°	42°	+19°	3. 8dB	363°K	382371 -329 Hz
2023-04-21	Fri day	16: 30	295°	+2°	0 dB	0°	295°	+2°	50°	+19°	3. 8dB	362°K	382469 -319 Hz
2023-04-22	Saturday	02: 30	062°	+2°	0 dB	0°	062°	+2°	194°	+21°	3. 7dB	349°K	384455 +215 Hz
2023-04-22	Saturday	03: 00	067°	+7°	0 dB	0°	067°	+7°	202°	+21°	3. 8dB	350°K	384556 +225 Hz
2023-04-22	Saturday	03: 30	072°	+11°	0 dB	0°	072°	+11°	209°	+21°	3. 8dB	350°K	384656 +231 Hz
2023-04-22	Saturday	04: 00	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	3. 8dB	351°K	384757 +232 Hz
2023-04-22	Saturday	04: 30	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	3. 8dB	352°K	384857 +228 Hz
2023-04-22	Saturday	05: 00	087°	+27°	0 dB	0°	087°	+27°	231°	+22°	3. 8dB	353°K	384958 +220 Hz
2023-04-22	Saturday	05: 30	092°	+32°	0 dB	0°	092°	+32°	238°	+22°	3. 8dB	354°K	385059 +208 Hz
2023-04-22	Saturday	06: 00	097°	+37°	0 dB	0°	097°	+37°	245°	+22°	3. 8dB	355°K	385159 +191 Hz
2023-04-22	Saturday	06: 30	103°	+42°	0 dB	0°	103°	+42°	252°	+22°	3. 8dB	355°K	385260 +171 Hz
2023-04-22	Saturday	07: 00	110°	+47°	0 dB	0°	110°	+47°	260°	+22°	3. 9dB	356°K	385361 +146 Hz
2023-04-22	Saturday	07: 30	117°	+52°	0 dB	0°	117°	+52°	267°	+22°	3. 9dB	357°K	385462 +119 Hz
2023-04-22	Saturday	08: 00	126°	+56°	0 dB	0°	126°	+56°	274°	+22°	3. 9dB	358°K	385563 +88 Hz
2023-04-22	Saturday	08: 30	136°	+60°	0 dB	0°	136°	+60°	281°	+22°	3. 9dB	359°K	385664 +55 Hz
2023-04-22	Saturday	09: 00	149°	+63°	0 dB	0°	149°	+63°	289°	+22°	3. 9dB	359°K	385765 +20 Hz
2023-04-22	Saturday	09: 30	164°	+65°	0 dB	0°	164°	+65°	296°	+22°	3. 9dB	360°K	385866 -16 Hz
2023-04-22	Saturday	10: 00	180°	+66°	0 dB	0°	180°	+66°	303°	+22°	3. 9dB	361°K	385967 -52 Hz
2023-04-22	Saturday	10: 30	197°	+65°	0 dB	0°	197°	+65°	310°	+22°	3. 9dB	362°K	386068 -89 Hz
2023-04-22	Saturday	11: 00	212°	+63°	0 dB	0°	212°	+63°	318°	+23°	4. 0dB	363°K	386169 -124 Hz
2023-04-22	Saturday	11: 30	224°	+60°	0 dB	0°	224°	+60°	325°	+23°	4. 0dB	364°K	386270 -159 Hz
2023-04-22	Saturday	12: 00	235°	+56°	0 dB	0°	235°	+56°	332°	+23°	4. 0dB	364°K	386371 -191 Hz
2023-04-22	Saturday	12: 30	244°	+52°	0 dB	0°	244°	+52°	339°	+23°	4. 0dB	365°K	386472 -221 Hz
2023-04-22	Saturday	13: 00	252°	+47°	0 dB	0°	252°	+47°	346°	+23°	4. 0dB	366°K	386573 -248 Hz
2023-04-22	Saturday	13: 30	258°	+43°	0 dB	0°	258°	+43°	354°	+23°	4. 0dB	367°K	386675 -272 Hz
2023-04-22	Saturday	14: 00	264°	+38°	0 dB	0°	264°	+38°	1°	+23°	4. 0dB	368°K	386776 -292 Hz
2023-04-22	Saturday	14: 30	270°	+33°	0 dB	0°	270°	+33°	8°	+23°	4. 0dB	368°K	386877 -308 Hz
2023-04-22	Saturday	15: 00	275°	+28°	0 dB	0°	275°	+28°	15°	+23°	4. 1dB	369°K	386978 -319 Hz
2023-04-22	Saturday	15: 30	280°	+23°	0 dB	0°	280°	+23°	23°	+23°	4. 1dB	370°K	387079 -327 Hz
2023-04-22	Saturday	16: 00	285°	+18°	0 dB	0°	285°	+18°	30°	+23°	4. 1dB	372°K	387180 -329 Hz
2023-04-22	Saturday	16: 30	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	4. 1dB	373°K	387281 -328 Hz
2023-04-22	Saturday	17: 00	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	4. 1dB	374°K	387383 -321 Hz
2023-04-22	Saturday	17: 30	299°	+4°	0 dB	0°	299°	+4°	52°	+24°	4. 1dB	375°K	387484 -311 Hz
2023-04-22	Saturday	18: 00	304°	-0°	0 dB	0°	304°	-0°	59°	+24°	4. 2dB	376°K	387585 -297 Hz
2023-04-23	Sunday	03: 00	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	4. 4dB	397°K	389396 +198 Hz
2023-04-23	Sunday	03: 30	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	4. 5dB	398°K	389496 +210 Hz
2023-04-23	Sunday	04: 00	066°	+11°	0 dB	0°	066°	+11°	204°	+25°	4. 5dB	399°K	389596 +219 Hz
2023-04-23	Sunday	04: 30	071°	+15°	0 dB	0°	071°	+15°	211°	+25°	4. 5dB	401°K	389696 +223 Hz
2023-04-23	Sunday	05: 00	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	4. 5dB	402°K	389795 +223 Hz
2023-04-23	Sunday	05: 30	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	4. 5dB	403°K	389895 +219 Hz
2023-04-23	Sunday	06: 00	085°	+30°	0 dB	0°	085°	+30°	232°	+25°	4. 5dB	405°K	389994 +210 Hz
2023-04-23	Sunday	06: 30	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	4. 6dB	406°K	390094 +197 Hz
2023-04-23	Sunday	07: 00	095°	+40°	0 dB	0°	095°	+40°	247°	+25°	4. 6dB	407°K	390193 +180 Hz
2023-04-23	Sunday	07: 30	101°	+46°	0 dB	0°	101°	+46°	254°	+25°	4. 6dB	409°K	390292 +159 Hz
2023-04-23	Sunday	08: 00	107°	+50°	0 dB	0°	107°	+50°	261°	+25°	4. 6dB	410°K	390391 +135 Hz
2023-04-23	Sunday	08: 30	115°	+55°	0 dB	0°	115°	+55°	269°	+25°	4. 6dB	411°K	390490 +107 Hz
2023-04-23	Sunday	09: 00	124°	+60°	0 dB	0°	124°	+60°	276°	+26°	4. 6dB	413°K	390589 +77 Hz
2023-04-23	Sunday	09: 30	135°	+64°	0 dB	0°	135°	+64°	283°	+26°	4. 7dB	414°K	390687 +44 Hz
2023-04-23	Sunday	10: 00	149°	+67°	0 dB	0°	149°	+67°	290°	+26°	4. 7dB	415°K	390786 +10 Hz
2023-04-23	Sunday	10: 30	166°	+69°	0 dB	0°	166°	+69°	298°	+26°	4. 7dB	417°K	390884 -25 Hz
2023-04-23	Sunday	11: 00	185°	+69°	0 dB	0°	185°	+69°	305°	+26°	4. 7dB	418°K	390982 -60 Hz
2023-04-23	Sunday	11: 30	203°	+68°	0 dB	0°	203°	+68°	312°	+26°	4. 7dB	419°K	391081 -95 Hz
2023-04-23	Sunday	12: 00	218°	+66°	0 dB	0°	218°	+66°	319°	+26°	4. 7dB	421°K	391178 -130 Hz
2023-04-23	Sunday	12: 30	231°	+62°	0 dB	0°	231°	+62°	326°	+26°	4. 8dB	422°K	391276 -163 Hz
2023-04-23	Sunday	13: 00	241°	+58°	0 dB	0°	241°	+58°	334°	+26°	4. 8dB	423°K	391374 -194 Hz
2023-04-23	Sunday	13: 30	250°	+53°	0 dB	0°	250°	+53°	341°	+26°	4. 8dB	425°K	391471 -222 Hz
2023-04-23	Sunday	14: 00	257°	+48°	0 dB	0°	257°	+48°	348°	+26°	4. 8dB	426°K	391569 -248 Hz
2023-04-23	Sunday	14: 30	263°	+43°	0 dB	0°	263°	+43°	355°	+26°	4. 8dB	427°K	391666 -270 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-04-23	Sunday	15:00	268°	+38°	0 dB	0°	268°	+38°	3°	+26°	4.8dB	429°K	391763	-289 Hz
2023-04-23	Sunday	15:30	274°	+33°	0 dB	0°	274°	+33°	10°	+26°	4.9dB	430°K	391860	-303 Hz
2023-04-23	Sunday	16:00	279°	+28°	0 dB	0°	279°	+28°	17°	+26°	4.9dB	431°K	391956	-314 Hz
2023-04-23	Sunday	16:30	283°	+23°	0 dB	0°	283°	+23°	24°	+26°	4.9dB	433°K	392053	-320 Hz
2023-04-23	Sunday	17:00	288°	+19°	0 dB	0°	288°	+19°	32°	+26°	4.9dB	434°K	392149	-321 Hz
2023-04-23	Sunday	17:30	293°	+14°	0 dB	0°	293°	+14°	39°	+26°	4.9dB	436°K	392245	-319 Hz
2023-04-23	Sunday	18:00	297°	+9°	0 dB	0°	297°	+9°	46°	+26°	5.0dB	439°K	392341	-312 Hz
2023-04-23	Sunday	18:30	302°	+5°	0 dB	0°	302°	+5°	53°	+26°	5.0dB	441°K	392437	-301 Hz
2023-04-23	Sunday	19:00	307°	+1°	0 dB	0°	307°	+1°	60°	+26°	5.0dB	444°K	392533	-286 Hz
2023-04-24	Monday	03:30	051°	+0°	0 dB	0°	051°	+0°	183°	+27°	5.4dB	487°K	394125	+184 Hz
2023-04-24	Monday	04:00	056°	+4°	0 dB	0°	056°	+4°	191°	+27°	5.5dB	489°K	394217	+199 Hz
2023-04-24	Monday	04:30	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	5.5dB	492°K	394308	+211 Hz
2023-04-24	Monday	05:00	065°	+13°	0 dB	0°	065°	+13°	205°	+27°	5.5dB	494°K	394399	+219 Hz
2023-04-24	Monday	05:30	070°	+18°	0 dB	0°	070°	+18°	212°	+27°	5.5dB	497°K	394490	+222 Hz
2023-04-24	Monday	06:00	074°	+23°	0 dB	0°	074°	+23°	220°	+27°	5.5dB	499°K	394580	+221 Hz
2023-04-24	Monday	06:30	079°	+28°	0 dB	0°	079°	+28°	227°	+27°	5.6dB	500°K	394671	+216 Hz
2023-04-24	Monday	07:00	084°	+33°	0 dB	0°	084°	+33°	234°	+27°	5.6dB	500°K	394761	+207 Hz
2023-04-24	Monday	07:30	089°	+38°	0 dB	0°	089°	+38°	241°	+27°	5.6dB	500°K	394851	+194 Hz
2023-04-24	Monday	08:00	094°	+43°	0 dB	0°	094°	+43°	248°	+27°	5.6dB	500°K	394940	+176 Hz
2023-04-24	Monday	08:30	100°	+48°	0 dB	0°	100°	+48°	256°	+27°	5.6dB	500°K	395029	+155 Hz
2023-04-24	Monday	09:00	106°	+53°	0 dB	0°	106°	+53°	263°	+27°	5.6dB	500°K	395118	+130 Hz
2023-04-24	Monday	09:30	114°	+58°	0 dB	0°	114°	+58°	270°	+27°	5.6dB	500°K	395207	+103 Hz
2023-04-24	Monday	10:00	124°	+62°	0 dB	0°	124°	+62°	277°	+27°	5.6dB	500°K	395295	+73 Hz
2023-04-24	Monday	10:30	136°	+66°	0 dB	0°	136°	+66°	285°	+28°	5.6dB	500°K	395383	+41 Hz
2023-04-24	Monday	11:00	151°	+69°	0 dB	0°	151°	+69°	292°	+28°	5.6dB	500°K	395471	+7 Hz
2023-04-24	Monday	11:30	169°	+71°	0 dB	0°	169°	+71°	299°	+28°	5.6dB	500°K	395559	-27 Hz
2023-04-24	Monday	12:00	189°	+71°	0 dB	0°	189°	+71°	306°	+28°	5.6dB	500°K	395646	-62 Hz
2023-04-24	Monday	12:30	208°	+69°	0 dB	0°	208°	+69°	314°	+28°	5.6dB	500°K	395733	-97 Hz
2023-04-24	Monday	13:00	224°	+67°	0 dB	0°	224°	+67°	321°	+28°	5.6dB	500°K	395820	-130 Hz
2023-04-24	Monday	13:30	236°	+63°	0 dB	0°	236°	+63°	328°	+28°	5.6dB	500°K	395906	-162 Hz
2023-04-24	Monday	14:00	245°	+58°	0 dB	0°	245°	+58°	335°	+28°	5.6dB	500°K	395992	-192 Hz
2023-04-24	Monday	14:30	253°	+53°	0 dB	0°	253°	+53°	342°	+28°	5.6dB	500°K	396078	-220 Hz
2023-04-24	Monday	15:00	260°	+49°	0 dB	0°	260°	+49°	350°	+28°	5.6dB	500°K	396163	-244 Hz
2023-04-24	Monday	15:30	266°	+43°	0 dB	0°	266°	+43°	357°	+28°	5.6dB	500°K	396248	-266 Hz
2023-04-24	Monday	16:00	271°	+38°	0 dB	0°	271°	+38°	4°	+28°	5.6dB	500°K	396333	-283 Hz
2023-04-24	Monday	16:30	276°	+33°	0 dB	0°	276°	+33°	11°	+28°	5.6dB	500°K	396417	-297 Hz
2023-04-24	Monday	17:00	281°	+28°	0 dB	0°	281°	+28°	19°	+28°	5.6dB	500°K	396501	-306 Hz
2023-04-24	Monday	17:30	286°	+23°	0 dB	0°	286°	+23°	26°	+28°	5.6dB	500°K	396585	-311 Hz
2023-04-24	Monday	18:00	290°	+19°	0 dB	0°	290°	+19°	33°	+28°	5.6dB	500°K	396669	-312 Hz
2023-04-24	Monday	18:30	295°	+14°	0 dB	0°	295°	+14°	40°	+28°	5.7dB	500°K	396752	-309 Hz
2023-04-24	Monday	19:00	299°	+10°	0 dB	0°	299°	+10°	48°	+28°	5.7dB	500°K	396835	-301 Hz
2023-04-24	Monday	19:30	304°	+5°	0 dB	0°	304°	+5°	55°	+28°	5.6dB	496°K	396917	-290 Hz
2023-04-24	Monday	20:00	309°	+1°	0 dB	0°	309°	+1°	62°	+28°	5.6dB	493°K	396999	-274 Hz
2023-04-25	Tuesday	04:30	051°	+2°	0 dB	0°	051°	+2°	185°	+28°	5.2dB	436°K	398340	+193 Hz
2023-04-25	Tuesday	05:00	056°	+6°	0 dB	0°	056°	+6°	192°	+28°	5.2dB	433°K	398416	+208 Hz
2023-04-25	Tuesday	05:30	061°	+10°	0 dB	0°	061°	+10°	199°	+28°	5.1dB	429°K	398491	+219 Hz
2023-04-25	Tuesday	06:00	066°	+15°	0 dB	0°	066°	+15°	207°	+28°	5.1dB	426°K	398566	+226 Hz
2023-04-25	Tuesday	06:30	070°	+19°	0 dB	0°	070°	+19°	214°	+28°	5.1dB	423°K	398640	+228 Hz
2023-04-25	Tuesday	07:00	075°	+24°	0 dB	0°	075°	+24°	221°	+28°	5.1dB	419°K	398714	+227 Hz
2023-04-25	Tuesday	07:30	080°	+29°	0 dB	0°	080°	+29°	228°	+28°	5.0dB	416°K	398788	+221 Hz
2023-04-25	Tuesday	08:00	084°	+34°	0 dB	0°	084°	+34°	236°	+28°	5.0dB	413°K	398861	+211 Hz
2023-04-25	Tuesday	08:30	089°	+39°	0 dB	0°	089°	+39°	243°	+28°	5.0dB	411°K	398934	+197 Hz
2023-04-25	Tuesday	09:00	095°	+44°	0 dB	0°	095°	+44°	250°	+28°	5.0dB	409°K	399006	+179 Hz
2023-04-25	Tuesday	09:30	101°	+49°	0 dB	0°	101°	+49°	257°	+28°	5.0dB	408°K	399078	+157 Hz
2023-04-25	Tuesday	10:00	107°	+54°	0 dB	0°	107°	+54°	265°	+28°	5.0dB	406°K	399150	+133 Hz
2023-04-25	Tuesday	10:30	115°	+59°	0 dB	0°	115°	+59°	272°	+28°	4.9dB	404°K	399221	+105 Hz
2023-04-25	Tuesday	11:00	125°	+63°	0 dB	0°	125°	+63°	279°	+28°	4.9dB	403°K	399291	+74 Hz
2023-04-25	Tuesday	11:30	138°	+67°	0 dB	0°	138°	+67°	286°	+28°	4.9dB	401°K	399362	+42 Hz
2023-04-25	Tuesday	12:00	154°	+70°	0 dB	0°	154°	+70°	293°	+28°	4.9dB	399°K	399432	+8 Hz
2023-04-25	Tuesday	12:30	173°	+72°	0 dB	0°	173°	+72°	301°	+28°	4.9dB	398°K	399501	-26 Hz
2023-04-25	Tuesday	13:00	194°	+71°	0 dB	0°	194°	+71°	308°	+28°	4.9dB	396°K	399570	-61 Hz
2023-04-25	Tuesday	13:30	212°	+69°	0 dB	0°	212°	+69°	315°	+28°	4.9dB	394°K	399639	-95 Hz
2023-04-25	Tuesday	14:00	227°	+66°	0 dB	0°	227°	+66°	322°	+28°	4.9dB	393°K	399707	-128 Hz
2023-04-25	Tuesday	14:30	238°	+62°	0 dB	0°	238°	+62°	330°	+28°	4.8dB	391°K	399775	-160 Hz
2023-04-25	Tuesday	15:00	248°	+57°	0 dB	0°	248°	+57°	337°	+28°	4.8dB	389°K	399842	-189 Hz
2023-04-25	Tuesday	15:30	255°	+52°	0 dB	0°	255°	+52°	344°	+28°	4.8dB	388°K	399909	-216 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-04-25	Tuesday	16:00	262°	+48°	0 dB	0°	262°	+48°	351°	+28°	4.8dB	386°K	399975	-240 Hz
2023-04-25	Tuesday	16:30	267°	+42°	0 dB	0°	267°	+42°	359°	+28°	4.8dB	384°K	400041	-260 Hz
2023-04-25	Tuesday	17:00	272°	+37°	0 dB	0°	272°	+37°	6°	+28°	4.8dB	383°K	400107	-277 Hz
2023-04-25	Tuesday	17:30	277°	+32°	0 dB	0°	277°	+32°	13°	+28°	4.8dB	381°K	400172	-290 Hz
2023-04-25	Tuesday	18:00	282°	+27°	0 dB	0°	282°	+27°	20°	+28°	4.8dB	380°K	400237	-298 Hz
2023-04-25	Tuesday	18:30	287°	+22°	0 dB	0°	287°	+22°	27°	+28°	4.7dB	378°K	400301	-303 Hz
2023-04-25	Tuesday	19:00	291°	+18°	0 dB	0°	291°	+18°	35°	+28°	4.7dB	376°K	400365	-303 Hz
2023-04-25	Tuesday	19:30	296°	+13°	0 dB	0°	296°	+13°	42°	+28°	4.7dB	375°K	400428	-298 Hz
2023-04-25	Tuesday	20:00	301°	+8°	0 dB	0°	301°	+8°	49°	+28°	4.7dB	373°K	400491	-290 Hz
2023-04-25	Tuesday	20:30	305°	+4°	0 dB	0°	305°	+4°	56°	+28°	4.7dB	371°K	400553	-278 Hz
2023-04-25	Tuesday	21:00	310°	+0°	0 dB	0°	310°	+0°	64°	+28°	4.7dB	370°K	400615	-261 Hz
2023-04-26	Wednesday	05:30	053°	+2°	0 dB	0°	053°	+2°	187°	+27°	4.3dB	328°K	401597	+209 Hz
2023-04-26	Wednesday	06:00	058°	+6°	0 dB	0°	058°	+6°	194°	+27°	4.2dB	326°K	401650	+223 Hz
2023-04-26	Wednesday	06:30	063°	+11°	0 dB	0°	063°	+11°	201°	+27°	4.2dB	323°K	401703	+233 Hz
2023-04-26	Wednesday	07:00	067°	+15°	0 dB	0°	067°	+15°	208°	+27°	4.2dB	321°K	401755	+239 Hz
2023-04-26	Wednesday	07:30	072°	+20°	0 dB	0°	072°	+20°	216°	+27°	4.2dB	318°K	401807	+241 Hz
2023-04-26	Wednesday	08:00	077°	+25°	0 dB	0°	077°	+25°	223°	+27°	4.1dB	316°K	401859	+239 Hz
2023-04-26	Wednesday	08:30	081°	+30°	0 dB	0°	081°	+30°	230°	+27°	4.1dB	314°K	401910	+232 Hz
2023-04-26	Wednesday	09:00	086°	+35°	0 dB	0°	086°	+35°	237°	+27°	4.1dB	311°K	401960	+221 Hz
2023-04-26	Wednesday	09:30	092°	+40°	0 dB	0°	092°	+40°	245°	+27°	4.1dB	309°K	402010	+206 Hz
2023-04-26	Wednesday	10:00	097°	+45°	0 dB	0°	097°	+45°	252°	+27°	4.0dB	306°K	402059	+187 Hz
2023-04-26	Wednesday	10:30	103°	+50°	0 dB	0°	103°	+50°	259°	+27°	4.0dB	304°K	402108	+165 Hz
2023-04-26	Wednesday	11:00	111°	+55°	0 dB	0°	111°	+55°	266°	+27°	4.0dB	301°K	402157	+139 Hz
2023-04-26	Wednesday	11:30	119°	+60°	0 dB	0°	119°	+60°	274°	+27°	3.9dB	298°K	402204	+110 Hz
2023-04-26	Wednesday	12:00	130°	+64°	0 dB	0°	130°	+64°	281°	+27°	3.9dB	295°K	402252	+79 Hz
2023-04-26	Wednesday	12:30	143°	+67°	0 dB	0°	143°	+67°	288°	+27°	3.9dB	292°K	402299	+46 Hz
2023-04-26	Wednesday	13:00	160°	+70°	0 dB	0°	160°	+70°	295°	+27°	3.8dB	289°K	402345	+12 Hz
2023-04-26	Wednesday	13:30	179°	+71°	0 dB	0°	179°	+71°	303°	+27°	3.8dB	287°K	402391	-23 Hz
2023-04-26	Wednesday	14:00	198°	+70°	0 dB	0°	198°	+70°	310°	+27°	3.8dB	284°K	402436	-58 Hz
2023-04-26	Wednesday	14:30	215°	+67°	0 dB	0°	215°	+67°	317°	+27°	3.7dB	281°K	402481	-93 Hz
2023-04-26	Wednesday	15:00	229°	+64°	0 dB	0°	229°	+64°	324°	+27°	3.7dB	278°K	402525	-126 Hz
2023-04-26	Wednesday	15:30	239°	+60°	0 dB	0°	239°	+60°	332°	+27°	3.7dB	275°K	402569	-157 Hz
2023-04-26	Wednesday	16:00	248°	+55°	0 dB	0°	248°	+55°	339°	+27°	3.6dB	272°K	402612	-187 Hz
2023-04-26	Wednesday	16:30	255°	+50°	0 dB	0°	255°	+50°	346°	+27°	3.6dB	269°K	402655	-213 Hz
2023-04-26	Wednesday	17:00	262°	+45°	0 dB	0°	262°	+45°	353°	+27°	3.6dB	266°K	402697	-237 Hz
2023-04-26	Wednesday	17:30	267°	+40°	0 dB	0°	267°	+40°	1°	+27°	3.5dB	264°K	402739	-256 Hz
2023-04-26	Wednesday	18:00	273°	+35°	0 dB	0°	273°	+35°	8°	+26°	3.5dB	261°K	402780	-272 Hz
2023-04-26	Wednesday	18:30	277°	+30°	0 dB	0°	277°	+30°	15°	+26°	3.5dB	258°K	402821	-284 Hz
2023-04-26	Wednesday	19:00	282°	+25°	0 dB	0°	282°	+25°	22°	+26°	3.4dB	255°K	402861	-291 Hz
2023-04-26	Wednesday	19:30	287°	+20°	0 dB	0°	287°	+20°	30°	+26°	3.4dB	252°K	402901	-295 Hz
2023-04-26	Wednesday	20:00	291°	+15°	0 dB	0°	291°	+15°	37°	+26°	3.3dB	249°K	402940	-293 Hz
2023-04-26	Wednesday	20:30	296°	+11°	0 dB	0°	296°	+11°	44°	+26°	3.3dB	246°K	402978	-288 Hz
2023-04-26	Wednesday	21:00	301°	+6°	0 dB	0°	301°	+6°	51°	+26°	3.3dB	244°K	403016	-278 Hz
2023-04-26	Wednesday	21:30	306°	+2°	0 dB	0°	306°	+2°	59°	+26°	3.2dB	241°K	403054	-265 Hz
2023-04-27	Thursday	06:30	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	2.8dB	214°K	403635	+231 Hz
2023-04-27	Thursday	07:00	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	2.8dB	213°K	403663	+244 Hz
2023-04-27	Thursday	07:30	066°	+11°	0 dB	0°	066°	+11°	204°	+25°	2.8dB	212°K	403689	+253 Hz
2023-04-27	Thursday	08:00	071°	+16°	0 dB	0°	071°	+16°	211°	+25°	2.8dB	211°K	403715	+259 Hz
2023-04-27	Thursday	08:30	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	2.8dB	210°K	403741	+259 Hz
2023-04-27	Thursday	09:00	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	2.8dB	209°K	403766	+255 Hz
2023-04-27	Thursday	09:30	085°	+30°	0 dB	0°	085°	+30°	233°	+25°	2.8dB	208°K	403790	+247 Hz
2023-04-27	Thursday	10:00	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	2.7dB	207°K	403814	+235 Hz
2023-04-27	Thursday	10:30	096°	+40°	0 dB	0°	096°	+40°	247°	+25°	2.7dB	206°K	403837	+218 Hz
2023-04-27	Thursday	11:00	102°	+45°	0 dB	0°	102°	+45°	254°	+25°	2.7dB	206°K	403860	+197 Hz
2023-04-27	Thursday	11:30	108°	+50°	0 dB	0°	108°	+50°	262°	+25°	2.7dB	205°K	403882	+173 Hz
2023-04-27	Thursday	12:00	116°	+55°	0 dB	0°	116°	+55°	269°	+25°	2.7dB	204°K	403903	+146 Hz
2023-04-27	Thursday	12:30	126°	+59°	0 dB	0°	126°	+59°	276°	+25°	2.7dB	203°K	403924	+116 Hz
2023-04-27	Thursday	13:00	137°	+63°	0 dB	0°	137°	+63°	283°	+25°	2.7dB	202°K	403945	+83 Hz
2023-04-27	Thursday	13:30	151°	+66°	0 dB	0°	151°	+66°	291°	+25°	2.6dB	201°K	403965	+49 Hz
2023-04-27	Thursday	14:00	168°	+68°	0 dB	0°	168°	+68°	298°	+24°	2.6dB	200°K	403984	+14 Hz
2023-04-27	Thursday	14:30	185°	+68°	0 dB	0°	185°	+68°	305°	+24°	2.6dB	199°K	404003	-22 Hz
2023-04-27	Thursday	15:00	203°	+67°	0 dB	0°	203°	+67°	312°	+24°	2.6dB	198°K	404021	-58 Hz
2023-04-27	Thursday	15:30	217°	+64°	0 dB	0°	217°	+64°	320°	+24°	2.6dB	197°K	404039	-93 Hz
2023-04-27	Thursday	16:00	230°	+60°	0 dB	0°	230°	+60°	327°	+24°	2.6dB	196°K	404056	-126 Hz
2023-04-27	Thursday	16:30	240°	+56°	0 dB	0°	240°	+56°	334°	+24°	2.6dB	195°K	404072	-158 Hz
2023-04-27	Thursday	17:00	248°	+52°	0 dB	0°	248°	+52°	341°	+24°	2.6dB	195°K	404088	-187 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-04-27	Thursday	17:30	255°	+47°	0 dB	0°	255°	+47°	349°	+24°	2.5dB	194°K	404104	-213 Hz
2023-04-27	Thursday	18:00	261°	+42°	0 dB	0°	261°	+42°	356°	+24°	2.5dB	193°K	404119	-235 Hz
2023-04-27	Thursday	18:30	267°	+37°	0 dB	0°	267°	+37°	3°	+24°	2.5dB	192°K	404133	-254 Hz
2023-04-27	Thursday	19:00	272°	+31°	0 dB	0°	272°	+31°	11°	+24°	2.5dB	191°K	404147	-269 Hz
2023-04-27	Thursday	19:30	277°	+26°	0 dB	0°	277°	+26°	18°	+24°	2.5dB	190°K	404160	-279 Hz
2023-04-27	Thursday	20:00	282°	+21°	0 dB	0°	282°	+21°	25°	+24°	2.5dB	189°K	404173	-286 Hz
2023-04-27	Thursday	20:30	286°	+16°	0 dB	0°	286°	+16°	32°	+24°	2.4dB	188°K	404185	-287 Hz
2023-04-27	Thursday	21:00	291°	+12°	0 dB	0°	291°	+12°	40°	+24°	2.4dB	187°K	404196	-284 Hz
2023-04-27	Thursday	21:30	296°	+7°	0 dB	0°	296°	+7°	47°	+24°	2.4dB	186°K	404207	-277 Hz
2023-04-27	Thursday	22:00	301°	+2°	0 dB	0°	301°	+2°	54°	+23°	2.4dB	185°K	404217	-266 Hz
2023-04-28	Fri day	07:30	060°	+1°	0 dB	0°	060°	+1°	192°	+22°	2.2dB	175°K	404306	+257 Hz
2023-04-28	Fri day	08:00	065°	+6°	0 dB	0°	065°	+6°	199°	+22°	2.2dB	175°K	404305	+269 Hz
2023-04-28	Fri day	08:30	070°	+10°	0 dB	0°	070°	+10°	207°	+22°	2.2dB	176°K	404304	+277 Hz
2023-04-28	Fri day	09:00	075°	+15°	0 dB	0°	075°	+15°	214°	+22°	2.2dB	176°K	404302	+280 Hz
2023-04-28	Fri day	09:30	080°	+20°	0 dB	0°	080°	+20°	221°	+22°	2.2dB	176°K	404299	+279 Hz
2023-04-28	Fri day	10:00	085°	+25°	0 dB	0°	085°	+25°	228°	+22°	2.2dB	177°K	404296	+273 Hz
2023-04-28	Fri day	10:30	090°	+30°	0 dB	0°	090°	+30°	236°	+22°	2.2dB	177°K	404292	+263 Hz
2023-04-28	Fri day	11:00	096°	+35°	0 dB	0°	096°	+35°	243°	+22°	2.2dB	177°K	404288	+248 Hz
2023-04-28	Fri day	11:30	101°	+40°	0 dB	0°	101°	+40°	250°	+21°	2.2dB	177°K	404283	+230 Hz
2023-04-28	Fri day	12:00	108°	+45°	0 dB	0°	108°	+45°	258°	+21°	2.3dB	178°K	404277	+207 Hz
2023-04-28	Fri day	12:30	115°	+50°	0 dB	0°	115°	+50°	265°	+21°	2.3dB	178°K	404271	+180 Hz
2023-04-28	Fri day	13:00	124°	+54°	0 dB	0°	124°	+54°	272°	+21°	2.3dB	178°K	404264	+151 Hz
2023-04-28	Fri day	13:30	134°	+58°	0 dB	0°	134°	+58°	279°	+21°	2.3dB	179°K	404257	+119 Hz
2023-04-28	Fri day	14:00	146°	+61°	0 dB	0°	146°	+61°	287°	+21°	2.3dB	179°K	404250	+85 Hz
2023-04-28	Fri day	14:30	160°	+64°	0 dB	0°	160°	+64°	294°	+21°	2.3dB	179°K	404241	+49 Hz
2023-04-28	Fri day	15:00	176°	+65°	0 dB	0°	176°	+65°	301°	+21°	2.3dB	180°K	404232	+12 Hz
2023-04-28	Fri day	15:30	192°	+64°	0 dB	0°	192°	+64°	308°	+21°	2.3dB	180°K	404223	-24 Hz
2023-04-28	Fri day	16:00	207°	+62°	0 dB	0°	207°	+62°	316°	+21°	2.3dB	180°K	404213	-61 Hz
2023-04-28	Fri day	16:30	219°	+59°	0 dB	0°	219°	+59°	323°	+21°	2.3dB	180°K	404202	-96 Hz
2023-04-28	Fri day	17:00	230°	+56°	0 dB	0°	230°	+56°	330°	+21°	2.3dB	181°K	404191	-130 Hz
2023-04-28	Fri day	17:30	240°	+51°	0 dB	0°	240°	+51°	337°	+21°	2.3dB	181°K	404180	-161 Hz
2023-04-28	Fri day	18:00	247°	+47°	0 dB	0°	247°	+47°	345°	+20°	2.3dB	181°K	404168	-190 Hz
2023-04-28	Fri day	18:30	254°	+42°	0 dB	0°	254°	+42°	352°	+20°	2.3dB	182°K	404155	-215 Hz
2023-04-28	Fri day	19:00	260°	+37°	0 dB	0°	260°	+37°	359°	+20°	2.3dB	182°K	404141	-237 Hz
2023-04-28	Fri day	19:30	266°	+32°	0 dB	0°	266°	+32°	7°	+20°	2.3dB	182°K	404128	-254 Hz
2023-04-28	Fri day	20:00	271°	+27°	0 dB	0°	271°	+27°	14°	+20°	2.3dB	182°K	404113	-267 Hz
2023-04-28	Fri day	20:30	276°	+22°	0 dB	0°	276°	+22°	21°	+20°	2.3dB	182°K	404098	-276 Hz
2023-04-28	Fri day	21:00	281°	+16°	0 dB	0°	281°	+16°	28°	+20°	2.3dB	183°K	404083	-280 Hz
2023-04-28	Fri day	21:30	286°	+11°	0 dB	0°	286°	+11°	36°	+20°	2.3dB	183°K	404067	-280 Hz
2023-04-28	Fri day	22:00	291°	+7°	0 dB	0°	291°	+7°	43°	+20°	2.3dB	183°K	404050	-275 Hz
2023-04-28	Fri day	22:30	296°	+2°	0 dB	0°	296°	+2°	50°	+20°	2.3dB	183°K	404033	-265 Hz
2023-04-29	Saturday	08:30	065°	+1°	0 dB	0°	065°	+1°	196°	+18°	2.4dB	186°K	403574	+284 Hz
2023-04-29	Saturday	09:00	071°	+5°	0 dB	0°	071°	+5°	203°	+18°	2.4dB	186°K	403546	+294 Hz
2023-04-29	Saturday	09:30	076°	+10°	0 dB	0°	076°	+10°	210°	+18°	2.4dB	186°K	403517	+300 Hz
2023-04-29	Saturday	10:00	081°	+15°	0 dB	0°	081°	+15°	218°	+18°	2.4dB	186°K	403487	+301 Hz
2023-04-29	Saturday	10:30	086°	+20°	0 dB	0°	086°	+20°	225°	+18°	2.4dB	186°K	403457	+298 Hz
2023-04-29	Saturday	11:00	091°	+25°	0 dB	0°	091°	+25°	232°	+17°	2.4dB	187°K	403426	+289 Hz
2023-04-29	Saturday	11:30	097°	+30°	0 dB	0°	097°	+30°	239°	+17°	2.4dB	187°K	403395	+276 Hz
2023-04-29	Saturday	12:00	102°	+35°	0 dB	0°	102°	+35°	247°	+17°	2.4dB	187°K	403363	+259 Hz
2023-04-29	Saturday	12:30	109°	+40°	0 dB	0°	109°	+40°	254°	+17°	2.4dB	187°K	403331	+238 Hz
2023-04-29	Saturday	13:00	116°	+44°	0 dB	0°	116°	+44°	261°	+17°	2.4dB	188°K	403298	+212 Hz
2023-04-29	Saturday	13:30	124°	+49°	0 dB	0°	124°	+49°	269°	+17°	2.4dB	188°K	403265	+183 Hz
2023-04-29	Saturday	14:00	133°	+53°	0 dB	0°	133°	+53°	276°	+17°	2.4dB	188°K	403231	+152 Hz
2023-04-29	Saturday	14:30	144°	+56°	0 dB	0°	144°	+56°	283°	+17°	2.4dB	188°K	403197	+117 Hz
2023-04-29	Saturday	15:00	156°	+58°	0 dB	0°	156°	+58°	290°	+17°	2.4dB	189°K	403162	+81 Hz
2023-04-29	Saturday	15:30	170°	+60°	0 dB	0°	170°	+60°	298°	+17°	2.4dB	189°K	403126	+44 Hz
2023-04-29	Saturday	16:00	184°	+60°	0 dB	0°	184°	+60°	305°	+16°	2.4dB	189°K	403091	+6 Hz
2023-04-29	Saturday	16:30	198°	+59°	0 dB	0°	198°	+59°	312°	+16°	2.4dB	190°K	403054	-32 Hz
2023-04-29	Saturday	17:00	210°	+57°	0 dB	0°	210°	+57°	320°	+16°	2.4dB	190°K	403017	-69 Hz
2023-04-29	Saturday	17:30	222°	+54°	0 dB	0°	222°	+54°	327°	+16°	2.4dB	190°K	402980	-104 Hz
2023-04-29	Saturday	18:00	231°	+50°	0 dB	0°	231°	+50°	334°	+16°	2.4dB	190°K	402942	-137 Hz
2023-04-29	Saturday	18:30	240°	+46°	0 dB	0°	240°	+46°	341°	+16°	2.4dB	191°K	402903	-168 Hz
2023-04-29	Saturday	19:00	247°	+41°	0 dB	0°	247°	+41°	349°	+16°	2.4dB	191°K	402865	-196 Hz
2023-04-29	Saturday	19:30	253°	+36°	0 dB	0°	253°	+36°	356°	+16°	2.4dB	191°K	402825	-220 Hz
2023-04-29	Saturday	20:00	259°	+31°	0 dB	0°	259°	+31°	3°	+16°	2.4dB	192°K	402785	-240 Hz
2023-04-29	Saturday	20:30	265°	+26°	0 dB	0°	265°	+26°	11°	+16°	2.4dB	192°K	402745	-255 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-04-29	Saturday	21:00	270°	+21°	0 dB	0°	270°	+21°	18°	+16°	2.4dB	192°K	402704 -266 Hz
2023-04-29	Saturday	21:30	275°	+16°	0 dB	0°	275°	+16°	25°	+15°	2.4dB	192°K	402662 -273 Hz
2023-04-29	Saturday	22:00	280°	+11°	0 dB	0°	280°	+11°	32°	+15°	2.5dB	193°K	402620 -274 Hz
2023-04-29	Saturday	22:30	285°	+5°	0 dB	0°	285°	+5°	40°	+15°	2.5dB	193°K	402578 -271 Hz
2023-04-29	Saturday	23:00	290°	+1°	0 dB	0°	290°	+1°	47°	+15°	2.5dB	193°K	402535 -263 Hz
2023-04-30	Sunday	09:30	072°	-0°	0 dB	0°	072°	-0°	200°	+13°	2.5dB	199°K	401522 +309 Hz
2023-04-30	Sunday	10:00	077°	+4°	0 dB	0°	077°	+4°	207°	+13°	2.5dB	199°K	401469 +317 Hz
2023-04-30	Sunday	10:30	082°	+9°	0 dB	0°	082°	+9°	215°	+13°	2.5dB	199°K	401415 +320 Hz
2023-04-30	Sunday	11:00	087°	+14°	0 dB	0°	087°	+14°	222°	+13°	2.5dB	200°K	401360 +318 Hz
2023-04-30	Sunday	11:30	093°	+19°	0 dB	0°	093°	+19°	229°	+13°	2.5dB	200°K	401306 +312 Hz
2023-04-30	Sunday	12:00	098°	+24°	0 dB	0°	098°	+24°	236°	+12°	2.5dB	200°K	401251 +300 Hz
2023-04-30	Sunday	12:30	104°	+29°	0 dB	0°	104°	+29°	244°	+12°	2.5dB	201°K	401195 +285 Hz
2023-04-30	Sunday	13:00	110°	+34°	0 dB	0°	110°	+34°	251°	+12°	2.5dB	201°K	401139 +264 Hz
2023-04-30	Sunday	13:30	117°	+39°	0 dB	0°	117°	+39°	258°	+12°	2.5dB	201°K	401082 +240 Hz
2023-04-30	Sunday	14:00	125°	+43°	0 dB	0°	125°	+43°	266°	+12°	2.5dB	201°K	401025 +212 Hz
2023-04-30	Sunday	14:30	133°	+47°	0 dB	0°	133°	+47°	273°	+12°	2.5dB	202°K	400968 +180 Hz
2023-04-30	Sunday	15:00	143°	+50°	0 dB	0°	143°	+50°	280°	+12°	2.5dB	202°K	400910 +146 Hz
2023-04-30	Sunday	15:30	154°	+53°	0 dB	0°	154°	+53°	287°	+12°	2.5dB	202°K	400852 +110 Hz
2023-04-30	Sunday	16:00	166°	+54°	0 dB	0°	166°	+54°	295°	+12°	2.5dB	202°K	400793 +72 Hz
2023-04-30	Sunday	16:30	178°	+55°	0 dB	0°	178°	+55°	302°	+11°	2.5dB	203°K	400734 +33 Hz
2023-04-30	Sunday	17:00	191°	+54°	0 dB	0°	191°	+54°	309°	+11°	2.5dB	203°K	400675 -5 Hz
2023-04-30	Sunday	17:30	203°	+53°	0 dB	0°	203°	+53°	317°	+11°	2.5dB	203°K	400615 -44 Hz
2023-04-30	Sunday	18:00	214°	+50°	0 dB	0°	214°	+50°	324°	+11°	2.5dB	203°K	400554 -81 Hz
2023-04-30	Sunday	18:30	223°	+47°	0 dB	0°	223°	+47°	331°	+11°	2.5dB	204°K	400494 -116 Hz
2023-04-30	Sunday	19:00	232°	+43°	0 dB	0°	232°	+43°	338°	+11°	2.5dB	204°K	400432 -148 Hz
2023-04-30	Sunday	19:30	240°	+39°	0 dB	0°	240°	+39°	346°	+11°	2.5dB	204°K	400371 -178 Hz
2023-04-30	Sunday	20:00	247°	+34°	0 dB	0°	247°	+34°	353°	+11°	2.6dB	205°K	400309 -204 Hz
2023-04-30	Sunday	20:30	253°	+29°	0 dB	0°	253°	+29°	0°	+11°	2.6dB	205°K	400246 -226 Hz
2023-04-30	Sunday	21:00	259°	+24°	0 dB	0°	259°	+24°	8°	+10°	2.6dB	205°K	400183 -243 Hz
2023-04-30	Sunday	21:30	264°	+19°	0 dB	0°	264°	+19°	15°	+10°	2.5dB	205°K	400120 -256 Hz
2023-04-30	Sunday	22:00	269°	+14°	0 dB	0°	269°	+14°	22°	+10°	2.6dB	206°K	400056 -265 Hz
2023-04-30	Sunday	22:30	275°	+9°	0 dB	0°	275°	+9°	29°	+10°	2.6dB	206°K	399992 -268 Hz
2023-04-30	Sunday	23:00	280°	+4°	0 dB	0°	280°	+4°	37°	+10°	2.6dB	206°K	399928 -267 Hz
2023-05-01	Monday	11:00	084°	+3°	0 dB	0°	084°	+3°	212°	+7°	2.6dB	213°K	398267 +334 Hz
2023-05-01	Monday	11:30	089°	+8°	0 dB	0°	089°	+8°	219°	+7°	2.6dB	213°K	398193 +334 Hz
2023-05-01	Monday	12:00	095°	+13°	0 dB	0°	095°	+13°	226°	+7°	2.6dB	215°K	398119 +329 Hz
2023-05-01	Monday	12:30	100°	+18°	0 dB	0°	100°	+18°	234°	+7°	2.6dB	216°K	398045 +319 Hz
2023-05-01	Monday	13:00	106°	+23°	0 dB	0°	106°	+23°	241°	+7°	2.7dB	218°K	397970 +304 Hz
2023-05-01	Monday	13:30	112°	+28°	0 dB	0°	112°	+28°	248°	+7°	2.7dB	219°K	397895 +285 Hz
2023-05-01	Monday	14:00	119°	+32°	0 dB	0°	119°	+32°	255°	+7°	2.7dB	221°K	397819 +262 Hz
2023-05-01	Monday	14:30	126°	+37°	0 dB	0°	126°	+37°	263°	+6°	2.7dB	222°K	397744 +235 Hz
2023-05-01	Monday	15:00	134°	+41°	0 dB	0°	134°	+41°	270°	+6°	2.7dB	224°K	397668 +204 Hz
2023-05-01	Monday	15:30	143°	+44°	0 dB	0°	143°	+44°	277°	+6°	2.8dB	225°K	397592 +170 Hz
2023-05-01	Monday	16:00	153°	+46°	0 dB	0°	153°	+46°	285°	+6°	2.8dB	227°K	397515 +134 Hz
2023-05-01	Monday	16:30	163°	+48°	0 dB	0°	163°	+48°	292°	+6°	2.8dB	228°K	397438 +96 Hz
2023-05-01	Monday	17:00	174°	+49°	0 dB	0°	174°	+49°	299°	+6°	2.8dB	230°K	397361 +57 Hz
2023-05-01	Monday	17:30	185°	+49°	0 dB	0°	185°	+49°	307°	+6°	2.8dB	231°K	397283 +18 Hz
2023-05-01	Monday	18:00	196°	+48°	0 dB	0°	196°	+48°	314°	+6°	2.8dB	232°K	397205 -21 Hz
2023-05-01	Monday	18:30	207°	+46°	0 dB	0°	207°	+46°	321°	+6°	2.9dB	234°K	397127 -59 Hz
2023-05-01	Monday	19:00	216°	+43°	0 dB	0°	216°	+43°	328°	+5°	2.9dB	235°K	397049 -96 Hz
2023-05-01	Monday	19:30	225°	+40°	0 dB	0°	225°	+40°	336°	+5°	2.9dB	237°K	396970 -130 Hz
2023-05-01	Monday	20:00	233°	+36°	0 dB	0°	233°	+36°	343°	+5°	2.9dB	238°K	396891 -161 Hz
2023-05-01	Monday	20:30	240°	+31°	0 dB	0°	240°	+31°	350°	+5°	2.9dB	240°K	396812 -188 Hz
2023-05-01	Monday	21:00	246°	+27°	0 dB	0°	246°	+27°	358°	+5°	3.0dB	241°K	396732 -212 Hz
2023-05-01	Monday	21:30	252°	+22°	0 dB	0°	252°	+22°	5°	+5°	3.0dB	243°K	396652 -232 Hz
2023-05-01	Monday	22:00	258°	+17°	0 dB	0°	258°	+17°	12°	+5°	3.0dB	244°K	396572 -247 Hz
2023-05-01	Monday	22:30	263°	+12°	0 dB	0°	263°	+12°	19°	+5°	3.0dB	246°K	396491 -257 Hz
2023-05-01	Monday	23:00	269°	+7°	0 dB	0°	269°	+7°	27°	+4°	3.0dB	247°K	396411 -262 Hz
2023-05-01	Monday	23:30	274°	+1°	0 dB	0°	274°	+1°	34°	+4°	3.1dB	249°K	396330 -262 Hz
2023-05-02	Tuesday	12:00	091°	+2°	0 dB	0°	091°	+2°	216°	+1°	3.5dB	287°K	394224 +342 Hz
2023-05-02	Tuesday	12:30	097°	+7°	0 dB	0°	097°	+7°	224°	+1°	3.5dB	289°K	394137 +339 Hz
2023-05-02	Tuesday	13:00	102°	+12°	0 dB	0°	102°	+12°	231°	+1°	3.5dB	291°K	394050 +331 Hz
2023-05-02	Tuesday	13:30	108°	+17°	0 dB	0°	108°	+17°	238°	+1°	3.5dB	292°K	393962 +318 Hz
2023-05-02	Tuesday	14:00	114°	+22°	0 dB	0°	114°	+22°	245°	+1°	3.5dB	294°K	393874 +300 Hz
2023-05-02	Tuesday	14:30	120°	+26°	0 dB	0°	120°	+26°	253°	+1°	3.5dB	295°K	393787 +278 Hz
2023-05-02	Tuesday	15:00	127°	+30°	0 dB	0°	127°	+30°	260°	+1°	3.6dB	297°K	393699 +252 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-02	Tuesday	15:30	135°	+34°	0 dB	0°	135°	+34°	267°	+0°	3.6dB	299°K	393610 +222 Hz
2023-05-02	Tuesday	16:00	143°	+37°	0 dB	0°	143°	+37°	275°	+0°	3.6dB	300°K	393522 +189 Hz
2023-05-02	Tuesday	16:30	152°	+40°	0 dB	0°	152°	+40°	282°	+0°	3.6dB	302°K	393433 +154 Hz
2023-05-02	Tuesday	17:00	161°	+42°	0 dB	0°	161°	+42°	289°	+0°	3.6dB	303°K	393345 +116 Hz
2023-05-02	Tuesday	17:30	171°	+43°	0 dB	0°	171°	+43°	296°	-0°	3.6dB	305°K	393256 +77 Hz
2023-05-02	Tuesday	18:00	181°	+43°	0 dB	0°	181°	+43°	304°	-0°	3.7dB	307°K	393167 +38 Hz
2023-05-02	Tuesday	18:30	191°	+42°	0 dB	0°	191°	+42°	311°	-0°	3.7dB	308°K	393077 -1 Hz
2023-05-02	Tuesday	19:00	201°	+41°	0 dB	0°	201°	+41°	318°	-0°	3.7dB	310°K	392988 -40 Hz
2023-05-02	Tuesday	19:30	210°	+39°	0 dB	0°	210°	+39°	326°	-1°	3.7dB	312°K	392898 -77 Hz
2023-05-02	Tuesday	20:00	218°	+36°	0 dB	0°	218°	+36°	333°	-1°	3.7dB	313°K	392809 -112 Hz
2023-05-02	Tuesday	20:30	226°	+32°	0 dB	0°	226°	+32°	340°	-1°	3.7dB	313°K	392719 -144 Hz
2023-05-02	Tuesday	21:00	233°	+28°	0 dB	0°	233°	+28°	347°	-1°	3.7dB	313°K	392629 -173 Hz
2023-05-02	Tuesday	21:30	240°	+24°	0 dB	0°	240°	+24°	355°	-1°	3.7dB	313°K	392539 -198 Hz
2023-05-02	Tuesday	22:00	246°	+19°	0 dB	0°	246°	+19°	2°	-1°	3.7dB	313°K	392448 -219 Hz
2023-05-02	Tuesday	22:30	252°	+14°	0 dB	0°	252°	+14°	9°	-1°	3.7dB	313°K	392358 -236 Hz
2023-05-02	Tuesday	23:00	257°	+9°	0 dB	0°	257°	+9°	17°	-1°	3.7dB	313°K	392267 -248 Hz
2023-05-02	Tuesday	23:30	262°	+4°	0 dB	0°	262°	+4°	24°	-2°	3.7dB	313°K	392177 -255 Hz
2023-05-03	Wednesday	00:00	099°	+1°	0 dB	0°	099°	+1°	21°	-5°	3.6dB	312°K	389689 +342 Hz
2023-05-03	Wednesday	13:30	104°	+6°	0 dB	0°	104°	+6°	228°	-5°	3.6dB	312°K	389596 +335 Hz
2023-05-03	Wednesday	14:00	110°	+10°	0 dB	0°	110°	+10°	235°	-5°	3.6dB	312°K	389503 +324 Hz
2023-05-03	Wednesday	14:30	116°	+15°	0 dB	0°	116°	+15°	242°	-5°	3.5dB	311°K	389409 +308 Hz
2023-05-03	Wednesday	15:00	122°	+19°	0 dB	0°	122°	+19°	250°	-5°	3.5dB	311°K	389316 +288 Hz
2023-05-03	Wednesday	15:30	128°	+23°	0 dB	0°	128°	+23°	257°	-5°	3.5dB	311°K	389223 +263 Hz
2023-05-03	Wednesday	16:00	135°	+27°	0 dB	0°	135°	+27°	264°	-6°	3.5dB	310°K	389129 +235 Hz
2023-05-03	Wednesday	16:30	143°	+30°	0 dB	0°	143°	+30°	272°	-6°	3.5dB	310°K	389036 +204 Hz
2023-05-03	Wednesday	17:00	151°	+33°	0 dB	0°	151°	+33°	279°	-6°	3.5dB	310°K	388943 +170 Hz
2023-05-03	Wednesday	17:30	159°	+35°	0 dB	0°	159°	+35°	286°	-6°	3.5dB	310°K	388849 +133 Hz
2023-05-03	Wednesday	18:00	168°	+36°	0 dB	0°	168°	+36°	293°	-6°	3.5dB	309°K	388756 +95 Hz
2023-05-03	Wednesday	18:30	177°	+37°	0 dB	0°	177°	+37°	301°	-6°	3.5dB	309°K	388662 +56 Hz
2023-05-03	Wednesday	19:00	186°	+37°	0 dB	0°	186°	+37°	308°	-6°	3.5dB	309°K	388569 +17 Hz
2023-05-03	Wednesday	19:30	195°	+36°	0 dB	0°	195°	+36°	315°	-6°	3.5dB	308°K	388475 -21 Hz
2023-05-03	Wednesday	20:00	204°	+34°	0 dB	0°	204°	+34°	323°	-7°	3.5dB	308°K	388382 -59 Hz
2023-05-03	Wednesday	20:30	212°	+31°	0 dB	0°	212°	+31°	330°	-7°	3.5dB	308°K	388288 -94 Hz
2023-05-03	Wednesday	21:00	220°	+28°	0 dB	0°	220°	+28°	337°	-7°	3.5dB	308°K	388195 -127 Hz
2023-05-03	Wednesday	21:30	227°	+25°	0 dB	0°	227°	+25°	344°	-7°	3.4dB	307°K	388101 -157 Hz
2023-05-03	Wednesday	22:00	233°	+21°	0 dB	0°	233°	+21°	352°	-7°	3.4dB	307°K	388008 -184 Hz
2023-05-03	Wednesday	22:30	239°	+16°	0 dB	0°	239°	+16°	359°	-7°	3.4dB	307°K	387914 -206 Hz
2023-05-03	Wednesday	23:00	245°	+12°	0 dB	0°	245°	+12°	6°	-7°	3.4dB	306°K	387821 -224 Hz
2023-05-03	Wednesday	23:30	251°	+7°	0 dB	0°	251°	+7°	14°	-7°	3.4dB	306°K	387728 -238 Hz
2023-05-04	Thursday	00:00	256°	+2°	0 dB	0°	256°	+2°	21°	-8°	3.4dB	306°K	387634 -247 Hz
2023-05-04	Thursday	14:30	111°	+4°	0 dB	0°	111°	+4°	232°	-11°	3.4dB	320°K	384945 +323 Hz
2023-05-04	Thursday	15:00	117°	+8°	0 dB	0°	117°	+8°	239°	-11°	3.5dB	321°K	384853 +310 Hz
2023-05-04	Thursday	15:30	123°	+12°	0 dB	0°	123°	+12°	246°	-11°	3.4dB	321°K	384761 +292 Hz
2023-05-04	Thursday	16:00	129°	+17°	0 dB	0°	129°	+17°	254°	-11°	3.5dB	322°K	384670 +270 Hz
2023-05-04	Thursday	16:30	135°	+20°	0 dB	0°	135°	+20°	261°	-12°	3.5dB	323°K	384579 +244 Hz
2023-05-04	Thursday	17:00	142°	+23°	0 dB	0°	142°	+23°	268°	-12°	3.5dB	324°K	384488 +214 Hz
2023-05-04	Thursday	17:30	149°	+26°	0 dB	0°	149°	+26°	275°	-12°	3.5dB	324°K	384396 +182 Hz
2023-05-04	Thursday	18:00	157°	+28°	0 dB	0°	157°	+28°	283°	-12°	3.5dB	325°K	384306 +147 Hz
2023-05-04	Thursday	18:30	165°	+30°	0 dB	0°	165°	+30°	290°	-12°	3.5dB	326°K	384215 +111 Hz
2023-05-04	Thursday	19:00	173°	+31°	0 dB	0°	173°	+31°	297°	-12°	3.5dB	327°K	384124 +73 Hz
2023-05-04	Thursday	19:30	182°	+31°	0 dB	0°	182°	+31°	304°	-12°	3.5dB	328°K	384033 +35 Hz
2023-05-04	Thursday	20:00	190°	+30°	0 dB	0°	190°	+30°	312°	-12°	3.5dB	329°K	383943 -3 Hz
2023-05-04	Thursday	20:30	198°	+29°	0 dB	0°	198°	+29°	319°	-13°	3.5dB	331°K	383853 -40 Hz
2023-05-04	Thursday	21:00	206°	+27°	0 dB	0°	206°	+27°	326°	-13°	3.5dB	332°K	383762 -76 Hz
2023-05-04	Thursday	21:30	213°	+24°	0 dB	0°	213°	+24°	333°	-13°	3.5dB	333°K	383672 -109 Hz
2023-05-04	Thursday	22:00	220°	+21°	0 dB	0°	220°	+21°	341°	-13°	3.5dB	334°K	383582 -140 Hz
2023-05-04	Thursday	22:30	227°	+18°	0 dB	0°	227°	+18°	348°	-13°	3.5dB	335°K	383493 -167 Hz
2023-05-04	Thursday	23:00	233°	+14°	0 dB	0°	233°	+14°	355°	-13°	3.6dB	337°K	383403 -191 Hz
2023-05-04	Thursday	23:30	238°	+9°	0 dB	0°	238°	+9°	2°	-13°	3.6dB	338°K	383314 -211 Hz
2023-05-05	Friday	00:00	244°	+5°	0 dB	0°	244°	+5°	10°	-13°	3.6dB	339°K	383224 -227 Hz
2023-05-05	Friday	00:30	249°	+0°	0 dB	0°	249°	+0°	17°	-13°	3.6dB	340°K	383135 -238 Hz
2023-05-05	Friday	15:30	117°	+1°	0 dB	0°	117°	+1°	235°	-17°	3.8dB	375°K	380542 +306 Hz
2023-05-05	Friday	16:00	123°	+5°	0 dB	0°	123°	+5°	242°	-17°	3.8dB	376°K	380458 +291 Hz
2023-05-05	Friday	16:30	128°	+9°	0 dB	0°	128°	+9°	249°	-17°	3.8dB	377°K	380375 +272 Hz
2023-05-05	Friday	17:00	134°	+13°	0 dB	0°	134°	+13°	256°	-17°	3.8dB	378°K	380292 +249 Hz
2023-05-05	Friday	17:30	141°	+17°	0 dB	0°	141°	+17°	264°	-17°	3.9dB	379°K	380210 +222 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-05	Fri day	18:00	147°	+19°	0 dB	0°	147°	+19°	271°	-17°	3.9dB	381°K	380127 +193 Hz
2023-05-05	Fri day	18:30	154°	+22°	0 dB	0°	154°	+22°	278°	-17°	3.9dB	382°K	380045 +160 Hz
2023-05-05	Fri day	19:00	162°	+24°	0 dB	0°	162°	+24°	285°	-18°	3.9dB	383°K	379963 +126 Hz
2023-05-05	Fri day	19:30	169°	+25°	0 dB	0°	169°	+25°	293°	-18°	3.9dB	384°K	379881 +90 Hz
2023-05-05	Fri day	20:00	177°	+25°	0 dB	0°	177°	+25°	300°	-18°	3.9dB	385°K	379800 +53 Hz
2023-05-05	Fri day	20:30	184°	+25°	0 dB	0°	184°	+25°	307°	-18°	3.9dB	386°K	379719 +16 Hz
2023-05-05	Fri day	21:00	192°	+24°	0 dB	0°	192°	+24°	314°	-18°	3.9dB	387°K	379638 -20 Hz
2023-05-05	Fri day	21:30	199°	+23°	0 dB	0°	199°	+23°	322°	-18°	3.9dB	388°K	379557 -55 Hz
2023-05-05	Fri day	22:00	207°	+21°	0 dB	0°	207°	+21°	329°	-18°	3.9dB	389°K	379477 -89 Hz
2023-05-05	Fri day	22:30	213°	+18°	0 dB	0°	213°	+18°	336°	-18°	3.9dB	391°K	379396 -120 Hz
2023-05-05	Fri day	23:00	220°	+15°	0 dB	0°	220°	+15°	343°	-18°	3.9dB	392°K	379316 -149 Hz
2023-05-05	Fri day	23:30	226°	+11°	0 dB	0°	226°	+11°	351°	-19°	3.9dB	393°K	379237 -174 Hz
2023-05-06	Saturday	00:00	232°	+8°	0 dB	0°	232°	+8°	358°	-19°	4.0dB	394°K	379157 -196 Hz
2023-05-06	Saturday	00:30	237°	+3°	0 dB	0°	237°	+3°	5°	-19°	4.0dB	395°K	379078 -214 Hz
2023-05-06	Saturday	17:00	127°	+3°	0 dB	0°	127°	+3°	244°	-22°	4.3dB	441°K	376617 +271 Hz
2023-05-06	Saturday	17:30	133°	+6°	0 dB	0°	133°	+6°	251°	-22°	4.3dB	444°K	376547 +252 Hz
2023-05-06	Saturday	18:00	138°	+10°	0 dB	0°	138°	+10°	258°	-22°	4.3dB	446°K	376478 +229 Hz
2023-05-06	Saturday	18:30	145°	+13°	0 dB	0°	145°	+13°	266°	-22°	4.3dB	448°K	376409 +202 Hz
2023-05-06	Saturday	19:00	151°	+16°	0 dB	0°	151°	+16°	273°	-22°	4.3dB	451°K	376341 +173 Hz
2023-05-06	Saturday	19:30	158°	+18°	0 dB	0°	158°	+18°	280°	-22°	4.4dB	453°K	376272 +141 Hz
2023-05-06	Saturday	20:00	164°	+19°	0 dB	0°	164°	+19°	287°	-22°	4.4dB	456°K	376204 +108 Hz
2023-05-06	Saturday	20:30	171°	+20°	0 dB	0°	171°	+20°	294°	-22°	4.4dB	458°K	376136 +73 Hz
2023-05-06	Saturday	21:00	179°	+21°	0 dB	0°	179°	+21°	302°	-23°	4.4dB	460°K	376069 +38 Hz
2023-05-06	Saturday	21:30	186°	+20°	0 dB	0°	186°	+20°	309°	-23°	4.4dB	463°K	376002 +2 Hz
2023-05-06	Saturday	22:00	193°	+19°	0 dB	0°	193°	+19°	316°	-23°	4.4dB	465°K	375935 -32 Hz
2023-05-06	Saturday	22:30	200°	+18°	0 dB	0°	200°	+18°	323°	-23°	4.5dB	468°K	375869 -66 Hz
2023-05-06	Saturday	23:00	206°	+16°	0 dB	0°	206°	+16°	331°	-23°	4.5dB	470°K	375803 -98 Hz
2023-05-06	Saturday	23:30	213°	+13°	0 dB	0°	213°	+13°	338°	-23°	4.5dB	473°K	375737 -128 Hz
2023-05-07	Sunday	00:00	219°	+10°	0 dB	0°	219°	+10°	345°	-23°	4.5dB	475°K	375671 -154 Hz
2023-05-07	Sunday	00:30	225°	+7°	0 dB	0°	225°	+7°	352°	-23°	4.5dB	477°K	375606 -178 Hz
2023-05-07	Sunday	01:00	230°	+3°	0 dB	0°	230°	+3°	359°	-23°	4.6dB	482°K	375541 -198 Hz
2023-05-07	Sunday	18:00	130°	+0°	0 dB	0°	130°	+0°	245°	-26°	6.0dB	721°K	373535 +254 Hz
2023-05-07	Sunday	18:30	135°	+4°	0 dB	0°	135°	+4°	252°	-26°	6.1dB	732°K	373482 +235 Hz
2023-05-07	Sunday	19:00	141°	+7°	0 dB	0°	141°	+7°	259°	-26°	6.2dB	743°K	373430 +212 Hz
2023-05-07	Sunday	19:30	147°	+10°	0 dB	0°	147°	+10°	266°	-26°	6.2dB	754°K	373377 +187 Hz
2023-05-07	Sunday	20:00	153°	+12°	0 dB	0°	153°	+12°	273°	-26°	6.3dB	765°K	373325 +158 Hz
2023-05-07	Sunday	20:30	159°	+14°	0 dB	0°	159°	+14°	281°	-26°	6.3dB	776°K	373274 +128 Hz
2023-05-07	Sunday	21:00	166°	+16°	0 dB	0°	166°	+16°	288°	-26°	6.4dB	788°K	373222 +95 Hz
2023-05-07	Sunday	21:30	172°	+17°	0 dB	0°	172°	+17°	295°	-26°	6.4dB	799°K	373171 +62 Hz
2023-05-07	Sunday	22:00	179°	+17°	0 dB	0°	179°	+17°	302°	-26°	6.5dB	810°K	373121 +28 Hz
2023-05-07	Sunday	22:30	186°	+17°	0 dB	0°	186°	+17°	309°	-26°	6.6dB	821°K	373071 -7 Hz
2023-05-07	Sunday	23:00	193°	+16°	0 dB	0°	193°	+16°	317°	-26°	6.6dB	832°K	373021 -40 Hz
2023-05-07	Sunday	23:30	199°	+14°	0 dB	0°	199°	+14°	324°	-26°	6.7dB	843°K	372971 -73 Hz
2023-05-08	Monday	00:00	206°	+12°	0 dB	0°	206°	+12°	331°	-26°	6.7dB	854°K	372922 -103 Hz
2023-05-08	Monday	00:30	212°	+10°	0 dB	0°	212°	+10°	338°	-26°	6.8dB	865°K	372873 -132 Hz
2023-05-08	Monday	01:00	218°	+7°	0 dB	0°	218°	+7°	345°	-26°	6.9dB	890°K	372825 -158 Hz
2023-05-08	Monday	01:30	223°	+4°	0 dB	0°	223°	+4°	353°	-26°	7.0dB	921°K	372777 -180 Hz
2023-05-08	Monday	02:00	229°	+0°	0 dB	0°	229°	+0°	360°	-26°	7.1dB	953°K	372729 -200 Hz
2023-05-08	Monday	19:30	136°	+2°	0 dB	0°	136°	+2°	252°	-28°	11.4dB	2695°K	371277 +224 Hz
2023-05-08	Monday	20:00	142°	+5°	0 dB	0°	142°	+5°	259°	-28°	11.5dB	2770°K	371242 +202 Hz
2023-05-08	Monday	20:30	147°	+8°	0 dB	0°	147°	+8°	266°	-28°	11.6dB	2845°K	371207 +177 Hz
2023-05-08	Monday	21:00	153°	+10°	0 dB	0°	153°	+10°	273°	-28°	11.8dB	2920°K	371173 +149 Hz
2023-05-08	Monday	21:30	159°	+12°	0 dB	0°	159°	+12°	280°	-28°	11.9dB	2995°K	371139 +120 Hz
2023-05-08	Monday	22:00	166°	+14°	0 dB	0°	166°	+14°	288°	-28°	12.0dB	3070°K	371105 +88 Hz
2023-05-08	Monday	22:30	172°	+15°	0 dB	0°	172°	+15°	295°	-28°	12.1dB	3145°K	371072 +55 Hz
2023-05-08	Monday	23:00	179°	+15°	0 dB	0°	179°	+15°	302°	-28°	12.2dB	3220°K	371038 +22 Hz
2023-05-08	Monday	23:30	186°	+15°	0 dB	0°	186°	+15°	309°	-28°	12.3dB	3295°K	371006 -12 Hz
2023-05-09	Tuesday	00:00	192°	+14°	0 dB	0°	192°	+14°	316°	-28°	12.2dB	3259°K	370973 -45 Hz
2023-05-09	Tuesday	00:30	199°	+13°	0 dB	0°	199°	+13°	323°	-28°	12.1dB	3205°K	370941 -77 Hz
2023-05-09	Tuesday	01:00	205°	+11°	0 dB	0°	205°	+11°	331°	-28°	12.1dB	3151°K	370909 -107 Hz
2023-05-09	Tuesday	01:30	211°	+9°	0 dB	0°	211°	+9°	338°	-28°	12.0dB	3097°K	370878 -135 Hz
2023-05-09	Tuesday	02:00	217°	+6°	0 dB	0°	217°	+6°	345°	-28°	11.9dB	3042°K	370847 -161 Hz
2023-05-09	Tuesday	02:30	222°	+3°	0 dB	0°	222°	+3°	352°	-28°	11.8dB	2988°K	370816 -183 Hz
2023-05-09	Tuesday	20:30	136°	+1°	0 dB	0°	136°	+1°	251°	-28°	7.3dB	1035°K	369932 +218 Hz
2023-05-09	Tuesday	21:00	141°	+5°	0 dB	0°	141°	+5°	258°	-28°	7.1dB	981°K	369913 +197 Hz
2023-05-09	Tuesday	21:30	147°	+8°	0 dB	0°	147°	+8°	265°	-28°	6.9dB	927°K	369895 +173 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-09	Tuesday	22:00	153°	+10°	0 dB	0°	153°	+10°	272°	-28°	6.7dB	873°K	369877 +145 Hz
2023-05-09	Tuesday	22:30	159°	+12°	0 dB	0°	159°	+12°	280°	-28°	6.6dB	855°K	369859 +116 Hz
2023-05-09	Tuesday	23:00	165°	+14°	0 dB	0°	165°	+14°	287°	-28°	6.5dB	839°K	369842 +84 Hz
2023-05-09	Tuesday	23:30	172°	+15°	0 dB	0°	172°	+15°	294°	-28°	6.4dB	824°K	369825 +52 Hz
2023-05-10	Wednesday	00:00	178°	+15°	0 dB	0°	178°	+15°	301°	-28°	6.3dB	809°K	369808 +18 Hz
2023-05-10	Wednesday	00:30	185°	+15°	0 dB	0°	185°	+15°	308°	-28°	6.3dB	793°K	369792 -15 Hz
2023-05-10	Wednesday	01:00	192°	+15°	0 dB	0°	192°	+15°	316°	-28°	6.2dB	778°K	369776 -48 Hz
2023-05-10	Wednesday	01:30	198°	+13°	0 dB	0°	198°	+13°	323°	-28°	6.1dB	762°K	369760 -80 Hz
2023-05-10	Wednesday	02:00	204°	+12°	0 dB	0°	204°	+12°	330°	-27°	6.0dB	747°K	369745 -111 Hz
2023-05-10	Wednesday	02:30	210°	+9°	0 dB	0°	210°	+9°	337°	-27°	5.9dB	731°K	369730 -140 Hz
2023-05-10	Wednesday	03:00	216°	+7°	0 dB	0°	216°	+7°	344°	-27°	5.8dB	716°K	369715 -166 Hz
2023-05-10	Wednesday	03:30	222°	+3°	0 dB	0°	222°	+3°	352°	-27°	5.8dB	701°K	369700 -189 Hz
2023-05-10	Wednesday	04:00	227°	-0°	0 dB	0°	227°	-0°	359°	-27°	5.7dB	685°K	369686 -209 Hz
2023-05-10	Wednesday	21:30	134°	+3°	0 dB	0°	134°	+3°	250°	-26°	3.2dB	367°K	369373 +218 Hz
2023-05-10	Wednesday	22:00	140°	+6°	0 dB	0°	140°	+6°	258°	-26°	3.2dB	365°K	369369 +196 Hz
2023-05-10	Wednesday	22:30	146°	+9°	0 dB	0°	146°	+9°	265°	-26°	3.2dB	363°K	369365 +172 Hz
2023-05-10	Wednesday	23:00	152°	+12°	0 dB	0°	152°	+12°	272°	-26°	3.2dB	361°K	369362 +144 Hz
2023-05-10	Wednesday	23:30	158°	+14°	0 dB	0°	158°	+14°	279°	-26°	3.1dB	359°K	369359 +114 Hz
2023-05-11	Thursday	00:00	164°	+16°	0 dB	0°	164°	+16°	286°	-26°	3.1dB	357°K	369356 +82 Hz
2023-05-11	Thursday	00:30	171°	+17°	0 dB	0°	171°	+17°	294°	-25°	3.1dB	355°K	369354 +49 Hz
2023-05-11	Thursday	01:00	178°	+18°	0 dB	0°	178°	+18°	301°	-25°	3.1dB	354°K	369351 +15 Hz
2023-05-11	Thursday	01:30	185°	+18°	0 dB	0°	185°	+18°	308°	-25°	3.1dB	352°K	369349 -20 Hz
2023-05-11	Thursday	02:00	192°	+17°	0 dB	0°	192°	+17°	315°	-25°	3.1dB	350°K	369348 -54 Hz
2023-05-11	Thursday	02:30	198°	+16°	0 dB	0°	198°	+16°	322°	-25°	3.0dB	348°K	369346 -87 Hz
2023-05-11	Thursday	03:00	205°	+14°	0 dB	0°	205°	+14°	330°	-25°	3.0dB	346°K	369345 -118 Hz
2023-05-11	Thursday	03:30	211°	+12°	0 dB	0°	211°	+12°	337°	-25°	3.0dB	344°K	369344 -148 Hz
2023-05-11	Thursday	04:00	217°	+9°	0 dB	0°	217°	+9°	344°	-25°	3.0dB	342°K	369344 -175 Hz
2023-05-11	Thursday	04:30	223°	+6°	0 dB	0°	223°	+6°	351°	-25°	3.0dB	341°K	369343 -199 Hz
2023-05-11	Thursday	05:00	228°	+2°	0 dB	0°	228°	+2°	358°	-25°	2.9dB	339°K	369343 -219 Hz
2023-05-11	Thursday	22:00	127°	+2°	0 dB	0°	127°	+2°	244°	-22°	2.8dB	326°K	369488 +238 Hz
2023-05-11	Thursday	22:30	132°	+6°	0 dB	0°	132°	+6°	251°	-22°	2.8dB	326°K	369496 +219 Hz
2023-05-11	Thursday	23:00	138°	+10°	0 dB	0°	138°	+10°	258°	-22°	2.8dB	326°K	369505 +197 Hz
2023-05-11	Thursday	23:30	144°	+13°	0 dB	0°	144°	+13°	265°	-22°	2.8dB	326°K	369514 +171 Hz
2023-05-12	Fri day	00:00	150°	+16°	0 dB	0°	150°	+16°	272°	-22°	2.8dB	326°K	369523 +142 Hz
2023-05-12	Fri day	00:30	157°	+18°	0 dB	0°	157°	+18°	280°	-22°	2.8dB	326°K	369532 +111 Hz
2023-05-12	Fri day	01:00	164°	+20°	0 dB	0°	164°	+20°	287°	-22°	2.8dB	326°K	369542 +78 Hz
2023-05-12	Fri day	01:30	171°	+21°	0 dB	0°	171°	+21°	294°	-22°	2.8dB	326°K	369552 +44 Hz
2023-05-12	Fri day	02:00	178°	+22°	0 dB	0°	178°	+22°	301°	-22°	2.8dB	326°K	369562 +8 Hz
2023-05-12	Fri day	02:30	186°	+21°	0 dB	0°	186°	+21°	309°	-21°	2.8dB	326°K	369572 -28 Hz
2023-05-12	Fri day	03:00	193°	+21°	0 dB	0°	193°	+21°	316°	-21°	2.8dB	326°K	369583 -63 Hz
2023-05-12	Fri day	03:30	200°	+19°	0 dB	0°	200°	+19°	323°	-21°	2.8dB	326°K	369594 -97 Hz
2023-05-12	Fri day	04:00	207°	+18°	0 dB	0°	207°	+18°	330°	-21°	2.8dB	326°K	369605 -130 Hz
2023-05-12	Fri day	04:30	213°	+15°	0 dB	0°	213°	+15°	337°	-21°	2.8dB	326°K	369616 -160 Hz
2023-05-12	Fri day	05:00	220°	+12°	0 dB	0°	220°	+12°	345°	-21°	2.8dB	326°K	369627 -188 Hz
2023-05-12	Fri day	05:30	226°	+9°	0 dB	0°	226°	+9°	352°	-21°	2.8dB	326°K	369639 -213 Hz
2023-05-12	Fri day	06:00	231°	+5°	0 dB	0°	231°	+5°	359°	-21°	2.8dB	326°K	369651 -234 Hz
2023-05-12	Fri day	06:30	237°	+1°	0 dB	0°	237°	+1°	6°	-21°	2.8dB	326°K	369663 -252 Hz
2023-05-12	Fri day	22:30	120°	+3°	0 dB	0°	120°	+3°	238°	-17°	2.4dB	293°K	370167 +255 Hz
2023-05-12	Fri day	23:00	125°	+7°	0 dB	0°	125°	+7°	245°	-17°	2.4dB	291°K	370186 +239 Hz
2023-05-12	Fri day	23:30	131°	+11°	0 dB	0°	131°	+11°	252°	-17°	2.4dB	289°K	370206 +219 Hz
2023-05-13	Saturday	00:00	137°	+15°	0 dB	0°	137°	+15°	259°	-17°	2.4dB	287°K	370225 +195 Hz
2023-05-13	Saturday	00:30	143°	+18°	0 dB	0°	143°	+18°	267°	-17°	2.3dB	285°K	370245 +168 Hz
2023-05-13	Saturday	01:00	150°	+21°	0 dB	0°	150°	+21°	274°	-17°	2.3dB	283°K	370265 +137 Hz
2023-05-13	Saturday	01:30	157°	+23°	0 dB	0°	157°	+23°	281°	-17°	2.3dB	281°K	370285 +104 Hz
2023-05-13	Saturday	02:00	164°	+25°	0 dB	0°	164°	+25°	288°	-17°	2.3dB	279°K	370306 +70 Hz
2023-05-13	Saturday	02:30	172°	+26°	0 dB	0°	172°	+26°	296°	-16°	2.2dB	277°K	370327 +33 Hz
2023-05-13	Saturday	03:00	180°	+27°	0 dB	0°	180°	+27°	303°	-16°	2.2dB	275°K	370348 -4 Hz
2023-05-13	Saturday	03:30	188°	+27°	0 dB	0°	188°	+27°	310°	-16°	2.2dB	273°K	370369 -41 Hz
2023-05-13	Saturday	04:00	195°	+26°	0 dB	0°	195°	+26°	317°	-16°	2.2dB	271°K	370390 -77 Hz
2023-05-13	Saturday	04:30	203°	+24°	0 dB	0°	203°	+24°	324°	-16°	2.1dB	269°K	370412 -113 Hz
2023-05-13	Saturday	05:00	210°	+22°	0 dB	0°	210°	+22°	332°	-16°	2.1dB	267°K	370433 -146 Hz
2023-05-13	Saturday	05:30	217°	+19°	0 dB	0°	217°	+19°	339°	-16°	2.1dB	266°K	370455 -178 Hz
2023-05-13	Saturday	06:00	224°	+16°	0 dB	0°	224°	+16°	346°	-16°	2.1dB	264°K	370477 -206 Hz
2023-05-13	Saturday	06:30	230°	+13°	0 dB	0°	230°	+13°	353°	-15°	2.1dB	262°K	370500 -231 Hz
2023-05-13	Saturday	07:00	236°	+9°	0 dB	0°	236°	+9°	1°	-15°	2.0dB	260°K	370522 -252 Hz
2023-05-13	Saturday	07:30	241°	+4°	0 dB	0°	241°	+4°	8°	-15°	2.0dB	258°K	370545 -269 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-05-13	Saturday	08:00	247°	+0°	0 dB	0°	247°	+0°	15°	-15°	2.0dB	256°K	370568	-282 Hz
2023-05-13	Saturday	23:00	112°	+4°	0 dB	0°	112°	+4°	233°	-11°	1.8dB	243°K	371351	+268 Hz
2023-05-13	Saturday	23:30	117°	+9°	0 dB	0°	117°	+9°	240°	-11°	1.8dB	243°K	371381	+254 Hz
2023-05-14	Sunday	00:00	123°	+13°	0 dB	0°	123°	+13°	247°	-11°	1.8dB	243°K	371410	+236 Hz
2023-05-14	Sunday	00:30	129°	+17°	0 dB	0°	129°	+17°	254°	-11°	1.8dB	243°K	371440	+214 Hz
2023-05-14	Sunday	01:00	135°	+21°	0 dB	0°	135°	+21°	262°	-11°	1.8dB	243°K	371470	+189 Hz
2023-05-14	Sunday	01:30	142°	+25°	0 dB	0°	142°	+25°	269°	-11°	1.8dB	243°K	371500	+159 Hz
2023-05-14	Sunday	02:00	150°	+28°	0 dB	0°	150°	+28°	276°	-11°	1.8dB	243°K	371530	+127 Hz
2023-05-14	Sunday	02:30	157°	+30°	0 dB	0°	157°	+30°	283°	-11°	1.8dB	243°K	371560	+92 Hz
2023-05-14	Sunday	03:00	165°	+32°	0 dB	0°	165°	+32°	291°	-10°	1.8dB	242°K	371591	+55 Hz
2023-05-14	Sunday	03:30	174°	+33°	0 dB	0°	174°	+33°	298°	-10°	1.8dB	242°K	371622	+17 Hz
2023-05-14	Sunday	04:00	182°	+33°	0 dB	0°	182°	+33°	305°	-10°	1.8dB	242°K	371653	-21 Hz
2023-05-14	Sunday	04:30	191°	+33°	0 dB	0°	191°	+33°	312°	-10°	1.8dB	242°K	371684	-59 Hz
2023-05-14	Sunday	05:00	199°	+31°	0 dB	0°	199°	+31°	320°	-10°	1.8dB	242°K	371716	-97 Hz
2023-05-14	Sunday	05:30	207°	+29°	0 dB	0°	207°	+29°	327°	-10°	1.8dB	242°K	371747	-133 Hz
2023-05-14	Sunday	06:00	215°	+27°	0 dB	0°	215°	+27°	334°	-10°	1.8dB	242°K	371779	-167 Hz
2023-05-14	Sunday	06:30	222°	+24°	0 dB	0°	222°	+24°	341°	-9°	1.8dB	241°K	371811	-198 Hz
2023-05-14	Sunday	07:00	229°	+20°	0 dB	0°	229°	+20°	349°	-9°	1.8dB	241°K	371843	-226 Hz
2023-05-14	Sunday	07:30	236°	+16°	0 dB	0°	236°	+16°	356°	-9°	1.8dB	241°K	371876	-250 Hz
2023-05-14	Sunday	08:00	242°	+12°	0 dB	0°	242°	+12°	3°	-9°	1.8dB	241°K	371909	-271 Hz
2023-05-14	Sunday	08:30	247°	+8°	0 dB	0°	247°	+8°	10°	-9°	1.8dB	241°K	371941	-287 Hz
2023-05-14	Sunday	09:00	253°	+3°	0 dB	0°	253°	+3°	18°	-9°	1.8dB	241°K	371975	-298 Hz
2023-05-14	Sunday	23:00	099°	+1°	0 dB	0°	099°	+1°	221°	-5°	1.9dB	239°K	372983	+281 Hz
2023-05-14	Sunday	23:30	104°	+6°	0 dB	0°	104°	+6°	228°	-5°	1.9dB	239°K	373022	+275 Hz
2023-05-15	Monday	00:00	110°	+11°	0 dB	0°	110°	+11°	235°	-5°	1.9dB	239°K	373062	+264 Hz
2023-05-15	Monday	00:30	115°	+16°	0 dB	0°	115°	+16°	243°	-5°	1.9dB	239°K	373101	+248 Hz
2023-05-15	Monday	01:00	121°	+20°	0 dB	0°	121°	+20°	250°	-5°	1.9dB	239°K	373141	+228 Hz
2023-05-15	Monday	01:30	128°	+24°	0 dB	0°	128°	+24°	257°	-4°	1.9dB	239°K	373180	+204 Hz
2023-05-15	Monday	02:00	135°	+28°	0 dB	0°	135°	+28°	264°	-4°	1.9dB	239°K	373221	+176 Hz
2023-05-15	Monday	02:30	142°	+32°	0 dB	0°	142°	+32°	272°	-4°	1.9dB	239°K	373261	+144 Hz
2023-05-15	Monday	03:00	150°	+35°	0 dB	0°	150°	+35°	279°	-4°	1.9dB	239°K	373301	+110 Hz
2023-05-15	Monday	03:30	159°	+37°	0 dB	0°	159°	+37°	286°	-4°	1.9dB	239°K	373342	+74 Hz
2023-05-15	Monday	04:00	168°	+39°	0 dB	0°	168°	+39°	293°	-4°	1.9dB	239°K	373383	+35 Hz
2023-05-15	Monday	04:30	177°	+40°	0 dB	0°	177°	+40°	301°	-4°	1.9dB	239°K	373424	-4 Hz
2023-05-15	Monday	05:00	187°	+40°	0 dB	0°	187°	+40°	308°	-3°	1.9dB	239°K	373465	-43 Hz
2023-05-15	Monday	05:30	196°	+39°	0 dB	0°	196°	+39°	315°	-3°	1.9dB	239°K	373507	-82 Hz
2023-05-15	Monday	06:00	205°	+37°	0 dB	0°	205°	+37°	323°	-3°	1.9dB	243°K	373548	-119 Hz
2023-05-15	Monday	06:30	214°	+35°	0 dB	0°	214°	+35°	330°	-3°	2.0dB	244°K	373590	-155 Hz
2023-05-15	Monday	07:00	222°	+32°	0 dB	0°	222°	+32°	337°	-3°	2.0dB	245°K	373632	-189 Hz
2023-05-15	Monday	07:30	229°	+28°	0 dB	0°	229°	+28°	344°	-3°	2.0dB	245°K	373675	-219 Hz
2023-05-15	Monday	08:00	236°	+24°	0 dB	0°	236°	+24°	352°	-3°	2.0dB	246°K	373717	-246 Hz
2023-05-15	Monday	08:30	242°	+20°	0 dB	0°	242°	+20°	359°	-3°	2.0dB	246°K	373760	-269 Hz
2023-05-15	Monday	09:00	248°	+16°	0 dB	0°	248°	+16°	6°	-2°	2.0dB	247°K	373803	-288 Hz
2023-05-15	Monday	09:30	254°	+11°	0 dB	0°	254°	+11°	13°	-2°	2.0dB	248°K	373846	-302 Hz
2023-05-15	Monday	10:00	260°	+6°	0 dB	0°	260°	+6°	21°	-2°	2.0dB	248°K	373889	-312 Hz
2023-05-15	Monday	10:30	265°	+1°	0 dB	0°	265°	+1°	28°	-2°	2.0dB	249°K	373933	-316 Hz
2023-05-15	Monday	23:30	092°	+3°	0 dB	0°	092°	+3°	217°	+2°	2.3dB	264°K	375140	+280 Hz
2023-05-16	Tuesday	00:00	097°	+8°	0 dB	0°	097°	+8°	224°	+2°	2.3dB	265°K	375189	+276 Hz
2023-05-16	Tuesday	00:30	102°	+13°	0 dB	0°	102°	+13°	231°	+2°	2.3dB	265°K	375239	+267 Hz
2023-05-16	Tuesday	01:00	108°	+18°	0 dB	0°	108°	+18°	239°	+2°	2.3dB	266°K	375289	+254 Hz
2023-05-16	Tuesday	01:30	114°	+23°	0 dB	0°	114°	+23°	246°	+2°	2.4dB	267°K	375339	+236 Hz
2023-05-16	Tuesday	02:00	120°	+28°	0 dB	0°	120°	+28°	253°	+2°	2.4dB	267°K	375389	+214 Hz
2023-05-16	Tuesday	02:30	127°	+32°	0 dB	0°	127°	+32°	260°	+2°	2.4dB	268°K	375439	+187 Hz
2023-05-16	Tuesday	03:00	134°	+36°	0 dB	0°	134°	+36°	268°	+2°	2.4dB	268°K	375490	+157 Hz
2023-05-16	Tuesday	03:30	142°	+39°	0 dB	0°	142°	+39°	275°	+3°	2.4dB	269°K	375540	+124 Hz
2023-05-16	Tuesday	04:00	151°	+42°	0 dB	0°	151°	+42°	282°	+3°	2.4dB	270°K	375591	+88 Hz
2023-05-16	Tuesday	04:30	161°	+45°	0 dB	0°	161°	+45°	289°	+3°	2.4dB	270°K	375643	+51 Hz
2023-05-16	Tuesday	05:00	171°	+46°	0 dB	0°	171°	+46°	297°	+3°	2.4dB	271°K	375694	+12 Hz
2023-05-16	Tuesday	05:30	181°	+46°	0 dB	0°	181°	+46°	304°	+3°	2.4dB	271°K	375746	-27 Hz
2023-05-16	Tuesday	06:00	192°	+46°	0 dB	0°	192°	+46°	311°	+3°	2.4dB	272°K	375798	-67 Hz
2023-05-16	Tuesday	06:30	202°	+45°	0 dB	0°	202°	+45°	319°	+3°	2.5dB	273°K	375850	-105 Hz
2023-05-16	Tuesday	07:00	212°	+42°	0 dB	0°	212°	+42°	326°	+4°	2.5dB	273°K	375902	-142 Hz
2023-05-16	Tuesday	07:30	221°	+39°	0 dB	0°	221°	+39°	333°	+4°	2.5dB	274°K	375954	-177 Hz
2023-05-16	Tuesday	08:00	229°	+36°	0 dB	0°	229°	+36°	340°	+4°	2.5dB	274°K	376007	-210 Hz
2023-05-16	Tuesday	08:30	237°	+32°	0 dB	0°	237°	+32°	348°	+4°	2.5dB	275°K	376060	-239 Hz
2023-05-16	Tuesday	09:00	243°	+28°	0 dB	0°	243°	+28°	355°	+4°	2.5dB	275°K	376113	-264 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-05-16	Tuesday	09:30	250°	+23°	0 dB	0°	250°	+23°	2°	+4°	2.5dB	276°K	376167	-285 Hz
2023-05-16	Tuesday	10:00	256°	+18°	0 dB	0°	256°	+18°	9°	+4°	2.5dB	277°K	376220	-302 Hz
2023-05-16	Tuesday	10:30	261°	+14°	0 dB	0°	261°	+14°	17°	+4°	2.5dB	277°K	376274	-314 Hz
2023-05-16	Tuesday	11:00	267°	+9°	0 dB	0°	267°	+9°	24°	+5°	2.5dB	278°K	376328	-321 Hz
2023-05-16	Tuesday	11:30	272°	+4°	0 dB	0°	272°	+4°	31°	+5°	2.5dB	278°K	376382	-323 Hz
2023-05-16	Tuesday	23:30	079°	-0°	0 dB	0°	079°	-0°	206°	+8°	2.8dB	293°K	377747	+268 Hz
2023-05-17	Wednesday	00:00	084°	+5°	0 dB	0°	084°	+5°	213°	+8°	2.8dB	293°K	377806	+272 Hz
2023-05-17	Wednesday	00:30	089°	+10°	0 dB	0°	089°	+10°	220°	+8°	2.8dB	294°K	377866	+271 Hz
2023-05-17	Wednesday	01:00	095°	+15°	0 dB	0°	095°	+15°	227°	+8°	2.8dB	294°K	377926	+265 Hz
2023-05-17	Wednesday	01:30	100°	+20°	0 dB	0°	100°	+20°	235°	+8°	2.8dB	295°K	377986	+254 Hz
2023-05-17	Wednesday	02:00	106°	+25°	0 dB	0°	106°	+25°	242°	+9°	2.8dB	295°K	378046	+238 Hz
2023-05-17	Wednesday	02:30	112°	+30°	0 dB	0°	112°	+30°	249°	+9°	2.8dB	296°K	378107	+218 Hz
2023-05-17	Wednesday	03:00	118°	+35°	0 dB	0°	118°	+35°	256°	+9°	2.9dB	296°K	378167	+194 Hz
2023-05-17	Wednesday	03:30	125°	+39°	0 dB	0°	125°	+39°	264°	+9°	2.9dB	296°K	378228	+166 Hz
2023-05-17	Wednesday	04:00	133°	+43°	0 dB	0°	133°	+43°	271°	+9°	2.9dB	297°K	378290	+135 Hz
2023-05-17	Wednesday	04:30	142°	+47°	0 dB	0°	142°	+47°	278°	+9°	2.9dB	297°K	378351	+101 Hz
2023-05-17	Wednesday	05:00	152°	+50°	0 dB	0°	152°	+50°	285°	+9°	2.9dB	297°K	378412	+64 Hz
2023-05-17	Wednesday	05:30	163°	+52°	0 dB	0°	163°	+52°	293°	+9°	2.9dB	298°K	378474	+27 Hz
2023-05-17	Wednesday	06:00	175°	+53°	0 dB	0°	175°	+53°	300°	+10°	2.9dB	298°K	378536	-12 Hz
2023-05-17	Wednesday	06:30	187°	+53°	0 dB	0°	187°	+53°	307°	+10°	2.9dB	298°K	378598	-51 Hz
2023-05-17	Wednesday	07:00	199°	+52°	0 dB	0°	199°	+52°	315°	+10°	2.9dB	298°K	378661	-90 Hz
2023-05-17	Wednesday	07:30	210°	+50°	0 dB	0°	210°	+50°	322°	+10°	2.9dB	299°K	378723	-128 Hz
2023-05-17	Wednesday	08:00	220°	+47°	0 dB	0°	220°	+47°	329°	+10°	2.9dB	299°K	378786	-163 Hz
2023-05-17	Wednesday	08:30	229°	+44°	0 dB	0°	229°	+44°	336°	+10°	2.9dB	299°K	378849	-197 Hz
2023-05-17	Wednesday	09:00	237°	+40°	0 dB	0°	237°	+40°	344°	+10°	2.9dB	300°K	378912	-227 Hz
2023-05-17	Wednesday	09:30	244°	+35°	0 dB	0°	244°	+35°	351°	+10°	2.9dB	300°K	378976	-254 Hz
2023-05-17	Wednesday	10:00	251°	+31°	0 dB	0°	251°	+31°	358°	+11°	2.9dB	300°K	379039	-277 Hz
2023-05-17	Wednesday	10:30	257°	+26°	0 dB	0°	257°	+26°	5°	+11°	3.0dB	301°K	379103	-296 Hz
2023-05-17	Wednesday	11:00	263°	+21°	0 dB	0°	263°	+21°	13°	+11°	3.0dB	301°K	379167	-310 Hz
2023-05-17	Wednesday	11:30	268°	+16°	0 dB	0°	268°	+16°	20°	+11°	3.0dB	301°K	379231	-320 Hz
2023-05-17	Wednesday	12:00	274°	+11°	0 dB	0°	274°	+11°	27°	+11°	3.0dB	301°K	379296	-325 Hz
2023-05-17	Wednesday	12:30	279°	+6°	0 dB	0°	279°	+6°	34°	+11°	3.0dB	302°K	379360	-325 Hz
2023-05-17	Wednesday	13:00	284°	+1°	0 dB	0°	284°	+1°	42°	+11°	3.0dB	302°K	379425	-320 Hz
2023-05-18	Thursday	00:00	072°	+1°	0 dB	0°	072°	+1°	201°	+14°	3.4dB	328°K	380900	+253 Hz
2023-05-18	Thursday	00:30	077°	+6°	0 dB	0°	077°	+6°	209°	+14°	3.4dB	329°K	380969	+259 Hz
2023-05-18	Thursday	01:00	082°	+11°	0 dB	0°	082°	+11°	216°	+14°	3.4dB	331°K	381039	+261 Hz
2023-05-18	Thursday	01:30	087°	+16°	0 dB	0°	087°	+16°	223°	+14°	3.4dB	332°K	381108	+257 Hz
2023-05-18	Thursday	02:00	092°	+21°	0 dB	0°	092°	+21°	230°	+14°	3.4dB	334°K	381178	+249 Hz
2023-05-18	Thursday	02:30	098°	+27°	0 dB	0°	098°	+27°	238°	+14°	3.4dB	335°K	381248	+237 Hz
2023-05-18	Thursday	03:00	103°	+32°	0 dB	0°	103°	+32°	245°	+15°	3.5dB	337°K	381318	+219 Hz
2023-05-18	Thursday	03:30	109°	+37°	0 dB	0°	109°	+37°	252°	+15°	3.5dB	338°K	381388	+198 Hz
2023-05-18	Thursday	04:00	116°	+41°	0 dB	0°	116°	+41°	259°	+15°	3.5dB	340°K	381459	+173 Hz
2023-05-18	Thursday	04:30	124°	+46°	0 dB	0°	124°	+46°	267°	+15°	3.5dB	341°K	381529	+144 Hz
2023-05-18	Thursday	05:00	132°	+50°	0 dB	0°	132°	+50°	274°	+15°	3.5dB	343°K	381600	+112 Hz
2023-05-18	Thursday	05:30	142°	+54°	0 dB	0°	142°	+54°	281°	+15°	3.6dB	344°K	381671	+78 Hz
2023-05-18	Thursday	06:00	154°	+56°	0 dB	0°	154°	+56°	288°	+15°	3.6dB	346°K	381742	+41 Hz
2023-05-18	Thursday	06:30	166°	+58°	0 dB	0°	166°	+58°	296°	+15°	3.6dB	347°K	381814	+4 Hz
2023-05-18	Thursday	07:00	180°	+59°	0 dB	0°	180°	+59°	303°	+15°	3.6dB	348°K	381885	-35 Hz
2023-05-18	Thursday	07:30	194°	+59°	0 dB	0°	194°	+59°	310°	+16°	3.6dB	349°K	381957	-73 Hz
2023-05-18	Thursday	08:00	206°	+57°	0 dB	0°	206°	+57°	317°	+16°	3.6dB	350°K	382029	-110 Hz
2023-05-18	Thursday	08:30	218°	+54°	0 dB	0°	218°	+54°	325°	+16°	3.7dB	351°K	382101	-146 Hz
2023-05-18	Thursday	09:00	228°	+51°	0 dB	0°	228°	+51°	332°	+16°	3.7dB	351°K	382173	-180 Hz
2023-05-18	Thursday	09:30	237°	+47°	0 dB	0°	237°	+47°	339°	+16°	3.7dB	352°K	382245	-212 Hz
2023-05-18	Thursday	10:00	245°	+42°	0 dB	0°	245°	+42°	346°	+16°	3.7dB	353°K	382318	-240 Hz
2023-05-18	Thursday	10:30	252°	+38°	0 dB	0°	252°	+38°	354°	+16°	3.7dB	354°K	382390	-265 Hz
2023-05-18	Thursday	11:00	258°	+33°	0 dB	0°	258°	+33°	1°	+16°	3.7dB	354°K	382463	-285 Hz
2023-05-18	Thursday	11:30	264°	+28°	0 dB	0°	264°	+28°	8°	+16°	3.7dB	355°K	382536	-302 Hz
2023-05-18	Thursday	12:00	269°	+23°	0 dB	0°	269°	+23°	16°	+17°	3.7dB	356°K	382609	-314 Hz
2023-05-18	Thursday	12:30	275°	+18°	0 dB	0°	275°	+18°	23°	+17°	3.7dB	357°K	382683	-322 Hz
2023-05-18	Thursday	13:00	280°	+13°	0 dB	0°	280°	+13°	30°	+17°	3.8dB	358°K	382756	-324 Hz
2023-05-18	Thursday	13:30	285°	+8°	0 dB	0°	285°	+8°	37°	+17°	3.8dB	358°K	382830	-323 Hz
2023-05-18	Thursday	14:00	290°	+4°	0 dB	0°	290°	+4°	45°	+17°	3.8dB	359°K	382904	-316 Hz
2023-05-19	Friday	00:30	065°	+2°	0 dB	0°	065°	+2°	197°	+19°	3.9dB	363°K	384488	+235 Hz
2023-05-19	Friday	01:00	070°	+7°	0 dB	0°	070°	+7°	204°	+19°	3.9dB	362°K	384565	+244 Hz
2023-05-19	Friday	01:30	075°	+12°	0 dB	0°	075°	+12°	211°	+19°	3.9dB	SUN!	384642	+248 Hz
2023-05-19	Friday	02:00	080°	+17°	0 dB	0°	080°	+17°	219°	+19°	3.9dB	SUN!	384719	+248 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-19	Fri day	02: 30	085°	+22°	0 dB	0°	085°	+22°	226°	+20°	3. 9dB	SUN!	384796 +243 Hz
2023-05-19	Fri day	03: 00	090°	+27°	0 dB	0°	090°	+27°	233°	+20°	3. 9dB	SUN!	384874 +233 Hz
2023-05-19	Fri day	03: 30	095°	+32°	0 dB	0°	095°	+32°	240°	+20°	3. 9dB	SUN!	384951 +219 Hz
2023-05-19	Fri day	04: 00	101°	+37°	0 dB	0°	101°	+37°	247°	+20°	3. 9dB	SUN!	385029 +201 Hz
2023-05-19	Fri day	04: 30	107°	+42°	0 dB	0°	107°	+42°	255°	+20°	3. 9dB	SUN!	385107 +178 Hz
2023-05-19	Fri day	05: 00	114°	+47°	0 dB	0°	114°	+47°	262°	+20°	3. 8dB	SUN!	385185 +153 Hz
2023-05-19	Fri day	05: 30	122°	+52°	0 dB	0°	122°	+52°	269°	+20°	3. 8dB	SUN!	385263 +123 Hz
2023-05-19	Fri day	06: 00	131°	+56°	0 dB	0°	131°	+56°	276°	+20°	3. 8dB	SUN!	385341 +91 Hz
2023-05-19	Fri day	06: 30	142°	+59°	0 dB	0°	142°	+59°	284°	+20°	3. 8dB	SUN!	385419 +57 Hz
2023-05-19	Fri day	07: 00	155°	+62°	0 dB	0°	155°	+62°	291°	+20°	3. 8dB	SUN!	385497 +22 Hz
2023-05-19	Fri day	07: 30	170°	+64°	0 dB	0°	170°	+64°	298°	+20°	3. 8dB	SUN!	385576 -15 Hz
2023-05-19	Fri day	08: 00	185°	+64°	0 dB	0°	185°	+64°	305°	+21°	3. 8dB	SUN!	385654 -52 Hz
2023-05-19	Fri day	08: 30	201°	+63°	0 dB	0°	201°	+63°	313°	+21°	3. 8dB	SUN!	385733 -89 Hz
2023-05-19	Fri day	09: 00	214°	+61°	0 dB	0°	214°	+61°	320°	+21°	3. 8dB	SUN!	385812 -125 Hz
2023-05-19	Fri day	09: 30	226°	+57°	0 dB	0°	226°	+57°	327°	+21°	3. 8dB	SUN!	385891 -159 Hz
2023-05-19	Fri day	10: 00	236°	+54°	0 dB	0°	236°	+54°	334°	+21°	3. 8dB	SUN!	385970 -191 Hz
2023-05-19	Fri day	10: 30	245°	+49°	0 dB	0°	245°	+49°	342°	+21°	3. 8dB	SUN!	386049 -221 Hz
2023-05-19	Fri day	11: 00	252°	+45°	0 dB	0°	252°	+45°	349°	+21°	3. 8dB	SUN!	386128 -247 Hz
2023-05-19	Fri day	11: 30	259°	+40°	0 dB	0°	259°	+40°	356°	+21°	3. 8dB	SUN!	386208 -270 Hz
2023-05-19	Fri day	12: 00	264°	+35°	0 dB	0°	264°	+35°	3°	+21°	3. 8dB	SUN!	386287 -289 Hz
2023-05-19	Fri day	12: 30	270°	+30°	0 dB	0°	270°	+30°	11°	+21°	3. 8dB	SUN!	386366 -303 Hz
2023-05-19	Fri day	13: 00	275°	+25°	0 dB	0°	275°	+25°	18°	+21°	3. 9dB	SUN!	386446 -314 Hz
2023-05-19	Fri day	13: 30	280°	+20°	0 dB	0°	280°	+20°	25°	+22°	3. 9dB	SUN!	386526 -319 Hz
2023-05-19	Fri day	14: 00	285°	+15°	0 dB	0°	285°	+15°	32°	+22°	3. 9dB	SUN!	386605 -321 Hz
2023-05-19	Fri day	14: 30	290°	+10°	0 dB	0°	290°	+10°	40°	+22°	3. 9dB	SUN!	386685 -318 Hz
2023-05-19	Fri day	15: 00	295°	+6°	0 dB	0°	295°	+6°	47°	+22°	3. 9dB	SUN!	386765 -310 Hz
2023-05-19	Fri day	15: 30	300°	+1°	0 dB	0°	300°	+1°	54°	+22°	3. 9dB	SUN!	386845 -298 Hz
2023-05-20	Saturday	01: 00	059°	+2°	0 dB	0°	059°	+2°	192°	+23°	4. 2dB	SUN!	388379 +216 Hz
2023-05-20	Saturday	01: 30	064°	+7°	0 dB	0°	064°	+7°	199°	+23°	4. 2dB	SUN!	388460 +227 Hz
2023-05-20	Saturday	02: 00	069°	+11°	0 dB	0°	069°	+11°	206°	+23°	4. 2dB	SUN!	388541 +234 Hz
2023-05-20	Saturday	02: 30	073°	+16°	0 dB	0°	073°	+16°	213°	+24°	4. 2dB	SUN!	388623 +237 Hz
2023-05-20	Saturday	03: 00	078°	+21°	0 dB	0°	078°	+21°	221°	+24°	4. 2dB	SUN!	388704 +235 Hz
2023-05-20	Saturday	03: 30	083°	+26°	0 dB	0°	083°	+26°	228°	+24°	4. 2dB	SUN!	388786 +229 Hz
2023-05-20	Saturday	04: 00	088°	+31°	0 dB	0°	088°	+31°	235°	+24°	4. 2dB	SUN!	388867 +219 Hz
2023-05-20	Saturday	04: 30	093°	+36°	0 dB	0°	093°	+36°	242°	+24°	4. 3dB	SUN!	388949 +204 Hz
2023-05-20	Saturday	05: 00	099°	+41°	0 dB	0°	099°	+41°	250°	+24°	4. 3dB	SUN!	389030 +185 Hz
2023-05-20	Saturday	05: 30	105°	+46°	0 dB	0°	105°	+46°	257°	+24°	4. 3dB	SUN!	389112 +163 Hz
2023-05-20	Saturday	06: 00	112°	+51°	0 dB	0°	112°	+51°	264°	+24°	4. 3dB	SUN!	389193 +137 Hz
2023-05-20	Saturday	06: 30	120°	+56°	0 dB	0°	120°	+56°	271°	+24°	4. 3dB	SUN!	389275 +108 Hz
2023-05-20	Saturday	07: 00	130°	+60°	0 dB	0°	130°	+60°	278°	+24°	4. 3dB	SUN!	389356 +76 Hz
2023-05-20	Saturday	07: 30	142°	+64°	0 dB	0°	142°	+64°	286°	+24°	4. 4dB	SUN!	389438 +42 Hz
2023-05-20	Saturday	08: 00	156°	+66°	0 dB	0°	156°	+66°	293°	+24°	4. 4dB	SUN!	389520 +7 Hz
2023-05-20	Saturday	08: 30	173°	+68°	0 dB	0°	173°	+68°	300°	+24°	4. 4dB	390°K	389602 -28 Hz
2023-05-20	Saturday	09: 00	191°	+68°	0 dB	0°	191°	+68°	307°	+24°	4. 4dB	391°K	389683 -64 Hz
2023-05-20	Saturday	09: 30	208°	+66°	0 dB	0°	208°	+66°	315°	+25°	4. 4dB	392°K	389765 -100 Hz
2023-05-20	Saturday	10: 00	222°	+63°	0 dB	0°	222°	+63°	322°	+25°	4. 4dB	393°K	389847 -134 Hz
2023-05-20	Saturday	10: 30	233°	+60°	0 dB	0°	233°	+60°	329°	+25°	4. 4dB	394°K	389928 -167 Hz
2023-05-20	Saturday	11: 00	243°	+55°	0 dB	0°	243°	+55°	336°	+25°	4. 5dB	396°K	390010 -197 Hz
2023-05-20	Saturday	11: 30	251°	+51°	0 dB	0°	251°	+51°	344°	+25°	4. 5dB	397°K	390092 -225 Hz
2023-05-20	Saturday	12: 00	258°	+46°	0 dB	0°	258°	+46°	351°	+25°	4. 5dB	398°K	390174 -250 Hz
2023-05-20	Saturday	12: 30	264°	+41°	0 dB	0°	264°	+41°	358°	+25°	4. 5dB	399°K	390255 -271 Hz
2023-05-20	Saturday	13: 00	269°	+36°	0 dB	0°	269°	+36°	5°	+25°	4. 5dB	400°K	390337 -288 Hz
2023-05-20	Saturday	13: 30	274°	+31°	0 dB	0°	274°	+31°	13°	+25°	4. 5dB	402°K	390419 -302 Hz
2023-05-20	Saturday	14: 00	279°	+26°	0 dB	0°	279°	+26°	20°	+25°	4. 6dB	403°K	390501 -311 Hz
2023-05-20	Saturday	14: 30	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	4. 6dB	404°K	390582 -315 Hz
2023-05-20	Saturday	15: 00	289°	+16°	0 dB	0°	289°	+16°	34°	+25°	4. 6dB	406°K	390664 -315 Hz
2023-05-20	Saturday	15: 30	294°	+11°	0 dB	0°	294°	+11°	41°	+25°	4. 6dB	407°K	390746 -311 Hz
2023-05-20	Saturday	16: 00	299°	+7°	0 dB	0°	299°	+7°	49°	+25°	4. 6dB	408°K	390828 -303 Hz
2023-05-20	Saturday	16: 30	303°	+3°	0 dB	0°	303°	+3°	56°	+25°	4. 6dB	410°K	390909 -290 Hz
2023-05-21	Sunday	01: 30	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	4. 9dB	434°K	392374 +198 Hz
2023-05-21	Sunday	02: 00	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	4. 9dB	436°K	392454 +212 Hz
2023-05-21	Sunday	02: 30	063°	+10°	0 dB	0°	063°	+10°	201°	+26°	5. 0dB	438°K	392535 +222 Hz
2023-05-21	Sunday	03: 00	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	5. 0dB	441°K	392616 +228 Hz
2023-05-21	Sunday	03: 30	072°	+19°	0 dB	0°	072°	+19°	215°	+26°	5. 0dB	443°K	392697 +230 Hz
2023-05-21	Sunday	04: 00	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	5. 0dB	446°K	392777 +228 Hz
2023-05-21	Sunday	04: 30	082°	+29°	0 dB	0°	082°	+29°	229°	+27°	5. 1dB	448°K	392858 +221 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-21	Sunday	05:00	086°	+34°	0 dB	0°	086°	+34°	237°	+27°	5.1dB	451°K	392938 +210 Hz
2023-05-21	Sunday	05:30	091°	+39°	0 dB	0°	091°	+39°	244°	+27°	5.1dB	453°K	393019 +194 Hz
2023-05-21	Sunday	06:00	097°	+44°	0 dB	0°	097°	+44°	251°	+27°	5.1dB	456°K	393099 +175 Hz
2023-05-21	Sunday	06:30	103°	+49°	0 dB	0°	103°	+49°	258°	+27°	5.2dB	458°K	393179 +152 Hz
2023-05-21	Sunday	07:00	110°	+54°	0 dB	0°	110°	+54°	266°	+27°	5.2dB	461°K	393259 +126 Hz
2023-05-21	Sunday	07:30	118°	+59°	0 dB	0°	118°	+59°	273°	+27°	5.2dB	463°K	393339 +98 Hz
2023-05-21	Sunday	08:00	129°	+63°	0 dB	0°	129°	+63°	280°	+27°	5.2dB	466°K	393419 +66 Hz
2023-05-21	Sunday	08:30	142°	+67°	0 dB	0°	142°	+67°	287°	+27°	5.3dB	469°K	393499 +33 Hz
2023-05-21	Sunday	09:00	158°	+69°	0 dB	0°	158°	+69°	295°	+27°	5.3dB	471°K	393579 -1 Hz
2023-05-21	Sunday	09:30	177°	+71°	0 dB	0°	177°	+71°	302°	+27°	5.3dB	474°K	393659 -36 Hz
2023-05-21	Sunday	10:00	196°	+70°	0 dB	0°	196°	+70°	309°	+27°	5.3dB	476°K	393738 -71 Hz
2023-05-21	Sunday	10:30	213°	+68°	0 dB	0°	213°	+68°	316°	+27°	5.4dB	479°K	393818 -105 Hz
2023-05-21	Sunday	11:00	228°	+65°	0 dB	0°	228°	+65°	323°	+27°	5.4dB	481°K	393897 -139 Hz
2023-05-21	Sunday	11:30	239°	+61°	0 dB	0°	239°	+61°	331°	+27°	5.4dB	484°K	393976 -170 Hz
2023-05-21	Sunday	12:00	248°	+56°	0 dB	0°	248°	+56°	338°	+27°	5.4dB	486°K	394055 -200 Hz
2023-05-21	Sunday	12:30	255°	+51°	0 dB	0°	255°	+51°	345°	+27°	5.5dB	489°K	394134 -227 Hz
2023-05-21	Sunday	13:00	262°	+46°	0 dB	0°	262°	+46°	352°	+27°	5.5dB	491°K	394213 -250 Hz
2023-05-21	Sunday	13:30	267°	+41°	0 dB	0°	267°	+41°	360°	+27°	5.5dB	494°K	394292 -270 Hz
2023-05-21	Sunday	14:00	273°	+36°	0 dB	0°	273°	+36°	7°	+27°	5.5dB	496°K	394371 -286 Hz
2023-05-21	Sunday	14:30	277°	+31°	0 dB	0°	277°	+31°	14°	+27°	5.5dB	499°K	394449 -298 Hz
2023-05-21	Sunday	15:00	282°	+26°	0 dB	0°	282°	+26°	21°	+27°	5.6dB	500°K	394528 -306 Hz
2023-05-21	Sunday	15:30	287°	+21°	0 dB	0°	287°	+21°	29°	+27°	5.6dB	500°K	394606 -310 Hz
2023-05-21	Sunday	16:00	291°	+17°	0 dB	0°	291°	+17°	36°	+27°	5.6dB	500°K	394684 -309 Hz
2023-05-21	Sunday	16:30	296°	+12°	0 dB	0°	296°	+12°	43°	+27°	5.6dB	500°K	394762 -304 Hz
2023-05-21	Sunday	17:00	301°	+8°	0 dB	0°	301°	+8°	50°	+27°	5.6dB	500°K	394840 -295 Hz
2023-05-21	Sunday	17:30	306°	+3°	0 dB	0°	306°	+3°	57°	+27°	5.6dB	500°K	394918 -282 Hz
2023-05-21	Sunday	18:00	311°	-0°	0 dB	0°	311°	-0°	65°	+27°	5.6dB	500°K	394996 -266 Hz
2023-05-22	Monday	02:30	053°	+3°	0 dB	0°	053°	+3°	188°	+28°	5.6dB	500°K	396291 +200 Hz
2023-05-22	Monday	03:00	058°	+7°	0 dB	0°	058°	+7°	195°	+28°	5.6dB	500°K	396366 +213 Hz
2023-05-22	Monday	03:30	063°	+12°	0 dB	0°	063°	+12°	202°	+28°	5.6dB	500°K	396441 +223 Hz
2023-05-22	Monday	04:00	068°	+16°	0 dB	0°	068°	+16°	209°	+28°	5.6dB	496°K	396515 +228 Hz
2023-05-22	Monday	04:30	072°	+21°	0 dB	0°	072°	+21°	216°	+28°	5.6dB	493°K	396589 +229 Hz
2023-05-22	Monday	05:00	077°	+26°	0 dB	0°	077°	+26°	224°	+28°	5.6dB	490°K	396663 +226 Hz
2023-05-22	Monday	05:30	081°	+31°	0 dB	0°	081°	+31°	231°	+28°	5.5dB	486°K	396737 +219 Hz
2023-05-22	Monday	06:00	086°	+36°	0 dB	0°	086°	+36°	238°	+28°	5.5dB	483°K	396810 +207 Hz
2023-05-22	Monday	06:30	091°	+41°	0 dB	0°	091°	+41°	245°	+28°	5.5dB	479°K	396883 +191 Hz
2023-05-22	Monday	07:00	097°	+46°	0 dB	0°	097°	+46°	253°	+28°	5.5dB	476°K	396956 +172 Hz
2023-05-22	Monday	07:30	103°	+51°	0 dB	0°	103°	+51°	260°	+28°	5.5dB	473°K	397029 +149 Hz
2023-05-22	Monday	08:00	110°	+56°	0 dB	0°	110°	+56°	267°	+28°	5.4dB	469°K	397102 +123 Hz
2023-05-22	Monday	08:30	119°	+61°	0 dB	0°	119°	+61°	274°	+28°	5.4dB	466°K	397174 +94 Hz
2023-05-22	Monday	09:00	130°	+65°	0 dB	0°	130°	+65°	282°	+28°	5.4dB	463°K	397247 +62 Hz
2023-05-22	Monday	09:30	143°	+68°	0 dB	0°	143°	+68°	289°	+28°	5.3dB	459°K	397319 +30 Hz
2023-05-22	Monday	10:00	161°	+71°	0 dB	0°	161°	+71°	296°	+28°	5.3dB	456°K	397391 -4 Hz
2023-05-22	Monday	10:30	181°	+72°	0 dB	0°	181°	+72°	303°	+28°	5.3dB	452°K	397462 -39 Hz
2023-05-22	Monday	11:00	201°	+71°	0 dB	0°	201°	+71°	310°	+28°	5.3dB	449°K	397534 -74 Hz
2023-05-22	Monday	11:30	218°	+68°	0 dB	0°	218°	+68°	318°	+28°	5.2dB	446°K	397605 -108 Hz
2023-05-22	Monday	12:00	231°	+65°	0 dB	0°	231°	+65°	325°	+28°	5.2dB	442°K	397676 -141 Hz
2023-05-22	Monday	12:30	242°	+60°	0 dB	0°	242°	+60°	332°	+28°	5.2dB	439°K	397746 -172 Hz
2023-05-22	Monday	13:00	250°	+56°	0 dB	0°	250°	+56°	339°	+28°	5.2dB	436°K	397817 -200 Hz
2023-05-22	Monday	13:30	257°	+51°	0 dB	0°	257°	+51°	347°	+28°	5.1dB	432°K	397887 -226 Hz
2023-05-22	Monday	14:00	264°	+46°	0 dB	0°	264°	+46°	354°	+28°	5.1dB	429°K	397957 -249 Hz
2023-05-22	Monday	14:30	269°	+41°	0 dB	0°	269°	+41°	1°	+28°	5.1dB	425°K	398027 -268 Hz
2023-05-22	Monday	15:00	274°	+36°	0 dB	0°	274°	+36°	8°	+28°	5.1dB	422°K	398096 -283 Hz
2023-05-22	Monday	15:30	279°	+31°	0 dB	0°	279°	+31°	16°	+28°	5.0dB	419°K	398165 -295 Hz
2023-05-22	Monday	16:00	284°	+26°	0 dB	0°	284°	+26°	23°	+28°	5.0dB	415°K	398234 -302 Hz
2023-05-22	Monday	16:30	288°	+21°	0 dB	0°	288°	+21°	30°	+28°	5.0dB	412°K	398303 -305 Hz
2023-05-22	Monday	17:00	293°	+16°	0 dB	0°	293°	+16°	37°	+28°	5.0dB	411°K	398371 -303 Hz
2023-05-22	Monday	17:30	298°	+12°	0 dB	0°	298°	+12°	44°	+28°	5.0dB	409°K	398440 -298 Hz
2023-05-22	Monday	18:00	302°	+7°	0 dB	0°	302°	+7°	52°	+28°	4.9dB	407°K	398508 -288 Hz
2023-05-22	Monday	18:30	307°	+3°	0 dB	0°	307°	+3°	59°	+28°	4.9dB	406°K	398575 -274 Hz
2023-05-23	Tuesday	03:00	049°	+0°	0 dB	0°	049°	+0°	182°	+28°	4.7dB	377°K	399684 +192 Hz
2023-05-23	Tuesday	03:30	054°	+4°	0 dB	0°	054°	+4°	189°	+28°	4.7dB	376°K	399746 +209 Hz
2023-05-23	Tuesday	04:00	059°	+8°	0 dB	0°	059°	+8°	196°	+28°	4.7dB	374°K	399808 +221 Hz
2023-05-23	Tuesday	04:30	064°	+13°	0 dB	0°	064°	+13°	204°	+28°	4.7dB	372°K	399870 +230 Hz
2023-05-23	Tuesday	05:00	069°	+17°	0 dB	0°	069°	+17°	211°	+28°	4.7dB	371°K	399932 +235 Hz
2023-05-23	Tuesday	05:30	073°	+22°	0 dB	0°	073°	+22°	218°	+28°	4.6dB	369°K	399993 +235 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-23	Tuesday	06:00	078°	+27°	0 dB	0°	078°	+27°	225°	+28°	4.6dB	366°K	400054 +231 Hz
2023-05-23	Tuesday	06:30	083°	+32°	0 dB	0°	083°	+32°	233°	+28°	4.6dB	364°K	400115 +223 Hz
2023-05-23	Tuesday	07:00	087°	+37°	0 dB	0°	087°	+37°	240°	+28°	4.6dB	361°K	400175 +211 Hz
2023-05-23	Tuesday	07:30	093°	+42°	0 dB	0°	093°	+42°	247°	+28°	4.5dB	359°K	400235 +194 Hz
2023-05-23	Tuesday	08:00	098°	+47°	0 dB	0°	098°	+47°	254°	+28°	4.5dB	357°K	400295 +174 Hz
2023-05-23	Tuesday	08:30	105°	+52°	0 dB	0°	105°	+52°	261°	+28°	4.5dB	354°K	400354 +150 Hz
2023-05-23	Tuesday	09:00	112°	+57°	0 dB	0°	112°	+57°	269°	+27°	4.5dB	352°K	400413 +124 Hz
2023-05-23	Tuesday	09:30	122°	+61°	0 dB	0°	122°	+61°	276°	+27°	4.4dB	349°K	400472 +94 Hz
2023-05-23	Tuesday	10:00	133°	+65°	0 dB	0°	133°	+65°	283°	+27°	4.4dB	347°K	400530 +62 Hz
2023-05-23	Tuesday	10:30	147°	+69°	0 dB	0°	147°	+69°	290°	+27°	4.4dB	344°K	400588 +29 Hz
2023-05-23	Tuesday	11:00	165°	+71°	0 dB	0°	165°	+71°	298°	+27°	4.4dB	342°K	400646 -5 Hz
2023-05-23	Tuesday	11:30	185°	+71°	0 dB	0°	185°	+71°	305°	+27°	4.4dB	339°K	400703 -40 Hz
2023-05-23	Tuesday	12:00	204°	+70°	0 dB	0°	204°	+70°	312°	+27°	4.3dB	337°K	400760 -75 Hz
2023-05-23	Tuesday	12:30	220°	+67°	0 dB	0°	220°	+67°	319°	+27°	4.3dB	334°K	400817 -109 Hz
2023-05-23	Tuesday	13:00	233°	+63°	0 dB	0°	233°	+63°	327°	+27°	4.3dB	332°K	400873 -141 Hz
2023-05-23	Tuesday	13:30	243°	+59°	0 dB	0°	243°	+59°	334°	+27°	4.3dB	329°K	400929 -172 Hz
2023-05-23	Tuesday	14:00	251°	+54°	0 dB	0°	251°	+54°	341°	+27°	4.2dB	327°K	400985 -201 Hz
2023-05-23	Tuesday	14:30	258°	+49°	0 dB	0°	258°	+49°	348°	+27°	4.2dB	325°K	401040 -226 Hz
2023-05-23	Tuesday	15:00	264°	+44°	0 dB	0°	264°	+44°	356°	+27°	4.2dB	322°K	401095 -248 Hz
2023-05-23	Tuesday	15:30	270°	+39°	0 dB	0°	270°	+39°	3°	+27°	4.2dB	320°K	401150 -267 Hz
2023-05-23	Tuesday	16:00	275°	+34°	0 dB	0°	275°	+34°	10°	+27°	4.1dB	317°K	401204 -281 Hz
2023-05-23	Tuesday	16:30	279°	+29°	0 dB	0°	279°	+29°	17°	+27°	4.1dB	315°K	401257 -292 Hz
2023-05-23	Tuesday	17:00	284°	+24°	0 dB	0°	284°	+24°	25°	+27°	4.1dB	312°K	401311 -298 Hz
2023-05-23	Tuesday	17:30	289°	+19°	0 dB	0°	289°	+19°	32°	+27°	4.1dB	310°K	401364 -300 Hz
2023-05-23	Tuesday	18:00	293°	+14°	0 dB	0°	293°	+14°	39°	+27°	4.0dB	307°K	401417 -297 Hz
2023-05-23	Tuesday	18:30	298°	+10°	0 dB	0°	298°	+10°	46°	+27°	4.0dB	305°K	401469 -291 Hz
2023-05-23	Tuesday	19:00	303°	+5°	0 dB	0°	303°	+5°	53°	+27°	4.0dB	302°K	401521 -280 Hz
2023-05-23	Tuesday	19:30	308°	+1°	0 dB	0°	308°	+1°	61°	+27°	3.9dB	299°K	401572 -265 Hz
2023-05-24	Wednesday	04:00	052°	-0°	0 dB	0°	052°	-0°	184°	+26°	3.3dB	250°K	402389 +209 Hz
2023-05-24	Wednesday	04:30	057°	+4°	0 dB	0°	057°	+4°	191°	+26°	3.3dB	247°K	402433 +224 Hz
2023-05-24	Wednesday	05:00	062°	+8°	0 dB	0°	062°	+8°	198°	+26°	3.3dB	245°K	402477 +236 Hz
2023-05-24	Wednesday	05:30	066°	+13°	0 dB	0°	066°	+13°	206°	+26°	3.2dB	242°K	402521 +244 Hz
2023-05-24	Wednesday	06:00	071°	+17°	0 dB	0°	071°	+17°	213°	+26°	3.2dB	239°K	402564 +248 Hz
2023-05-24	Wednesday	06:30	076°	+22°	0 dB	0°	076°	+22°	220°	+26°	3.1dB	236°K	402606 +247 Hz
2023-05-24	Wednesday	07:00	081°	+27°	0 dB	0°	081°	+27°	227°	+26°	3.1dB	233°K	402649 +242 Hz
2023-05-24	Wednesday	07:30	086°	+32°	0 dB	0°	086°	+32°	235°	+26°	3.1dB	230°K	402690 +233 Hz
2023-05-24	Wednesday	08:00	091°	+37°	0 dB	0°	091°	+37°	242°	+26°	3.0dB	227°K	402732 +219 Hz
2023-05-24	Wednesday	08:30	096°	+42°	0 dB	0°	096°	+42°	249°	+26°	3.0dB	225°K	402773 +202 Hz
2023-05-24	Wednesday	09:00	102°	+47°	0 dB	0°	102°	+47°	256°	+26°	3.0dB	224°K	402813 +180 Hz
2023-05-24	Wednesday	09:30	109°	+52°	0 dB	0°	109°	+52°	264°	+26°	3.0dB	223°K	402854 +155 Hz
2023-05-24	Wednesday	10:00	117°	+57°	0 dB	0°	117°	+57°	271°	+26°	3.0dB	223°K	402893 +127 Hz
2023-05-24	Wednesday	10:30	127°	+61°	0 dB	0°	127°	+61°	278°	+26°	2.9dB	222°K	402932 +97 Hz
2023-05-24	Wednesday	11:00	139°	+65°	0 dB	0°	139°	+65°	285°	+26°	2.9dB	221°K	402971 +64 Hz
2023-05-24	Wednesday	11:30	154°	+68°	0 dB	0°	154°	+68°	293°	+26°	2.9dB	220°K	403010 +30 Hz
2023-05-24	Wednesday	12:00	172°	+69°	0 dB	0°	172°	+69°	300°	+25°	2.9dB	219°K	403048 -6 Hz
2023-05-24	Wednesday	12:30	190°	+69°	0 dB	0°	190°	+69°	307°	+25°	2.9dB	218°K	403085 -41 Hz
2023-05-24	Wednesday	13:00	208°	+67°	0 dB	0°	208°	+67°	314°	+25°	2.9dB	217°K	403122 -76 Hz
2023-05-24	Wednesday	13:30	222°	+64°	0 dB	0°	222°	+64°	322°	+25°	2.9dB	216°K	403159 -111 Hz
2023-05-24	Wednesday	14:00	234°	+60°	0 dB	0°	234°	+60°	329°	+25°	2.8dB	215°K	403195 -143 Hz
2023-05-24	Wednesday	14:30	243°	+56°	0 dB	0°	243°	+56°	336°	+25°	2.8dB	214°K	403230 -174 Hz
2023-05-24	Wednesday	15:00	251°	+51°	0 dB	0°	251°	+51°	343°	+25°	2.8dB	213°K	403266 -202 Hz
2023-05-24	Wednesday	15:30	258°	+46°	0 dB	0°	258°	+46°	351°	+25°	2.8dB	212°K	403300 -227 Hz
2023-05-24	Wednesday	16:00	264°	+41°	0 dB	0°	264°	+41°	358°	+25°	2.8dB	211°K	403335 -249 Hz
2023-05-24	Wednesday	16:30	269°	+36°	0 dB	0°	269°	+36°	5°	+25°	2.8dB	210°K	403369 -266 Hz
2023-05-24	Wednesday	17:00	274°	+31°	0 dB	0°	274°	+31°	12°	+25°	2.8dB	209°K	403402 -280 Hz
2023-05-24	Wednesday	17:30	279°	+26°	0 dB	0°	279°	+26°	20°	+25°	2.7dB	208°K	403435 -289 Hz
2023-05-24	Wednesday	18:00	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	2.7dB	208°K	403467 -294 Hz
2023-05-24	Wednesday	18:30	289°	+16°	0 dB	0°	289°	+16°	34°	+25°	2.7dB	207°K	403499 -295 Hz
2023-05-24	Wednesday	19:00	293°	+11°	0 dB	0°	293°	+11°	41°	+25°	2.7dB	206°K	403531 -291 Hz
2023-05-24	Wednesday	19:30	298°	+7°	0 dB	0°	298°	+7°	49°	+25°	2.7dB	205°K	403562 -283 Hz
2023-05-24	Wednesday	20:00	303°	+2°	0 dB	0°	303°	+2°	56°	+25°	2.7dB	204°K	403592 -270 Hz
2023-05-25	Thursday	05:30	060°	+3°	0 dB	0°	060°	+3°	194°	+23°	2.4dB	186°K	404082 +246 Hz
2023-05-25	Thursday	06:00	065°	+8°	0 dB	0°	065°	+8°	201°	+23°	2.4dB	186°K	404103 +257 Hz
2023-05-25	Thursday	06:30	070°	+13°	0 dB	0°	070°	+13°	208°	+23°	2.4dB	185°K	404123 +264 Hz
2023-05-25	Thursday	07:00	075°	+17°	0 dB	0°	075°	+17°	216°	+23°	2.4dB	184°K	404143 +266 Hz
2023-05-25	Thursday	07:30	080°	+22°	0 dB	0°	080°	+22°	223°	+23°	2.3dB	183°K	404162 +264 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-25	Thursday	08:00	085°	+27°	0 dB	0°	085°	+27°	230°	+23°	2.3dB	182°K	404181 +257 Hz
2023-05-25	Thursday	08:30	090°	+32°	0 dB	0°	090°	+32°	237°	+23°	2.3dB	181°K	404199 +246 Hz
2023-05-25	Thursday	09:00	096°	+37°	0 dB	0°	096°	+37°	245°	+23°	2.3dB	180°K	404217 +230 Hz
2023-05-25	Thursday	09:30	101°	+42°	0 dB	0°	101°	+42°	252°	+23°	2.3dB	179°K	404235 +211 Hz
2023-05-25	Thursday	10:00	108°	+47°	0 dB	0°	108°	+47°	259°	+23°	2.3dB	178°K	404251 +187 Hz
2023-05-25	Thursday	10:30	116°	+52°	0 dB	0°	116°	+52°	266°	+23°	2.3dB	178°K	404268 +161 Hz
2023-05-25	Thursday	11:00	125°	+56°	0 dB	0°	125°	+56°	274°	+23°	2.2dB	177°K	404283 +131 Hz
2023-05-25	Thursday	11:30	135°	+60°	0 dB	0°	135°	+60°	281°	+23°	2.2dB	176°K	404299 +98 Hz
2023-05-25	Thursday	12:00	148°	+63°	0 dB	0°	148°	+63°	288°	+23°	2.2dB	175°K	404313 +64 Hz
2023-05-25	Thursday	12:30	163°	+65°	0 dB	0°	163°	+65°	295°	+22°	2.2dB	174°K	404328 +29 Hz
2023-05-25	Thursday	13:00	179°	+66°	0 dB	0°	179°	+66°	303°	+22°	2.2dB	174°K	404341 -8 Hz
2023-05-25	Thursday	13:30	196°	+65°	0 dB	0°	196°	+65°	310°	+22°	2.2dB	174°K	404355 -44 Hz
2023-05-25	Thursday	14:00	211°	+63°	0 dB	0°	211°	+63°	317°	+22°	2.2dB	174°K	404367 -80 Hz
2023-05-25	Thursday	14:30	224°	+60°	0 dB	0°	224°	+60°	325°	+22°	2.2dB	175°K	404379 -114 Hz
2023-05-25	Thursday	15:00	234°	+56°	0 dB	0°	234°	+56°	332°	+22°	2.2dB	175°K	404391 -147 Hz
2023-05-25	Thursday	15:30	243°	+52°	0 dB	0°	243°	+52°	339°	+22°	2.2dB	175°K	404402 -178 Hz
2023-05-25	Thursday	16:00	250°	+47°	0 dB	0°	250°	+47°	346°	+22°	2.2dB	175°K	404413 -205 Hz
2023-05-25	Thursday	16:30	257°	+42°	0 dB	0°	257°	+42°	354°	+22°	2.2dB	176°K	404423 -230 Hz
2023-05-25	Thursday	17:00	263°	+37°	0 dB	0°	263°	+37°	1°	+22°	2.2dB	176°K	404432 -250 Hz
2023-05-25	Thursday	17:30	268°	+32°	0 dB	0°	268°	+32°	8°	+22°	2.2dB	176°K	404441 -267 Hz
2023-05-25	Thursday	18:00	273°	+27°	0 dB	0°	273°	+27°	15°	+22°	2.3dB	177°K	404450 -279 Hz
2023-05-25	Thursday	18:30	278°	+22°	0 dB	0°	278°	+22°	23°	+22°	2.3dB	177°K	404458 -286 Hz
2023-05-25	Thursday	19:00	283°	+16°	0 dB	0°	283°	+16°	30°	+21°	2.3dB	177°K	404465 -290 Hz
2023-05-25	Thursday	19:30	288°	+12°	0 dB	0°	288°	+12°	37°	+21°	2.3dB	177°K	404472 -288 Hz
2023-05-25	Thursday	20:00	293°	+7°	0 dB	0°	293°	+7°	44°	+21°	2.3dB	178°K	404478 -282 Hz
2023-05-25	Thursday	20:30	298°	+2°	0 dB	0°	298°	+2°	52°	+21°	2.3dB	178°K	404484 -272 Hz
2023-05-26	Fri day	06:30	065°	+3°	0 dB	0°	065°	+3°	197°	+20°	2.4dB	183°K	404488 +272 Hz
2023-05-26	Fri day	07:00	070°	+7°	0 dB	0°	070°	+7°	204°	+20°	2.4dB	183°K	404482 +281 Hz
2023-05-26	Fri day	07:30	075°	+12°	0 dB	0°	075°	+12°	212°	+19°	2.4dB	183°K	404476 +286 Hz
2023-05-26	Fri day	08:00	080°	+17°	0 dB	0°	080°	+17°	219°	+19°	2.4dB	183°K	404470 +286 Hz
2023-05-26	Fri day	08:30	085°	+22°	0 dB	0°	085°	+22°	226°	+19°	2.4dB	184°K	404463 +282 Hz
2023-05-26	Fri day	09:00	091°	+27°	0 dB	0°	091°	+27°	234°	+19°	2.4dB	184°K	404455 +273 Hz
2023-05-26	Fri day	09:30	096°	+32°	0 dB	0°	096°	+32°	241°	+19°	2.4dB	184°K	404447 +259 Hz
2023-05-26	Fri day	10:00	102°	+37°	0 dB	0°	102°	+37°	248°	+19°	2.4dB	184°K	404438 +241 Hz
2023-05-26	Fri day	10:30	108°	+42°	0 dB	0°	108°	+42°	255°	+19°	2.4dB	184°K	404428 +219 Hz
2023-05-26	Fri day	11:00	116°	+47°	0 dB	0°	116°	+47°	263°	+19°	2.4dB	184°K	404419 +193 Hz
2023-05-26	Fri day	11:30	124°	+51°	0 dB	0°	124°	+51°	270°	+19°	2.4dB	184°K	404408 +164 Hz
2023-05-26	Fri day	12:00	134°	+55°	0 dB	0°	134°	+55°	277°	+19°	2.4dB	185°K	404397 +132 Hz
2023-05-26	Fri day	12:30	145°	+58°	0 dB	0°	145°	+58°	285°	+19°	2.4dB	185°K	404386 +98 Hz
2023-05-26	Fri day	13:00	158°	+61°	0 dB	0°	158°	+61°	292°	+18°	2.4dB	185°K	404373 +62 Hz
2023-05-26	Fri day	13:30	172°	+62°	0 dB	0°	172°	+62°	299°	+18°	2.4dB	185°K	404361 +25 Hz
2023-05-26	Fri day	14:00	187°	+62°	0 dB	0°	187°	+62°	306°	+18°	2.4dB	185°K	404348 -13 Hz
2023-05-26	Fri day	14:30	201°	+60°	0 dB	0°	201°	+60°	314°	+18°	2.4dB	185°K	404334 -50 Hz
2023-05-26	Fri day	15:00	214°	+58°	0 dB	0°	214°	+58°	321°	+18°	2.4dB	185°K	404319 -86 Hz
2023-05-26	Fri day	15:30	225°	+55°	0 dB	0°	225°	+55°	328°	+18°	2.4dB	186°K	404305 -121 Hz
2023-05-26	Fri day	16:00	235°	+51°	0 dB	0°	235°	+51°	335°	+18°	2.4dB	186°K	404289 -154 Hz
2023-05-26	Fri day	16:30	243°	+46°	0 dB	0°	243°	+46°	343°	+18°	2.4dB	186°K	404273 -184 Hz
2023-05-26	Fri day	17:00	250°	+41°	0 dB	0°	250°	+41°	350°	+18°	2.4dB	186°K	404257 -210 Hz
2023-05-26	Fri day	17:30	256°	+36°	0 dB	0°	256°	+36°	357°	+18°	2.4dB	186°K	404240 -233 Hz
2023-05-26	Fri day	18:00	262°	+31°	0 dB	0°	262°	+31°	5°	+18°	2.4dB	186°K	404222 -252 Hz
2023-05-26	Fri day	18:30	268°	+26°	0 dB	0°	268°	+26°	12°	+17°	2.4dB	186°K	404204 -267 Hz
2023-05-26	Fri day	19:00	273°	+21°	0 dB	0°	273°	+21°	19°	+17°	2.4dB	187°K	404185 -277 Hz
2023-05-26	Fri day	19:30	278°	+16°	0 dB	0°	278°	+16°	26°	+17°	2.4dB	187°K	404166 -282 Hz
2023-05-26	Fri day	20:00	283°	+11°	0 dB	0°	283°	+11°	34°	+17°	2.4dB	187°K	404146 -283 Hz
2023-05-26	Fri day	20:30	288°	+6°	0 dB	0°	288°	+6°	41°	+17°	2.4dB	187°K	404125 -279 Hz
2023-05-26	Fri day	21:00	293°	+1°	0 dB	0°	293°	+1°	48°	+17°	2.4dB	188°K	404104 -270 Hz
2023-05-27	Saturday	07:30	071°	+2°	0 dB	0°	071°	+2°	201°	+15°	2.5dB	193°K	403536 +298 Hz
2023-05-27	Saturday	08:00	076°	+7°	0 dB	0°	076°	+7°	209°	+15°	2.5dB	194°K	403503 +305 Hz
2023-05-27	Saturday	08:30	082°	+12°	0 dB	0°	082°	+12°	216°	+15°	2.5dB	194°K	403469 +307 Hz
2023-05-27	Saturday	09:00	087°	+17°	0 dB	0°	087°	+17°	223°	+15°	2.5dB	194°K	403435 +305 Hz
2023-05-27	Saturday	09:30	092°	+22°	0 dB	0°	092°	+22°	230°	+15°	2.5dB	194°K	403400 +298 Hz
2023-05-27	Saturday	10:00	098°	+27°	0 dB	0°	098°	+27°	238°	+14°	2.5dB	195°K	403365 +286 Hz
2023-05-27	Saturday	10:30	103°	+32°	0 dB	0°	103°	+32°	245°	+14°	2.5dB	195°K	403329 +269 Hz
2023-05-27	Saturday	11:00	110°	+36°	0 dB	0°	110°	+36°	252°	+14°	2.5dB	195°K	403293 +248 Hz
2023-05-27	Saturday	11:30	117°	+41°	0 dB	0°	117°	+41°	260°	+14°	2.5dB	196°K	403256 +223 Hz
2023-05-27	Saturday	12:00	125°	+45°	0 dB	0°	125°	+45°	267°	+14°	2.5dB	196°K	403218 +195 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-05-27	Saturday	12:30	133°	+49°	0 dB	0°	133°	+49°	274°	+14°	2.5dB	196°K	403180 +163 Hz
2023-05-27	Saturday	13:00	144°	+53°	0 dB	0°	144°	+53°	281°	+14°	2.5dB	196°K	403141 +129 Hz
2023-05-27	Saturday	13:30	155°	+55°	0 dB	0°	155°	+55°	289°	+14°	2.5dB	197°K	403102 +93 Hz
2023-05-27	Saturday	14:00	167°	+57°	0 dB	0°	167°	+57°	296°	+14°	2.5dB	197°K	403062 +55 Hz
2023-05-27	Saturday	14:30	180°	+57°	0 dB	0°	180°	+57°	303°	+14°	2.5dB	197°K	403022 +17 Hz
2023-05-27	Saturday	15:00	194°	+56°	0 dB	0°	194°	+56°	311°	+13°	2.5dB	197°K	402981 -22 Hz
2023-05-27	Saturday	15:30	206°	+54°	0 dB	0°	206°	+54°	318°	+13°	2.6dB	198°K	402940 -59 Hz
2023-05-27	Saturday	16:00	217°	+52°	0 dB	0°	217°	+52°	325°	+13°	2.6dB	198°K	402898 -96 Hz
2023-05-27	Saturday	16:30	227°	+48°	0 dB	0°	227°	+48°	332°	+13°	2.6dB	198°K	402856 -130 Hz
2023-05-27	Saturday	17:00	235°	+44°	0 dB	0°	235°	+44°	340°	+13°	2.6dB	198°K	402813 -162 Hz
2023-05-27	Saturday	17:30	243°	+40°	0 dB	0°	243°	+40°	347°	+13°	2.6dB	199°K	402769 -190 Hz
2023-05-27	Saturday	18:00	249°	+35°	0 dB	0°	249°	+35°	354°	+13°	2.6dB	199°K	402725 -216 Hz
2023-05-27	Saturday	18:30	256°	+30°	0 dB	0°	256°	+30°	2°	+13°	2.6dB	199°K	402681 -237 Hz
2023-05-27	Saturday	19:00	261°	+25°	0 dB	0°	261°	+25°	9°	+13°	2.6dB	200°K	402636 -253 Hz
2023-05-27	Saturday	19:30	267°	+20°	0 dB	0°	267°	+20°	16°	+12°	2.6dB	200°K	402590 -266 Hz
2023-05-27	Saturday	20:00	272°	+15°	0 dB	0°	272°	+15°	23°	+12°	2.6dB	200°K	402544 -273 Hz
2023-05-27	Saturday	20:30	277°	+9°	0 dB	0°	277°	+9°	31°	+12°	2.6dB	200°K	402497 -276 Hz
2023-05-27	Saturday	21:00	282°	+4°	0 dB	0°	282°	+4°	38°	+12°	2.6dB	201°K	402450 -273 Hz
2023-05-28	Sunday	08:30	078°	+1°	0 dB	0°	078°	+1°	206°	+10°	2.6dB	207°K	401217 +322 Hz
2023-05-28	Sunday	09:00	083°	+6°	0 dB	0°	083°	+6°	213°	+10°	2.6dB	207°K	401158 +326 Hz
2023-05-28	Sunday	09:30	089°	+11°	0 dB	0°	089°	+11°	220°	+9°	2.6dB	207°K	401097 +325 Hz
2023-05-28	Sunday	10:00	094°	+16°	0 dB	0°	094°	+16°	228°	+9°	2.6dB	208°K	401037 +319 Hz
2023-05-28	Sunday	10:30	100°	+21°	0 dB	0°	100°	+21°	235°	+9°	2.6dB	208°K	400975 +309 Hz
2023-05-28	Sunday	11:00	105°	+26°	0 dB	0°	105°	+26°	242°	+9°	2.6dB	208°K	400914 +294 Hz
2023-05-28	Sunday	11:30	112°	+31°	0 dB	0°	112°	+31°	250°	+9°	2.6dB	208°K	400851 +274 Hz
2023-05-28	Sunday	12:00	118°	+35°	0 dB	0°	118°	+35°	257°	+9°	2.6dB	209°K	400788 +250 Hz
2023-05-28	Sunday	12:30	126°	+39°	0 dB	0°	126°	+39°	264°	+9°	2.6dB	209°K	400725 +222 Hz
2023-05-28	Sunday	13:00	134°	+43°	0 dB	0°	134°	+43°	271°	+9°	2.6dB	209°K	400661 +191 Hz
2023-05-28	Sunday	13:30	143°	+47°	0 dB	0°	143°	+47°	279°	+9°	2.6dB	209°K	400597 +157 Hz
2023-05-28	Sunday	14:00	153°	+49°	0 dB	0°	153°	+49°	286°	+8°	2.6dB	210°K	400532 +121 Hz
2023-05-28	Sunday	14:30	164°	+51°	0 dB	0°	164°	+51°	293°	+8°	2.6dB	210°K	400467 +83 Hz
2023-05-28	Sunday	15:00	176°	+52°	0 dB	0°	176°	+52°	301°	+8°	2.6dB	210°K	400401 +44 Hz
2023-05-28	Sunday	15:30	188°	+51°	0 dB	0°	188°	+51°	308°	+8°	2.6dB	210°K	400335 +5 Hz
2023-05-28	Sunday	16:00	199°	+50°	0 dB	0°	199°	+50°	315°	+8°	2.7dB	211°K	400268 -34 Hz
2023-05-28	Sunday	16:30	210°	+48°	0 dB	0°	210°	+48°	322°	+8°	2.7dB	211°K	400201 -71 Hz
2023-05-28	Sunday	17:00	219°	+45°	0 dB	0°	219°	+45°	330°	+8°	2.6dB	211°K	400133 -107 Hz
2023-05-28	Sunday	17:30	228°	+41°	0 dB	0°	228°	+41°	337°	+8°	2.6dB	211°K	400065 -140 Hz
2023-05-28	Sunday	18:00	236°	+37°	0 dB	0°	236°	+37°	344°	+8°	2.7dB	212°K	399997 -171 Hz
2023-05-28	Sunday	18:30	243°	+32°	0 dB	0°	243°	+32°	352°	+7°	2.7dB	212°K	399927 -197 Hz
2023-05-28	Sunday	19:00	249°	+28°	0 dB	0°	249°	+28°	359°	+7°	2.7dB	212°K	399858 -220 Hz
2023-05-28	Sunday	19:30	255°	+23°	0 dB	0°	255°	+23°	6°	+7°	2.7dB	213°K	399788 -239 Hz
2023-05-28	Sunday	20:00	261°	+18°	0 dB	0°	261°	+18°	13°	+7°	2.7dB	213°K	399717 -253 Hz
2023-05-28	Sunday	20:30	266°	+13°	0 dB	0°	266°	+13°	21°	+7°	2.7dB	215°K	399646 -262 Hz
2023-05-28	Sunday	21:00	271°	+7°	0 dB	0°	271°	+7°	28°	+7°	2.7dB	216°K	399575 -266 Hz
2023-05-28	Sunday	21:30	276°	+2°	0 dB	0°	276°	+2°	35°	+7°	2.7dB	218°K	399503 -266 Hz
2023-05-29	Monday	09:30	085°	+0°	0 dB	0°	085°	+0°	210°	+4°	3.2dB	252°K	397639 +339 Hz
2023-05-29	Monday	10:00	091°	+5°	0 dB	0°	091°	+5°	218°	+4°	3.2dB	254°K	397556 +340 Hz
2023-05-29	Monday	10:30	096°	+10°	0 dB	0°	096°	+10°	225°	+4°	3.2dB	255°K	397473 +336 Hz
2023-05-29	Monday	11:00	102°	+15°	0 dB	0°	102°	+15°	232°	+4°	3.2dB	257°K	397389 +327 Hz
2023-05-29	Monday	11:30	107°	+20°	0 dB	0°	107°	+20°	240°	+3°	3.2dB	258°K	397305 +313 Hz
2023-05-29	Monday	12:00	114°	+25°	0 dB	0°	114°	+25°	247°	+3°	3.2dB	260°K	397220 +295 Hz
2023-05-29	Monday	12:30	120°	+29°	0 dB	0°	120°	+29°	254°	+3°	3.3dB	261°K	397135 +272 Hz
2023-05-29	Monday	13:00	127°	+33°	0 dB	0°	127°	+33°	261°	+3°	3.3dB	263°K	397049 +245 Hz
2023-05-29	Monday	13:30	135°	+37°	0 dB	0°	135°	+37°	269°	+3°	3.3dB	264°K	396963 +215 Hz
2023-05-29	Monday	14:00	143°	+40°	0 dB	0°	143°	+40°	276°	+3°	3.3dB	266°K	396877 +182 Hz
2023-05-29	Monday	14:30	152°	+43°	0 dB	0°	152°	+43°	283°	+3°	3.3dB	267°K	396790 +146 Hz
2023-05-29	Monday	15:00	162°	+45°	0 dB	0°	162°	+45°	291°	+3°	3.3dB	269°K	396703 +108 Hz
2023-05-29	Monday	15:30	173°	+46°	0 dB	0°	173°	+46°	298°	+2°	3.4dB	271°K	396616 +69 Hz
2023-05-29	Monday	16:00	183°	+46°	0 dB	0°	183°	+46°	305°	+2°	3.4dB	272°K	396528 +30 Hz
2023-05-29	Monday	16:30	194°	+45°	0 dB	0°	194°	+45°	313°	+2°	3.4dB	274°K	396440 -10 Hz
2023-05-29	Monday	17:00	204°	+43°	0 dB	0°	204°	+43°	320°	+2°	3.4dB	275°K	396351 -48 Hz
2023-05-29	Monday	17:30	213°	+41°	0 dB	0°	213°	+41°	327°	+2°	3.4dB	277°K	396262 -84 Hz
2023-05-29	Monday	18:00	221°	+37°	0 dB	0°	221°	+37°	334°	+2°	3.4dB	278°K	396173 -119 Hz
2023-05-29	Monday	18:30	229°	+34°	0 dB	0°	229°	+34°	342°	+2°	3.5dB	280°K	396083 -151 Hz
2023-05-29	Monday	19:00	236°	+29°	0 dB	0°	236°	+29°	349°	+2°	3.5dB	282°K	395993 -179 Hz
2023-05-29	Monday	19:30	243°	+25°	0 dB	0°	243°	+25°	356°	+2°	3.5dB	283°K	395902 -203 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-05-29	Monday	20:00	249°	+20°	0 dB	0°	249°	+20°	4°	+1°	3.5dB	285°K	395811	-223 Hz
2023-05-29	Monday	20:30	255°	+15°	0 dB	0°	255°	+15°	11°	+1°	3.5dB	286°K	395720	-239 Hz
2023-05-29	Monday	21:00	260°	+10°	0 dB	0°	260°	+10°	18°	+1°	3.5dB	288°K	395628	-250 Hz
2023-05-29	Monday	21:30	265°	+5°	0 dB	0°	265°	+5°	25°	+1°	3.6dB	290°K	395536	-256 Hz
2023-05-29	Monday	22:00	270°	-0°	0 dB	0°	270°	-0°	33°	+1°	3.6dB	291°K	395444	-257 Hz
2023-05-30	Tuesday	11:00	098°	+4°	0 dB	0°	098°	+4°	222°	-2°	3.7dB	313°K	392926	+346 Hz
2023-05-30	Tuesday	11:30	104°	+9°	0 dB	0°	104°	+9°	230°	-2°	3.7dB	313°K	392825	+339 Hz
2023-05-30	Tuesday	12:00	109°	+14°	0 dB	0°	109°	+14°	237°	-2°	3.7dB	313°K	392724	+327 Hz
2023-05-30	Tuesday	12:30	115°	+18°	0 dB	0°	115°	+18°	244°	-3°	3.7dB	313°K	392623	+310 Hz
2023-05-30	Tuesday	13:00	122°	+23°	0 dB	0°	122°	+23°	251°	-3°	3.7dB	313°K	392521	+289 Hz
2023-05-30	Tuesday	13:30	128°	+27°	0 dB	0°	128°	+27°	259°	-3°	3.7dB	313°K	392419	+263 Hz
2023-05-30	Tuesday	14:00	135°	+30°	0 dB	0°	135°	+30°	266°	-3°	3.7dB	313°K	392317	+234 Hz
2023-05-30	Tuesday	14:30	143°	+34°	0 dB	0°	143°	+34°	273°	-3°	3.7dB	313°K	392214	+202 Hz
2023-05-30	Tuesday	15:00	152°	+36°	0 dB	0°	152°	+36°	281°	-3°	3.7dB	313°K	392111	+167 Hz
2023-05-30	Tuesday	15:30	161°	+38°	0 dB	0°	161°	+38°	288°	-3°	3.7dB	313°K	392008	+130 Hz
2023-05-30	Tuesday	16:00	170°	+39°	0 dB	0°	170°	+39°	295°	-3°	3.7dB	313°K	391905	+91 Hz
2023-05-30	Tuesday	16:30	179°	+40°	0 dB	0°	179°	+40°	303°	-4°	3.7dB	313°K	391801	+52 Hz
2023-05-30	Tuesday	17:00	189°	+39°	0 dB	0°	189°	+39°	310°	-4°	3.7dB	313°K	391698	+13 Hz
2023-05-30	Tuesday	17:30	198°	+38°	0 dB	0°	198°	+38°	317°	-4°	3.7dB	313°K	391593	-25 Hz
2023-05-30	Tuesday	18:00	207°	+36°	0 dB	0°	207°	+36°	324°	-4°	3.7dB	313°K	391489	-62 Hz
2023-05-30	Tuesday	18:30	215°	+33°	0 dB	0°	215°	+33°	332°	-4°	3.7dB	313°K	391385	-98 Hz
2023-05-30	Tuesday	19:00	223°	+30°	0 dB	0°	223°	+30°	339°	-4°	3.6dB	313°K	391280	-130 Hz
2023-05-30	Tuesday	19:30	230°	+26°	0 dB	0°	230°	+26°	346°	-4°	3.6dB	313°K	391175	-159 Hz
2023-05-30	Tuesday	20:00	236°	+22°	0 dB	0°	236°	+22°	354°	-4°	3.6dB	313°K	391070	-185 Hz
2023-05-30	Tuesday	20:30	243°	+17°	0 dB	0°	243°	+17°	1°	-5°	3.6dB	313°K	390964	-207 Hz
2023-05-30	Tuesday	21:00	248°	+13°	0 dB	0°	248°	+13°	8°	-5°	3.6dB	313°K	390859	-224 Hz
2023-05-30	Tuesday	21:30	254°	+8°	0 dB	0°	254°	+8°	15°	-5°	3.6dB	312°K	390753	-236 Hz
2023-05-30	Tuesday	22:00	259°	+3°	0 dB	0°	259°	+3°	23°	-5°	3.6dB	312°K	390647	-244 Hz
2023-05-31	Wednesday	12:00	106°	+2°	0 dB	0°	106°	+2°	227°	-8°	3.4dB	304°K	387605	+343 Hz
2023-05-31	Wednesday	12:30	111°	+7°	0 dB	0°	111°	+7°	234°	-8°	3.4dB	304°K	387494	+333 Hz
2023-05-31	Wednesday	13:00	117°	+12°	0 dB	0°	117°	+12°	241°	-9°	3.4dB	305°K	387383	+318 Hz
2023-05-31	Wednesday	13:30	123°	+16°	0 dB	0°	123°	+16°	248°	-9°	3.4dB	305°K	387273	+299 Hz
2023-05-31	Wednesday	14:00	129°	+20°	0 dB	0°	129°	+20°	256°	-9°	3.4dB	306°K	387162	+276 Hz
2023-05-31	Wednesday	14:30	136°	+24°	0 dB	0°	136°	+24°	263°	-9°	3.4dB	307°K	387050	+248 Hz
2023-05-31	Wednesday	15:00	143°	+27°	0 dB	0°	143°	+27°	270°	-9°	3.4dB	307°K	386939	+218 Hz
2023-05-31	Wednesday	15:30	150°	+29°	0 dB	0°	150°	+29°	277°	-9°	3.4dB	308°K	386828	+184 Hz
2023-05-31	Wednesday	16:00	159°	+32°	0 dB	0°	159°	+32°	285°	-9°	3.4dB	309°K	386717	+149 Hz
2023-05-31	Wednesday	16:30	167°	+33°	0 dB	0°	167°	+33°	292°	-9°	3.4dB	310°K	386605	+112 Hz
2023-05-31	Wednesday	17:00	176°	+34°	0 dB	0°	176°	+34°	299°	-10°	3.4dB	310°K	386494	+73 Hz
2023-05-31	Wednesday	17:30	184°	+33°	0 dB	0°	184°	+33°	307°	-10°	3.4dB	311°K	386382	+35 Hz
2023-05-31	Wednesday	18:00	193°	+33°	0 dB	0°	193°	+33°	314°	-10°	3.4dB	312°K	386271	-4 Hz
2023-05-31	Wednesday	18:30	201°	+31°	0 dB	0°	201°	+31°	321°	-10°	3.4dB	312°K	386159	-41 Hz
2023-05-31	Wednesday	19:00	209°	+29°	0 dB	0°	209°	+29°	328°	-10°	3.4dB	313°K	386047	-76 Hz
2023-05-31	Wednesday	19:30	216°	+26°	0 dB	0°	216°	+26°	336°	-10°	3.4dB	314°K	385935	-109 Hz
2023-05-31	Wednesday	20:00	223°	+22°	0 dB	0°	223°	+22°	343°	-10°	3.4dB	315°K	385823	-139 Hz
2023-05-31	Wednesday	20:30	230°	+19°	0 dB	0°	230°	+19°	350°	-10°	3.4dB	315°K	385712	-166 Hz
2023-05-31	Wednesday	21:00	236°	+15°	0 dB	0°	236°	+15°	357°	-11°	3.4dB	316°K	385600	-189 Hz
2023-05-31	Wednesday	21:30	242°	+10°	0 dB	0°	242°	+10°	5°	-11°	3.4dB	317°K	385488	-208 Hz
2023-05-31	Wednesday	22:00	247°	+5°	0 dB	0°	247°	+5°	12°	-11°	3.4dB	317°K	385375	-222 Hz
2023-05-31	Wednesday	22:30	253°	+1°	0 dB	0°	253°	+1°	19°	-11°	3.4dB	318°K	385263	-232 Hz
2023-06-01	Thursday	13:00	112°	+0°	0 dB	0°	112°	+0°	230°	-14°	3.6dB	348°K	382015	+332 Hz
2023-06-01	Thursday	13:30	117°	+5°	0 dB	0°	117°	+5°	237°	-14°	3.6dB	349°K	381904	+320 Hz
2023-06-01	Thursday	14:00	123°	+9°	0 dB	0°	123°	+9°	244°	-14°	3.6dB	350°K	381793	+303 Hz
2023-06-01	Thursday	14:30	129°	+13°	0 dB	0°	129°	+13°	252°	-15°	3.6dB	352°K	381682	+283 Hz
2023-06-01	Thursday	15:00	135°	+17°	0 dB	0°	135°	+17°	259°	-15°	3.7dB	353°K	381571	+258 Hz
2023-06-01	Thursday	15:30	142°	+20°	0 dB	0°	142°	+20°	266°	-15°	3.7dB	354°K	381460	+230 Hz
2023-06-01	Thursday	16:00	149°	+23°	0 dB	0°	149°	+23°	274°	-15°	3.7dB	355°K	381349	+199 Hz
2023-06-01	Thursday	16:30	156°	+25°	0 dB	0°	156°	+25°	281°	-15°	3.7dB	357°K	381238	+165 Hz
2023-06-01	Thursday	17:00	164°	+27°	0 dB	0°	164°	+27°	288°	-15°	3.7dB	358°K	381127	+130 Hz
2023-06-01	Thursday	17:30	172°	+27°	0 dB	0°	172°	+27°	295°	-15°	3.7dB	359°K	381017	+93 Hz
2023-06-01	Thursday	18:00	179°	+28°	0 dB	0°	179°	+28°	303°	-15°	3.7dB	360°K	380907	+55 Hz
2023-06-01	Thursday	18:30	187°	+27°	0 dB	0°	187°	+27°	310°	-15°	3.7dB	361°K	380796	+18 Hz
2023-06-01	Thursday	19:00	195°	+26°	0 dB	0°	195°	+26°	317°	-16°	3.7dB	362°K	380686	-19 Hz
2023-06-01	Thursday	19:30	203°	+24°	0 dB	0°	203°	+24°	324°	-16°	3.7dB	364°K	380576	-54 Hz
2023-06-01	Thursday	20:00	210°	+22°	0 dB	0°	210°	+22°	332°	-16°	3.7dB	365°K	380466	-87 Hz
2023-06-01	Thursday	20:30	217°	+19°	0 dB	0°	217°	+19°	339°	-16°	3.7dB	366°K	380356	-118 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-06-01	Thursday	21:00	223°	+16°	0 dB	0°	223°	+16°	346°	-16°	3.7dB	367°K	380247	-146 Hz
2023-06-01	Thursday	21:30	229°	+12°	0 dB	0°	229°	+12°	353°	-16°	3.7dB	368°K	380137	-171 Hz
2023-06-01	Thursday	22:00	235°	+8°	0 dB	0°	235°	+8°	1°	-16°	3.7dB	369°K	380028	-191 Hz
2023-06-01	Thursday	22:30	241°	+4°	0 dB	0°	241°	+4°	8°	-16°	3.8dB	370°K	379919	-208 Hz
2023-06-02	Fri day	14:30	123°	+2°	0 dB	0°	123°	+2°	240°	-20°	3.9dB	404°K	376525	+302 Hz
2023-06-02	Fri day	15:00	128°	+6°	0 dB	0°	128°	+6°	247°	-20°	3.9dB	405°K	376423	+284 Hz
2023-06-02	Fri day	15:30	134°	+10°	0 dB	0°	134°	+10°	254°	-20°	3.9dB	406°K	376321	+263 Hz
2023-06-02	Fri day	16:00	140°	+13°	0 dB	0°	140°	+13°	261°	-20°	3.9dB	407°K	376219	+238 Hz
2023-06-02	Fri day	16:30	146°	+16°	0 dB	0°	146°	+16°	269°	-20°	3.9dB	408°K	376118	+210 Hz
2023-06-02	Fri day	17:00	153°	+18°	0 dB	0°	153°	+18°	276°	-20°	3.9dB	409°K	376017	+179 Hz
2023-06-02	Fri day	17:30	160°	+20°	0 dB	0°	160°	+20°	283°	-20°	4.0dB	410°K	375916	+146 Hz
2023-06-02	Fri day	18:00	167°	+22°	0 dB	0°	167°	+22°	290°	-20°	4.0dB	411°K	375816	+111 Hz
2023-06-02	Fri day	18:30	174°	+22°	0 dB	0°	174°	+22°	297°	-20°	4.0dB	412°K	375716	+76 Hz
2023-06-02	Fri day	19:00	182°	+23°	0 dB	0°	182°	+23°	305°	-21°	4.0dB	413°K	375616	+40 Hz
2023-06-02	Fri day	19:30	189°	+22°	0 dB	0°	189°	+22°	312°	-21°	4.0dB	414°K	375516	+4 Hz
2023-06-02	Fri day	20:00	196°	+21°	0 dB	0°	196°	+21°	319°	-21°	4.0dB	415°K	375417	-31 Hz
2023-06-02	Fri day	20:30	203°	+19°	0 dB	0°	203°	+19°	326°	-21°	4.0dB	416°K	375318	-65 Hz
2023-06-02	Fri day	21:00	210°	+17°	0 dB	0°	210°	+17°	334°	-21°	4.0dB	417°K	375219	-96 Hz
2023-06-02	Fri day	21:30	216°	+14°	0 dB	0°	216°	+14°	341°	-21°	4.0dB	419°K	375121	-125 Hz
2023-06-02	Fri day	22:00	222°	+10°	0 dB	0°	222°	+10°	348°	-21°	4.0dB	422°K	375023	-151 Hz
2023-06-02	Fri day	22:30	228°	+7°	0 dB	0°	228°	+7°	355°	-21°	4.0dB	424°K	374925	-174 Hz
2023-06-02	Fri day	23:00	234°	+3°	0 dB	0°	234°	+3°	2°	-21°	4.1dB	427°K	374828	-193 Hz
2023-06-03	Saturday	16:00	131°	+3°	0 dB	0°	131°	+3°	248°	-24°	4.9dB	547°K	371732	+265 Hz
2023-06-03	Saturday	16:30	137°	+6°	0 dB	0°	137°	+6°	255°	-24°	4.9dB	553°K	371648	+244 Hz
2023-06-03	Saturday	17:00	143°	+10°	0 dB	0°	143°	+10°	262°	-24°	4.9dB	558°K	371564	+219 Hz
2023-06-03	Saturday	17:30	149°	+12°	0 dB	0°	149°	+12°	269°	-24°	5.0dB	564°K	371481	+192 Hz
2023-06-03	Saturday	18:00	155°	+15°	0 dB	0°	155°	+15°	277°	-24°	5.0dB	569°K	371398	+162 Hz
2023-06-03	Saturday	18:30	162°	+16°	0 dB	0°	162°	+16°	284°	-24°	5.0dB	575°K	371316	+130 Hz
2023-06-03	Saturday	19:00	169°	+18°	0 dB	0°	169°	+18°	291°	-25°	5.1dB	580°K	371234	+96 Hz
2023-06-03	Saturday	19:30	175°	+18°	0 dB	0°	175°	+18°	298°	-25°	5.1dB	586°K	371152	+62 Hz
2023-06-03	Saturday	20:00	182°	+18°	0 dB	0°	182°	+18°	306°	-25°	5.1dB	591°K	371071	+27 Hz
2023-06-03	Saturday	20:30	189°	+18°	0 dB	0°	189°	+18°	313°	-25°	5.2dB	597°K	370991	-7 Hz
2023-06-03	Saturday	21:00	196°	+17°	0 dB	0°	196°	+17°	320°	-25°	5.2dB	602°K	370910	-41 Hz
2023-06-03	Saturday	21:30	203°	+15°	0 dB	0°	203°	+15°	327°	-25°	5.2dB	608°K	370831	-73 Hz
2023-06-03	Saturday	22:00	209°	+13°	0 dB	0°	209°	+13°	334°	-25°	5.3dB	618°K	370752	-103 Hz
2023-06-03	Saturday	22:30	215°	+10°	0 dB	0°	215°	+10°	342°	-25°	5.4dB	629°K	370673	-131 Hz
2023-06-03	Saturday	23:00	221°	+7°	0 dB	0°	221°	+7°	349°	-25°	5.4dB	640°K	370595	-156 Hz
2023-06-03	Saturday	23:30	226°	+3°	0 dB	0°	226°	+3°	356°	-25°	5.5dB	651°K	370517	-177 Hz
2023-06-04	Sunday	17:00	133°	+1°	0 dB	0°	133°	+1°	248°	-27°	8.5dB	1380°K	368101	+248 Hz
2023-06-04	Sunday	17:30	138°	+4°	0 dB	0°	138°	+4°	255°	-27°	8.5dB	1413°K	368042	+227 Hz
2023-06-04	Sunday	18:00	144°	+7°	0 dB	0°	144°	+7°	262°	-27°	8.6dB	1446°K	367982	+204 Hz
2023-06-04	Sunday	18:30	150°	+10°	0 dB	0°	150°	+10°	269°	-27°	8.7dB	1479°K	367924	+177 Hz
2023-06-04	Sunday	19:00	156°	+12°	0 dB	0°	156°	+12°	276°	-27°	8.8dB	1512°K	367866	+148 Hz
2023-06-04	Sunday	19:30	162°	+14°	0 dB	0°	162°	+14°	284°	-27°	8.9dB	1545°K	367808	+117 Hz
2023-06-04	Sunday	20:00	169°	+15°	0 dB	0°	169°	+15°	291°	-27°	9.0dB	1578°K	367751	+85 Hz
2023-06-04	Sunday	20:30	175°	+16°	0 dB	0°	175°	+16°	298°	-27°	9.1dB	1614°K	367694	+51 Hz
2023-06-04	Sunday	21:00	182°	+16°	0 dB	0°	182°	+16°	305°	-27°	9.3dB	1690°K	367638	+18 Hz
2023-06-04	Sunday	21:30	189°	+15°	0 dB	0°	189°	+15°	312°	-27°	9.5dB	1766°K	367583	-16 Hz
2023-06-04	Sunday	22:00	195°	+14°	0 dB	0°	195°	+14°	320°	-27°	9.6dB	1842°K	367528	-49 Hz
2023-06-04	Sunday	22:30	202°	+13°	0 dB	0°	202°	+13°	327°	-27°	9.8dB	1918°K	367473	-80 Hz
2023-06-04	Sunday	23:00	208°	+10°	0 dB	0°	208°	+10°	334°	-27°	10.0dB	1995°K	367419	-110 Hz
2023-06-04	Sunday	23:30	214°	+8°	0 dB	0°	214°	+8°	341°	-27°	10.1dB	2071°K	367366	-137 Hz
2023-06-05	Monday	00:00	219°	+5°	0 dB	0°	219°	+5°	348°	-27°	10.3dB	2147°K	367313	-161 Hz
2023-06-05	Monday	00:30	225°	+2°	0 dB	0°	225°	+2°	355°	-27°	10.4dB	2224°K	367261	-183 Hz
2023-06-05	Monday	18:30	138°	+3°	0 dB	0°	138°	+3°	254°	-28°	10.1dB	2085°K	365753	+216 Hz
2023-06-05	Monday	19:00	143°	+6°	0 dB	0°	143°	+6°	261°	-28°	10.0dB	2030°K	365721	+193 Hz
2023-06-05	Monday	19:30	149°	+9°	0 dB	0°	149°	+9°	268°	-28°	9.8dB	1974°K	365690	+167 Hz
2023-06-05	Monday	20:00	155°	+11°	0 dB	0°	155°	+11°	275°	-28°	9.7dB	1918°K	365660	+139 Hz
2023-06-05	Monday	20:30	162°	+13°	0 dB	0°	162°	+13°	283°	-28°	9.6dB	1862°K	365630	+108 Hz
2023-06-05	Monday	21:00	168°	+14°	0 dB	0°	168°	+14°	290°	-28°	9.5dB	1807°K	365601	+76 Hz
2023-06-05	Monday	21:30	174°	+15°	0 dB	0°	174°	+15°	297°	-28°	9.3dB	1751°K	365572	+44 Hz
2023-06-05	Monday	22:00	181°	+15°	0 dB	0°	181°	+15°	304°	-28°	9.2dB	1695°K	365544	+10 Hz
2023-06-05	Monday	22:30	188°	+15°	0 dB	0°	188°	+15°	311°	-28°	9.0dB	1639°K	365517	-23 Hz
2023-06-05	Monday	23:00	194°	+14°	0 dB	0°	194°	+14°	319°	-28°	8.9dB	1583°K	365490	-56 Hz
2023-06-05	Monday	23:30	201°	+12°	0 dB	0°	201°	+12°	326°	-28°	8.8dB	1528°K	365464	-88 Hz
2023-06-06	Tuesday	00:00	207°	+10°	0 dB	0°	207°	+10°	333°	-28°	8.6dB	1472°K	365438	-117 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-06	Tuesday	00:30	213°	+8°	0 dB	0°	213°	+8°	340°	-28°	8.4dB	1416°K	365413 -145 Hz
2023-06-06	Tuesday	01:00	218°	+5°	0 dB	0°	218°	+5°	347°	-28°	8.3dB	1360°K	365388 -170 Hz
2023-06-06	Tuesday	01:30	224°	+2°	0 dB	0°	224°	+2°	354°	-28°	8.1dB	1305°K	365364 -192 Hz
2023-06-06	Tuesday	19:00	131°	-0°	0 dB	0°	131°	-0°	246°	-27°	4.1dB	486°K	364872 +228 Hz
2023-06-06	Tuesday	19:30	137°	+3°	0 dB	0°	137°	+3°	253°	-27°	4.0dB	479°K	364868 +209 Hz
2023-06-06	Tuesday	20:00	142°	+7°	0 dB	0°	142°	+7°	260°	-27°	4.0dB	472°K	364864 +186 Hz
2023-06-06	Tuesday	20:30	148°	+10°	0 dB	0°	148°	+10°	267°	-27°	3.9dB	465°K	364861 +160 Hz
2023-06-06	Tuesday	21:00	154°	+12°	0 dB	0°	154°	+12°	274°	-26°	3.9dB	459°K	364859 +132 Hz
2023-06-06	Tuesday	21:30	160°	+14°	0 dB	0°	160°	+14°	282°	-26°	3.8dB	452°K	364857 +102 Hz
2023-06-06	Tuesday	22:00	167°	+16°	0 dB	0°	167°	+16°	289°	-26°	3.7dB	445°K	364855 +70 Hz
2023-06-06	Tuesday	22:30	173°	+16°	0 dB	0°	173°	+16°	296°	-26°	3.7dB	438°K	364854 +36 Hz
2023-06-06	Tuesday	23:00	180°	+17°	0 dB	0°	180°	+17°	303°	-26°	3.6dB	431°K	364854 +2 Hz
2023-06-06	Tuesday	23:30	187°	+16°	0 dB	0°	187°	+16°	310°	-26°	3.6dB	425°K	364854 -32 Hz
2023-06-07	Wednesday	00:00	194°	+16°	0 dB	0°	194°	+16°	318°	-26°	3.5dB	418°K	364854 -65 Hz
2023-06-07	Wednesday	00:30	200°	+14°	0 dB	0°	200°	+14°	325°	-26°	3.4dB	411°K	364856 -98 Hz
2023-06-07	Wednesday	01:00	206°	+12°	0 dB	0°	206°	+12°	332°	-26°	3.4dB	404°K	364857 -128 Hz
2023-06-07	Wednesday	01:30	213°	+10°	0 dB	0°	213°	+10°	339°	-26°	3.3dB	398°K	364859 -157 Hz
2023-06-07	Wednesday	02:00	218°	+7°	0 dB	0°	218°	+7°	346°	-26°	3.3dB	391°K	364862 -183 Hz
2023-06-07	Wednesday	02:30	224°	+4°	0 dB	0°	224°	+4°	353°	-26°	3.2dB	384°K	364865 -206 Hz
2023-06-07	Wednesday	03:00	229°	+0°	0 dB	0°	229°	+0°	1°	-26°	3.1dB	377°K	364869 -225 Hz
2023-06-07	Wednesday	20:00	129°	+2°	0 dB	0°	129°	+2°	245°	-24°	2.6dB	326°K	365294 +224 Hz
2023-06-07	Wednesday	20:30	134°	+6°	0 dB	0°	134°	+6°	252°	-23°	2.6dB	326°K	365315 +205 Hz
2023-06-07	Wednesday	21:00	140°	+9°	0 dB	0°	140°	+9°	260°	-23°	2.6dB	326°K	365336 +182 Hz
2023-06-07	Wednesday	21:30	146°	+12°	0 dB	0°	146°	+12°	267°	-23°	2.6dB	326°K	365358 +156 Hz
2023-06-07	Wednesday	22:00	152°	+15°	0 dB	0°	152°	+15°	274°	-23°	2.6dB	326°K	365380 +127 Hz
2023-06-07	Wednesday	22:30	159°	+17°	0 dB	0°	159°	+17°	281°	-23°	2.6dB	326°K	365403 +95 Hz
2023-06-07	Wednesday	23:00	166°	+19°	0 dB	0°	166°	+19°	288°	-23°	2.6dB	326°K	365426 +62 Hz
2023-06-07	Wednesday	23:30	173°	+20°	0 dB	0°	173°	+20°	296°	-23°	2.6dB	326°K	365449 +28 Hz
2023-06-08	Thursday	00:00	180°	+20°	0 dB	0°	180°	+20°	303°	-23°	2.6dB	326°K	365473 -8 Hz
2023-06-08	Thursday	00:30	187°	+20°	0 dB	0°	187°	+20°	310°	-23°	2.6dB	326°K	365498 -43 Hz
2023-06-08	Thursday	01:00	194°	+19°	0 dB	0°	194°	+19°	317°	-23°	2.6dB	326°K	365523 -78 Hz
2023-06-08	Thursday	01:30	201°	+18°	0 dB	0°	201°	+18°	325°	-23°	2.6dB	326°K	365548 -111 Hz
2023-06-08	Thursday	02:00	208°	+16°	0 dB	0°	208°	+16°	332°	-23°	2.6dB	326°K	365574 -143 Hz
2023-06-08	Thursday	02:30	214°	+13°	0 dB	0°	214°	+13°	339°	-22°	2.6dB	326°K	365600 -173 Hz
2023-06-08	Thursday	03:00	220°	+10°	0 dB	0°	220°	+10°	346°	-22°	2.6dB	326°K	365627 -200 Hz
2023-06-08	Thursday	03:30	226°	+7°	0 dB	0°	226°	+7°	353°	-22°	2.6dB	326°K	365654 -224 Hz
2023-06-08	Thursday	04:00	232°	+3°	0 dB	0°	232°	+3°	1°	-22°	2.6dB	326°K	365681 -244 Hz
2023-06-08	Thursday	20:30	121°	+2°	0 dB	0°	121°	+2°	239°	-19°	2.5dB	312°K	366814 +238 Hz
2023-06-08	Thursday	21:00	127°	+6°	0 dB	0°	127°	+6°	246°	-19°	2.5dB	311°K	366854 +222 Hz
2023-06-08	Thursday	21:30	132°	+10°	0 dB	0°	132°	+10°	253°	-19°	2.5dB	310°K	366895 +201 Hz
2023-06-08	Thursday	22:00	138°	+14°	0 dB	0°	138°	+14°	260°	-19°	2.5dB	309°K	366937 +177 Hz
2023-06-08	Thursday	22:30	145°	+17°	0 dB	0°	145°	+17°	268°	-18°	2.5dB	308°K	366979 +150 Hz
2023-06-08	Thursday	23:00	151°	+20°	0 dB	0°	151°	+20°	275°	-18°	2.5dB	306°K	367021 +119 Hz
2023-06-08	Thursday	23:30	158°	+22°	0 dB	0°	158°	+22°	282°	-18°	2.4dB	305°K	367063 +87 Hz
2023-06-09	Friday	00:00	166°	+24°	0 dB	0°	166°	+24°	289°	-18°	2.4dB	304°K	367106 +52 Hz
2023-06-09	Friday	00:30	173°	+25°	0 dB	0°	173°	+25°	296°	-18°	2.4dB	303°K	367149 +16 Hz
2023-06-09	Friday	01:00	181°	+25°	0 dB	0°	181°	+25°	304°	-18°	2.4dB	302°K	367193 -21 Hz
2023-06-09	Friday	01:30	188°	+25°	0 dB	0°	188°	+25°	311°	-18°	2.4dB	301°K	367236 -58 Hz
2023-06-09	Friday	02:00	196°	+24°	0 dB	0°	196°	+24°	318°	-18°	2.4dB	299°K	367280 -94 Hz
2023-06-09	Friday	02:30	203°	+22°	0 dB	0°	203°	+22°	325°	-18°	2.4dB	298°K	367325 -129 Hz
2023-06-09	Friday	03:00	210°	+20°	0 dB	0°	210°	+20°	333°	-17°	2.4dB	297°K	367370 -161 Hz
2023-06-09	Friday	03:30	217°	+17°	0 dB	0°	217°	+17°	340°	-17°	2.4dB	296°K	367415 -192 Hz
2023-06-09	Friday	04:00	224°	+14°	0 dB	0°	224°	+14°	347°	-17°	2.3dB	294°K	367460 -220 Hz
2023-06-09	Friday	04:30	230°	+11°	0 dB	0°	230°	+11°	354°	-17°	2.3dB	292°K	367506 -244 Hz
2023-06-09	Friday	05:00	235°	+7°	0 dB	0°	235°	+7°	2°	-17°	2.3dB	290°K	367552 -264 Hz
2023-06-09	Friday	05:30	241°	+3°	0 dB	0°	241°	+3°	9°	-17°	2.3dB	288°K	367598 -281 Hz
2023-06-09	Friday	21:00	114°	+3°	0 dB	0°	114°	+3°	233°	-13°	1.7dB	243°K	369178 +250 Hz
2023-06-09	Friday	21:30	119°	+8°	0 dB	0°	119°	+8°	240°	-13°	1.7dB	243°K	369233 +237 Hz
2023-06-09	Friday	22:00	125°	+12°	0 dB	0°	125°	+12°	248°	-13°	1.7dB	243°K	369288 +219 Hz
2023-06-09	Friday	22:30	131°	+16°	0 dB	0°	131°	+16°	255°	-13°	1.7dB	243°K	369344 +197 Hz
2023-06-09	Friday	23:00	137°	+20°	0 dB	0°	137°	+20°	262°	-13°	1.7dB	243°K	369400 +171 Hz
2023-06-09	Friday	23:30	144°	+23°	0 dB	0°	144°	+23°	269°	-13°	1.7dB	243°K	369456 +141 Hz
2023-06-10	Saturday	00:00	151°	+26°	0 dB	0°	151°	+26°	277°	-12°	1.7dB	243°K	369512 +109 Hz
2023-06-10	Saturday	00:30	159°	+28°	0 dB	0°	159°	+28°	284°	-12°	1.8dB	243°K	369569 +74 Hz
2023-06-10	Saturday	01:00	166°	+30°	0 dB	0°	166°	+30°	291°	-12°	1.8dB	243°K	369626 +38 Hz
2023-06-10	Saturday	01:30	175°	+31°	0 dB	0°	175°	+31°	298°	-12°	1.8dB	243°K	369683 0 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-06-10	Saturday	02:00	183°	+31°	0 dB	0°	183°	+31°	306°	-12°	1.8dB	243°K	369740	-38 Hz
2023-06-10	Saturday	02:30	191°	+31°	0 dB	0°	191°	+31°	313°	-12°	1.8dB	243°K	369797	-76 Hz
2023-06-10	Saturday	03:00	200°	+29°	0 dB	0°	200°	+29°	320°	-12°	1.8dB	243°K	369855	-113 Hz
2023-06-10	Saturday	03:30	207°	+28°	0 dB	0°	207°	+28°	327°	-12°	1.8dB	243°K	369913	-149 Hz
2023-06-10	Saturday	04:00	215°	+25°	0 dB	0°	215°	+25°	335°	-11°	1.8dB	243°K	369971	-182 Hz
2023-06-10	Saturday	04:30	222°	+22°	0 dB	0°	222°	+22°	342°	-11°	1.8dB	243°K	370030	-213 Hz
2023-06-10	Saturday	05:00	229°	+19°	0 dB	0°	229°	+19°	349°	-11°	1.8dB	243°K	370088	-240 Hz
2023-06-10	Saturday	05:30	235°	+15°	0 dB	0°	235°	+15°	356°	-11°	1.8dB	243°K	370147	-264 Hz
2023-06-10	Saturday	06:00	241°	+10°	0 dB	0°	241°	+10°	4°	-11°	1.8dB	243°K	370206	-284 Hz
2023-06-10	Saturday	06:30	247°	+6°	0 dB	0°	247°	+6°	11°	-11°	1.8dB	243°K	370265	-300 Hz
2023-06-10	Saturday	07:00	252°	+1°	0 dB	0°	252°	+1°	18°	-11°	1.8dB	243°K	370324	-311 Hz
2023-06-10	Saturday	21:00	101°	-0°	0 dB	0°	101°	-0°	221°	-7°	1.8dB	239°K	372061	+266 Hz
2023-06-10	Saturday	21:30	106°	+5°	0 dB	0°	106°	+5°	229°	-7°	1.8dB	239°K	372126	+259 Hz
2023-06-10	Saturday	22:00	111°	+10°	0 dB	0°	111°	+10°	236°	-7°	1.8dB	239°K	372190	+248 Hz
2023-06-10	Saturday	22:30	117°	+14°	0 dB	0°	117°	+14°	243°	-7°	1.8dB	239°K	372255	+233 Hz
2023-06-10	Saturday	23:00	123°	+19°	0 dB	0°	123°	+19°	250°	-6°	1.8dB	239°K	372320	+212 Hz
2023-06-10	Saturday	23:30	129°	+23°	0 dB	0°	129°	+23°	258°	-6°	1.8dB	239°K	372385	+188 Hz
2023-06-11	Sunday	00:00	136°	+27°	0 dB	0°	136°	+27°	265°	-6°	1.8dB	239°K	372450	+160 Hz
2023-06-11	Sunday	00:30	143°	+30°	0 dB	0°	143°	+30°	272°	-6°	1.8dB	239°K	372515	+129 Hz
2023-06-11	Sunday	01:00	151°	+33°	0 dB	0°	151°	+33°	279°	-6°	1.8dB	239°K	372581	+94 Hz
2023-06-11	Sunday	01:30	160°	+35°	0 dB	0°	160°	+35°	287°	-6°	1.8dB	239°K	372646	+58 Hz
2023-06-11	Sunday	02:00	169°	+37°	0 dB	0°	169°	+37°	294°	-6°	1.8dB	239°K	372712	+20 Hz
2023-06-11	Sunday	02:30	178°	+38°	0 dB	0°	178°	+38°	301°	-5°	1.8dB	239°K	372778	-19 Hz
2023-06-11	Sunday	03:00	187°	+38°	0 dB	0°	187°	+38°	308°	-5°	1.8dB	239°K	372844	-58 Hz
2023-06-11	Sunday	03:30	196°	+37°	0 dB	0°	196°	+37°	316°	-5°	1.9dB	239°K	372910	-96 Hz
2023-06-11	Sunday	04:00	205°	+35°	0 dB	0°	205°	+35°	323°	-5°	1.9dB	239°K	372976	-134 Hz
2023-06-11	Sunday	04:30	213°	+33°	0 dB	0°	213°	+33°	330°	-5°	1.9dB	239°K	373042	-170 Hz
2023-06-11	Sunday	05:00	221°	+30°	0 dB	0°	221°	+30°	337°	-5°	1.9dB	239°K	373109	-203 Hz
2023-06-11	Sunday	05:30	228°	+26°	0 dB	0°	228°	+26°	345°	-5°	1.9dB	239°K	373175	-233 Hz
2023-06-11	Sunday	06:00	235°	+23°	0 dB	0°	235°	+23°	352°	-5°	1.9dB	239°K	373242	-260 Hz
2023-06-11	Sunday	06:30	241°	+18°	0 dB	0°	241°	+18°	359°	-4°	1.9dB	239°K	373309	-282 Hz
2023-06-11	Sunday	07:00	247°	+14°	0 dB	0°	247°	+14°	7°	-4°	1.9dB	239°K	373376	-301 Hz
2023-06-11	Sunday	07:30	253°	+9°	0 dB	0°	253°	+9°	14°	-4°	1.9dB	239°K	373443	-315 Hz
2023-06-11	Sunday	08:00	259°	+4°	0 dB	0°	259°	+4°	21°	-4°	1.9dB	239°K	373510	-324 Hz
2023-06-11	Sunday	21:30	093°	+2°	0 dB	0°	093°	+2°	217°	-0°	2.2dB	255°K	375361	+268 Hz
2023-06-11	Sunday	22:00	098°	+7°	0 dB	0°	098°	+7°	224°	-0°	2.2dB	256°K	375431	+264 Hz
2023-06-11	Sunday	22:30	104°	+12°	0 dB	0°	104°	+12°	232°	-0°	2.2dB	256°K	375501	+256 Hz
2023-06-11	Sunday	23:00	109°	+17°	0 dB	0°	109°	+17°	239°	+0°	2.2dB	257°K	375571	+242 Hz
2023-06-11	Sunday	23:30	115°	+22°	0 dB	0°	115°	+22°	246°	+0°	2.2dB	258°K	375641	+224 Hz
2023-06-12	Monday	00:00	121°	+26°	0 dB	0°	121°	+26°	254°	+0°	2.2dB	258°K	375711	+202 Hz
2023-06-12	Monday	00:30	128°	+30°	0 dB	0°	128°	+30°	261°	+0°	2.3dB	259°K	375781	+175 Hz
2023-06-12	Monday	01:00	136°	+34°	0 dB	0°	136°	+34°	268°	+1°	2.3dB	259°K	375852	+145 Hz
2023-06-12	Monday	01:30	144°	+38°	0 dB	0°	144°	+38°	275°	+1°	2.3dB	260°K	375922	+112 Hz
2023-06-12	Monday	02:00	152°	+41°	0 dB	0°	152°	+41°	283°	+1°	2.3dB	261°K	375992	+76 Hz
2023-06-12	Monday	02:30	162°	+43°	0 dB	0°	162°	+43°	290°	+1°	2.3dB	261°K	376063	+39 Hz
2023-06-12	Monday	03:00	172°	+44°	0 dB	0°	172°	+44°	297°	+1°	2.3dB	262°K	376133	0 Hz
2023-06-12	Monday	03:30	182°	+45°	0 dB	0°	182°	+45°	304°	+1°	2.3dB	262°K	376204	-40 Hz
2023-06-12	Monday	04:00	192°	+44°	0 dB	0°	192°	+44°	312°	+1°	2.3dB	263°K	376275	-79 Hz
2023-06-12	Monday	04:30	202°	+43°	0 dB	0°	202°	+43°	319°	+1°	2.4dB	264°K	376345	-117 Hz
2023-06-12	Monday	05:00	212°	+40°	0 dB	0°	212°	+40°	326°	+2°	2.4dB	264°K	376416	-154 Hz
2023-06-12	Monday	05:30	220°	+38°	0 dB	0°	220°	+38°	333°	+2°	2.4dB	265°K	376487	-189 Hz
2023-06-12	Monday	06:00	228°	+34°	0 dB	0°	228°	+34°	341°	+2°	2.4dB	265°K	376558	-221 Hz
2023-06-12	Monday	06:30	236°	+30°	0 dB	0°	236°	+30°	348°	+2°	2.4dB	266°K	376629	-250 Hz
2023-06-12	Monday	07:00	242°	+26°	0 dB	0°	242°	+26°	355°	+2°	2.4dB	266°K	376700	-275 Hz
2023-06-12	Monday	07:30	249°	+21°	0 dB	0°	249°	+21°	3°	+2°	2.4dB	267°K	376771	-296 Hz
2023-06-12	Monday	08:00	255°	+17°	0 dB	0°	255°	+17°	10°	+2°	2.4dB	268°K	376842	-312 Hz
2023-06-12	Monday	08:30	260°	+12°	0 dB	0°	260°	+12°	17°	+3°	2.4dB	268°K	376913	-324 Hz
2023-06-12	Monday	09:00	266°	+7°	0 dB	0°	266°	+7°	24°	+3°	2.5dB	269°K	376984	-331 Hz
2023-06-12	Monday	09:30	271°	+2°	0 dB	0°	271°	+2°	32°	+3°	2.5dB	269°K	377056	-333 Hz
2023-06-12	Monday	22:00	086°	+4°	0 dB	0°	086°	+4°	213°	+6°	2.7dB	284°K	378853	+266 Hz
2023-06-12	Monday	22:30	091°	+9°	0 dB	0°	091°	+9°	221°	+6°	2.8dB	285°K	378925	+265 Hz
2023-06-12	Monday	23:00	096°	+14°	0 dB	0°	096°	+14°	228°	+6°	2.8dB	285°K	378998	+259 Hz
2023-06-12	Monday	23:30	102°	+19°	0 dB	0°	102°	+19°	235°	+6°	2.8dB	286°K	379070	+247 Hz
2023-06-13	Tuesday	00:00	107°	+24°	0 dB	0°	107°	+24°	242°	+7°	2.8dB	286°K	379142	+232 Hz
2023-06-13	Tuesday	00:30	113°	+29°	0 dB	0°	113°	+29°	250°	+7°	2.8dB	287°K	379215	+211 Hz
2023-06-13	Tuesday	01:00	120°	+34°	0 dB	0°	120°	+34°	257°	+7°	2.8dB	287°K	379288	+187 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-13	Tuesday	01:30	127°	+38°	0 dB	0°	127°	+38°	264°	+7°	2.8dB	288°K	379360 +159 Hz
2023-06-13	Tuesday	02:00	135°	+42°	0 dB	0°	135°	+42°	272°	+7°	2.8dB	289°K	379433 +127 Hz
2023-06-13	Tuesday	02:30	144°	+45°	0 dB	0°	144°	+45°	279°	+7°	2.8dB	289°K	379505 +93 Hz
2023-06-13	Tuesday	03:00	154°	+48°	0 dB	0°	154°	+48°	286°	+7°	2.8dB	290°K	379578 +56 Hz
2023-06-13	Tuesday	03:30	165°	+50°	0 dB	0°	165°	+50°	293°	+7°	2.8dB	290°K	379651 +18 Hz
2023-06-13	Tuesday	04:00	176°	+51°	0 dB	0°	176°	+51°	301°	+8°	2.9dB	291°K	379723 -21 Hz
2023-06-13	Tuesday	04:30	188°	+51°	0 dB	0°	188°	+51°	308°	+8°	2.9dB	292°K	379796 -60 Hz
2023-06-13	Tuesday	05:00	199°	+50°	0 dB	0°	199°	+50°	315°	+8°	2.9dB	292°K	379869 -99 Hz
2023-06-13	Tuesday	05:30	210°	+48°	0 dB	0°	210°	+48°	322°	+8°	2.9dB	293°K	379941 -136 Hz
2023-06-13	Tuesday	06:00	220°	+45°	0 dB	0°	220°	+45°	330°	+8°	2.9dB	293°K	380014 -172 Hz
2023-06-13	Tuesday	06:30	228°	+42°	0 dB	0°	228°	+42°	337°	+8°	2.9dB	294°K	380087 -205 Hz
2023-06-13	Tuesday	07:00	236°	+38°	0 dB	0°	236°	+38°	344°	+8°	2.9dB	294°K	380160 -236 Hz
2023-06-13	Tuesday	07:30	243°	+33°	0 dB	0°	243°	+33°	351°	+8°	2.9dB	295°K	380233 -262 Hz
2023-06-13	Tuesday	08:00	250°	+29°	0 dB	0°	250°	+29°	359°	+9°	2.9dB	295°K	380306 -285 Hz
2023-06-13	Tuesday	08:30	256°	+24°	0 dB	0°	256°	+24°	6°	+9°	3.0dB	296°K	380378 -304 Hz
2023-06-13	Tuesday	09:00	262°	+19°	0 dB	0°	262°	+19°	13°	+9°	3.0dB	296°K	380451 -318 Hz
2023-06-13	Tuesday	09:30	267°	+14°	0 dB	0°	267°	+14°	21°	+9°	3.0dB	296°K	380524 -327 Hz
2023-06-13	Tuesday	10:00	273°	+9°	0 dB	0°	273°	+9°	28°	+9°	3.0dB	297°K	380597 -331 Hz
2023-06-13	Tuesday	10:30	278°	+4°	0 dB	0°	278°	+4°	35°	+9°	3.0dB	297°K	380670 -331 Hz
2023-06-13	Tuesday	22:00	074°	+0°	0 dB	0°	074°	+0°	202°	+12°	3.1dB	304°K	382352 +254 Hz
2023-06-13	Tuesday	22:30	079°	+5°	0 dB	0°	079°	+5°	209°	+12°	3.1dB	304°K	382425 +260 Hz
2023-06-13	Tuesday	23:00	084°	+10°	0 dB	0°	084°	+10°	217°	+12°	3.2dB	306°K	382498 +261 Hz
2023-06-13	Tuesday	23:30	089°	+16°	0 dB	0°	089°	+16°	224°	+12°	3.2dB	307°K	382571 +257 Hz
2023-06-14	Wednesday	00:00	094°	+21°	0 dB	0°	094°	+21°	231°	+13°	3.2dB	309°K	382645 +249 Hz
2023-06-14	Wednesday	00:30	100°	+26°	0 dB	0°	100°	+26°	238°	+13°	3.2dB	310°K	382718 +235 Hz
2023-06-14	Wednesday	01:00	105°	+31°	0 dB	0°	105°	+31°	246°	+13°	3.3dB	312°K	382791 +218 Hz
2023-06-14	Wednesday	01:30	112°	+36°	0 dB	0°	112°	+36°	253°	+13°	3.3dB	313°K	382864 +196 Hz
2023-06-14	Wednesday	02:00	119°	+41°	0 dB	0°	119°	+41°	260°	+13°	3.3dB	315°K	382938 +170 Hz
2023-06-14	Wednesday	02:30	126°	+45°	0 dB	0°	126°	+45°	268°	+13°	3.3dB	316°K	383011 +140 Hz
2023-06-14	Wednesday	03:00	135°	+49°	0 dB	0°	135°	+49°	275°	+13°	3.3dB	318°K	383084 +108 Hz
2023-06-14	Wednesday	03:30	145°	+52°	0 dB	0°	145°	+52°	282°	+13°	3.4dB	319°K	383158 +73 Hz
2023-06-14	Wednesday	04:00	156°	+55°	0 dB	0°	156°	+55°	289°	+13°	3.4dB	321°K	383231 +36 Hz
2023-06-14	Wednesday	04:30	168°	+57°	0 dB	0°	168°	+57°	297°	+14°	3.4dB	322°K	383304 -1 Hz
2023-06-14	Wednesday	05:00	182°	+57°	0 dB	0°	182°	+57°	304°	+14°	3.4dB	324°K	383377 -40 Hz
2023-06-14	Wednesday	05:30	195°	+57°	0 dB	0°	195°	+57°	311°	+14°	3.4dB	325°K	383451 -78 Hz
2023-06-14	Wednesday	06:00	207°	+55°	0 dB	0°	207°	+55°	318°	+14°	3.5dB	327°K	383524 -116 Hz
2023-06-14	Wednesday	06:30	218°	+52°	0 dB	0°	218°	+52°	326°	+14°	3.5dB	328°K	383597 -152 Hz
2023-06-14	Wednesday	07:00	228°	+49°	0 dB	0°	228°	+49°	333°	+14°	3.5dB	330°K	383670 -186 Hz
2023-06-14	Wednesday	07:30	237°	+45°	0 dB	0°	237°	+45°	340°	+14°	3.5dB	331°K	383744 -217 Hz
2023-06-14	Wednesday	08:00	244°	+40°	0 dB	0°	244°	+40°	347°	+14°	3.5dB	333°K	383817 -245 Hz
2023-06-14	Wednesday	08:30	251°	+36°	0 dB	0°	251°	+36°	355°	+14°	3.6dB	334°K	383890 -270 Hz
2023-06-14	Wednesday	09:00	257°	+31°	0 dB	0°	257°	+31°	2°	+15°	3.6dB	336°K	383963 -290 Hz
2023-06-14	Wednesday	09:30	263°	+26°	0 dB	0°	263°	+26°	9°	+15°	3.6dB	337°K	384037 -306 Hz
2023-06-14	Wednesday	10:00	269°	+21°	0 dB	0°	269°	+21°	16°	+15°	3.6dB	339°K	384110 -318 Hz
2023-06-14	Wednesday	10:30	274°	+16°	0 dB	0°	274°	+16°	24°	+15°	3.6dB	340°K	384183 -325 Hz
2023-06-14	Wednesday	11:00	279°	+11°	0 dB	0°	279°	+11°	31°	+15°	3.7dB	342°K	384256 -327 Hz
2023-06-14	Wednesday	11:30	284°	+6°	0 dB	0°	284°	+6°	38°	+15°	3.7dB	343°K	384330 -324 Hz
2023-06-14	Wednesday	12:00	289°	+2°	0 dB	0°	289°	+2°	46°	+15°	3.7dB	345°K	384403 -317 Hz
2023-06-14	Wednesday	22:30	067°	+2°	0 dB	0°	067°	+2°	198°	+17°	3.9dB	362°K	385939 +242 Hz
2023-06-14	Wednesday	23:00	072°	+6°	0 dB	0°	072°	+6°	205°	+18°	4.0dB	363°K	386012 +250 Hz
2023-06-14	Wednesday	23:30	077°	+11°	0 dB	0°	077°	+11°	212°	+18°	4.0dB	364°K	386085 +253 Hz
2023-06-15	Thursday	00:00	082°	+16°	0 dB	0°	082°	+16°	220°	+18°	4.0dB	364°K	386158 +252 Hz
2023-06-15	Thursday	00:30	087°	+21°	0 dB	0°	087°	+21°	227°	+18°	4.0dB	365°K	386231 +247 Hz
2023-06-15	Thursday	01:00	092°	+27°	0 dB	0°	092°	+27°	234°	+18°	4.0dB	366°K	386304 +236 Hz
2023-06-15	Thursday	01:30	098°	+32°	0 dB	0°	098°	+32°	241°	+18°	4.0dB	367°K	386377 +221 Hz
2023-06-15	Thursday	02:00	103°	+37°	0 dB	0°	103°	+37°	249°	+18°	4.0dB	367°K	386450 +202 Hz
2023-06-15	Thursday	02:30	110°	+42°	0 dB	0°	110°	+42°	256°	+18°	4.0dB	368°K	386523 +179 Hz
2023-06-15	Thursday	03:00	117°	+47°	0 dB	0°	117°	+47°	263°	+18°	4.0dB	369°K	386596 +153 Hz
2023-06-15	Thursday	03:30	125°	+51°	0 dB	0°	125°	+51°	270°	+18°	4.0dB	369°K	386669 +123 Hz
2023-06-15	Thursday	04:00	134°	+55°	0 dB	0°	134°	+55°	278°	+19°	4.0dB	368°K	386742 +90 Hz
2023-06-15	Thursday	04:30	145°	+58°	0 dB	0°	145°	+58°	285°	+19°	4.0dB	367°K	386815 +55 Hz
2023-06-15	Thursday	05:00	158°	+61°	0 dB	0°	158°	+61°	292°	+19°	4.0dB	366°K	386888 +19 Hz
2023-06-15	Thursday	05:30	173°	+62°	0 dB	0°	173°	+62°	299°	+19°	4.0dB	366°K	386961 -18 Hz
2023-06-15	Thursday	06:00	188°	+62°	0 dB	0°	188°	+62°	307°	+19°	4.0dB	365°K	387034 -56 Hz
2023-06-15	Thursday	06:30	202°	+61°	0 dB	0°	202°	+61°	314°	+19°	4.0dB	364°K	387107 -93 Hz
2023-06-15	Thursday	07:00	215°	+59°	0 dB	0°	215°	+59°	321°	+19°	4.0dB	363°K	387179 -129 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-15	Thursday	07:30	227°	+55°	0 dB	0°	227°	+55°	329°	+19°	4.0dB	363°K	387252 -163 Hz
2023-06-15	Thursday	08:00	236°	+52°	0 dB	0°	236°	+52°	336°	+19°	4.0dB	362°K	387325 -195 Hz
2023-06-15	Thursday	08:30	245°	+47°	0 dB	0°	245°	+47°	343°	+19°	4.0dB	361°K	387398 -224 Hz
2023-06-15	Thursday	09:00	252°	+43°	0 dB	0°	252°	+43°	350°	+20°	4.0dB	360°K	387470 -250 Hz
2023-06-15	Thursday	09:30	258°	+38°	0 dB	0°	258°	+38°	358°	+20°	4.0dB	359°K	387543 -272 Hz
2023-06-15	Thursday	10:00	264°	+33°	0 dB	0°	264°	+33°	5°	+20°	4.0dB	359°K	387616 -291 Hz
2023-06-15	Thursday	10:30	270°	+28°	0 dB	0°	270°	+28°	12°	+20°	4.0dB	358°K	387689 -305 Hz
2023-06-15	Thursday	11:00	275°	+23°	0 dB	0°	275°	+23°	19°	+20°	4.0dB	357°K	387761 -314 Hz
2023-06-15	Thursday	11:30	280°	+18°	0 dB	0°	280°	+18°	27°	+20°	4.0dB	356°K	387834 -319 Hz
2023-06-15	Thursday	12:00	285°	+13°	0 dB	0°	285°	+13°	34°	+20°	4.0dB	355°K	387906 -319 Hz
2023-06-15	Thursday	12:30	290°	+8°	0 dB	0°	290°	+8°	41°	+20°	4.0dB	355°K	387979 -315 Hz
2023-06-15	Thursday	13:00	295°	+4°	0 dB	0°	295°	+4°	48°	+20°	4.0dB	354°K	388052 -306 Hz
2023-06-15	Thursday	23:00	061°	+2°	0 dB	0°	061°	+2°	193°	+22°	4.1dB	357°K	389498 +227 Hz
2023-06-15	Thursday	23:30	066°	+7°	0 dB	0°	066°	+7°	200°	+22°	4.1dB	358°K	389570 +237 Hz
2023-06-16	Fri day	00:00	071°	+11°	0 dB	0°	071°	+11°	208°	+22°	4.1dB	359°K	389642 +243 Hz
2023-06-16	Fri day	00:30	075°	+16°	0 dB	0°	075°	+16°	215°	+22°	4.1dB	359°K	389714 +245 Hz
2023-06-16	Fri day	01:00	080°	+21°	0 dB	0°	080°	+21°	222°	+22°	4.1dB	360°K	389785 +243 Hz
2023-06-16	Fri day	01:30	085°	+26°	0 dB	0°	085°	+26°	229°	+22°	4.1dB	361°K	389857 +236 Hz
2023-06-16	Fri day	02:00	090°	+31°	0 dB	0°	090°	+31°	237°	+22°	4.1dB	362°K	389929 +224 Hz
2023-06-16	Fri day	02:30	095°	+37°	0 dB	0°	095°	+37°	244°	+23°	4.1dB	363°K	390001 +208 Hz
2023-06-16	Fri day	03:00	101°	+42°	0 dB	0°	101°	+42°	251°	+23°	4.1dB	363°K	390073 +188 Hz
2023-06-16	Fri day	03:30	108°	+47°	0 dB	0°	108°	+47°	258°	+23°	4.2dB	364°K	390144 +165 Hz
2023-06-16	Fri day	04:00	115°	+51°	0 dB	0°	115°	+51°	266°	+23°	4.2dB	365°K	390216 +138 Hz
2023-06-16	Fri day	04:30	123°	+56°	0 dB	0°	123°	+56°	273°	+23°	4.2dB	366°K	390288 +108 Hz
2023-06-16	Fri day	05:00	134°	+60°	0 dB	0°	134°	+60°	280°	+23°	4.2dB	367°K	390359 +75 Hz
2023-06-16	Fri day	05:30	146°	+63°	0 dB	0°	146°	+63°	287°	+23°	4.2dB	367°K	390431 +41 Hz
2023-06-16	Fri day	06:00	161°	+66°	0 dB	0°	161°	+66°	295°	+23°	4.2dB	368°K	390502 +6 Hz
2023-06-16	Fri day	06:30	177°	+67°	0 dB	0°	177°	+67°	302°	+23°	4.2dB	369°K	390574 -31 Hz
2023-06-16	Fri day	07:00	194°	+66°	0 dB	0°	194°	+66°	309°	+23°	4.2dB	370°K	390645 -67 Hz
2023-06-16	Fri day	07:30	210°	+64°	0 dB	0°	210°	+64°	316°	+23°	4.2dB	371°K	390717 -103 Hz
2023-06-16	Fri day	08:00	223°	+61°	0 dB	0°	223°	+61°	324°	+23°	4.3dB	372°K	390788 -137 Hz
2023-06-16	Fri day	08:30	234°	+58°	0 dB	0°	234°	+58°	331°	+23°	4.3dB	373°K	390859 -170 Hz
2023-06-16	Fri day	09:00	243°	+53°	0 dB	0°	243°	+53°	338°	+23°	4.3dB	375°K	390931 -200 Hz
2023-06-16	Fri day	09:30	251°	+49°	0 dB	0°	251°	+49°	345°	+24°	4.3dB	376°K	391002 -227 Hz
2023-06-16	Fri day	10:00	258°	+44°	0 dB	0°	258°	+44°	353°	+24°	4.3dB	377°K	391073 -252 Hz
2023-06-16	Fri day	10:30	264°	+39°	0 dB	0°	264°	+39°	360°	+24°	4.3dB	378°K	391144 -272 Hz
2023-06-16	Fri day	11:00	269°	+34°	0 dB	0°	269°	+34°	7°	+24°	4.4dB	379°K	391215 -288 Hz
2023-06-16	Fri day	11:30	275°	+29°	0 dB	0°	275°	+29°	14°	+24°	4.4dB	380°K	391286 -301 Hz
2023-06-16	Fri day	12:00	280°	+24°	0 dB	0°	280°	+24°	22°	+24°	4.4dB	381°K	391357 -309 Hz
2023-06-16	Fri day	12:30	284°	+19°	0 dB	0°	284°	+19°	29°	+24°	4.4dB	383°K	391428 -312 Hz
2023-06-16	Fri day	13:00	289°	+14°	0 dB	0°	289°	+14°	36°	+24°	4.4dB	384°K	391499 -311 Hz
2023-06-16	Fri day	13:30	294°	+10°	0 dB	0°	294°	+10°	43°	+24°	4.4dB	385°K	391570 -306 Hz
2023-06-16	Fri day	14:00	299°	+5°	0 dB	0°	299°	+5°	50°	+24°	4.4dB	386°K	391641 -296 Hz
2023-06-16	Fri day	14:30	304°	+1°	0 dB	0°	304°	+1°	58°	+24°	4.5dB	387°K	391712 -283 Hz
2023-06-16	Fri day	23:30	055°	+1°	0 dB	0°	055°	+1°	188°	+25°	4.7dB	409°K	392976 +210 Hz
2023-06-17	Saturday	00:00	060°	+6°	0 dB	0°	060°	+6°	195°	+25°	4.7dB	410°K	393046 +224 Hz
2023-06-17	Saturday	00:30	065°	+10°	0 dB	0°	065°	+10°	202°	+25°	4.8dB	412°K	393116 +233 Hz
2023-06-17	Saturday	01:00	070°	+15°	0 dB	0°	070°	+15°	210°	+25°	4.8dB	413°K	393185 +238 Hz
2023-06-17	Saturday	01:30	074°	+20°	0 dB	0°	074°	+20°	217°	+26°	4.8dB	414°K	393255 +238 Hz
2023-06-17	Saturday	02:00	079°	+25°	0 dB	0°	079°	+25°	224°	+26°	4.8dB	416°K	393324 +235 Hz
2023-06-17	Saturday	02:30	084°	+30°	0 dB	0°	084°	+30°	231°	+26°	4.8dB	417°K	393393 +227 Hz
2023-06-17	Saturday	03:00	089°	+35°	0 dB	0°	089°	+35°	239°	+26°	4.8dB	418°K	393463 +214 Hz
2023-06-17	Saturday	03:30	094°	+40°	0 dB	0°	094°	+40°	246°	+26°	4.8dB	420°K	393532 +198 Hz
2023-06-17	Saturday	04:00	099°	+45°	0 dB	0°	099°	+45°	253°	+26°	4.9dB	421°K	393601 +177 Hz
2023-06-17	Saturday	04:30	106°	+50°	0 dB	0°	106°	+50°	260°	+26°	4.9dB	422°K	393670 +154 Hz
2023-06-17	Saturday	05:00	113°	+55°	0 dB	0°	113°	+55°	268°	+26°	4.9dB	424°K	393739 +126 Hz
2023-06-17	Saturday	05:30	122°	+59°	0 dB	0°	122°	+59°	275°	+26°	4.9dB	425°K	393808 +97 Hz
2023-06-17	Saturday	06:00	133°	+64°	0 dB	0°	133°	+64°	282°	+26°	4.9dB	426°K	393877 +65 Hz
2023-06-17	Saturday	06:30	147°	+67°	0 dB	0°	147°	+67°	289°	+26°	4.9dB	428°K	393946 +31 Hz
2023-06-17	Saturday	07:00	163°	+69°	0 dB	0°	163°	+69°	296°	+26°	4.9dB	429°K	394014 -4 Hz
2023-06-17	Saturday	07:30	182°	+70°	0 dB	0°	182°	+70°	304°	+26°	5.0dB	430°K	394083 -39 Hz
2023-06-17	Saturday	08:00	200°	+69°	0 dB	0°	200°	+69°	311°	+26°	5.0dB	432°K	394151 -74 Hz
2023-06-17	Saturday	08:30	217°	+66°	0 dB	0°	217°	+66°	318°	+26°	5.0dB	433°K	394220 -109 Hz
2023-06-17	Saturday	09:00	230°	+63°	0 dB	0°	230°	+63°	325°	+26°	5.0dB	434°K	394288 -142 Hz
2023-06-17	Saturday	09:30	240°	+59°	0 dB	0°	240°	+59°	333°	+26°	5.0dB	437°K	394357 -173 Hz
2023-06-17	Saturday	10:00	249°	+54°	0 dB	0°	249°	+54°	340°	+26°	5.0dB	439°K	394425 -202 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-17	Saturday	10:30	256°	+49°	0 dB	0°	256°	+49°	347°	+26°	5.1dB	442°K	394493 -228 Hz
2023-06-17	Saturday	11:00	262°	+44°	0 dB	0°	262°	+44°	354°	+26°	5.1dB	444°K	394561 -251 Hz
2023-06-17	Saturday	11:30	268°	+39°	0 dB	0°	268°	+39°	2°	+26°	5.1dB	447°K	394629 -270 Hz
2023-06-17	Saturday	12:00	273°	+34°	0 dB	0°	273°	+34°	9°	+27°	5.1dB	449°K	394697 -285 Hz
2023-06-17	Saturday	12:30	278°	+29°	0 dB	0°	278°	+29°	16°	+27°	5.2dB	452°K	394765 -296 Hz
2023-06-17	Saturday	13:00	283°	+24°	0 dB	0°	283°	+24°	23°	+27°	5.2dB	454°K	394832 -303 Hz
2023-06-17	Saturday	13:30	288°	+20°	0 dB	0°	288°	+20°	31°	+27°	5.2dB	457°K	394900 -306 Hz
2023-06-17	Saturday	14:00	292°	+15°	0 dB	0°	292°	+15°	38°	+27°	5.2dB	SUN!	394968 -304 Hz
2023-06-17	Saturday	14:30	297°	+10°	0 dB	0°	297°	+10°	45°	+27°	5.3dB	SUN!	395035 -298 Hz
2023-06-17	Saturday	15:00	302°	+6°	0 dB	0°	302°	+6°	52°	+27°	5.3dB	SUN!	395102 -287 Hz
2023-06-17	Saturday	15:30	307°	+2°	0 dB	0°	307°	+2°	59°	+27°	5.3dB	SUN!	395170 -273 Hz
2023-06-18	Sunday	00:00	050°	-0°	0 dB	0°	050°	-0°	182°	+27°	5.6dB	SUN!	396298 +195 Hz
2023-06-18	Sunday	00:30	055°	+4°	0 dB	0°	055°	+4°	190°	+27°	5.6dB	SUN!	396363 +210 Hz
2023-06-18	Sunday	01:00	060°	+8°	0 dB	0°	060°	+8°	197°	+27°	5.6dB	SUN!	396429 +223 Hz
2023-06-18	Sunday	01:30	064°	+13°	0 dB	0°	064°	+13°	204°	+27°	5.6dB	SUN!	396494 +231 Hz
2023-06-18	Sunday	02:00	069°	+17°	0 dB	0°	069°	+17°	211°	+27°	5.6dB	SUN!	396559 +235 Hz
2023-06-18	Sunday	02:30	074°	+22°	0 dB	0°	074°	+22°	219°	+27°	5.6dB	SUN!	396624 +235 Hz
2023-06-18	Sunday	03:00	078°	+27°	0 dB	0°	078°	+27°	226°	+27°	5.6dB	SUN!	396689 +230 Hz
2023-06-18	Sunday	03:30	083°	+32°	0 dB	0°	083°	+32°	233°	+27°	5.7dB	SUN!	396753 +222 Hz
2023-06-18	Sunday	04:00	088°	+37°	0 dB	0°	088°	+37°	240°	+27°	5.7dB	SUN!	396818 +209 Hz
2023-06-18	Sunday	04:30	093°	+42°	0 dB	0°	093°	+42°	247°	+28°	5.7dB	SUN!	396883 +192 Hz
2023-06-18	Sunday	05:00	099°	+47°	0 dB	0°	099°	+47°	255°	+28°	5.7dB	SUN!	396947 +171 Hz
2023-06-18	Sunday	05:30	105°	+52°	0 dB	0°	105°	+52°	262°	+28°	5.7dB	SUN!	397011 +147 Hz
2023-06-18	Sunday	06:00	113°	+57°	0 dB	0°	113°	+57°	269°	+28°	5.7dB	SUN!	397075 +120 Hz
2023-06-18	Sunday	06:30	122°	+62°	0 dB	0°	122°	+62°	276°	+28°	5.7dB	SUN!	397139 +90 Hz
2023-06-18	Sunday	07:00	133°	+66°	0 dB	0°	133°	+66°	284°	+28°	5.7dB	SUN!	397203 +58 Hz
2023-06-18	Sunday	07:30	148°	+69°	0 dB	0°	148°	+69°	291°	+28°	5.7dB	SUN!	397267 +25 Hz
2023-06-18	Sunday	08:00	166°	+71°	0 dB	0°	166°	+71°	298°	+28°	5.7dB	SUN!	397330 -10 Hz
2023-06-18	Sunday	08:30	186°	+71°	0 dB	0°	186°	+71°	305°	+28°	5.7dB	SUN!	397394 -44 Hz
2023-06-18	Sunday	09:00	206°	+70°	0 dB	0°	206°	+70°	312°	+28°	5.7dB	SUN!	397457 -79 Hz
2023-06-18	Sunday	09:30	222°	+67°	0 dB	0°	222°	+67°	320°	+28°	5.7dB	SUN!	397520 -113 Hz
2023-06-18	Sunday	10:00	234°	+63°	0 dB	0°	234°	+63°	327°	+28°	5.7dB	SUN!	397583 -145 Hz
2023-06-18	Sunday	10:30	244°	+59°	0 dB	0°	244°	+59°	334°	+28°	5.7dB	SUN!	397646 -176 Hz
2023-06-18	Sunday	11:00	252°	+54°	0 dB	0°	252°	+54°	341°	+28°	5.7dB	SUN!	397709 -204 Hz
2023-06-18	Sunday	11:30	259°	+49°	0 dB	0°	259°	+49°	349°	+28°	5.7dB	SUN!	397772 -229 Hz
2023-06-18	Sunday	12:00	265°	+44°	0 dB	0°	265°	+44°	356°	+28°	5.6dB	SUN!	397834 -251 Hz
2023-06-18	Sunday	12:30	270°	+39°	0 dB	0°	270°	+39°	3°	+28°	5.6dB	SUN!	397897 -269 Hz
2023-06-18	Sunday	13:00	275°	+34°	0 dB	0°	275°	+34°	10°	+28°	5.6dB	SUN!	397959 -283 Hz
2023-06-18	Sunday	13:30	280°	+29°	0 dB	0°	280°	+29°	18°	+28°	5.6dB	SUN!	398021 -293 Hz
2023-06-18	Sunday	14:00	285°	+24°	0 dB	0°	285°	+24°	25°	+28°	5.5dB	SUN!	398083 -299 Hz
2023-06-18	Sunday	14:30	289°	+19°	0 dB	0°	289°	+19°	32°	+28°	5.5dB	SUN!	398144 -301 Hz
2023-06-18	Sunday	15:00	294°	+15°	0 dB	0°	294°	+15°	39°	+28°	5.5dB	SUN!	398206 -298 Hz
2023-06-18	Sunday	15:30	299°	+10°	0 dB	0°	299°	+10°	46°	+28°	5.5dB	SUN!	398268 -291 Hz
2023-06-18	Sunday	16:00	304°	+6°	0 dB	0°	304°	+6°	54°	+28°	5.4dB	SUN!	398329 -281 Hz
2023-06-18	Sunday	16:30	309°	+2°	0 dB	0°	309°	+2°	61°	+28°	5.4dB	SUN!	398390 -266 Hz
2023-06-19	Monday	01:00	051°	+1°	0 dB	0°	051°	+1°	184°	+28°	5.0dB	409°K	399405 +200 Hz
2023-06-19	Monday	01:30	056°	+5°	0 dB	0°	056°	+5°	191°	+28°	5.0dB	407°K	399463 +215 Hz
2023-06-19	Monday	02:00	060°	+9°	0 dB	0°	060°	+9°	198°	+28°	5.0dB	406°K	399521 +226 Hz
2023-06-19	Monday	02:30	065°	+14°	0 dB	0°	065°	+14°	206°	+28°	5.0dB	404°K	399579 +234 Hz
2023-06-19	Monday	03:00	070°	+19°	0 dB	0°	070°	+19°	213°	+28°	4.9dB	402°K	399637 +237 Hz
2023-06-19	Monday	03:30	074°	+23°	0 dB	0°	074°	+23°	220°	+28°	4.9dB	401°K	399694 +236 Hz
2023-06-19	Monday	04:00	079°	+28°	0 dB	0°	079°	+28°	227°	+28°	4.9dB	399°K	399751 +231 Hz
2023-06-19	Monday	04:30	084°	+33°	0 dB	0°	084°	+33°	235°	+28°	4.9dB	397°K	399808 +222 Hz
2023-06-19	Monday	05:00	089°	+38°	0 dB	0°	089°	+38°	242°	+28°	4.9dB	396°K	399865 +208 Hz
2023-06-19	Monday	05:30	094°	+43°	0 dB	0°	094°	+43°	249°	+28°	4.9dB	394°K	399922 +191 Hz
2023-06-19	Monday	06:00	100°	+49°	0 dB	0°	100°	+49°	256°	+28°	4.9dB	392°K	399978 +169 Hz
2023-06-19	Monday	06:30	107°	+53°	0 dB	0°	107°	+53°	263°	+28°	4.9dB	391°K	400035 +145 Hz
2023-06-19	Monday	07:00	114°	+58°	0 dB	0°	114°	+58°	271°	+28°	4.8dB	389°K	400091 +117 Hz
2023-06-19	Monday	07:30	124°	+63°	0 dB	0°	124°	+63°	278°	+28°	4.8dB	387°K	400147 +87 Hz
2023-06-19	Monday	08:00	136°	+67°	0 dB	0°	136°	+67°	285°	+28°	4.8dB	386°K	400202 +55 Hz
2023-06-19	Monday	08:30	152°	+70°	0 dB	0°	152°	+70°	292°	+28°	4.8dB	384°K	400258 +21 Hz
2023-06-19	Monday	09:00	171°	+71°	0 dB	0°	171°	+71°	300°	+28°	4.8dB	382°K	400313 -13 Hz
2023-06-19	Monday	09:30	191°	+71°	0 dB	0°	191°	+71°	307°	+28°	4.8dB	381°K	400368 -48 Hz
2023-06-19	Monday	10:00	209°	+69°	0 dB	0°	209°	+69°	314°	+28°	4.8dB	379°K	400423 -83 Hz
2023-06-19	Monday	10:30	225°	+66°	0 dB	0°	225°	+66°	321°	+28°	4.7dB	377°K	400478 -116 Hz
2023-06-19	Monday	11:00	236°	+62°	0 dB	0°	236°	+62°	329°	+28°	4.7dB	376°K	400532 -148 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-19	Monday	11:30	246°	+58°	0 dB	0°	246°	+58°	336°	+28°	4.7dB	374°K	400586 -179 Hz
2023-06-19	Monday	12:00	254°	+53°	0 dB	0°	254°	+53°	343°	+28°	4.7dB	373°K	400640 -206 Hz
2023-06-19	Monday	12:30	260°	+48°	0 dB	0°	260°	+48°	350°	+28°	4.7dB	371°K	400694 -231 Hz
2023-06-19	Monday	13:00	266°	+43°	0 dB	0°	266°	+43°	357°	+28°	4.7dB	369°K	400748 -252 Hz
2023-06-19	Monday	13:30	271°	+38°	0 dB	0°	271°	+38°	5°	+28°	4.7dB	367°K	400801 -269 Hz
2023-06-19	Monday	14:00	276°	+33°	0 dB	0°	276°	+33°	12°	+28°	4.6dB	364°K	400854 -283 Hz
2023-06-19	Monday	14:30	281°	+28°	0 dB	0°	281°	+28°	19°	+27°	4.6dB	362°K	400907 -292 Hz
2023-06-19	Monday	15:00	286°	+23°	0 dB	0°	286°	+23°	26°	+27°	4.6dB	359°K	400960 -297 Hz
2023-06-19	Monday	15:30	290°	+18°	0 dB	0°	290°	+18°	34°	+27°	4.6dB	357°K	401013 -298 Hz
2023-06-19	Monday	16:00	295°	+13°	0 dB	0°	295°	+13°	41°	+27°	4.5dB	354°K	401065 -294 Hz
2023-06-19	Monday	16:30	300°	+9°	0 dB	0°	300°	+9°	48°	+27°	4.5dB	352°K	401117 -287 Hz
2023-06-19	Monday	17:00	304°	+5°	0 dB	0°	304°	+5°	55°	+27°	4.5dB	349°K	401169 -275 Hz
2023-06-19	Monday	17:30	309°	+1°	0 dB	0°	309°	+1°	63°	+27°	4.5dB	347°K	401220 -259 Hz
2023-06-20	Tuesday	02:00	052°	+1°	0 dB	0°	052°	+1°	186°	+27°	4.0dB	305°K	402061 +210 Hz
2023-06-20	Tuesday	02:30	058°	+6°	0 dB	0°	058°	+6°	193°	+27°	4.0dB	303°K	402108 +225 Hz
2023-06-20	Tuesday	03:00	062°	+10°	0 dB	0°	062°	+10°	200°	+27°	4.0dB	300°K	402155 +236 Hz
2023-06-20	Tuesday	03:30	067°	+14°	0 dB	0°	067°	+14°	207°	+27°	3.9dB	297°K	402201 +243 Hz
2023-06-20	Tuesday	04:00	072°	+19°	0 dB	0°	072°	+19°	215°	+27°	3.9dB	294°K	402248 +245 Hz
2023-06-20	Tuesday	04:30	076°	+24°	0 dB	0°	076°	+24°	222°	+27°	3.9dB	291°K	402294 +243 Hz
2023-06-20	Tuesday	05:00	081°	+29°	0 dB	0°	081°	+29°	229°	+27°	3.8dB	288°K	402340 +237 Hz
2023-06-20	Tuesday	05:30	086°	+34°	0 dB	0°	086°	+34°	236°	+27°	3.8dB	285°K	402385 +227 Hz
2023-06-20	Tuesday	06:00	091°	+39°	0 dB	0°	091°	+39°	244°	+27°	3.8dB	282°K	402431 +212 Hz
2023-06-20	Tuesday	06:30	097°	+44°	0 dB	0°	097°	+44°	251°	+27°	3.7dB	279°K	402476 +193 Hz
2023-06-20	Tuesday	07:00	103°	+49°	0 dB	0°	103°	+49°	258°	+27°	3.7dB	277°K	402520 +171 Hz
2023-06-20	Tuesday	07:30	110°	+54°	0 dB	0°	110°	+54°	265°	+26°	3.7dB	274°K	402565 +145 Hz
2023-06-20	Tuesday	08:00	119°	+58°	0 dB	0°	119°	+58°	273°	+26°	3.6dB	271°K	402609 +117 Hz
2023-06-20	Tuesday	08:30	129°	+63°	0 dB	0°	129°	+63°	280°	+26°	3.6dB	268°K	402653 +86 Hz
2023-06-20	Tuesday	09:00	142°	+66°	0 dB	0°	142°	+66°	287°	+26°	3.5dB	265°K	402697 +53 Hz
2023-06-20	Tuesday	09:30	158°	+69°	0 dB	0°	158°	+69°	294°	+26°	3.5dB	262°K	402740 +18 Hz
2023-06-20	Tuesday	10:00	176°	+70°	0 dB	0°	176°	+70°	302°	+26°	3.5dB	259°K	402783 -17 Hz
2023-06-20	Tuesday	10:30	195°	+69°	0 dB	0°	195°	+69°	309°	+26°	3.4dB	256°K	402826 -52 Hz
2023-06-20	Tuesday	11:00	212°	+67°	0 dB	0°	212°	+67°	316°	+26°	3.4dB	253°K	402868 -87 Hz
2023-06-20	Tuesday	11:30	226°	+64°	0 dB	0°	226°	+64°	323°	+26°	3.4dB	251°K	402910 -121 Hz
2023-06-20	Tuesday	12:00	237°	+60°	0 dB	0°	237°	+60°	331°	+26°	3.3dB	248°K	402952 -153 Hz
2023-06-20	Tuesday	12:30	246°	+55°	0 dB	0°	246°	+55°	338°	+26°	3.3dB	245°K	402994 -183 Hz
2023-06-20	Tuesday	13:00	254°	+51°	0 dB	0°	254°	+51°	345°	+26°	3.2dB	242°K	403035 -210 Hz
2023-06-20	Tuesday	13:30	260°	+46°	0 dB	0°	260°	+46°	352°	+26°	3.2dB	239°K	403076 -234 Hz
2023-06-20	Tuesday	14:00	266°	+41°	0 dB	0°	266°	+41°	360°	+26°	3.2dB	236°K	403117 -255 Hz
2023-06-20	Tuesday	14:30	271°	+35°	0 dB	0°	271°	+35°	7°	+26°	3.1dB	233°K	403157 -271 Hz
2023-06-20	Tuesday	15:00	276°	+30°	0 dB	0°	276°	+30°	14°	+26°	3.1dB	231°K	403198 -284 Hz
2023-06-20	Tuesday	15:30	281°	+25°	0 dB	0°	281°	+25°	21°	+26°	3.0dB	228°K	403237 -292 Hz
2023-06-20	Tuesday	16:00	286°	+20°	0 dB	0°	286°	+20°	29°	+26°	3.0dB	225°K	403277 -296 Hz
2023-06-20	Tuesday	16:30	290°	+15°	0 dB	0°	290°	+15°	36°	+26°	3.0dB	224°K	403316 -296 Hz
2023-06-20	Tuesday	17:00	295°	+11°	0 dB	0°	295°	+11°	43°	+26°	3.0dB	224°K	403355 -291 Hz
2023-06-20	Tuesday	17:30	300°	+6°	0 dB	0°	300°	+6°	50°	+26°	3.0dB	223°K	403394 -282 Hz
2023-06-20	Tuesday	18:00	305°	+2°	0 dB	0°	305°	+2°	58°	+26°	3.0dB	222°K	403432 -269 Hz
2023-06-21	Wednesday	03:00	056°	+1°	0 dB	0°	056°	+1°	188°	+25°	2.7dB	205°K	404065 +227 Hz
2023-06-21	Wednesday	03:30	061°	+5°	0 dB	0°	061°	+5°	195°	+24°	2.7dB	204°K	404097 +241 Hz
2023-06-21	Wednesday	04:00	066°	+10°	0 dB	0°	066°	+10°	203°	+24°	2.7dB	203°K	404129 +251 Hz
2023-06-21	Wednesday	04:30	070°	+14°	0 dB	0°	070°	+14°	210°	+24°	2.7dB	202°K	404160 +257 Hz
2023-06-21	Wednesday	05:00	075°	+19°	0 dB	0°	075°	+19°	217°	+24°	2.7dB	201°K	404191 +258 Hz
2023-06-21	Wednesday	05:30	080°	+24°	0 dB	0°	080°	+24°	224°	+24°	2.6dB	200°K	404221 +255 Hz
2023-06-21	Wednesday	06:00	085°	+29°	0 dB	0°	085°	+29°	232°	+24°	2.6dB	199°K	404252 +247 Hz
2023-06-21	Wednesday	06:30	090°	+34°	0 dB	0°	090°	+34°	239°	+24°	2.6dB	198°K	404281 +235 Hz
2023-06-21	Wednesday	07:00	096°	+39°	0 dB	0°	096°	+39°	246°	+24°	2.6dB	197°K	404311 +218 Hz
2023-06-21	Wednesday	07:30	102°	+44°	0 dB	0°	102°	+44°	253°	+24°	2.6dB	197°K	404340 +198 Hz
2023-06-21	Wednesday	08:00	108°	+49°	0 dB	0°	108°	+49°	261°	+24°	2.6dB	196°K	404369 +174 Hz
2023-06-21	Wednesday	08:30	116°	+54°	0 dB	0°	116°	+54°	268°	+24°	2.6dB	195°K	404397 +147 Hz
2023-06-21	Wednesday	09:00	125°	+58°	0 dB	0°	125°	+58°	275°	+24°	2.6dB	194°K	404425 +117 Hz
2023-06-21	Wednesday	09:30	136°	+62°	0 dB	0°	136°	+62°	282°	+24°	2.5dB	193°K	404453 +84 Hz
2023-06-21	Wednesday	10:00	150°	+65°	0 dB	0°	150°	+65°	290°	+24°	2.5dB	192°K	404480 +50 Hz
2023-06-21	Wednesday	10:30	166°	+67°	0 dB	0°	166°	+67°	297°	+24°	2.5dB	191°K	404507 +14 Hz
2023-06-21	Wednesday	11:00	183°	+67°	0 dB	0°	183°	+67°	304°	+24°	2.5dB	190°K	404534 -22 Hz
2023-06-21	Wednesday	11:30	200°	+66°	0 dB	0°	200°	+66°	311°	+23°	2.5dB	189°K	404560 -58 Hz
2023-06-21	Wednesday	12:00	215°	+64°	0 dB	0°	215°	+64°	319°	+23°	2.5dB	188°K	404586 -93 Hz
2023-06-21	Wednesday	12:30	227°	+60°	0 dB	0°	227°	+60°	326°	+23°	2.4dB	187°K	404612 -127 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-21	Wednesday 13:00	237°	+56°	0 dB	0°	237°	+56°	333°	+23°	2.4dB	187°K	404637	-159 Hz
2023-06-21	Wednesday 13:30	246°	+52°	0 dB	0°	246°	+52°	340°	+23°	2.4dB	186°K	404661	-189 Hz
2023-06-21	Wednesday 14:00	253°	+47°	0 dB	0°	253°	+47°	348°	+23°	2.4dB	185°K	404686	-216 Hz
2023-06-21	Wednesday 14:30	259°	+42°	0 dB	0°	259°	+42°	355°	+23°	2.4dB	184°K	404710	-239 Hz
2023-06-21	Wednesday 15:00	265°	+37°	0 dB	0°	265°	+37°	2°	+23°	2.4dB	183°K	404733	-259 Hz
2023-06-21	Wednesday 15:30	270°	+32°	0 dB	0°	270°	+32°	10°	+23°	2.4dB	182°K	404756	-274 Hz
2023-06-21	Wednesday 16:00	275°	+26°	0 dB	0°	275°	+26°	17°	+23°	2.3dB	181°K	404779	-285 Hz
2023-06-21	Wednesday 16:30	280°	+21°	0 dB	0°	280°	+21°	24°	+23°	2.3dB	180°K	404802	-292 Hz
2023-06-21	Wednesday 17:00	285°	+16°	0 dB	0°	285°	+16°	31°	+23°	2.3dB	179°K	404824	-295 Hz
2023-06-21	Wednesday 17:30	290°	+12°	0 dB	0°	290°	+12°	39°	+23°	2.3dB	178°K	404845	-292 Hz
2023-06-21	Wednesday 18:00	295°	+7°	0 dB	0°	295°	+7°	46°	+23°	2.3dB	178°K	404867	-286 Hz
2023-06-21	Wednesday 18:30	300°	+2°	0 dB	0°	300°	+2°	53°	+23°	2.3dB	177°K	404887	-275 Hz
2023-06-22	Thursday 04:00	060°	+0°	0 dB	0°	060°	+0°	191°	+21°	2.3dB	178°K	405207	+250 Hz
2023-06-22	Thursday 04:30	065°	+5°	0 dB	0°	065°	+5°	198°	+21°	2.3dB	178°K	405219	+262 Hz
2023-06-22	Thursday 05:00	070°	+9°	0 dB	0°	070°	+9°	206°	+21°	2.3dB	179°K	405231	+270 Hz
2023-06-22	Thursday 05:30	075°	+14°	0 dB	0°	075°	+14°	213°	+21°	2.3dB	179°K	405243	+274 Hz
2023-06-22	Thursday 06:00	080°	+19°	0 dB	0°	080°	+19°	220°	+21°	2.3dB	179°K	405255	+274 Hz
2023-06-22	Thursday 06:30	085°	+24°	0 dB	0°	085°	+24°	228°	+21°	2.3dB	179°K	405265	+268 Hz
2023-06-22	Thursday 07:00	090°	+29°	0 dB	0°	090°	+29°	235°	+21°	2.3dB	180°K	405276	+259 Hz
2023-06-22	Thursday 07:30	096°	+34°	0 dB	0°	096°	+34°	242°	+21°	2.3dB	180°K	405286	+244 Hz
2023-06-22	Thursday 08:00	102°	+39°	0 dB	0°	102°	+39°	249°	+20°	2.3dB	180°K	405296	+226 Hz
2023-06-22	Thursday 08:30	108°	+44°	0 dB	0°	108°	+44°	257°	+20°	2.4dB	181°K	405305	+203 Hz
2023-06-22	Thursday 09:00	116°	+48°	0 dB	0°	116°	+48°	264°	+20°	2.4dB	181°K	405314	+177 Hz
2023-06-22	Thursday 09:30	124°	+53°	0 dB	0°	124°	+53°	271°	+20°	2.4dB	181°K	405322	+148 Hz
2023-06-22	Thursday 10:00	134°	+57°	0 dB	0°	134°	+57°	278°	+20°	2.4dB	181°K	405330	+115 Hz
2023-06-22	Thursday 10:30	146°	+60°	0 dB	0°	146°	+60°	286°	+20°	2.4dB	182°K	405337	+81 Hz
2023-06-22	Thursday 11:00	159°	+62°	0 dB	0°	159°	+62°	293°	+20°	2.4dB	182°K	405344	+45 Hz
2023-06-22	Thursday 11:30	174°	+63°	0 dB	0°	174°	+63°	300°	+20°	2.4dB	182°K	405351	+8 Hz
2023-06-22	Thursday 12:00	190°	+63°	0 dB	0°	190°	+63°	308°	+20°	2.4dB	182°K	405357	-29 Hz
2023-06-22	Thursday 12:30	204°	+62°	0 dB	0°	204°	+62°	315°	+20°	2.4dB	183°K	405362	-66 Hz
2023-06-22	Thursday 13:00	217°	+59°	0 dB	0°	217°	+59°	322°	+20°	2.4dB	183°K	405368	-101 Hz
2023-06-22	Thursday 13:30	228°	+55°	0 dB	0°	228°	+55°	329°	+20°	2.4dB	183°K	405372	-136 Hz
2023-06-22	Thursday 14:00	237°	+51°	0 dB	0°	237°	+51°	337°	+19°	2.4dB	183°K	405377	-168 Hz
2023-06-22	Thursday 14:30	245°	+47°	0 dB	0°	245°	+47°	344°	+19°	2.4dB	183°K	405381	-197 Hz
2023-06-22	Thursday 15:00	252°	+42°	0 dB	0°	252°	+42°	351°	+19°	2.4dB	183°K	405384	-223 Hz
2023-06-22	Thursday 15:30	259°	+37°	0 dB	0°	259°	+37°	358°	+19°	2.4dB	183°K	405387	-245 Hz
2023-06-22	Thursday 16:00	264°	+32°	0 dB	0°	264°	+32°	6°	+19°	2.4dB	184°K	405389	-263 Hz
2023-06-22	Thursday 16:30	270°	+27°	0 dB	0°	270°	+27°	13°	+19°	2.4dB	184°K	405392	-277 Hz
2023-06-22	Thursday 17:00	275°	+21°	0 dB	0°	275°	+21°	20°	+19°	2.4dB	184°K	405393	-286 Hz
2023-06-22	Thursday 17:30	280°	+16°	0 dB	0°	280°	+16°	28°	+19°	2.4dB	184°K	405394	-291 Hz
2023-06-22	Thursday 18:00	285°	+11°	0 dB	0°	285°	+11°	35°	+19°	2.4dB	184°K	405395	-291 Hz
2023-06-22	Thursday 18:30	289°	+6°	0 dB	0°	289°	+6°	42°	+19°	2.4dB	184°K	405395	-286 Hz
2023-06-22	Thursday 19:00	294°	+2°	0 dB	0°	294°	+2°	49°	+19°	2.4dB	184°K	405395	-277 Hz
2023-06-23	Fri day 05:30	071°	+4°	0 dB	0°	071°	+4°	202°	+17°	2.5dB	188°K	405280	+286 Hz
2023-06-23	Fri day 06:00	076°	+9°	0 dB	0°	076°	+9°	210°	+17°	2.5dB	188°K	405270	+292 Hz
2023-06-23	Fri day 06:30	081°	+14°	0 dB	0°	081°	+14°	217°	+16°	2.5dB	189°K	405259	+293 Hz
2023-06-23	Fri day 07:00	086°	+19°	0 dB	0°	086°	+19°	224°	+16°	2.5dB	189°K	405247	+290 Hz
2023-06-23	Fri day 07:30	092°	+24°	0 dB	0°	092°	+24°	231°	+16°	2.5dB	189°K	405235	+282 Hz
2023-06-23	Fri day 08:00	097°	+29°	0 dB	0°	097°	+29°	239°	+16°	2.5dB	189°K	405222	+269 Hz
2023-06-23	Fri day 08:30	103°	+34°	0 dB	0°	103°	+34°	246°	+16°	2.5dB	190°K	405209	+252 Hz
2023-06-23	Fri day 09:00	109°	+38°	0 dB	0°	109°	+38°	253°	+16°	2.5dB	190°K	405195	+231 Hz
2023-06-23	Fri day 09:30	116°	+43°	0 dB	0°	116°	+43°	261°	+16°	2.5dB	190°K	405181	+206 Hz
2023-06-23	Fri day 10:00	124°	+47°	0 dB	0°	124°	+47°	268°	+16°	2.5dB	191°K	405166	+177 Hz
2023-06-23	Fri day 10:30	133°	+51°	0 dB	0°	133°	+51°	275°	+16°	2.5dB	191°K	405151	+145 Hz
2023-06-23	Fri day 11:00	144°	+55°	0 dB	0°	144°	+55°	282°	+16°	2.5dB	191°K	405136	+111 Hz
2023-06-23	Fri day 11:30	156°	+57°	0 dB	0°	156°	+57°	290°	+15°	2.5dB	191°K	405119	+75 Hz
2023-06-23	Fri day 12:00	169°	+59°	0 dB	0°	169°	+59°	297°	+15°	2.5dB	192°K	405103	+37 Hz
2023-06-23	Fri day 12:30	182°	+59°	0 dB	0°	182°	+59°	304°	+15°	2.5dB	192°K	405086	-1 Hz
2023-06-23	Fri day 13:00	196°	+58°	0 dB	0°	196°	+58°	312°	+15°	2.5dB	192°K	405068	-39 Hz
2023-06-23	Fri day 13:30	208°	+56°	0 dB	0°	208°	+56°	319°	+15°	2.5dB	192°K	405050	-76 Hz
2023-06-23	Fri day 14:00	220°	+53°	0 dB	0°	220°	+53°	326°	+15°	2.6dB	193°K	405031	-112 Hz
2023-06-23	Fri day 14:30	229°	+49°	0 dB	0°	229°	+49°	333°	+15°	2.6dB	193°K	405012	-146 Hz
2023-06-23	Fri day 15:00	238°	+45°	0 dB	0°	238°	+45°	341°	+15°	2.6dB	193°K	404993	-177 Hz
2023-06-23	Fri day 15:30	245°	+40°	0 dB	0°	245°	+40°	348°	+15°	2.6dB	194°K	404972	-205 Hz
2023-06-23	Fri day 16:00	252°	+36°	0 dB	0°	252°	+36°	355°	+15°	2.6dB	194°K	404952	-229 Hz
2023-06-23	Fri day 16:30	258°	+31°	0 dB	0°	258°	+31°	3°	+14°	2.6dB	194°K	404931	-250 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-23	Fri day	17:00	264°	+25°	0 dB	0°	264°	+25°	10°	+14°	2.6dB	194°K	404909 -266 Hz
2023-06-23	Fri day	17:30	269°	+20°	0 dB	0°	269°	+20°	17°	+14°	2.6dB	195°K	404887 -277 Hz
2023-06-23	Fri day	18:00	274°	+15°	0 dB	0°	274°	+15°	24°	+14°	2.6dB	195°K	404864 -284 Hz
2023-06-23	Fri day	18:30	279°	+10°	0 dB	0°	279°	+10°	32°	+14°	2.6dB	195°K	404841 -286 Hz
2023-06-23	Fri day	19:00	284°	+5°	0 dB	0°	284°	+5°	39°	+14°	2.6dB	195°K	404818 -283 Hz
2023-06-23	Fri day	19:30	289°	+0°	0 dB	0°	289°	+0°	46°	+14°	2.6dB	196°K	404793 -276 Hz
2023-06-24	Saturday	06:30	077°	+3°	0 dB	0°	077°	+3°	207°	+12°	2.7dB	202°K	404133 +308 Hz
2023-06-24	Saturday	07:00	083°	+8°	0 dB	0°	083°	+8°	214°	+11°	2.7dB	202°K	404097 +312 Hz
2023-06-24	Saturday	07:30	088°	+13°	0 dB	0°	088°	+13°	221°	+11°	2.7dB	202°K	404060 +310 Hz
2023-06-24	Saturday	08:00	093°	+18°	0 dB	0°	093°	+18°	229°	+11°	2.7dB	202°K	404023 +304 Hz
2023-06-24	Saturday	08:30	099°	+23°	0 dB	0°	099°	+23°	236°	+11°	2.7dB	203°K	403986 +293 Hz
2023-06-24	Saturday	09:00	105°	+28°	0 dB	0°	105°	+28°	243°	+11°	2.7dB	203°K	403948 +277 Hz
2023-06-24	Saturday	09:30	111°	+33°	0 dB	0°	111°	+33°	251°	+11°	2.7dB	203°K	403909 +257 Hz
2023-06-24	Saturday	10:00	118°	+37°	0 dB	0°	118°	+37°	258°	+11°	2.7dB	203°K	403870 +233 Hz
2023-06-24	Saturday	10:30	125°	+42°	0 dB	0°	125°	+42°	265°	+11°	2.7dB	204°K	403830 +205 Hz
2023-06-24	Saturday	11:00	134°	+45°	0 dB	0°	134°	+45°	272°	+11°	2.7dB	204°K	403790 +173 Hz
2023-06-24	Saturday	11:30	143°	+49°	0 dB	0°	143°	+49°	280°	+11°	2.7dB	204°K	403750 +139 Hz
2023-06-24	Saturday	12:00	154°	+51°	0 dB	0°	154°	+51°	287°	+10°	2.7dB	204°K	403709 +103 Hz
2023-06-24	Saturday	12:30	165°	+53°	0 dB	0°	165°	+53°	294°	+10°	2.7dB	205°K	403667 +65 Hz
2023-06-24	Saturday	13:00	178°	+54°	0 dB	0°	178°	+54°	302°	+10°	2.7dB	205°K	403625 +26 Hz
2023-06-24	Saturday	13:30	190°	+53°	0 dB	0°	190°	+53°	309°	+10°	2.7dB	205°K	403582 -12 Hz
2023-06-24	Saturday	14:00	201°	+52°	0 dB	0°	201°	+52°	316°	+10°	2.7dB	205°K	403539 -51 Hz
2023-06-24	Saturday	14:30	212°	+49°	0 dB	0°	212°	+49°	323°	+10°	2.7dB	206°K	403495 -88 Hz
2023-06-24	Saturday	15:00	222°	+46°	0 dB	0°	222°	+46°	331°	+10°	2.7dB	206°K	403451 -123 Hz
2023-06-24	Saturday	15:30	231°	+42°	0 dB	0°	231°	+42°	338°	+10°	2.7dB	206°K	403406 -156 Hz
2023-06-24	Saturday	16:00	238°	+38°	0 dB	0°	238°	+38°	345°	+10°	2.7dB	207°K	403361 -186 Hz
2023-06-24	Saturday	16:30	245°	+33°	0 dB	0°	245°	+33°	353°	+9°	2.7dB	207°K	403315 -212 Hz
2023-06-24	Saturday	17:00	252°	+29°	0 dB	0°	252°	+29°	360°	+9°	2.7dB	207°K	403269 -234 Hz
2023-06-24	Saturday	17:30	257°	+24°	0 dB	0°	257°	+24°	7°	+9°	2.7dB	207°K	403222 -252 Hz
2023-06-24	Saturday	18:00	263°	+18°	0 dB	0°	263°	+18°	15°	+9°	2.7dB	208°K	403174 -265 Hz
2023-06-24	Saturday	18:30	268°	+13°	0 dB	0°	268°	+13°	22°	+9°	2.7dB	208°K	403126 -274 Hz
2023-06-24	Saturday	19:00	273°	+8°	0 dB	0°	273°	+8°	29°	+9°	2.7dB	208°K	403078 -278 Hz
2023-06-24	Saturday	19:30	279°	+3°	0 dB	0°	279°	+3°	36°	+9°	2.7dB	208°K	403029 -276 Hz
2023-06-25	Sunday	07:30	085°	+2°	0 dB	0°	085°	+2°	212°	+6°	2.9dB	223°K	401700 +328 Hz
2023-06-25	Sunday	08:00	090°	+7°	0 dB	0°	090°	+7°	219°	+6°	2.9dB	225°K	401638 +328 Hz
2023-06-25	Sunday	08:30	095°	+12°	0 dB	0°	095°	+12°	226°	+6°	2.9dB	226°K	401576 +323 Hz
2023-06-25	Sunday	09:00	101°	+17°	0 dB	0°	101°	+17°	233°	+6°	3.0dB	228°K	401513 +314 Hz
2023-06-25	Sunday	09:30	107°	+22°	0 dB	0°	107°	+22°	241°	+6°	3.0dB	229°K	401450 +299 Hz
2023-06-25	Sunday	10:00	113°	+27°	0 dB	0°	113°	+27°	248°	+5°	3.0dB	230°K	401386 +280 Hz
2023-06-25	Sunday	10:30	120°	+31°	0 dB	0°	120°	+31°	255°	+5°	3.0dB	232°K	401321 +257 Hz
2023-06-25	Sunday	11:00	127°	+36°	0 dB	0°	127°	+36°	263°	+5°	3.0dB	233°K	401257 +230 Hz
2023-06-25	Sunday	11:30	135°	+39°	0 dB	0°	135°	+39°	270°	+5°	3.1dB	235°K	401191 +199 Hz
2023-06-25	Sunday	12:00	143°	+43°	0 dB	0°	143°	+43°	277°	+5°	3.1dB	236°K	401125 +165 Hz
2023-06-25	Sunday	12:30	153°	+45°	0 dB	0°	153°	+45°	284°	+5°	3.1dB	237°K	401059 +129 Hz
2023-06-25	Sunday	13:00	163°	+47°	0 dB	0°	163°	+47°	292°	+5°	3.1dB	239°K	400992 +92 Hz
2023-06-25	Sunday	13:30	174°	+48°	0 dB	0°	174°	+48°	299°	+5°	3.1dB	240°K	400925 +53 Hz
2023-06-25	Sunday	14:00	185°	+48°	0 dB	0°	185°	+48°	306°	+5°	3.1dB	242°K	400857 +13 Hz
2023-06-25	Sunday	14:30	196°	+47°	0 dB	0°	196°	+47°	314°	+4°	3.2dB	243°K	400788 -26 Hz
2023-06-25	Sunday	15:00	206°	+45°	0 dB	0°	206°	+45°	321°	+4°	3.2dB	245°K	400720 -64 Hz
2023-06-25	Sunday	15:30	215°	+42°	0 dB	0°	215°	+42°	328°	+4°	3.2dB	246°K	400650 -100 Hz
2023-06-25	Sunday	16:00	224°	+39°	0 dB	0°	224°	+39°	336°	+4°	3.2dB	247°K	400580 -134 Hz
2023-06-25	Sunday	16:30	232°	+35°	0 dB	0°	232°	+35°	343°	+4°	3.2dB	249°K	400510 -165 Hz
2023-06-25	Sunday	17:00	239°	+31°	0 dB	0°	239°	+31°	350°	+4°	3.2dB	250°K	400439 -193 Hz
2023-06-25	Sunday	17:30	245°	+26°	0 dB	0°	245°	+26°	357°	+4°	3.3dB	252°K	400368 -217 Hz
2023-06-25	Sunday	18:00	251°	+21°	0 dB	0°	251°	+21°	5°	+4°	3.3dB	253°K	400296 -236 Hz
2023-06-25	Sunday	18:30	257°	+16°	0 dB	0°	257°	+16°	12°	+4°	3.3dB	255°K	400224 -251 Hz
2023-06-25	Sunday	19:00	262°	+11°	0 dB	0°	262°	+11°	19°	+3°	3.3dB	256°K	400151 -261 Hz
2023-06-25	Sunday	19:30	268°	+6°	0 dB	0°	268°	+6°	27°	+3°	3.3dB	257°K	400077 -266 Hz
2023-06-25	Sunday	20:00	273°	+1°	0 dB	0°	273°	+1°	34°	+3°	3.4dB	259°K	400004 -266 Hz
2023-06-26	Monday	08:30	092°	+2°	0 dB	0°	092°	+2°	216°	+0°	3.8dB	298°K	398002 +342 Hz
2023-06-26	Monday	09:00	098°	+7°	0 dB	0°	098°	+7°	224°	+0°	3.8dB	299°K	397916 +339 Hz
2023-06-26	Monday	09:30	103°	+11°	0 dB	0°	103°	+11°	231°	-0°	3.8dB	301°K	397829 +331 Hz
2023-06-26	Monday	10:00	109°	+16°	0 dB	0°	109°	+16°	238°	-0°	3.8dB	302°K	397742 +318 Hz
2023-06-26	Monday	10:30	115°	+21°	0 dB	0°	115°	+21°	246°	-0°	3.8dB	304°K	397654 +300 Hz
2023-06-26	Monday	11:00	121°	+25°	0 dB	0°	121°	+25°	253°	-0°	3.8dB	305°K	397566 +278 Hz
2023-06-26	Monday	11:30	128°	+29°	0 dB	0°	128°	+29°	260°	-1°	3.8dB	307°K	397478 +252 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-26	Monday	12:00	136°	+33°	0 dB	0°	136°	+33°	267°	-1°	3.9dB	309°K	397389 +222 Hz
2023-06-26	Monday	12:30	144°	+36°	0 dB	0°	144°	+36°	275°	-1°	3.9dB	310°K	397300 +189 Hz
2023-06-26	Monday	13:00	152°	+39°	0 dB	0°	152°	+39°	282°	-1°	3.9dB	312°K	397210 +154 Hz
2023-06-26	Monday	13:30	162°	+41°	0 dB	0°	162°	+41°	289°	-1°	3.9dB	313°K	397120 +116 Hz
2023-06-26	Monday	14:00	171°	+42°	0 dB	0°	171°	+42°	297°	-1°	3.9dB	313°K	397029 +78 Hz
2023-06-26	Monday	14:30	181°	+42°	0 dB	0°	181°	+42°	304°	-1°	3.9dB	313°K	396938 +38 Hz
2023-06-26	Monday	15:00	191°	+41°	0 dB	0°	191°	+41°	311°	-1°	3.9dB	313°K	396846 -1 Hz
2023-06-26	Monday	15:30	201°	+40°	0 dB	0°	201°	+40°	319°	-1°	3.9dB	313°K	396755 -39 Hz
2023-06-26	Monday	16:00	210°	+38°	0 dB	0°	210°	+38°	326°	-2°	3.9dB	313°K	396662 -76 Hz
2023-06-26	Monday	16:30	218°	+35°	0 dB	0°	218°	+35°	333°	-2°	3.9dB	313°K	396569 -111 Hz
2023-06-26	Monday	17:00	226°	+31°	0 dB	0°	226°	+31°	340°	-2°	3.9dB	313°K	396476 -143 Hz
2023-06-26	Monday	17:30	233°	+27°	0 dB	0°	233°	+27°	348°	-2°	3.9dB	313°K	396382 -172 Hz
2023-06-26	Monday	18:00	239°	+23°	0 dB	0°	239°	+23°	355°	-2°	3.9dB	313°K	396288 -197 Hz
2023-06-26	Monday	18:30	245°	+18°	0 dB	0°	245°	+18°	2°	-2°	3.9dB	313°K	396194 -217 Hz
2023-06-26	Monday	19:00	251°	+13°	0 dB	0°	251°	+13°	10°	-2°	3.9dB	313°K	396099 -234 Hz
2023-06-26	Monday	19:30	257°	+8°	0 dB	0°	257°	+8°	17°	-2°	3.9dB	313°K	396003 -245 Hz
2023-06-26	Monday	20:00	262°	+3°	0 dB	0°	262°	+3°	24°	-3°	3.9dB	313°K	395907 -252 Hz
2023-06-27	Tuesday	09:30	100°	+0°	0 dB	0°	100°	+0°	221°	-6°	3.7dB	311°K	393170 +348 Hz
2023-06-27	Tuesday	10:00	105°	+5°	0 dB	0°	105°	+5°	228°	-6°	3.7dB	310°K	393063 +342 Hz
2023-06-27	Tuesday	10:30	111°	+10°	0 dB	0°	111°	+10°	236°	-6°	3.7dB	310°K	392956 +331 Hz
2023-06-27	Tuesday	11:00	117°	+15°	0 dB	0°	117°	+15°	243°	-6°	3.7dB	310°K	392849 +315 Hz
2023-06-27	Tuesday	11:30	123°	+19°	0 dB	0°	123°	+19°	250°	-6°	3.7dB	310°K	392741 +294 Hz
2023-06-27	Tuesday	12:00	129°	+23°	0 dB	0°	129°	+23°	257°	-6°	3.7dB	309°K	392633 +270 Hz
2023-06-27	Tuesday	12:30	136°	+27°	0 dB	0°	136°	+27°	265°	-6°	3.7dB	309°K	392525 +242 Hz
2023-06-27	Tuesday	13:00	144°	+30°	0 dB	0°	144°	+30°	272°	-7°	3.6dB	309°K	392416 +210 Hz
2023-06-27	Tuesday	13:30	151°	+32°	0 dB	0°	151°	+32°	279°	-7°	3.6dB	308°K	392307 +176 Hz
2023-06-27	Tuesday	14:00	160°	+34°	0 dB	0°	160°	+34°	287°	-7°	3.6dB	308°K	392198 +140 Hz
2023-06-27	Tuesday	14:30	169°	+36°	0 dB	0°	169°	+36°	294°	-7°	3.6dB	308°K	392088 +102 Hz
2023-06-27	Tuesday	15:00	178°	+36°	0 dB	0°	178°	+36°	301°	-7°	3.6dB	308°K	391978 +63 Hz
2023-06-27	Tuesday	15:30	187°	+36°	0 dB	0°	187°	+36°	308°	-7°	3.6dB	307°K	391868 +24 Hz
2023-06-27	Tuesday	16:00	196°	+35°	0 dB	0°	196°	+35°	316°	-7°	3.6dB	307°K	391757 -14 Hz
2023-06-27	Tuesday	16:30	204°	+33°	0 dB	0°	204°	+33°	323°	-7°	3.6dB	307°K	391646 -51 Hz
2023-06-27	Tuesday	17:00	212°	+30°	0 dB	0°	212°	+30°	330°	-8°	3.6dB	307°K	391535 -86 Hz
2023-06-27	Tuesday	17:30	220°	+27°	0 dB	0°	220°	+27°	338°	-8°	3.6dB	306°K	391423 -119 Hz
2023-06-27	Tuesday	18:00	227°	+24°	0 dB	0°	227°	+24°	345°	-8°	3.6dB	306°K	391311 -149 Hz
2023-06-27	Tuesday	18:30	233°	+20°	0 dB	0°	233°	+20°	352°	-8°	3.6dB	306°K	391199 -175 Hz
2023-06-27	Tuesday	19:00	239°	+15°	0 dB	0°	239°	+15°	359°	-8°	3.5dB	305°K	391086 -197 Hz
2023-06-27	Tuesday	19:30	245°	+11°	0 dB	0°	245°	+11°	7°	-8°	3.5dB	305°K	390973 -214 Hz
2023-06-27	Tuesday	20:00	250°	+6°	0 dB	0°	250°	+6°	14°	-8°	3.5dB	305°K	390860 -228 Hz
2023-06-27	Tuesday	20:30	256°	+1°	0 dB	0°	256°	+1°	21°	-8°	3.5dB	305°K	390747 -236 Hz
2023-06-28	Wednesday	11:00	112°	+4°	0 dB	0°	112°	+4°	232°	-12°	3.6dB	323°K	387340 +338 Hz
2023-06-28	Wednesday	11:30	118°	+8°	0 dB	0°	118°	+8°	240°	-12°	3.6dB	324°K	387219 +324 Hz
2023-06-28	Wednesday	12:00	123°	+12°	0 dB	0°	123°	+12°	247°	-12°	3.6dB	324°K	387098 +306 Hz
2023-06-28	Wednesday	12:30	130°	+16°	0 dB	0°	130°	+16°	254°	-12°	3.6dB	325°K	386977 +283 Hz
2023-06-28	Wednesday	13:00	136°	+20°	0 dB	0°	136°	+20°	261°	-12°	3.6dB	326°K	386855 +257 Hz
2023-06-28	Wednesday	13:30	143°	+23°	0 dB	0°	143°	+23°	269°	-12°	3.6dB	327°K	386734 +228 Hz
2023-06-28	Wednesday	14:00	150°	+26°	0 dB	0°	150°	+26°	276°	-12°	3.6dB	328°K	386612 +196 Hz
2023-06-28	Wednesday	14:30	158°	+28°	0 dB	0°	158°	+28°	283°	-13°	3.6dB	329°K	386490 +161 Hz
2023-06-28	Wednesday	15:00	166°	+29°	0 dB	0°	166°	+29°	290°	-13°	3.6dB	330°K	386368 +124 Hz
2023-06-28	Wednesday	15:30	174°	+30°	0 dB	0°	174°	+30°	298°	-13°	3.6dB	331°K	386245 +87 Hz
2023-06-28	Wednesday	16:00	182°	+30°	0 dB	0°	182°	+30°	305°	-13°	3.6dB	333°K	386123 +49 Hz
2023-06-28	Wednesday	16:30	190°	+30°	0 dB	0°	190°	+30°	312°	-13°	3.6dB	334°K	386000 +11 Hz
2023-06-28	Wednesday	17:00	198°	+28°	0 dB	0°	198°	+28°	320°	-13°	3.7dB	335°K	385877 -25 Hz
2023-06-28	Wednesday	17:30	206°	+26°	0 dB	0°	206°	+26°	327°	-13°	3.7dB	336°K	385754 -61 Hz
2023-06-28	Wednesday	18:00	213°	+23°	0 dB	0°	213°	+23°	334°	-13°	3.7dB	337°K	385631 -94 Hz
2023-06-28	Wednesday	18:30	220°	+20°	0 dB	0°	220°	+20°	341°	-14°	3.7dB	339°K	385507 -124 Hz
2023-06-28	Wednesday	19:00	227°	+17°	0 dB	0°	227°	+17°	349°	-14°	3.7dB	340°K	385384 -151 Hz
2023-06-28	Wednesday	19:30	233°	+13°	0 dB	0°	233°	+13°	356°	-14°	3.7dB	341°K	385260 -174 Hz
2023-06-28	Wednesday	20:00	239°	+8°	0 dB	0°	239°	+8°	3°	-14°	3.7dB	342°K	385137 -194 Hz
2023-06-28	Wednesday	20:30	244°	+4°	0 dB	0°	244°	+4°	10°	-14°	3.7dB	343°K	385013 -209 Hz
2023-06-29	Thursday	12:00	118°	+1°	0 dB	0°	118°	+1°	235°	-17°	3.9dB	378°K	381128 +327 Hz
2023-06-29	Thursday	12:30	123°	+5°	0 dB	0°	123°	+5°	243°	-17°	3.9dB	380°K	381002 +312 Hz
2023-06-29	Thursday	13:00	129°	+9°	0 dB	0°	129°	+9°	250°	-18°	3.9dB	381°K	380876 +292 Hz
2023-06-29	Thursday	13:30	135°	+13°	0 dB	0°	135°	+13°	257°	-18°	3.9dB	382°K	380750 +269 Hz
2023-06-29	Thursday	14:00	142°	+16°	0 dB	0°	142°	+16°	264°	-18°	3.9dB	383°K	380624 +242 Hz
2023-06-29	Thursday	14:30	148°	+19°	0 dB	0°	148°	+19°	272°	-18°	3.9dB	384°K	380498 +212 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-06-29	Thursday	15:00	155°	+22°	0 dB	0°	155°	+22°	279°	-18°	3.9dB	385°K	380372 +180 Hz
2023-06-29	Thursday	15:30	162°	+23°	0 dB	0°	162°	+23°	286°	-18°	3.9dB	386°K	380246 +146 Hz
2023-06-29	Thursday	16:00	170°	+24°	0 dB	0°	170°	+24°	293°	-18°	3.9dB	387°K	380120 +110 Hz
2023-06-29	Thursday	16:30	178°	+25°	0 dB	0°	178°	+25°	301°	-18°	3.9dB	388°K	379994 +74 Hz
2023-06-29	Thursday	17:00	185°	+25°	0 dB	0°	185°	+25°	308°	-18°	3.9dB	390°K	379868 +37 Hz
2023-06-29	Thursday	17:30	193°	+24°	0 dB	0°	193°	+24°	315°	-18°	4.0dB	391°K	379742 +1 Hz
2023-06-29	Thursday	18:00	200°	+22°	0 dB	0°	200°	+22°	322°	-19°	4.0dB	392°K	379616 -34 Hz
2023-06-29	Thursday	18:30	207°	+20°	0 dB	0°	207°	+20°	330°	-19°	4.0dB	393°K	379490 -67 Hz
2023-06-29	Thursday	19:00	214°	+17°	0 dB	0°	214°	+17°	337°	-19°	4.0dB	394°K	379365 -98 Hz
2023-06-29	Thursday	19:30	220°	+14°	0 dB	0°	220°	+14°	344°	-19°	4.0dB	395°K	379239 -126 Hz
2023-06-29	Thursday	20:00	226°	+11°	0 dB	0°	226°	+11°	351°	-19°	4.0dB	396°K	379114 -151 Hz
2023-06-29	Thursday	20:30	232°	+7°	0 dB	0°	232°	+7°	359°	-19°	4.0dB	396°K	378988 -172 Hz
2023-06-29	Thursday	21:00	237°	+3°	0 dB	0°	237°	+3°	366°	-19°	4.0dB	397°K	378863 -190 Hz
2023-06-30	Fri day	13:30	128°	+3°	0 dB	0°	128°	+3°	244°	-22°	4.2dB	449°K	374791 +296 Hz
2023-06-30	Fri day	14:00	133°	+6°	0 dB	0°	133°	+6°	252°	-22°	4.3dB	451°K	374671 +276 Hz
2023-06-30	Fri day	14:30	139°	+10°	0 dB	0°	139°	+10°	259°	-22°	4.3dB	453°K	374550 +253 Hz
2023-06-30	Fri day	15:00	145°	+13°	0 dB	0°	145°	+13°	266°	-22°	4.3dB	456°K	374430 +227 Hz
2023-06-30	Fri day	15:30	152°	+15°	0 dB	0°	152°	+15°	273°	-23°	4.3dB	458°K	374311 +197 Hz
2023-06-30	Fri day	16:00	158°	+17°	0 dB	0°	158°	+17°	281°	-23°	4.3dB	461°K	374191 +166 Hz
2023-06-30	Fri day	16:30	165°	+19°	0 dB	0°	165°	+19°	288°	-23°	4.3dB	463°K	374072 +132 Hz
2023-06-30	Fri day	17:00	172°	+20°	0 dB	0°	172°	+20°	295°	-23°	4.4dB	466°K	373953 +98 Hz
2023-06-30	Fri day	17:30	179°	+20°	0 dB	0°	179°	+20°	302°	-23°	4.4dB	468°K	373834 +62 Hz
2023-06-30	Fri day	18:00	186°	+20°	0 dB	0°	186°	+20°	309°	-23°	4.4dB	470°K	373716 +27 Hz
2023-06-30	Fri day	18:30	193°	+19°	0 dB	0°	193°	+19°	317°	-23°	4.4dB	473°K	373597 -7 Hz
2023-06-30	Fri day	19:00	200°	+17°	0 dB	0°	200°	+17°	324°	-23°	4.4dB	475°K	373479 -41 Hz
2023-06-30	Fri day	19:30	207°	+15°	0 dB	0°	207°	+15°	331°	-23°	4.4dB	478°K	373362 -72 Hz
2023-06-30	Fri day	20:00	213°	+13°	0 dB	0°	213°	+13°	338°	-23°	4.5dB	483°K	373244 -102 Hz
2023-06-30	Fri day	20:30	219°	+10°	0 dB	0°	219°	+10°	346°	-23°	4.5dB	488°K	373127 -128 Hz
2023-06-30	Fri day	21:00	225°	+6°	0 dB	0°	225°	+6°	353°	-23°	4.5dB	494°K	373010 -151 Hz
2023-06-30	Fri day	21:30	230°	+2°	0 dB	0°	230°	+2°	360°	-24°	4.6dB	499°K	372894 -171 Hz
2023-07-01	Saturday	14:30	130°	+0°	0 dB	0°	130°	+0°	245°	-26°	6.1dB	763°K	369131 +280 Hz
2023-07-01	Saturday	15:00	136°	+4°	0 dB	0°	136°	+4°	252°	-26°	6.1dB	774°K	369027 +261 Hz
2023-07-01	Saturday	15:30	141°	+7°	0 dB	0°	141°	+7°	259°	-26°	6.2dB	786°K	368924 +238 Hz
2023-07-01	Saturday	16:00	147°	+10°	0 dB	0°	147°	+10°	267°	-26°	6.2dB	797°K	368821 +212 Hz
2023-07-01	Saturday	16:30	153°	+12°	0 dB	0°	153°	+12°	274°	-26°	6.3dB	808°K	368719 +184 Hz
2023-07-01	Saturday	17:00	160°	+14°	0 dB	0°	160°	+14°	281°	-26°	6.3dB	820°K	368617 +153 Hz
2023-07-01	Saturday	17:30	166°	+16°	0 dB	0°	166°	+16°	288°	-26°	6.4dB	831°K	368515 +121 Hz
2023-07-01	Saturday	18:00	173°	+17°	0 dB	0°	173°	+17°	295°	-26°	6.4dB	842°K	368414 +87 Hz
2023-07-01	Saturday	18:30	180°	+17°	0 dB	0°	180°	+17°	303°	-26°	6.5dB	854°K	368313 +53 Hz
2023-07-01	Saturday	19:00	186°	+17°	0 dB	0°	186°	+17°	310°	-26°	6.5dB	865°K	368213 +19 Hz
2023-07-01	Saturday	19:30	193°	+16°	0 dB	0°	193°	+16°	317°	-26°	6.6dB	890°K	368113 -14 Hz
2023-07-01	Saturday	20:00	199°	+14°	0 dB	0°	199°	+14°	324°	-26°	6.8dB	923°K	368014 -47 Hz
2023-07-01	Saturday	20:30	206°	+12°	0 dB	0°	206°	+12°	331°	-26°	6.9dB	955°K	367915 -77 Hz
2023-07-01	Saturday	21:00	212°	+10°	0 dB	0°	212°	+10°	338°	-26°	7.1dB	988°K	367817 -106 Hz
2023-07-01	Saturday	21:30	218°	+7°	0 dB	0°	218°	+7°	346°	-27°	7.2dB	1021°K	367719 -131 Hz
2023-07-01	Saturday	22:00	223°	+4°	0 dB	0°	223°	+4°	353°	-27°	7.3dB	1053°K	367622 -154 Hz
2023-07-01	Saturday	22:30	229°	-0°	0 dB	0°	229°	-0°	0°	-27°	7.4dB	1086°K	367525 -173 Hz
2023-07-02	Sunday	16:00	136°	+2°	0 dB	0°	136°	+2°	251°	-28°	11.7dB	3094°K	364475 +246 Hz
2023-07-02	Sunday	16:30	141°	+5°	0 dB	0°	141°	+5°	259°	-28°	11.8dB	3172°K	364398 +225 Hz
2023-07-02	Sunday	17:00	147°	+8°	0 dB	0°	147°	+8°	266°	-28°	11.9dB	3250°K	364322 +200 Hz
2023-07-02	Sunday	17:30	153°	+10°	0 dB	0°	153°	+10°	273°	-28°	11.9dB	3289°K	364247 +172 Hz
2023-07-02	Sunday	18:00	159°	+12°	0 dB	0°	159°	+12°	280°	-28°	11.9dB	3233°K	364172 +142 Hz
2023-07-02	Sunday	18:30	166°	+14°	0 dB	0°	166°	+14°	287°	-28°	11.8dB	3177°K	364098 +111 Hz
2023-07-02	Sunday	19:00	172°	+15°	0 dB	0°	172°	+15°	294°	-28°	11.7dB	3121°K	364024 +78 Hz
2023-07-02	Sunday	19:30	179°	+15°	0 dB	0°	179°	+15°	302°	-28°	11.6dB	3065°K	363951 +45 Hz
2023-07-02	Sunday	20:00	185°	+15°	0 dB	0°	185°	+15°	309°	-28°	11.5dB	3008°K	363879 +11 Hz
2023-07-02	Sunday	20:30	192°	+14°	0 dB	0°	192°	+14°	316°	-28°	11.5dB	2952°K	363807 -22 Hz
2023-07-02	Sunday	21:00	198°	+13°	0 dB	0°	198°	+13°	323°	-28°	11.4dB	2896°K	363736 -54 Hz
2023-07-02	Sunday	21:30	205°	+11°	0 dB	0°	205°	+11°	330°	-28°	11.3dB	2839°K	363665 -84 Hz
2023-07-02	Sunday	22:00	211°	+9°	0 dB	0°	211°	+9°	337°	-28°	11.2dB	2783°K	363596 -113 Hz
2023-07-02	Sunday	22:30	216°	+6°	0 dB	0°	216°	+6°	345°	-28°	11.1dB	2727°K	363526 -139 Hz
2023-07-02	Sunday	23:00	222°	+3°	0 dB	0°	222°	+3°	352°	-28°	11.0dB	2670°K	363458 -161 Hz
2023-07-03	Monday	17:00	135°	+1°	0 dB	0°	135°	+1°	250°	-27°	5.9dB	801°K	361443 +235 Hz
2023-07-03	Monday	17:30	140°	+5°	0 dB	0°	140°	+5°	257°	-27°	5.8dB	785°K	361400 +214 Hz
2023-07-03	Monday	18:00	146°	+8°	0 dB	0°	146°	+8°	264°	-27°	5.7dB	769°K	361358 +189 Hz
2023-07-03	Monday	18:30	152°	+10°	0 dB	0°	152°	+10°	272°	-27°	5.6dB	752°K	361316 +162 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-03	Monday	19:00	158°	+12°	0 dB	0°	158°	+12°	279°	-27°	5.6dB	736°K	361275 +133 Hz
2023-07-03	Monday	19:30	164°	+14°	0 dB	0°	164°	+14°	286°	-27°	5.5dB	720°K	361235 +102 Hz
2023-07-03	Monday	20:00	171°	+15°	0 dB	0°	171°	+15°	293°	-27°	5.4dB	704°K	361196 +69 Hz
2023-07-03	Monday	20:30	177°	+16°	0 dB	0°	177°	+16°	300°	-27°	5.3dB	688°K	361157 +35 Hz
2023-07-03	Monday	21:00	184°	+16°	0 dB	0°	184°	+16°	307°	-27°	5.2dB	672°K	361119 +2 Hz
2023-07-03	Monday	21:30	191°	+15°	0 dB	0°	191°	+15°	315°	-27°	5.1dB	655°K	361082 -32 Hz
2023-07-03	Monday	22:00	197°	+14°	0 dB	0°	197°	+14°	322°	-27°	5.0dB	639°K	361046 -64 Hz
2023-07-03	Monday	22:30	204°	+12°	0 dB	0°	204°	+12°	329°	-27°	4.9dB	623°K	361010 -95 Hz
2023-07-03	Monday	23:00	210°	+10°	0 dB	0°	210°	+10°	336°	-27°	4.8dB	607°K	360975 -125 Hz
2023-07-03	Monday	23:30	216°	+7°	0 dB	0°	216°	+7°	343°	-27°	4.7dB	591°K	360940 -151 Hz
2023-07-04	Tuesday	00:00	221°	+4°	0 dB	0°	221°	+4°	350°	-27°	4.6dB	575°K	360907 -175 Hz
2023-07-04	Tuesday	00:30	227°	+1°	0 dB	0°	227°	+1°	358°	-27°	4.4dB	559°K	360874 -196 Hz
2023-07-04	Tuesday	18:00	133°	+3°	0 dB	0°	133°	+3°	249°	-25°	2.6dB	348°K	360189 +226 Hz
2023-07-04	Tuesday	18:30	138°	+6°	0 dB	0°	138°	+6°	256°	-25°	2.6dB	346°K	360183 +205 Hz
2023-07-04	Tuesday	19:00	144°	+9°	0 dB	0°	144°	+9°	263°	-25°	2.6dB	344°K	360178 +180 Hz
2023-07-04	Tuesday	19:30	150°	+12°	0 dB	0°	150°	+12°	270°	-25°	2.5dB	342°K	360173 +153 Hz
2023-07-04	Tuesday	20:00	156°	+15°	0 dB	0°	156°	+15°	278°	-25°	2.5dB	340°K	360169 +123 Hz
2023-07-04	Tuesday	20:30	163°	+16°	0 dB	0°	163°	+16°	285°	-25°	2.5dB	338°K	360165 +91 Hz
2023-07-04	Tuesday	21:00	169°	+18°	0 dB	0°	169°	+18°	292°	-25°	2.5dB	336°K	360163 +58 Hz
2023-07-04	Tuesday	21:30	176°	+18°	0 dB	0°	176°	+18°	299°	-24°	2.4dB	334°K	360161 +24 Hz
2023-07-04	Tuesday	22:00	183°	+19°	0 dB	0°	183°	+19°	306°	-24°	2.4dB	332°K	360160 -11 Hz
2023-07-04	Tuesday	22:30	190°	+18°	0 dB	0°	190°	+18°	313°	-24°	2.4dB	330°K	360159 -46 Hz
2023-07-04	Tuesday	23:00	197°	+17°	0 dB	0°	197°	+17°	321°	-24°	2.4dB	329°K	360160 -80 Hz
2023-07-04	Tuesday	23:30	204°	+15°	0 dB	0°	204°	+15°	328°	-24°	2.4dB	327°K	360161 -112 Hz
2023-07-05	Wednesday	00:00	210°	+13°	0 dB	0°	210°	+13°	335°	-24°	2.4dB	326°K	360163 -142 Hz
2023-07-05	Wednesday	00:30	216°	+10°	0 dB	0°	216°	+10°	342°	-24°	2.4dB	326°K	360165 -171 Hz
2023-07-05	Wednesday	01:00	222°	+7°	0 dB	0°	222°	+7°	349°	-24°	2.4dB	326°K	360168 -196 Hz
2023-07-05	Wednesday	01:30	228°	+4°	0 dB	0°	228°	+4°	357°	-24°	2.4dB	326°K	360172 -218 Hz
2023-07-05	Wednesday	02:00	233°	+0°	0 dB	0°	233°	+0°	4°	-24°	2.4dB	326°K	360177 -236 Hz
2023-07-05	Wednesday	18:30	124°	+2°	0 dB	0°	124°	+2°	241°	-21°	2.4dB	326°K	360728 +235 Hz
2023-07-05	Wednesday	19:00	130°	+6°	0 dB	0°	130°	+6°	249°	-21°	2.4dB	326°K	360756 +217 Hz
2023-07-05	Wednesday	19:30	136°	+10°	0 dB	0°	136°	+10°	256°	-21°	2.4dB	326°K	360786 +196 Hz
2023-07-05	Wednesday	20:00	142°	+13°	0 dB	0°	142°	+13°	263°	-20°	2.4dB	326°K	360815 +171 Hz
2023-07-05	Wednesday	20:30	148°	+16°	0 dB	0°	148°	+16°	270°	-20°	2.4dB	326°K	360846 +143 Hz
2023-07-05	Wednesday	21:00	154°	+19°	0 dB	0°	154°	+19°	277°	-20°	2.4dB	326°K	360877 +112 Hz
2023-07-05	Wednesday	21:30	161°	+21°	0 dB	0°	161°	+21°	285°	-20°	2.4dB	326°K	360908 +79 Hz
2023-07-05	Wednesday	22:00	169°	+22°	0 dB	0°	169°	+22°	292°	-20°	2.4dB	326°K	360941 +44 Hz
2023-07-05	Wednesday	22:30	176°	+23°	0 dB	0°	176°	+23°	299°	-20°	2.4dB	326°K	360974 +8 Hz
2023-07-05	Wednesday	23:00	183°	+23°	0 dB	0°	183°	+23°	306°	-20°	2.4dB	326°K	361007 -28 Hz
2023-07-05	Wednesday	23:30	191°	+23°	0 dB	0°	191°	+23°	313°	-20°	2.4dB	325°K	361042 -64 Hz
2023-07-06	Thursday	00:00	198°	+22°	0 dB	0°	198°	+22°	321°	-20°	2.4dB	323°K	361077 -100 Hz
2023-07-06	Thursday	00:30	205°	+20°	0 dB	0°	205°	+20°	328°	-20°	2.4dB	322°K	361112 -133 Hz
2023-07-06	Thursday	01:00	212°	+17°	0 dB	0°	212°	+17°	335°	-19°	2.3dB	321°K	361149 -165 Hz
2023-07-06	Thursday	01:30	218°	+15°	0 dB	0°	218°	+15°	342°	-19°	2.3dB	320°K	361185 -194 Hz
2023-07-06	Thursday	02:00	225°	+11°	0 dB	0°	225°	+11°	349°	-19°	2.3dB	318°K	361223 -221 Hz
2023-07-06	Thursday	02:30	230°	+8°	0 dB	0°	230°	+8°	357°	-19°	2.3dB	317°K	361261 -244 Hz
2023-07-06	Thursday	03:00	236°	+4°	0 dB	0°	236°	+4°	4°	-19°	2.3dB	316°K	361300 -263 Hz
2023-07-06	Thursday	03:30	241°	-0°	0 dB	0°	241°	-0°	11°	-19°	2.3dB	315°K	361339 -278 Hz
2023-07-06	Thursday	19:00	116°	+3°	0 dB	0°	116°	+3°	235°	-15°	1.7dB	264°K	362858 +242 Hz
2023-07-06	Thursday	19:30	122°	+7°	0 dB	0°	122°	+7°	242°	-15°	1.7dB	262°K	362916 +228 Hz
2023-07-06	Thursday	20:00	127°	+11°	0 dB	0°	127°	+11°	249°	-15°	1.7dB	260°K	362975 +209 Hz
2023-07-06	Thursday	20:30	133°	+15°	0 dB	0°	133°	+15°	257°	-15°	1.7dB	258°K	363034 +186 Hz
2023-07-06	Thursday	21:00	140°	+19°	0 dB	0°	140°	+19°	264°	-15°	1.6dB	256°K	363094 +160 Hz
2023-07-06	Thursday	21:30	146°	+22°	0 dB	0°	146°	+22°	271°	-15°	1.6dB	254°K	363154 +130 Hz
2023-07-06	Thursday	22:00	153°	+25°	0 dB	0°	153°	+25°	278°	-14°	1.6dB	252°K	363215 +97 Hz
2023-07-06	Thursday	22:30	161°	+27°	0 dB	0°	161°	+27°	286°	-14°	1.6dB	250°K	363276 +62 Hz
2023-07-06	Thursday	23:00	169°	+28°	0 dB	0°	169°	+28°	293°	-14°	1.5dB	248°K	363338 +26 Hz
2023-07-06	Thursday	23:30	177°	+29°	0 dB	0°	177°	+29°	300°	-14°	1.5dB	246°K	363400 -11 Hz
2023-07-07	Fri day	00:00	185°	+29°	0 dB	0°	185°	+29°	307°	-14°	1.5dB	244°K	363463 -49 Hz
2023-07-07	Fri day	00:30	193°	+28°	0 dB	0°	193°	+28°	315°	-14°	1.5dB	243°K	363526 -87 Hz
2023-07-07	Fri day	01:00	201°	+27°	0 dB	0°	201°	+27°	322°	-14°	1.5dB	243°K	363590 -123 Hz
2023-07-07	Fri day	01:30	208°	+25°	0 dB	0°	208°	+25°	329°	-14°	1.5dB	243°K	363654 -158 Hz
2023-07-07	Fri day	02:00	215°	+22°	0 dB	0°	215°	+22°	336°	-13°	1.5dB	243°K	363719 -191 Hz
2023-07-07	Fri day	02:30	222°	+19°	0 dB	0°	222°	+19°	343°	-13°	1.5dB	243°K	363784 -220 Hz
2023-07-07	Fri day	03:00	229°	+16°	0 dB	0°	229°	+16°	351°	-13°	1.5dB	243°K	363850 -247 Hz
2023-07-07	Fri day	03:30	235°	+12°	0 dB	0°	235°	+12°	358°	-13°	1.5dB	243°K	363916 -270 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-07-07	Fri day	04:00	241°	+8°	0 dB	0°	241°	+8°	5°	-13°	1.5dB	243°K	363982	-289 Hz
2023-07-07	Fri day	04:30	246°	+4°	0 dB	0°	246°	+4°	12°	-13°	1.5dB	243°K	364050	-304 Hz
2023-07-07	Fri day	19:30	108°	+4°	0 dB	0°	108°	+4°	230°	-9°	1.6dB	241°K	366270	+248 Hz
2023-07-07	Fri day	20:00	114°	+9°	0 dB	0°	114°	+9°	237°	-9°	1.6dB	241°K	366350	+236 Hz
2023-07-07	Fri day	20:30	119°	+13°	0 dB	0°	119°	+13°	244°	-9°	1.6dB	241°K	366431	+219 Hz
2023-07-07	Fri day	21:00	125°	+18°	0 dB	0°	125°	+18°	251°	-8°	1.6dB	241°K	366512	+199 Hz
2023-07-07	Fri day	21:30	131°	+22°	0 dB	0°	131°	+22°	259°	-8°	1.6dB	241°K	366593	+174 Hz
2023-07-07	Fri day	22:00	138°	+26°	0 dB	0°	138°	+26°	266°	-8°	1.6dB	240°K	366675	+146 Hz
2023-07-07	Fri day	22:30	145°	+29°	0 dB	0°	145°	+29°	273°	-8°	1.6dB	240°K	366757	+114 Hz
2023-07-07	Fri day	23:00	153°	+32°	0 dB	0°	153°	+32°	280°	-8°	1.6dB	240°K	366839	+80 Hz
2023-07-07	Fri day	23:30	161°	+34°	0 dB	0°	161°	+34°	288°	-8°	1.6dB	240°K	366922	+43 Hz
2023-07-08	Saturday	00:00	170°	+35°	0 dB	0°	170°	+35°	295°	-8°	1.6dB	240°K	367005	+5 Hz
2023-07-08	Saturday	00:30	179°	+36°	0 dB	0°	179°	+36°	302°	-8°	1.6dB	240°K	367088	-33 Hz
2023-07-08	Saturday	01:00	188°	+35°	0 dB	0°	188°	+35°	309°	-7°	1.6dB	239°K	367172	-72 Hz
2023-07-08	Saturday	01:30	197°	+35°	0 dB	0°	197°	+35°	317°	-7°	1.6dB	239°K	367256	-111 Hz
2023-07-08	Saturday	02:00	205°	+33°	0 dB	0°	205°	+33°	324°	-7°	1.6dB	239°K	367341	-148 Hz
2023-07-08	Saturday	02:30	213°	+31°	0 dB	0°	213°	+31°	331°	-7°	1.6dB	239°K	367425	-183 Hz
2023-07-08	Saturday	03:00	221°	+28°	0 dB	0°	221°	+28°	338°	-7°	1.6dB	239°K	367510	-215 Hz
2023-07-08	Saturday	03:30	228°	+24°	0 dB	0°	228°	+24°	346°	-7°	1.6dB	239°K	367596	-245 Hz
2023-07-08	Saturday	04:00	235°	+20°	0 dB	0°	235°	+20°	353°	-7°	1.6dB	239°K	367682	-271 Hz
2023-07-08	Saturday	04:30	241°	+16°	0 dB	0°	241°	+16°	0°	-6°	1.6dB	239°K	367768	-293 Hz
2023-07-08	Saturday	05:00	247°	+12°	0 dB	0°	247°	+12°	7°	-6°	1.6dB	239°K	367854	-311 Hz
2023-07-08	Saturday	05:30	252°	+7°	0 dB	0°	252°	+7°	15°	-6°	1.6dB	239°K	367940	-325 Hz
2023-07-08	Saturday	06:00	258°	+2°	0 dB	0°	258°	+2°	22°	-6°	1.6dB	239°K	368027	-333 Hz
2023-07-08	Saturday	19:30	095°	+1°	0 dB	0°	095°	+1°	218°	-2°	1.8dB	246°K	370474	+255 Hz
2023-07-08	Saturday	20:00	100°	+6°	0 dB	0°	100°	+6°	225°	-2°	1.8dB	246°K	370568	+250 Hz
2023-07-08	Saturday	20:30	106°	+11°	0 dB	0°	106°	+11°	232°	-2°	1.9dB	247°K	370662	+241 Hz
2023-07-08	Saturday	21:00	111°	+16°	0 dB	0°	111°	+16°	240°	-2°	1.9dB	248°K	370756	+227 Hz
2023-07-08	Saturday	21:30	117°	+20°	0 dB	0°	117°	+20°	247°	-2°	1.9dB	248°K	370851	+209 Hz
2023-07-08	Saturday	22:00	123°	+25°	0 dB	0°	123°	+25°	254°	-2°	1.9dB	249°K	370945	+186 Hz
2023-07-08	Saturday	22:30	130°	+29°	0 dB	0°	130°	+29°	261°	-2°	1.9dB	249°K	371040	+159 Hz
2023-07-08	Saturday	23:00	137°	+33°	0 dB	0°	137°	+33°	269°	-1°	1.9dB	250°K	371135	+129 Hz
2023-07-08	Saturday	23:30	145°	+36°	0 dB	0°	145°	+36°	276°	-1°	1.9dB	251°K	371230	+96 Hz
2023-07-09	Sunday	00:00	154°	+39°	0 dB	0°	154°	+39°	283°	-1°	1.9dB	251°K	371325	+60 Hz
2023-07-09	Sunday	00:30	163°	+41°	0 dB	0°	163°	+41°	290°	-1°	2.0dB	252°K	371421	+22 Hz
2023-07-09	Sunday	01:00	173°	+42°	0 dB	0°	173°	+42°	298°	-1°	2.0dB	252°K	371517	-17 Hz
2023-07-09	Sunday	01:30	183°	+43°	0 dB	0°	183°	+43°	305°	-1°	2.0dB	253°K	371613	-56 Hz
2023-07-09	Sunday	02:00	193°	+42°	0 dB	0°	193°	+42°	312°	-1°	2.0dB	254°K	371709	-95 Hz
2023-07-09	Sunday	02:30	202°	+41°	0 dB	0°	202°	+41°	320°	-0°	2.0dB	254°K	371805	-134 Hz
2023-07-09	Sunday	03:00	211°	+38°	0 dB	0°	211°	+38°	327°	-0°	2.0dB	255°K	371901	-170 Hz
2023-07-09	Sunday	03:30	220°	+36°	0 dB	0°	220°	+36°	334°	-0°	2.0dB	255°K	371998	-205 Hz
2023-07-09	Sunday	04:00	228°	+32°	0 dB	0°	228°	+32°	341°	-0°	2.1dB	256°K	372094	-237 Hz
2023-07-09	Sunday	04:30	235°	+28°	0 dB	0°	235°	+28°	349°	-0°	2.1dB	256°K	372191	-265 Hz
2023-07-09	Sunday	05:00	242°	+24°	0 dB	0°	242°	+24°	356°	+0°	2.1dB	257°K	372288	-290 Hz
2023-07-09	Sunday	05:30	248°	+20°	0 dB	0°	248°	+20°	3°	+0°	2.1dB	258°K	372385	-311 Hz
2023-07-09	Sunday	06:00	254°	+15°	0 dB	0°	254°	+15°	10°	+1°	2.1dB	258°K	372482	-327 Hz
2023-07-09	Sunday	06:30	259°	+10°	0 dB	0°	259°	+10°	18°	+1°	2.1dB	259°K	372580	-338 Hz
2023-07-09	Sunday	07:00	265°	+5°	0 dB	0°	265°	+5°	25°	+1°	2.1dB	259°K	372677	-345 Hz
2023-07-09	Sunday	07:30	270°	+0°	0 dB	0°	270°	+0°	32°	+1°	2.1dB	260°K	372775	-346 Hz
2023-07-09	Sunday	20:00	088°	+3°	0 dB	0°	088°	+3°	214°	+4°	2.5dB	275°K	375247	+252 Hz
2023-07-09	Sunday	20:30	093°	+8°	0 dB	0°	093°	+8°	221°	+4°	2.5dB	275°K	375347	+251 Hz
2023-07-09	Sunday	21:00	098°	+13°	0 dB	0°	098°	+13°	228°	+5°	2.5dB	276°K	375447	+244 Hz
2023-07-09	Sunday	21:30	103°	+18°	0 dB	0°	103°	+18°	236°	+5°	2.5dB	277°K	375547	+233 Hz
2023-07-09	Sunday	22:00	109°	+23°	0 dB	0°	109°	+23°	243°	+5°	2.5dB	277°K	375647	+217 Hz
2023-07-09	Sunday	22:30	115°	+28°	0 dB	0°	115°	+28°	250°	+5°	2.5dB	278°K	375747	+196 Hz
2023-07-09	Sunday	23:00	122°	+32°	0 dB	0°	122°	+32°	257°	+5°	2.5dB	278°K	375847	+171 Hz
2023-07-09	Sunday	23:30	129°	+37°	0 dB	0°	129°	+37°	265°	+5°	2.5dB	279°K	375947	+143 Hz
2023-07-10	Monday	00:00	137°	+41°	0 dB	0°	137°	+41°	272°	+5°	2.6dB	280°K	376047	+111 Hz
2023-07-10	Monday	00:30	146°	+44°	0 dB	0°	146°	+44°	279°	+5°	2.6dB	280°K	376148	+77 Hz
2023-07-10	Monday	01:00	155°	+46°	0 dB	0°	155°	+46°	286°	+6°	2.6dB	281°K	376248	+40 Hz
2023-07-10	Monday	01:30	166°	+48°	0 dB	0°	166°	+48°	294°	+6°	2.6dB	281°K	376348	+2 Hz
2023-07-10	Monday	02:00	177°	+49°	0 dB	0°	177°	+49°	301°	+6°	2.6dB	282°K	376448	-37 Hz
2023-07-10	Monday	02:30	188°	+49°	0 dB	0°	188°	+49°	308°	+6°	2.6dB	283°K	376549	-77 Hz
2023-07-10	Monday	03:00	199°	+48°	0 dB	0°	199°	+48°	316°	+6°	2.6dB	283°K	376649	-116 Hz
2023-07-10	Monday	03:30	209°	+46°	0 dB	0°	209°	+46°	323°	+6°	2.6dB	284°K	376749	-153 Hz
2023-07-10	Monday	04:00	219°	+43°	0 dB	0°	219°	+43°	330°	+6°	2.6dB	284°K	376850	-189 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-07-10	Monday	04:30	228°	+40°	0 dB	0°	228°	+40°	337°	+7°	2.7dB	285°K	376950	-222 Hz
2023-07-10	Monday	05:00	235°	+36°	0 dB	0°	235°	+36°	345°	+7°	2.7dB	286°K	377050	-252 Hz
2023-07-10	Monday	05:30	243°	+32°	0 dB	0°	243°	+32°	352°	+7°	2.7dB	286°K	377151	-279 Hz
2023-07-10	Monday	06:00	249°	+27°	0 dB	0°	249°	+27°	359°	+7°	2.7dB	287°K	377251	-301 Hz
2023-07-10	Monday	06:30	255°	+23°	0 dB	0°	255°	+23°	6°	+7°	2.7dB	287°K	377351	-320 Hz
2023-07-10	Monday	07:00	261°	+18°	0 dB	0°	261°	+18°	14°	+7°	2.7dB	288°K	377452	-333 Hz
2023-07-10	Monday	07:30	266°	+13°	0 dB	0°	266°	+13°	21°	+7°	2.7dB	288°K	377552	-342 Hz
2023-07-10	Monday	08:00	272°	+8°	0 dB	0°	272°	+8°	28°	+7°	2.7dB	289°K	377652	-347 Hz
2023-07-10	Monday	08:30	277°	+3°	0 dB	0°	277°	+3°	35°	+8°	2.8dB	290°K	377753	-346 Hz
2023-07-10	Monday	20:30	080°	+4°	0 dB	0°	080°	+4°	210°	+11°	3.0dB	300°K	380152	+248 Hz
2023-07-10	Monday	21:00	085°	+10°	0 dB	0°	085°	+10°	217°	+11°	3.0dB	300°K	380251	+249 Hz
2023-07-10	Monday	21:30	091°	+15°	0 dB	0°	091°	+15°	224°	+11°	3.0dB	300°K	380351	+245 Hz
2023-07-10	Monday	22:00	096°	+20°	0 dB	0°	096°	+20°	232°	+11°	3.0dB	300°K	380450	+236 Hz
2023-07-10	Monday	22:30	101°	+25°	0 dB	0°	101°	+25°	239°	+11°	3.0dB	301°K	380549	+222 Hz
2023-07-10	Monday	23:00	107°	+30°	0 dB	0°	107°	+30°	246°	+11°	3.0dB	301°K	380648	+204 Hz
2023-07-10	Monday	23:30	113°	+35°	0 dB	0°	113°	+35°	253°	+11°	3.0dB	301°K	380747	+182 Hz
2023-07-11	Tuesday	00:00	120°	+40°	0 dB	0°	120°	+40°	261°	+11°	3.0dB	302°K	380846	+156 Hz
2023-07-11	Tuesday	00:30	128°	+44°	0 dB	0°	128°	+44°	268°	+12°	3.1dB	302°K	380945	+126 Hz
2023-07-11	Tuesday	01:00	137°	+48°	0 dB	0°	137°	+48°	275°	+12°	3.1dB	302°K	381044	+94 Hz
2023-07-11	Tuesday	01:30	146°	+51°	0 dB	0°	146°	+51°	282°	+12°	3.1dB	303°K	381143	+59 Hz
2023-07-11	Tuesday	02:00	158°	+54°	0 dB	0°	158°	+54°	290°	+12°	3.1dB	303°K	381241	+22 Hz
2023-07-11	Tuesday	02:30	170°	+55°	0 dB	0°	170°	+55°	297°	+12°	3.1dB	303°K	381340	-17 Hz
2023-07-11	Tuesday	03:00	182°	+56°	0 dB	0°	182°	+56°	304°	+12°	3.1dB	303°K	381438	-55 Hz
2023-07-11	Tuesday	03:30	195°	+55°	0 dB	0°	195°	+55°	312°	+12°	3.1dB	304°K	381537	-94 Hz
2023-07-11	Tuesday	04:00	207°	+53°	0 dB	0°	207°	+53°	319°	+12°	3.1dB	304°K	381635	-131 Hz
2023-07-11	Tuesday	04:30	218°	+51°	0 dB	0°	218°	+51°	326°	+12°	3.1dB	306°K	381733	-168 Hz
2023-07-11	Tuesday	05:00	227°	+47°	0 dB	0°	227°	+47°	333°	+13°	3.2dB	307°K	381831	-202 Hz
2023-07-11	Tuesday	05:30	236°	+43°	0 dB	0°	236°	+43°	341°	+13°	3.2dB	309°K	381930	-233 Hz
2023-07-11	Tuesday	06:00	244°	+39°	0 dB	0°	244°	+39°	348°	+13°	3.2dB	310°K	382027	-261 Hz
2023-07-11	Tuesday	06:30	250°	+34°	0 dB	0°	250°	+34°	355°	+13°	3.2dB	312°K	382125	-285 Hz
2023-07-11	Tuesday	07:00	257°	+30°	0 dB	0°	257°	+30°	2°	+13°	3.2dB	313°K	382223	-305 Hz
2023-07-11	Tuesday	07:30	262°	+25°	0 dB	0°	262°	+25°	10°	+13°	3.3dB	315°K	382321	-321 Hz
2023-07-11	Tuesday	08:00	268°	+20°	0 dB	0°	268°	+20°	17°	+13°	3.3dB	316°K	382418	-333 Hz
2023-07-11	Tuesday	08:30	273°	+15°	0 dB	0°	273°	+15°	24°	+13°	3.3dB	318°K	382516	-339 Hz
2023-07-11	Tuesday	09:00	278°	+10°	0 dB	0°	278°	+10°	31°	+14°	3.3dB	319°K	382613	-341 Hz
2023-07-11	Tuesday	09:30	284°	+5°	0 dB	0°	284°	+5°	39°	+14°	3.4dB	321°K	382710	-338 Hz
2023-07-11	Tuesday	10:00	289°	+0°	0 dB	0°	289°	+0°	46°	+14°	3.4dB	322°K	382807	-331 Hz
2023-07-11	Tuesday	20:30	069°	+1°	0 dB	0°	069°	+1°	198°	+16°	3.8dB	351°K	384819	+233 Hz
2023-07-11	Tuesday	21:00	074°	+6°	0 dB	0°	074°	+6°	206°	+16°	3.8dB	351°K	384914	+241 Hz
2023-07-11	Tuesday	21:30	078°	+11°	0 dB	0°	078°	+11°	213°	+16°	3.8dB	352°K	385008	+244 Hz
2023-07-11	Tuesday	22:00	083°	+16°	0 dB	0°	083°	+16°	220°	+16°	3.8dB	353°K	385102	+243 Hz
2023-07-11	Tuesday	22:30	088°	+21°	0 dB	0°	088°	+21°	227°	+17°	3.8dB	354°K	385196	+237 Hz
2023-07-11	Tuesday	23:00	094°	+26°	0 dB	0°	094°	+26°	235°	+17°	3.8dB	354°K	385290	+227 Hz
2023-07-11	Tuesday	23:30	099°	+31°	0 dB	0°	099°	+31°	242°	+17°	3.8dB	355°K	385384	+211 Hz
2023-07-12	Wednesday	00:00	105°	+36°	0 dB	0°	105°	+36°	249°	+17°	3.9dB	356°K	385477	+192 Hz
2023-07-12	Wednesday	00:30	111°	+41°	0 dB	0°	111°	+41°	257°	+17°	3.9dB	357°K	385571	+168 Hz
2023-07-12	Wednesday	01:00	119°	+46°	0 dB	0°	119°	+46°	264°	+17°	3.9dB	357°K	385664	+141 Hz
2023-07-12	Wednesday	01:30	127°	+50°	0 dB	0°	127°	+50°	271°	+17°	3.9dB	358°K	385757	+111 Hz
2023-07-12	Wednesday	02:00	136°	+54°	0 dB	0°	136°	+54°	278°	+17°	3.9dB	359°K	385850	+78 Hz
2023-07-12	Wednesday	02:30	147°	+57°	0 dB	0°	147°	+57°	286°	+17°	3.9dB	360°K	385943	+43 Hz
2023-07-12	Wednesday	03:00	160°	+60°	0 dB	0°	160°	+60°	293°	+17°	3.9dB	360°K	386035	+6 Hz
2023-07-12	Wednesday	03:30	174°	+61°	0 dB	0°	174°	+61°	300°	+18°	3.9dB	361°K	386128	-31 Hz
2023-07-12	Wednesday	04:00	189°	+61°	0 dB	0°	189°	+61°	307°	+18°	4.0dB	362°K	386220	-69 Hz
2023-07-12	Wednesday	04:30	203°	+60°	0 dB	0°	203°	+60°	315°	+18°	4.0dB	363°K	386312	-106 Hz
2023-07-12	Wednesday	05:00	215°	+57°	0 dB	0°	215°	+57°	322°	+18°	4.0dB	363°K	386404	-142 Hz
2023-07-12	Wednesday	05:30	226°	+54°	0 dB	0°	226°	+54°	329°	+18°	4.0dB	364°K	386496	-176 Hz
2023-07-12	Wednesday	06:00	236°	+50°	0 dB	0°	236°	+50°	336°	+18°	4.0dB	365°K	386588	-208 Hz
2023-07-12	Wednesday	06:30	244°	+46°	0 dB	0°	244°	+46°	344°	+18°	4.0dB	366°K	386680	-238 Hz
2023-07-12	Wednesday	07:00	251°	+41°	0 dB	0°	251°	+41°	351°	+18°	4.0dB	367°K	386771	-263 Hz
2023-07-12	Wednesday	07:30	258°	+36°	0 dB	0°	258°	+36°	358°	+18°	4.0dB	367°K	386862	-285 Hz
2023-07-12	Wednesday	08:00	263°	+31°	0 dB	0°	263°	+31°	5°	+18°	4.1dB	368°K	386953	-303 Hz
2023-07-12	Wednesday	08:30	269°	+26°	0 dB	0°	269°	+26°	13°	+19°	4.1dB	369°K	387044	-317 Hz
2023-07-12	Wednesday	09:00	274°	+21°	0 dB	0°	274°	+21°	20°	+19°	4.1dB	369°K	387135	-326 Hz
2023-07-12	Wednesday	09:30	279°	+16°	0 dB	0°	279°	+16°	27°	+19°	4.1dB	368°K	387226	-331 Hz
2023-07-12	Wednesday	10:00	284°	+12°	0 dB	0°	284°	+12°	34°	+19°	4.1dB	367°K	387316	-331 Hz
2023-07-12	Wednesday	10:30	289°	+7°	0 dB	0°	289°	+7°	42°	+19°	4.1dB	367°K	387406	-326 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-12	Wednesday	11:00	294°	+2°	0 dB	0°	294°	+2°	49°	+19°	4. 1dB	366°K	387496 -317 Hz
2023-07-12	Wednesday	21:00	062°	+2°	0 dB	0°	062°	+2°	194°	+21°	4. 0dB	350°K	389263 +222 Hz
2023-07-12	Wednesday	21:30	067°	+6°	0 dB	0°	067°	+6°	201°	+21°	4. 0dB	349°K	389349 +233 Hz
2023-07-12	Wednesday	22:00	072°	+11°	0 dB	0°	072°	+11°	208°	+21°	4. 0dB	349°K	389435 +239 Hz
2023-07-12	Wednesday	22:30	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	4. 0dB	348°K	389521 +240 Hz
2023-07-12	Wednesday	23:00	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	4. 0dB	348°K	389607 +237 Hz
2023-07-12	Wednesday	23:30	087°	+26°	0 dB	0°	087°	+26°	230°	+21°	4. 0dB	349°K	389693 +230 Hz
2023-07-13	Thursday	00:00	092°	+31°	0 dB	0°	092°	+31°	237°	+21°	4. 0dB	349°K	389779 +218 Hz
2023-07-13	Thursday	00:30	097°	+36°	0 dB	0°	097°	+36°	245°	+21°	4. 0dB	350°K	389864 +201 Hz
2023-07-13	Thursday	01:00	103°	+41°	0 dB	0°	103°	+41°	252°	+22°	4. 0dB	351°K	389949 +181 Hz
2023-07-13	Thursday	01:30	109°	+46°	0 dB	0°	109°	+46°	259°	+22°	4. 0dB	352°K	390034 +157 Hz
2023-07-13	Thursday	02:00	117°	+51°	0 dB	0°	117°	+51°	266°	+22°	4. 0dB	353°K	390119 +129 Hz
2023-07-13	Thursday	02:30	126°	+56°	0 dB	0°	126°	+56°	274°	+22°	4. 0dB	353°K	390204 +99 Hz
2023-07-13	Thursday	03:00	136°	+59°	0 dB	0°	136°	+59°	281°	+22°	4. 1dB	354°K	390288 +66 Hz
2023-07-13	Thursday	03:30	148°	+63°	0 dB	0°	148°	+63°	288°	+22°	4. 1dB	355°K	390372 +31 Hz
2023-07-13	Thursday	04:00	163°	+65°	0 dB	0°	163°	+65°	295°	+22°	4. 1dB	356°K	390456 -5 Hz
2023-07-13	Thursday	04:30	179°	+66°	0 dB	0°	179°	+66°	303°	+22°	4. 1dB	357°K	390540 -41 Hz
2023-07-13	Thursday	05:00	196°	+65°	0 dB	0°	196°	+65°	310°	+22°	4. 1dB	357°K	390624 -78 Hz
2023-07-13	Thursday	05:30	211°	+63°	0 dB	0°	211°	+63°	317°	+22°	4. 1dB	358°K	390707 -113 Hz
2023-07-13	Thursday	06:00	224°	+60°	0 dB	0°	224°	+60°	324°	+22°	4. 1dB	359°K	390791 -148 Hz
2023-07-13	Thursday	06:30	234°	+56°	0 dB	0°	234°	+56°	332°	+22°	4. 1dB	360°K	390874 -180 Hz
2023-07-13	Thursday	07:00	243°	+52°	0 dB	0°	243°	+52°	339°	+22°	4. 2dB	361°K	390957 -211 Hz
2023-07-13	Thursday	07:30	251°	+47°	0 dB	0°	251°	+47°	346°	+23°	4. 2dB	361°K	391039 -238 Hz
2023-07-13	Thursday	08:00	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	4. 2dB	362°K	391122 -262 Hz
2023-07-13	Thursday	08:30	264°	+38°	0 dB	0°	264°	+38°	1°	+23°	4. 2dB	363°K	391204 -282 Hz
2023-07-13	Thursday	09:00	269°	+33°	0 dB	0°	269°	+33°	8°	+23°	4. 2dB	364°K	391286 -298 Hz
2023-07-13	Thursday	09:30	274°	+28°	0 dB	0°	274°	+28°	15°	+23°	4. 2dB	365°K	391368 -309 Hz
2023-07-13	Thursday	10:00	279°	+23°	0 dB	0°	279°	+23°	22°	+23°	4. 2dB	365°K	391450 -317 Hz
2023-07-13	Thursday	10:30	284°	+18°	0 dB	0°	284°	+18°	30°	+23°	4. 2dB	366°K	391532 -320 Hz
2023-07-13	Thursday	11:00	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	4. 2dB	367°K	391613 -318 Hz
2023-07-13	Thursday	11:30	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	4. 3dB	368°K	391694 -312 Hz
2023-07-13	Thursday	12:00	299°	+4°	0 dB	0°	299°	+4°	51°	+23°	4. 3dB	369°K	391775 -302 Hz
2023-07-13	Thursday	12:30	304°	-0°	0 dB	0°	304°	-0°	59°	+23°	4. 3dB	369°K	391856 -287 Hz
2023-07-13	Thursday	21:30	056°	+1°	0 dB	0°	056°	+1°	189°	+25°	4. 5dB	390°K	393277 +210 Hz
2023-07-13	Thursday	22:00	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	4. 6dB	391°K	393354 +223 Hz
2023-07-13	Thursday	22:30	066°	+10°	0 dB	0°	066°	+10°	203°	+25°	4. 6dB	392°K	393430 +232 Hz
2023-07-13	Thursday	23:00	071°	+15°	0 dB	0°	071°	+15°	211°	+25°	4. 6dB	393°K	393507 +236 Hz
2023-07-13	Thursday	23:30	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	4. 6dB	394°K	393583 +237 Hz
2023-07-14	Fri day	00:00	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	4. 6dB	395°K	393660 +232 Hz
2023-07-14	Fri day	00:30	085°	+30°	0 dB	0°	085°	+30°	232°	+25°	4. 6dB	397°K	393736 +224 Hz
2023-07-14	Fri day	01:00	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	4. 7dB	398°K	393812 +211 Hz
2023-07-14	Fri day	01:30	095°	+40°	0 dB	0°	095°	+40°	247°	+25°	4. 7dB	399°K	393887 +193 Hz
2023-07-14	Fri day	02:00	101°	+45°	0 dB	0°	101°	+45°	254°	+25°	4. 7dB	400°K	393963 +173 Hz
2023-07-14	Fri day	02:30	108°	+50°	0 dB	0°	108°	+50°	261°	+25°	4. 7dB	401°K	394038 +148 Hz
2023-07-14	Fri day	03:00	115°	+55°	0 dB	0°	115°	+55°	269°	+25°	4. 7dB	403°K	394113 +120 Hz
2023-07-14	Fri day	03:30	124°	+59°	0 dB	0°	124°	+59°	276°	+25°	4. 7dB	404°K	394188 +90 Hz
2023-07-14	Fri day	04:00	136°	+63°	0 dB	0°	136°	+63°	283°	+25°	4. 7dB	405°K	394262 +58 Hz
2023-07-14	Fri day	04:30	150°	+67°	0 dB	0°	150°	+67°	290°	+25°	4. 8dB	407°K	394337 +24 Hz
2023-07-14	Fri day	05:00	166°	+69°	0 dB	0°	166°	+69°	298°	+25°	4. 8dB	408°K	394411 -12 Hz
2023-07-14	Fri day	05:30	185°	+69°	0 dB	0°	185°	+69°	305°	+25°	4. 8dB	409°K	394485 -47 Hz
2023-07-14	Fri day	06:00	202°	+68°	0 dB	0°	202°	+68°	312°	+25°	4. 8dB	410°K	394559 -82 Hz
2023-07-14	Fri day	06:30	218°	+65°	0 dB	0°	218°	+65°	319°	+26°	4. 8dB	412°K	394632 -117 Hz
2023-07-14	Fri day	07:00	231°	+62°	0 dB	0°	231°	+62°	327°	+26°	4. 8dB	413°K	394706 -150 Hz
2023-07-14	Fri day	07:30	241°	+58°	0 dB	0°	241°	+58°	334°	+26°	4. 8dB	414°K	394779 -181 Hz
2023-07-14	Fri day	08:00	249°	+53°	0 dB	0°	249°	+53°	341°	+26°	4. 9dB	416°K	394852 -210 Hz
2023-07-14	Fri day	08:30	256°	+48°	0 dB	0°	256°	+48°	348°	+26°	4. 9dB	417°K	394924 -235 Hz
2023-07-14	Fri day	09:00	263°	+43°	0 dB	0°	263°	+43°	355°	+26°	4. 9dB	418°K	394997 -258 Hz
2023-07-14	Fri day	09:30	268°	+38°	0 dB	0°	268°	+38°	3°	+26°	4. 9dB	420°K	395069 -276 Hz
2023-07-14	Fri day	10:00	273°	+33°	0 dB	0°	273°	+33°	10°	+26°	4. 9dB	421°K	395142 -291 Hz
2023-07-14	Fri day	10:30	278°	+28°	0 dB	0°	278°	+28°	17°	+26°	4. 9dB	422°K	395213 -301 Hz
2023-07-14	Fri day	11:00	283°	+23°	0 dB	0°	283°	+23°	24°	+26°	5. 0dB	424°K	395285 -307 Hz
2023-07-14	Fri day	11:30	288°	+18°	0 dB	0°	288°	+18°	32°	+26°	5. 0dB	425°K	395357 -309 Hz
2023-07-14	Fri day	12:00	293°	+14°	0 dB	0°	293°	+14°	39°	+26°	5. 0dB	426°K	395428 -306 Hz
2023-07-14	Fri day	12:30	297°	+9°	0 dB	0°	297°	+9°	46°	+26°	5. 0dB	428°K	395499 -299 Hz
2023-07-14	Fri day	13:00	302°	+5°	0 dB	0°	302°	+5°	53°	+26°	5. 0dB	429°K	395570 -288 Hz
2023-07-14	Fri day	13:30	307°	+1°	0 dB	0°	307°	+1°	61°	+26°	5. 0dB	430°K	395641 -273 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-14	Fri day	22:00	051°	+0°	0 dB	0°	051°	+0°	184°	+27°	5.4dB	469°K	396811 +198 Hz
2023-07-14	Fri day	22:30	056°	+4°	0 dB	0°	056°	+4°	191°	+27°	5.4dB	471°K	396878 +213 Hz
2023-07-14	Fri day	23:00	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	5.5dB	474°K	396945 +225 Hz
2023-07-14	Fri day	23:30	066°	+13°	0 dB	0°	066°	+13°	205°	+27°	5.5dB	476°K	397011 +233 Hz
2023-07-15	Saturday	00:00	070°	+18°	0 dB	0°	070°	+18°	213°	+27°	5.5dB	479°K	397078 +236 Hz
2023-07-15	Saturday	00:30	075°	+23°	0 dB	0°	075°	+23°	220°	+27°	5.5dB	481°K	397144 +235 Hz
2023-07-15	Saturday	01:00	079°	+28°	0 dB	0°	079°	+28°	227°	+27°	5.5dB	484°K	397210 +230 Hz
2023-07-15	Saturday	01:30	084°	+33°	0 dB	0°	084°	+33°	234°	+27°	5.6dB	486°K	397275 +220 Hz
2023-07-15	Saturday	02:00	089°	+38°	0 dB	0°	089°	+38°	241°	+27°	5.6dB	489°K	397341 +207 Hz
2023-07-15	Saturday	02:30	094°	+43°	0 dB	0°	094°	+43°	249°	+27°	5.6dB	491°K	397406 +189 Hz
2023-07-15	Saturday	03:00	100°	+48°	0 dB	0°	100°	+48°	256°	+27°	5.6dB	494°K	397471 +168 Hz
2023-07-15	Saturday	03:30	107°	+53°	0 dB	0°	107°	+53°	263°	+27°	5.7dB	496°K	397536 +143 Hz
2023-07-15	Saturday	04:00	115°	+58°	0 dB	0°	115°	+58°	270°	+27°	5.7dB	499°K	397601 +115 Hz
2023-07-15	Saturday	04:30	124°	+62°	0 dB	0°	124°	+62°	278°	+27°	5.7dB	500°K	397665 +85 Hz
2023-07-15	Saturday	05:00	136°	+66°	0 dB	0°	136°	+66°	285°	+27°	5.7dB	500°K	397729 +53 Hz
2023-07-15	Saturday	05:30	151°	+69°	0 dB	0°	151°	+69°	292°	+27°	5.7dB	500°K	397794 +19 Hz
2023-07-15	Saturday	06:00	170°	+71°	0 dB	0°	170°	+71°	299°	+27°	5.7dB	500°K	397857 -16 Hz
2023-07-15	Saturday	06:30	190°	+71°	0 dB	0°	190°	+71°	307°	+27°	5.7dB	500°K	397921 -51 Hz
2023-07-15	Saturday	07:00	208°	+69°	0 dB	0°	208°	+69°	314°	+27°	5.7dB	500°K	397984 -85 Hz
2023-07-15	Saturday	07:30	224°	+66°	0 dB	0°	224°	+66°	321°	+27°	5.7dB	500°K	398047 -119 Hz
2023-07-15	Saturday	08:00	236°	+62°	0 dB	0°	236°	+62°	328°	+27°	5.7dB	500°K	398110 -151 Hz
2023-07-15	Saturday	08:30	245°	+58°	0 dB	0°	245°	+58°	335°	+27°	5.7dB	500°K	398173 -181 Hz
2023-07-15	Saturday	09:00	253°	+53°	0 dB	0°	253°	+53°	343°	+27°	5.7dB	500°K	398236 -209 Hz
2023-07-15	Saturday	09:30	260°	+48°	0 dB	0°	260°	+48°	350°	+28°	5.7dB	500°K	398298 -233 Hz
2023-07-15	Saturday	10:00	266°	+43°	0 dB	0°	266°	+43°	357°	+28°	5.7dB	500°K	398360 -254 Hz
2023-07-15	Saturday	10:30	271°	+38°	0 dB	0°	271°	+38°	4°	+28°	5.7dB	500°K	398422 -272 Hz
2023-07-15	Saturday	11:00	276°	+33°	0 dB	0°	276°	+33°	12°	+28°	5.7dB	500°K	398484 -285 Hz
2023-07-15	Saturday	11:30	281°	+28°	0 dB	0°	281°	+28°	19°	+28°	5.7dB	500°K	398545 -295 Hz
2023-07-15	Saturday	12:00	286°	+23°	0 dB	0°	286°	+23°	26°	+28°	5.7dB	500°K	398607 -300 Hz
2023-07-15	Saturday	12:30	290°	+18°	0 dB	0°	290°	+18°	33°	+28°	5.7dB	500°K	398668 -300 Hz
2023-07-15	Saturday	13:00	295°	+14°	0 dB	0°	295°	+14°	41°	+28°	5.7dB	500°K	398728 -297 Hz
2023-07-15	Saturday	13:30	300°	+9°	0 dB	0°	300°	+9°	48°	+28°	5.7dB	500°K	398789 -289 Hz
2023-07-15	Saturday	14:00	304°	+5°	0 dB	0°	304°	+5°	55°	+28°	5.7dB	500°K	398850 -278 Hz
2023-07-15	Saturday	14:30	309°	+1°	0 dB	0°	309°	+1°	62°	+28°	5.7dB	500°K	398910 -262 Hz
2023-07-15	Saturday	23:00	052°	+2°	0 dB	0°	052°	+2°	185°	+28°	5.5dB	461°K	399900 +204 Hz
2023-07-15	Saturday	23:30	057°	+6°	0 dB	0°	057°	+6°	192°	+28°	5.5dB	458°K	399957 +219 Hz
2023-07-16	Sunday	00:00	061°	+10°	0 dB	0°	061°	+10°	200°	+28°	5.4dB	455°K	400013 +229 Hz
2023-07-16	Sunday	00:30	066°	+15°	0 dB	0°	066°	+15°	207°	+28°	5.4dB	451°K	400069 +236 Hz
2023-07-16	Sunday	01:00	071°	+20°	0 dB	0°	071°	+20°	214°	+28°	5.4dB	448°K	400124 +239 Hz
2023-07-16	Sunday	01:30	075°	+24°	0 dB	0°	075°	+24°	221°	+28°	5.4dB	445°K	400180 +237 Hz
2023-07-16	Sunday	02:00	080°	+29°	0 dB	0°	080°	+29°	229°	+28°	5.3dB	441°K	400235 +231 Hz
2023-07-16	Sunday	02:30	085°	+34°	0 dB	0°	085°	+34°	236°	+28°	5.3dB	438°K	400290 +221 Hz
2023-07-16	Sunday	03:00	090°	+39°	0 dB	0°	090°	+39°	243°	+28°	5.3dB	435°K	400345 +206 Hz
2023-07-16	Sunday	03:30	095°	+44°	0 dB	0°	095°	+44°	250°	+28°	5.2dB	431°K	400400 +188 Hz
2023-07-16	Sunday	04:00	101°	+50°	0 dB	0°	101°	+50°	258°	+28°	5.2dB	428°K	400454 +166 Hz
2023-07-16	Sunday	04:30	108°	+54°	0 dB	0°	108°	+54°	265°	+28°	5.2dB	425°K	400508 +141 Hz
2023-07-16	Sunday	05:00	116°	+59°	0 dB	0°	116°	+59°	272°	+28°	5.2dB	421°K	400562 +113 Hz
2023-07-16	Sunday	05:30	126°	+64°	0 dB	0°	126°	+64°	279°	+28°	5.1dB	418°K	400616 +82 Hz
2023-07-16	Sunday	06:00	139°	+67°	0 dB	0°	139°	+67°	286°	+28°	5.1dB	415°K	400669 +50 Hz
2023-07-16	Sunday	06:30	155°	+70°	0 dB	0°	155°	+70°	294°	+28°	5.1dB	412°K	400723 +16 Hz
2023-07-16	Sunday	07:00	174°	+71°	0 dB	0°	174°	+71°	301°	+28°	5.1dB	410°K	400776 -19 Hz
2023-07-16	Sunday	07:30	195°	+71°	0 dB	0°	195°	+71°	308°	+28°	5.1dB	409°K	400828 -53 Hz
2023-07-16	Sunday	08:00	213°	+69°	0 dB	0°	213°	+69°	315°	+28°	5.0dB	407°K	400881 -88 Hz
2023-07-16	Sunday	08:30	227°	+66°	0 dB	0°	227°	+66°	323°	+28°	5.0dB	405°K	400933 -121 Hz
2023-07-16	Sunday	09:00	239°	+62°	0 dB	0°	239°	+62°	330°	+28°	5.0dB	404°K	400986 -153 Hz
2023-07-16	Sunday	09:30	248°	+57°	0 dB	0°	248°	+57°	337°	+28°	5.0dB	402°K	401038 -182 Hz
2023-07-16	Sunday	10:00	255°	+52°	0 dB	0°	255°	+52°	344°	+28°	5.0dB	400°K	401089 -209 Hz
2023-07-16	Sunday	10:30	262°	+47°	0 dB	0°	262°	+47°	352°	+28°	5.0dB	399°K	401141 -233 Hz
2023-07-16	Sunday	11:00	267°	+42°	0 dB	0°	267°	+42°	359°	+28°	5.0dB	397°K	401192 -253 Hz
2023-07-16	Sunday	11:30	273°	+37°	0 dB	0°	273°	+37°	6°	+28°	4.9dB	395°K	401243 -270 Hz
2023-07-16	Sunday	12:00	277°	+32°	0 dB	0°	277°	+32°	13°	+28°	4.9dB	394°K	401294 -283 Hz
2023-07-16	Sunday	12:30	282°	+27°	0 dB	0°	282°	+27°	21°	+28°	4.9dB	392°K	401345 -291 Hz
2023-07-16	Sunday	13:00	287°	+22°	0 dB	0°	287°	+22°	28°	+28°	4.9dB	391°K	401395 -295 Hz
2023-07-16	Sunday	13:30	291°	+17°	0 dB	0°	291°	+17°	35°	+28°	4.9dB	389°K	401445 -295 Hz
2023-07-16	Sunday	14:00	296°	+13°	0 dB	0°	296°	+13°	42°	+28°	4.9dB	387°K	401495 -291 Hz
2023-07-16	Sunday	14:30	301°	+8°	0 dB	0°	301°	+8°	49°	+28°	4.9dB	386°K	401545 -282 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-07-16	Sunday	15:00	306°	+4°	0 dB	0°	306°	+4°	57°	+28°	4.9dB	384°K	401594	-270 Hz
2023-07-16	Sunday	15:30	311°	+0°	0 dB	0°	311°	+0°	64°	+28°	4.8dB	382°K	401644	-254 Hz
2023-07-17	Monday	00:00	053°	+3°	0 dB	0°	053°	+3°	187°	+27°	4.5dB	347°K	402446	+214 Hz
2023-07-17	Monday	00:30	058°	+7°	0 dB	0°	058°	+7°	194°	+27°	4.5dB	344°K	402492	+228 Hz
2023-07-17	Monday	01:00	063°	+11°	0 dB	0°	063°	+11°	201°	+27°	4.5dB	342°K	402537	+238 Hz
2023-07-17	Monday	01:30	068°	+16°	0 dB	0°	068°	+16°	209°	+27°	4.4dB	SUN!	402581	+244 Hz
2023-07-17	Monday	02:00	072°	+20°	0 dB	0°	072°	+20°	216°	+27°	4.4dB	SUN!	402626	+245 Hz
2023-07-17	Monday	02:30	077°	+25°	0 dB	0°	077°	+25°	223°	+27°	4.4dB	SUN!	402670	+242 Hz
2023-07-17	Monday	03:00	082°	+30°	0 dB	0°	082°	+30°	230°	+27°	4.4dB	SUN!	402714	+235 Hz
2023-07-17	Monday	03:30	086°	+35°	0 dB	0°	086°	+35°	238°	+27°	4.3dB	SUN!	402758	+224 Hz
2023-07-17	Monday	04:00	092°	+40°	0 dB	0°	092°	+40°	245°	+27°	4.3dB	SUN!	402801	+209 Hz
2023-07-17	Monday	04:30	097°	+45°	0 dB	0°	097°	+45°	252°	+27°	4.3dB	SUN!	402844	+190 Hz
2023-07-17	Monday	05:00	104°	+50°	0 dB	0°	104°	+50°	259°	+27°	4.3dB	SUN!	402888	+167 Hz
2023-07-17	Monday	05:30	111°	+55°	0 dB	0°	111°	+55°	267°	+27°	4.2dB	SUN!	402930	+141 Hz
2023-07-17	Monday	06:00	119°	+60°	0 dB	0°	119°	+60°	274°	+27°	4.2dB	SUN!	402973	+112 Hz
2023-07-17	Monday	06:30	130°	+64°	0 dB	0°	130°	+64°	281°	+27°	4.2dB	SUN!	403015	+80 Hz
2023-07-17	Monday	07:00	144°	+67°	0 dB	0°	144°	+67°	288°	+27°	4.2dB	SUN!	403057	+47 Hz
2023-07-17	Monday	07:30	160°	+70°	0 dB	0°	160°	+70°	296°	+27°	4.1dB	SUN!	403099	+13 Hz
2023-07-17	Monday	08:00	180°	+71°	0 dB	0°	180°	+71°	303°	+27°	4.1dB	SUN!	403141	-22 Hz
2023-07-17	Monday	08:30	199°	+70°	0 dB	0°	199°	+70°	310°	+27°	4.1dB	SUN!	403182	-57 Hz
2023-07-17	Monday	09:00	216°	+67°	0 dB	0°	216°	+67°	317°	+27°	4.1dB	SUN!	403223	-92 Hz
2023-07-17	Monday	09:30	229°	+64°	0 dB	0°	229°	+64°	325°	+27°	4.0dB	SUN!	403264	-125 Hz
2023-07-17	Monday	10:00	240°	+60°	0 dB	0°	240°	+60°	332°	+27°	4.0dB	SUN!	403305	-157 Hz
2023-07-17	Monday	10:30	248°	+55°	0 dB	0°	248°	+55°	339°	+27°	3.9dB	SUN!	403345	-186 Hz
2023-07-17	Monday	11:00	256°	+50°	0 dB	0°	256°	+50°	346°	+27°	3.9dB	SUN!	403386	-212 Hz
2023-07-17	Monday	11:30	262°	+45°	0 dB	0°	262°	+45°	354°	+27°	3.9dB	SUN!	403425	-236 Hz
2023-07-17	Monday	12:00	268°	+40°	0 dB	0°	268°	+40°	1°	+27°	3.9dB	SUN!	403465	-256 Hz
2023-07-17	Monday	12:30	273°	+35°	0 dB	0°	273°	+35°	8°	+27°	3.8dB	SUN!	403505	-271 Hz
2023-07-17	Monday	13:00	278°	+30°	0 dB	0°	278°	+30°	15°	+26°	3.8dB	SUN!	403544	-283 Hz
2023-07-17	Monday	13:30	282°	+25°	0 dB	0°	282°	+25°	23°	+26°	3.7dB	SUN!	403583	-291 Hz
2023-07-17	Monday	14:00	287°	+20°	0 dB	0°	287°	+20°	30°	+26°	3.7dB	SUN!	403621	-294 Hz
2023-07-17	Monday	14:30	292°	+15°	0 dB	0°	292°	+15°	37°	+26°	3.7dB	SUN!	403660	-293 Hz
2023-07-17	Monday	15:00	296°	+11°	0 dB	0°	296°	+11°	44°	+26°	3.6dB	SUN!	403698	-287 Hz
2023-07-17	Monday	15:30	301°	+6°	0 dB	0°	301°	+6°	52°	+26°	3.6dB	SUN!	403736	-278 Hz
2023-07-17	Monday	16:00	306°	+2°	0 dB	0°	306°	+2°	59°	+26°	3.6dB	SUN!	403774	-264 Hz
2023-07-18	Tuesday	01:00	056°	+2°	0 dB	0°	056°	+2°	189°	+25°	3.0dB	SUN!	404410	+228 Hz
2023-07-18	Tuesday	01:30	061°	+7°	0 dB	0°	061°	+7°	196°	+25°	3.0dB	SUN!	404443	+241 Hz
2023-07-18	Tuesday	02:00	066°	+11°	0 dB	0°	066°	+11°	204°	+25°	3.0dB	SUN!	404475	+250 Hz
2023-07-18	Tuesday	02:30	071°	+16°	0 dB	0°	071°	+16°	211°	+25°	2.9dB	SUN!	404508	+255 Hz
2023-07-18	Tuesday	03:00	075°	+20°	0 dB	0°	075°	+20°	218°	+25°	2.9dB	SUN!	404540	+255 Hz
2023-07-18	Tuesday	03:30	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	2.9dB	SUN!	404572	+251 Hz
2023-07-18	Tuesday	04:00	085°	+30°	0 dB	0°	085°	+30°	233°	+25°	2.9dB	SUN!	404603	+243 Hz
2023-07-18	Tuesday	04:30	090°	+35°	0 dB	0°	090°	+35°	240°	+25°	2.9dB	SUN!	404635	+230 Hz
2023-07-18	Tuesday	05:00	096°	+40°	0 dB	0°	096°	+40°	247°	+25°	2.9dB	SUN!	404666	+213 Hz
2023-07-18	Tuesday	05:30	102°	+45°	0 dB	0°	102°	+45°	254°	+25°	2.9dB	SUN!	404696	+192 Hz
2023-07-18	Tuesday	06:00	108°	+50°	0 dB	0°	108°	+50°	262°	+25°	2.9dB	SUN!	404727	+168 Hz
2023-07-18	Tuesday	06:30	116°	+55°	0 dB	0°	116°	+55°	269°	+25°	2.8dB	SUN!	404757	+140 Hz
2023-07-18	Tuesday	07:00	126°	+59°	0 dB	0°	126°	+59°	276°	+25°	2.8dB	SUN!	404787	+110 Hz
2023-07-18	Tuesday	07:30	137°	+63°	0 dB	0°	137°	+63°	284°	+25°	2.8dB	SUN!	404817	+78 Hz
2023-07-18	Tuesday	08:00	151°	+66°	0 dB	0°	151°	+66°	291°	+25°	2.8dB	SUN!	404846	+43 Hz
2023-07-18	Tuesday	08:30	168°	+68°	0 dB	0°	168°	+68°	298°	+25°	2.8dB	SUN!	404876	+8 Hz
2023-07-18	Tuesday	09:00	186°	+68°	0 dB	0°	186°	+68°	305°	+25°	2.8dB	206°K	404904	-28 Hz
2023-07-18	Tuesday	09:30	203°	+67°	0 dB	0°	203°	+67°	313°	+24°	2.8dB	205°K	404933	-64 Hz
2023-07-18	Tuesday	10:00	218°	+64°	0 dB	0°	218°	+64°	320°	+24°	2.7dB	204°K	404961	-99 Hz
2023-07-18	Tuesday	10:30	230°	+61°	0 dB	0°	230°	+61°	327°	+24°	2.7dB	203°K	404990	-132 Hz
2023-07-18	Tuesday	11:00	240°	+56°	0 dB	0°	240°	+56°	334°	+24°	2.7dB	202°K	405017	-164 Hz
2023-07-18	Tuesday	11:30	248°	+52°	0 dB	0°	248°	+52°	342°	+24°	2.7dB	201°K	405045	-193 Hz
2023-07-18	Tuesday	12:00	255°	+47°	0 dB	0°	255°	+47°	349°	+24°	2.7dB	201°K	405072	-219 Hz
2023-07-18	Tuesday	12:30	261°	+42°	0 dB	0°	261°	+42°	356°	+24°	2.7dB	200°K	405099	-242 Hz
2023-07-18	Tuesday	13:00	267°	+37°	0 dB	0°	267°	+37°	3°	+24°	2.7dB	199°K	405126	-261 Hz
2023-07-18	Tuesday	13:30	272°	+32°	0 dB	0°	272°	+32°	11°	+24°	2.7dB	198°K	405152	-276 Hz
2023-07-18	Tuesday	14:00	277°	+26°	0 dB	0°	277°	+26°	18°	+24°	2.6dB	197°K	405179	-286 Hz
2023-07-18	Tuesday	14:30	282°	+21°	0 dB	0°	282°	+21°	25°	+24°	2.6dB	196°K	405204	-292 Hz
2023-07-18	Tuesday	15:00	287°	+16°	0 dB	0°	287°	+16°	32°	+24°	2.6dB	195°K	405230	-294 Hz
2023-07-18	Tuesday	15:30	291°	+12°	0 dB	0°	291°	+12°	40°	+24°	2.6dB	194°K	405255	-291 Hz
2023-07-18	Tuesday	16:00	296°	+7°	0 dB	0°	296°	+7°	47°	+24°	2.6dB	193°K	405280	-284 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-18	Tuesday 16:30	301°	+2°	0 dB	0°	301°	+2°	54°	+24°	2.6dB	192°K	405305	-273 Hz
2023-07-19	Wednesday02:00	060°	+2°	0 dB	0°	060°	+2°	192°	+22°	2.3dB	175°K	405720	+246 Hz
2023-07-19	Wednesday02:30	065°	+6°	0 dB	0°	065°	+6°	199°	+22°	2.3dB	174°K	405739	+258 Hz
2023-07-19	Wednesday03:00	070°	+11°	0 dB	0°	070°	+11°	207°	+22°	2.3dB	174°K	405758	+266 Hz
2023-07-19	Wednesday03:30	075°	+15°	0 dB	0°	075°	+15°	214°	+22°	2.3dB	174°K	405776	+269 Hz
2023-07-19	Wednesday04:00	080°	+20°	0 dB	0°	080°	+20°	221°	+22°	2.3dB	174°K	405794	+268 Hz
2023-07-19	Wednesday04:30	085°	+25°	0 dB	0°	085°	+25°	228°	+22°	2.3dB	174°K	405812	+262 Hz
2023-07-19	Wednesday05:00	090°	+30°	0 dB	0°	090°	+30°	236°	+22°	2.3dB	175°K	405829	+251 Hz
2023-07-19	Wednesday05:30	095°	+35°	0 dB	0°	095°	+35°	243°	+22°	2.3dB	175°K	405846	+236 Hz
2023-07-19	Wednesday06:00	101°	+40°	0 dB	0°	101°	+40°	250°	+22°	2.3dB	175°K	405863	+218 Hz
2023-07-19	Wednesday06:30	108°	+45°	0 dB	0°	108°	+45°	258°	+22°	2.3dB	176°K	405880	+195 Hz
2023-07-19	Wednesday07:00	115°	+50°	0 dB	0°	115°	+50°	265°	+22°	2.3dB	176°K	405896	+168 Hz
2023-07-19	Wednesday07:30	124°	+54°	0 dB	0°	124°	+54°	272°	+21°	2.3dB	176°K	405912	+139 Hz
2023-07-19	Wednesday08:00	134°	+58°	0 dB	0°	134°	+58°	279°	+21°	2.3dB	176°K	405927	+106 Hz
2023-07-19	Wednesday08:30	146°	+61°	0 dB	0°	146°	+61°	287°	+21°	2.3dB	177°K	405942	+72 Hz
2023-07-19	Wednesday09:00	160°	+64°	0 dB	0°	160°	+64°	294°	+21°	2.3dB	177°K	405957	+36 Hz
2023-07-19	Wednesday09:30	176°	+65°	0 dB	0°	176°	+65°	301°	+21°	2.3dB	177°K	405972	0 Hz
2023-07-19	Wednesday10:00	192°	+64°	0 dB	0°	192°	+64°	308°	+21°	2.3dB	178°K	405986	-37 Hz
2023-07-19	Wednesday10:30	207°	+63°	0 dB	0°	207°	+63°	316°	+21°	2.3dB	178°K	406000	-74 Hz
2023-07-19	Wednesday11:00	220°	+60°	0 dB	0°	220°	+60°	323°	+21°	2.3dB	178°K	406014	-109 Hz
2023-07-19	Wednesday11:30	231°	+56°	0 dB	0°	231°	+56°	330°	+21°	2.3dB	178°K	406027	-143 Hz
2023-07-19	Wednesday12:00	240°	+52°	0 dB	0°	240°	+52°	337°	+21°	2.4dB	179°K	406040	-174 Hz
2023-07-19	Wednesday12:30	248°	+47°	0 dB	0°	248°	+47°	345°	+21°	2.4dB	179°K	406053	-203 Hz
2023-07-19	Wednesday13:00	254°	+42°	0 dB	0°	254°	+42°	352°	+21°	2.4dB	179°K	406065	-228 Hz
2023-07-19	Wednesday13:30	260°	+37°	0 dB	0°	260°	+37°	359°	+21°	2.4dB	180°K	406077	-250 Hz
2023-07-19	Wednesday14:00	266°	+32°	0 dB	0°	266°	+32°	7°	+20°	2.4dB	180°K	406089	-267 Hz
2023-07-19	Wednesday14:30	271°	+27°	0 dB	0°	271°	+27°	14°	+20°	2.4dB	180°K	406100	-281 Hz
2023-07-19	Wednesday15:00	276°	+22°	0 dB	0°	276°	+22°	21°	+20°	2.4dB	181°K	406111	-289 Hz
2023-07-19	Wednesday15:30	281°	+17°	0 dB	0°	281°	+17°	28°	+20°	2.4dB	181°K	406122	-294 Hz
2023-07-19	Wednesday16:00	286°	+12°	0 dB	0°	286°	+12°	36°	+20°	2.4dB	181°K	406133	-293 Hz
2023-07-19	Wednesday16:30	291°	+7°	0 dB	0°	291°	+7°	43°	+20°	2.4dB	181°K	406143	-288 Hz
2023-07-19	Wednesday17:00	296°	+2°	0 dB	0°	296°	+2°	50°	+20°	2.4dB	182°K	406152	-279 Hz
2023-07-20	Thursday 03:00	065°	+1°	0 dB	0°	065°	+1°	196°	+18°	2.5dB	185°K	406277	+267 Hz
2023-07-20	Thursday 03:30	070°	+5°	0 dB	0°	070°	+5°	203°	+18°	2.5dB	185°K	406280	+277 Hz
2023-07-20	Thursday 04:00	075°	+10°	0 dB	0°	075°	+10°	210°	+18°	2.5dB	185°K	406282	+283 Hz
2023-07-20	Thursday 04:30	080°	+15°	0 dB	0°	080°	+15°	218°	+18°	2.5dB	185°K	406284	+284 Hz
2023-07-20	Thursday 05:00	086°	+20°	0 dB	0°	086°	+20°	225°	+18°	2.5dB	185°K	406286	+280 Hz
2023-07-20	Thursday 05:30	091°	+25°	0 dB	0°	091°	+25°	232°	+18°	2.5dB	185°K	406287	+272 Hz
2023-07-20	Thursday 06:00	096°	+30°	0 dB	0°	096°	+30°	239°	+18°	2.5dB	186°K	406288	+259 Hz
2023-07-20	Thursday 06:30	102°	+35°	0 dB	0°	102°	+35°	247°	+18°	2.5dB	186°K	406288	+242 Hz
2023-07-20	Thursday 07:00	109°	+40°	0 dB	0°	109°	+40°	254°	+17°	2.5dB	186°K	406288	+220 Hz
2023-07-20	Thursday 07:30	116°	+45°	0 dB	0°	116°	+45°	261°	+17°	2.5dB	186°K	406288	+195 Hz
2023-07-20	Thursday 08:00	124°	+49°	0 dB	0°	124°	+49°	269°	+17°	2.5dB	186°K	406288	+166 Hz
2023-07-20	Thursday 08:30	133°	+53°	0 dB	0°	133°	+53°	276°	+17°	2.5dB	186°K	406287	+134 Hz
2023-07-20	Thursday 09:00	144°	+56°	0 dB	0°	144°	+56°	283°	+17°	2.5dB	186°K	406285	+100 Hz
2023-07-20	Thursday 09:30	156°	+59°	0 dB	0°	156°	+59°	290°	+17°	2.5dB	187°K	406284	+63 Hz
2023-07-20	Thursday 10:00	170°	+60°	0 dB	0°	170°	+60°	298°	+17°	2.5dB	187°K	406282	+26 Hz
2023-07-20	Thursday 10:30	184°	+60°	0 dB	0°	184°	+60°	305°	+17°	2.5dB	187°K	406279	-12 Hz
2023-07-20	Thursday 11:00	198°	+59°	0 dB	0°	198°	+59°	312°	+17°	2.5dB	187°K	406277	-50 Hz
2023-07-20	Thursday 11:30	211°	+57°	0 dB	0°	211°	+57°	320°	+17°	2.5dB	188°K	406273	-86 Hz
2023-07-20	Thursday 12:00	222°	+54°	0 dB	0°	222°	+54°	327°	+17°	2.5dB	188°K	406270	-122 Hz
2023-07-20	Thursday 12:30	231°	+50°	0 dB	0°	231°	+50°	334°	+16°	2.5dB	188°K	406266	-155 Hz
2023-07-20	Thursday 13:00	240°	+46°	0 dB	0°	240°	+46°	341°	+16°	2.5dB	188°K	406262	-186 Hz
2023-07-20	Thursday 13:30	247°	+41°	0 dB	0°	247°	+41°	349°	+16°	2.5dB	189°K	406257	-214 Hz
2023-07-20	Thursday 14:00	254°	+36°	0 dB	0°	254°	+36°	356°	+16°	2.5dB	189°K	406252	-238 Hz
2023-07-20	Thursday 14:30	260°	+31°	0 dB	0°	260°	+31°	3°	+16°	2.5dB	189°K	406247	-258 Hz
2023-07-20	Thursday 15:00	265°	+26°	0 dB	0°	265°	+26°	11°	+16°	2.6dB	190°K	406241	-273 Hz
2023-07-20	Thursday 15:30	271°	+21°	0 dB	0°	271°	+21°	18°	+16°	2.6dB	190°K	406235	-284 Hz
2023-07-20	Thursday 16:00	276°	+16°	0 dB	0°	276°	+16°	25°	+16°	2.6dB	190°K	406229	-291 Hz
2023-07-20	Thursday 16:30	281°	+11°	0 dB	0°	281°	+11°	32°	+16°	2.6dB	190°K	406222	-293 Hz
2023-07-20	Thursday 17:00	286°	+6°	0 dB	0°	286°	+6°	40°	+16°	2.6dB	191°K	406215	-289 Hz
2023-07-20	Thursday 17:30	291°	+1°	0 dB	0°	291°	+1°	47°	+15°	2.6dB	191°K	406207	-282 Hz
2023-07-21	Fri day 04:00	071°	-0°	0 dB	0°	071°	-0°	200°	+13°	2.7dB	197°K	405959	+289 Hz
2023-07-21	Fri day 04:30	077°	+5°	0 dB	0°	077°	+5°	207°	+13°	2.7dB	197°K	405943	+297 Hz
2023-07-21	Fri day 05:00	082°	+10°	0 dB	0°	082°	+10°	215°	+13°	2.7dB	197°K	405926	+300 Hz
2023-07-21	Fri day 05:30	087°	+15°	0 dB	0°	087°	+15°	222°	+13°	2.7dB	197°K	405909	+298 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-21	Fri day	06:00	092°	+20°	0 dB	0°	092°	+20°	229°	+13°	2.7dB	198°K	405892 +292 Hz
2023-07-21	Fri day	06:30	098°	+25°	0 dB	0°	098°	+25°	236°	+13°	2.7dB	198°K	405874 +280 Hz
2023-07-21	Fri day	07:00	104°	+30°	0 dB	0°	104°	+30°	244°	+13°	2.7dB	198°K	405856 +264 Hz
2023-07-21	Fri day	07:30	110°	+34°	0 dB	0°	110°	+34°	251°	+13°	2.7dB	198°K	405838 +244 Hz
2023-07-21	Fri day	08:00	117°	+39°	0 dB	0°	117°	+39°	258°	+13°	2.7dB	199°K	405819 +219 Hz
2023-07-21	Fri day	08:30	125°	+43°	0 dB	0°	125°	+43°	266°	+12°	2.7dB	199°K	405799 +191 Hz
2023-07-21	Fri day	09:00	133°	+47°	0 dB	0°	133°	+47°	273°	+12°	2.7dB	199°K	405780 +160 Hz
2023-07-21	Fri day	09:30	143°	+51°	0 dB	0°	143°	+51°	280°	+12°	2.7dB	200°K	405759 +125 Hz
2023-07-21	Fri day	10:00	154°	+53°	0 dB	0°	154°	+53°	288°	+12°	2.7dB	200°K	405739 +89 Hz
2023-07-21	Fri day	10:30	166°	+55°	0 dB	0°	166°	+55°	295°	+12°	2.7dB	200°K	405718 +51 Hz
2023-07-21	Fri day	11:00	178°	+55°	0 dB	0°	178°	+55°	302°	+12°	2.7dB	200°K	405696 +13 Hz
2023-07-21	Fri day	11:30	191°	+55°	0 dB	0°	191°	+55°	309°	+12°	2.7dB	201°K	405675 -26 Hz
2023-07-21	Fri day	12:00	203°	+53°	0 dB	0°	203°	+53°	317°	+12°	2.7dB	201°K	405652 -64 Hz
2023-07-21	Fri day	12:30	214°	+51°	0 dB	0°	214°	+51°	324°	+12°	2.7dB	201°K	405630 -101 Hz
2023-07-21	Fri day	13:00	224°	+47°	0 dB	0°	224°	+47°	331°	+11°	2.7dB	201°K	405607 -136 Hz
2023-07-21	Fri day	13:30	233°	+43°	0 dB	0°	233°	+43°	339°	+11°	2.7dB	202°K	405583 -169 Hz
2023-07-21	Fri day	14:00	240°	+39°	0 dB	0°	240°	+39°	346°	+11°	2.7dB	202°K	405559 -198 Hz
2023-07-21	Fri day	14:30	247°	+34°	0 dB	0°	247°	+34°	353°	+11°	2.7dB	202°K	405535 -224 Hz
2023-07-21	Fri day	15:00	253°	+30°	0 dB	0°	253°	+30°	0°	+11°	2.7dB	202°K	405510 -246 Hz
2023-07-21	Fri day	15:30	259°	+24°	0 dB	0°	259°	+24°	8°	+11°	2.7dB	203°K	405485 -263 Hz
2023-07-21	Fri day	16:00	265°	+19°	0 dB	0°	265°	+19°	15°	+11°	2.7dB	203°K	405460 -276 Hz
2023-07-21	Fri day	16:30	270°	+14°	0 dB	0°	270°	+14°	22°	+11°	2.7dB	203°K	405434 -285 Hz
2023-07-21	Fri day	17:00	275°	+9°	0 dB	0°	275°	+9°	30°	+11°	2.7dB	203°K	405407 -288 Hz
2023-07-21	Fri day	17:30	280°	+4°	0 dB	0°	280°	+4°	37°	+10°	2.8dB	204°K	405380 -287 Hz
2023-07-22	Saturday	05:30	084°	+4°	0 dB	0°	084°	+4°	212°	+8°	2.8dB	210°K	404609 +315 Hz
2023-07-22	Saturday	06:00	089°	+9°	0 dB	0°	089°	+9°	219°	+8°	2.8dB	210°K	404571 +314 Hz
2023-07-22	Saturday	06:30	095°	+14°	0 dB	0°	095°	+14°	227°	+8°	2.8dB	210°K	404533 +309 Hz
2023-07-22	Saturday	07:00	100°	+19°	0 dB	0°	100°	+19°	234°	+8°	2.8dB	211°K	404494 +299 Hz
2023-07-22	Saturday	07:30	106°	+24°	0 dB	0°	106°	+24°	241°	+7°	2.8dB	211°K	404456 +285 Hz
2023-07-22	Saturday	08:00	112°	+29°	0 dB	0°	112°	+29°	249°	+7°	2.8dB	211°K	404416 +265 Hz
2023-07-22	Saturday	08:30	119°	+33°	0 dB	0°	119°	+33°	256°	+7°	2.8dB	211°K	404376 +242 Hz
2023-07-22	Saturday	09:00	126°	+37°	0 dB	0°	126°	+37°	263°	+7°	2.8dB	212°K	404336 +214 Hz
2023-07-22	Saturday	09:30	134°	+41°	0 dB	0°	134°	+41°	270°	+7°	2.8dB	212°K	404296 +183 Hz
2023-07-22	Saturday	10:00	143°	+45°	0 dB	0°	143°	+45°	278°	+7°	2.8dB	212°K	404254 +150 Hz
2023-07-22	Saturday	10:30	153°	+47°	0 dB	0°	153°	+47°	285°	+7°	2.9dB	213°K	404213 +113 Hz
2023-07-22	Saturday	11:00	164°	+49°	0 dB	0°	164°	+49°	292°	+7°	2.9dB	213°K	404171 +76 Hz
2023-07-22	Saturday	11:30	175°	+50°	0 dB	0°	175°	+50°	300°	+6°	2.9dB	215°K	404128 +37 Hz
2023-07-22	Saturday	12:00	186°	+50°	0 dB	0°	186°	+50°	307°	+6°	2.9dB	216°K	404086 -3 Hz
2023-07-22	Saturday	12:30	197°	+49°	0 dB	0°	197°	+49°	314°	+6°	2.9dB	218°K	404042 -42 Hz
2023-07-22	Saturday	13:00	208°	+46°	0 dB	0°	208°	+46°	322°	+6°	2.9dB	219°K	403998 -80 Hz
2023-07-22	Saturday	13:30	217°	+44°	0 dB	0°	217°	+44°	329°	+6°	3.0dB	220°K	403954 -116 Hz
2023-07-22	Saturday	14:00	226°	+40°	0 dB	0°	226°	+40°	336°	+6°	3.0dB	222°K	403910 -149 Hz
2023-07-22	Saturday	14:30	234°	+36°	0 dB	0°	234°	+36°	343°	+6°	3.0dB	223°K	403864 -180 Hz
2023-07-22	Saturday	15:00	241°	+32°	0 dB	0°	241°	+32°	351°	+6°	3.0dB	225°K	403819 -208 Hz
2023-07-22	Saturday	15:30	247°	+27°	0 dB	0°	247°	+27°	358°	+6°	3.0dB	226°K	403773 -231 Hz
2023-07-22	Saturday	16:00	253°	+22°	0 dB	0°	253°	+22°	5°	+5°	3.1dB	227°K	403726 -250 Hz
2023-07-22	Saturday	16:30	259°	+17°	0 dB	0°	259°	+17°	13°	+5°	3.1dB	229°K	403679 -265 Hz
2023-07-22	Saturday	17:00	264°	+12°	0 dB	0°	264°	+12°	20°	+5°	3.1dB	230°K	403632 -275 Hz
2023-07-22	Saturday	17:30	269°	+7°	0 dB	0°	269°	+7°	27°	+5°	3.1dB	232°K	403584 -280 Hz
2023-07-22	Saturday	18:00	275°	+2°	0 dB	0°	275°	+2°	35°	+5°	3.1dB	233°K	403536 -280 Hz
2023-07-23	Sunday	06:30	091°	+3°	0 dB	0°	091°	+3°	217°	+2°	3.6dB	269°K	402183 +328 Hz
2023-07-23	Sunday	07:00	097°	+8°	0 dB	0°	097°	+8°	224°	+2°	3.6dB	271°K	402123 +325 Hz
2023-07-23	Sunday	07:30	102°	+13°	0 dB	0°	102°	+13°	232°	+2°	3.6dB	272°K	402062 +316 Hz
2023-07-23	Sunday	08:00	108°	+18°	0 dB	0°	108°	+18°	239°	+2°	3.6dB	274°K	402001 +303 Hz
2023-07-23	Sunday	08:30	114°	+23°	0 dB	0°	114°	+23°	246°	+2°	3.6dB	275°K	401940 +285 Hz
2023-07-23	Sunday	09:00	121°	+27°	0 dB	0°	121°	+27°	254°	+2°	3.7dB	277°K	401878 +262 Hz
2023-07-23	Sunday	09:30	128°	+31°	0 dB	0°	128°	+31°	261°	+1°	3.7dB	278°K	401816 +236 Hz
2023-07-23	Sunday	10:00	135°	+35°	0 dB	0°	135°	+35°	268°	+1°	3.7dB	280°K	401753 +206 Hz
2023-07-23	Sunday	10:30	143°	+38°	0 dB	0°	143°	+38°	275°	+1°	3.7dB	281°K	401690 +173 Hz
2023-07-23	Sunday	11:00	152°	+41°	0 dB	0°	152°	+41°	283°	+1°	3.7dB	283°K	401626 +137 Hz
2023-07-23	Sunday	11:30	162°	+43°	0 dB	0°	162°	+43°	290°	+1°	3.7dB	284°K	401562 +99 Hz
2023-07-23	Sunday	12:00	172°	+44°	0 dB	0°	172°	+44°	297°	+1°	3.8dB	286°K	401497 +60 Hz
2023-07-23	Sunday	12:30	182°	+44°	0 dB	0°	182°	+44°	305°	+1°	3.8dB	288°K	401432 +21 Hz
2023-07-23	Sunday	13:00	192°	+43°	0 dB	0°	192°	+43°	312°	+1°	3.8dB	289°K	401367 -18 Hz
2023-07-23	Sunday	13:30	202°	+42°	0 dB	0°	202°	+42°	319°	+0°	3.8dB	291°K	401301 -57 Hz
2023-07-23	Sunday	14:00	211°	+39°	0 dB	0°	211°	+39°	327°	+0°	3.8dB	292°K	401234 -93 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-23	Sunday	14: 30	220°	+36°	0 dB	0°	220°	+36°	334°	+0°	3. 9dB	294°K	401167 -128 Hz
2023-07-23	Sunday	15: 00	228°	+32°	0 dB	0°	228°	+32°	341°	+0°	3. 9dB	295°K	401100 -160 Hz
2023-07-23	Sunday	15: 30	235°	+28°	0 dB	0°	235°	+28°	348°	+0°	3. 9dB	297°K	401032 -188 Hz
2023-07-23	Sunday	16: 00	241°	+24°	0 dB	0°	241°	+24°	356°	-0°	3. 9dB	298°K	400964 -213 Hz
2023-07-23	Sunday	16: 30	247°	+19°	0 dB	0°	247°	+19°	3°	-0°	3. 9dB	300°K	400895 -233 Hz
2023-07-23	Sunday	17: 00	253°	+14°	0 dB	0°	253°	+14°	10°	-0°	3. 9dB	301°K	400826 -249 Hz
2023-07-23	Sunday	17: 30	258°	+9°	0 dB	0°	258°	+9°	18°	-0°	3. 9dB	303°K	400757 -261 Hz
2023-07-23	Sunday	18: 00	264°	+4°	0 dB	0°	264°	+4°	25°	-1°	4. 0dB	305°K	400687 -267 Hz
2023-07-24	Monday	07: 30	099°	+3°	0 dB	0°	099°	+3°	222°	-4°	4. 0dB	313°K	398626 +336 Hz
2023-07-24	Monday	08: 00	104°	+7°	0 dB	0°	104°	+7°	229°	-4°	4. 0dB	313°K	398543 +329 Hz
2023-07-24	Monday	08: 30	110°	+12°	0 dB	0°	110°	+12°	237°	-4°	4. 0dB	313°K	398460 +318 Hz
2023-07-24	Monday	09: 00	116°	+17°	0 dB	0°	116°	+17°	244°	-4°	4. 0dB	313°K	398377 +301 Hz
2023-07-24	Monday	09: 30	122°	+21°	0 dB	0°	122°	+21°	251°	-4°	4. 0dB	313°K	398293 +280 Hz
2023-07-24	Monday	10: 00	129°	+25°	0 dB	0°	129°	+25°	258°	-4°	4. 0dB	313°K	398209 +255 Hz
2023-07-24	Monday	10: 30	136°	+29°	0 dB	0°	136°	+29°	266°	-4°	3. 9dB	313°K	398124 +226 Hz
2023-07-24	Monday	11: 00	144°	+32°	0 dB	0°	144°	+32°	273°	-5°	3. 9dB	313°K	398039 +194 Hz
2023-07-24	Monday	11: 30	152°	+35°	0 dB	0°	152°	+35°	280°	-5°	3. 9dB	313°K	397953 +159 Hz
2023-07-24	Monday	12: 00	161°	+37°	0 dB	0°	161°	+37°	288°	-5°	3. 9dB	313°K	397867 +123 Hz
2023-07-24	Monday	12: 30	170°	+38°	0 dB	0°	170°	+38°	295°	-5°	3. 9dB	313°K	397781 +84 Hz
2023-07-24	Monday	13: 00	179°	+38°	0 dB	0°	179°	+38°	302°	-5°	3. 9dB	313°K	397694 +45 Hz
2023-07-24	Monday	13: 30	188°	+38°	0 dB	0°	188°	+38°	309°	-5°	3. 9dB	313°K	397606 +6 Hz
2023-07-24	Monday	14: 00	197°	+37°	0 dB	0°	197°	+37°	317°	-5°	3. 9dB	312°K	397519 -32 Hz
2023-07-24	Monday	14: 30	206°	+35°	0 dB	0°	206°	+35°	324°	-5°	3. 9dB	312°K	397431 -69 Hz
2023-07-24	Monday	15: 00	214°	+32°	0 dB	0°	214°	+32°	331°	-6°	3. 9dB	312°K	397342 -104 Hz
2023-07-24	Monday	15: 30	222°	+29°	0 dB	0°	222°	+29°	339°	-6°	3. 9dB	312°K	397253 -136 Hz
2023-07-24	Monday	16: 00	229°	+25°	0 dB	0°	229°	+25°	346°	-6°	3. 9dB	311°K	397163 -166 Hz
2023-07-24	Monday	16: 30	235°	+21°	0 dB	0°	235°	+21°	353°	-6°	3. 9dB	311°K	397074 -191 Hz
2023-07-24	Monday	17: 00	241°	+16°	0 dB	0°	241°	+16°	0°	-6°	3. 9dB	311°K	396983 -213 Hz
2023-07-24	Monday	17: 30	247°	+12°	0 dB	0°	247°	+12°	8°	-6°	3. 9dB	311°K	396892 -230 Hz
2023-07-24	Monday	18: 00	253°	+7°	0 dB	0°	253°	+7°	15°	-6°	3. 9dB	310°K	396801 -243 Hz
2023-07-24	Monday	18: 30	258°	+2°	0 dB	0°	258°	+2°	22°	-6°	3. 9dB	310°K	396710 -251 Hz
2023-07-25	Tuesday	08: 30	106°	+1°	0 dB	0°	106°	+1°	226°	-10°	3. 7dB	308°K	393980 +339 Hz
2023-07-25	Tuesday	09: 00	112°	+6°	0 dB	0°	112°	+6°	234°	-10°	3. 7dB	309°K	393877 +329 Hz
2023-07-25	Tuesday	09: 30	117°	+11°	0 dB	0°	117°	+11°	241°	-10°	3. 7dB	309°K	393773 +314 Hz
2023-07-25	Tuesday	10: 00	123°	+15°	0 dB	0°	123°	+15°	248°	-10°	3. 7dB	310°K	393669 +295 Hz
2023-07-25	Tuesday	10: 30	130°	+19°	0 dB	0°	130°	+19°	256°	-10°	3. 7dB	311°K	393565 +272 Hz
2023-07-25	Tuesday	11: 00	136°	+22°	0 dB	0°	136°	+22°	263°	-10°	3. 7dB	311°K	393460 +245 Hz
2023-07-25	Tuesday	11: 30	143°	+26°	0 dB	0°	143°	+26°	270°	-10°	3. 7dB	312°K	393355 +214 Hz
2023-07-25	Tuesday	12: 00	151°	+28°	0 dB	0°	151°	+28°	277°	-10°	3. 7dB	313°K	393250 +181 Hz
2023-07-25	Tuesday	12: 30	159°	+30°	0 dB	0°	159°	+30°	285°	-11°	3. 7dB	313°K	393144 +146 Hz
2023-07-25	Tuesday	13: 00	167°	+32°	0 dB	0°	167°	+32°	292°	-11°	3. 7dB	314°K	393038 +109 Hz
2023-07-25	Tuesday	13: 30	176°	+32°	0 dB	0°	176°	+32°	299°	-11°	3. 7dB	315°K	392931 +71 Hz
2023-07-25	Tuesday	14: 00	184°	+32°	0 dB	0°	184°	+32°	307°	-11°	3. 7dB	316°K	392824 +33 Hz
2023-07-25	Tuesday	14: 30	193°	+31°	0 dB	0°	193°	+31°	314°	-11°	3. 7dB	316°K	392717 -5 Hz
2023-07-25	Tuesday	15: 00	201°	+30°	0 dB	0°	201°	+30°	321°	-11°	3. 8dB	317°K	392609 -42 Hz
2023-07-25	Tuesday	15: 30	209°	+28°	0 dB	0°	209°	+28°	328°	-11°	3. 8dB	318°K	392501 -77 Hz
2023-07-25	Tuesday	16: 00	216°	+25°	0 dB	0°	216°	+25°	336°	-11°	3. 8dB	318°K	392393 -110 Hz
2023-07-25	Tuesday	16: 30	223°	+21°	0 dB	0°	223°	+21°	343°	-11°	3. 8dB	319°K	392284 -140 Hz
2023-07-25	Tuesday	17: 00	229°	+18°	0 dB	0°	229°	+18°	350°	-12°	3. 8dB	320°K	392175 -167 Hz
2023-07-25	Tuesday	17: 30	235°	+14°	0 dB	0°	235°	+14°	358°	-12°	3. 8dB	320°K	392066 -189 Hz
2023-07-25	Tuesday	18: 00	241°	+9°	0 dB	0°	241°	+9°	5°	-12°	3. 8dB	321°K	391956 -208 Hz
2023-07-25	Tuesday	18: 30	247°	+4°	0 dB	0°	247°	+4°	12°	-12°	3. 8dB	322°K	391846 -222 Hz
2023-07-25	Tuesday	19: 00	252°	-0°	0 dB	0°	252°	-0°	19°	-12°	3. 8dB	322°K	391735 -231 Hz
2023-07-26	Wednesday	09: 30	113°	-0°	0 dB	0°	113°	-0°	230°	-15°	4. 0dB	354°K	388394 +335 Hz
2023-07-26	Wednesday	10: 00	118°	+4°	0 dB	0°	118°	+4°	238°	-15°	4. 0dB	355°K	388274 +323 Hz
2023-07-26	Wednesday	10: 30	124°	+8°	0 dB	0°	124°	+8°	245°	-15°	4. 0dB	356°K	388154 +307 Hz
2023-07-26	Wednesday	11: 00	130°	+12°	0 dB	0°	130°	+12°	252°	-16°	4. 0dB	357°K	388034 +286 Hz
2023-07-26	Wednesday	11: 30	136°	+16°	0 dB	0°	136°	+16°	259°	-16°	4. 0dB	359°K	387913 +261 Hz
2023-07-26	Wednesday	12: 00	143°	+19°	0 dB	0°	143°	+19°	267°	-16°	4. 0dB	360°K	387793 +233 Hz
2023-07-26	Wednesday	12: 30	149°	+22°	0 dB	0°	149°	+22°	274°	-16°	4. 0dB	361°K	387672 +202 Hz
2023-07-26	Wednesday	13: 00	157°	+24°	0 dB	0°	157°	+24°	281°	-16°	4. 0dB	362°K	387551 +169 Hz
2023-07-26	Wednesday	13: 30	164°	+26°	0 dB	0°	164°	+26°	288°	-16°	4. 0dB	363°K	387429 +134 Hz
2023-07-26	Wednesday	14: 00	172°	+27°	0 dB	0°	172°	+27°	296°	-16°	4. 0dB	364°K	387307 +97 Hz
2023-07-26	Wednesday	14: 30	180°	+27°	0 dB	0°	180°	+27°	303°	-16°	4. 0dB	365°K	387185 +60 Hz
2023-07-26	Wednesday	15: 00	188°	+26°	0 dB	0°	188°	+26°	310°	-16°	4. 0dB	366°K	387063 +23 Hz
2023-07-26	Wednesday	15: 30	195°	+25°	0 dB	0°	195°	+25°	317°	-16°	4. 0dB	367°K	386941 -13 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-26	Wednesday 16:00	203°	+24°	0 dB	0°	203°	+24°	325°	-17°	4.0dB	368°K	386818	-48 Hz
2023-07-26	Wednesday 16:30	210°	+21°	0 dB	0°	210°	+21°	332°	-17°	4.0dB	369°K	386695	-81 Hz
2023-07-26	Wednesday 17:00	217°	+18°	0 dB	0°	217°	+18°	339°	-17°	4.1dB	370°K	386572	-112 Hz
2023-07-26	Wednesday 17:30	223°	+15°	0 dB	0°	223°	+15°	346°	-17°	4.1dB	371°K	386449	-139 Hz
2023-07-26	Wednesday 18:00	229°	+11°	0 dB	0°	229°	+11°	354°	-17°	4.1dB	372°K	386325	-163 Hz
2023-07-26	Wednesday 18:30	235°	+7°	0 dB	0°	235°	+7°	1°	-17°	4.1dB	374°K	386201	-183 Hz
2023-07-26	Wednesday 19:00	240°	+3°	0 dB	0°	240°	+3°	8°	-17°	4.1dB	375°K	386077	-199 Hz
2023-07-27	Thursday 11:00	123°	+2°	0 dB	0°	123°	+2°	240°	-20°	4.2dB	407°K	382012	+314 Hz
2023-07-27	Thursday 11:30	129°	+6°	0 dB	0°	129°	+6°	248°	-20°	4.2dB	408°K	381882	+297 Hz
2023-07-27	Thursday 12:00	135°	+9°	0 dB	0°	135°	+9°	255°	-21°	4.2dB	409°K	381753	+275 Hz
2023-07-27	Thursday 12:30	141°	+13°	0 dB	0°	141°	+13°	262°	-21°	4.2dB	410°K	381623	+250 Hz
2023-07-27	Thursday 13:00	147°	+16°	0 dB	0°	147°	+16°	269°	-21°	4.2dB	411°K	381494	+222 Hz
2023-07-27	Thursday 13:30	154°	+18°	0 dB	0°	154°	+18°	277°	-21°	4.2dB	412°K	381364	+191 Hz
2023-07-27	Thursday 14:00	161°	+20°	0 dB	0°	161°	+20°	284°	-21°	4.2dB	413°K	381234	+158 Hz
2023-07-27	Thursday 14:30	168°	+21°	0 dB	0°	168°	+21°	291°	-21°	4.2dB	414°K	381104	+124 Hz
2023-07-27	Thursday 15:00	175°	+22°	0 dB	0°	175°	+22°	298°	-21°	4.2dB	415°K	380974	+88 Hz
2023-07-27	Thursday 15:30	182°	+22°	0 dB	0°	182°	+22°	305°	-21°	4.2dB	416°K	380844	+52 Hz
2023-07-27	Thursday 16:00	190°	+21°	0 dB	0°	190°	+21°	313°	-21°	4.2dB	417°K	380714	+17 Hz
2023-07-27	Thursday 16:30	197°	+20°	0 dB	0°	197°	+20°	320°	-21°	4.2dB	418°K	380584	-18 Hz
2023-07-27	Thursday 17:00	204°	+18°	0 dB	0°	204°	+18°	327°	-21°	4.3dB	421°K	380453	-51 Hz
2023-07-27	Thursday 17:30	210°	+16°	0 dB	0°	210°	+16°	334°	-22°	4.3dB	423°K	380323	-82 Hz
2023-07-27	Thursday 18:00	217°	+13°	0 dB	0°	217°	+13°	342°	-22°	4.3dB	425°K	380193	-110 Hz
2023-07-27	Thursday 18:30	223°	+10°	0 dB	0°	223°	+10°	349°	-22°	4.3dB	428°K	380062	-136 Hz
2023-07-27	Thursday 19:00	228°	+6°	0 dB	0°	228°	+6°	356°	-22°	4.3dB	430°K	379932	-158 Hz
2023-07-27	Thursday 19:30	234°	+2°	0 dB	0°	234°	+2°	3°	-22°	4.3dB	432°K	379801	-176 Hz
2023-07-28	Fri day 12:30	132°	+3°	0 dB	0°	132°	+3°	249°	-25°	5.1dB	555°K	375368	+286 Hz
2023-07-28	Fri day 13:00	138°	+7°	0 dB	0°	138°	+7°	256°	-25°	5.1dB	561°K	375239	+264 Hz
2023-07-28	Fri day 13:30	144°	+10°	0 dB	0°	144°	+10°	263°	-25°	5.2dB	566°K	375110	+239 Hz
2023-07-28	Fri day 14:00	150°	+12°	0 dB	0°	150°	+12°	271°	-25°	5.2dB	571°K	374981	+212 Hz
2023-07-28	Fri day 14:30	156°	+15°	0 dB	0°	156°	+15°	278°	-25°	5.2dB	577°K	374852	+182 Hz
2023-07-28	Fri day 15:00	163°	+16°	0 dB	0°	163°	+16°	285°	-25°	5.3dB	582°K	374723	+150 Hz
2023-07-28	Fri day 15:30	170°	+18°	0 dB	0°	170°	+18°	292°	-25°	5.3dB	587°K	374594	+116 Hz
2023-07-28	Fri day 16:00	177°	+18°	0 dB	0°	177°	+18°	299°	-25°	5.3dB	593°K	374466	+82 Hz
2023-07-28	Fri day 16:30	184°	+18°	0 dB	0°	184°	+18°	307°	-25°	5.3dB	598°K	374337	+47 Hz
2023-07-28	Fri day 17:00	190°	+17°	0 dB	0°	190°	+17°	314°	-25°	5.4dB	604°K	374209	+13 Hz
2023-07-28	Fri day 17:30	197°	+16°	0 dB	0°	197°	+16°	321°	-25°	5.4dB	610°K	374081	-20 Hz
2023-07-28	Fri day 18:00	204°	+14°	0 dB	0°	204°	+14°	328°	-25°	5.5dB	620°K	373953	-52 Hz
2023-07-28	Fri day 18:30	210°	+12°	0 dB	0°	210°	+12°	336°	-25°	5.5dB	631°K	373825	-81 Hz
2023-07-28	Fri day 19:00	216°	+9°	0 dB	0°	216°	+9°	343°	-25°	5.6dB	642°K	373697	-108 Hz
2023-07-28	Fri day 19:30	222°	+6°	0 dB	0°	222°	+6°	350°	-25°	5.7dB	653°K	373570	-133 Hz
2023-07-28	Fri day 20:00	227°	+2°	0 dB	0°	227°	+2°	357°	-25°	5.7dB	664°K	373443	-153 Hz
2023-07-29	Saturday 13:30	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	8.6dB	1402°K	369132	+275 Hz
2023-07-29	Saturday 14:00	139°	+4°	0 dB	0°	139°	+4°	256°	-27°	8.7dB	1434°K	369014	+254 Hz
2023-07-29	Saturday 14:30	145°	+7°	0 dB	0°	145°	+7°	263°	-27°	8.7dB	1467°K	368897	+230 Hz
2023-07-29	Saturday 15:00	151°	+10°	0 dB	0°	151°	+10°	271°	-27°	8.8dB	1500°K	368779	+203 Hz
2023-07-29	Saturday 15:30	157°	+12°	0 dB	0°	157°	+12°	278°	-27°	8.9dB	1533°K	368663	+174 Hz
2023-07-29	Saturday 16:00	163°	+14°	0 dB	0°	163°	+14°	285°	-27°	9.0dB	1566°K	368546	+143 Hz
2023-07-29	Saturday 16:30	170°	+15°	0 dB	0°	170°	+15°	292°	-27°	9.1dB	1598°K	368430	+110 Hz
2023-07-29	Saturday 17:00	177°	+16°	0 dB	0°	177°	+16°	299°	-27°	9.2dB	1660°K	368314	+77 Hz
2023-07-29	Saturday 17:30	183°	+16°	0 dB	0°	183°	+16°	307°	-27°	9.4dB	1736°K	368199	+43 Hz
2023-07-29	Saturday 18:00	190°	+15°	0 dB	0°	190°	+15°	314°	-27°	9.6dB	1812°K	368084	+10 Hz
2023-07-29	Saturday 18:30	196°	+14°	0 dB	0°	196°	+14°	321°	-27°	9.8dB	1888°K	367969	-23 Hz
2023-07-29	Saturday 19:00	203°	+12°	0 dB	0°	203°	+12°	328°	-27°	9.9dB	1963°K	367855	-54 Hz
2023-07-29	Saturday 19:30	209°	+10°	0 dB	0°	209°	+10°	335°	-28°	10.1dB	2039°K	367741	-83 Hz
2023-07-29	Saturday 20:00	215°	+7°	0 dB	0°	215°	+7°	342°	-28°	10.2dB	2116°K	367627	-109 Hz
2023-07-29	Saturday 20:30	220°	+4°	0 dB	0°	220°	+4°	350°	-28°	10.4dB	2192°K	367514	-133 Hz
2023-07-29	Saturday 21:00	226°	+1°	0 dB	0°	226°	+1°	357°	-28°	10.5dB	2268°K	367402	-154 Hz
2023-07-30	Sunday 14:30	134°	-0°	0 dB	0°	134°	-0°	248°	-28°	10.0dB	2104°K	363751	+265 Hz
2023-07-30	Sunday 15:00	139°	+3°	0 dB	0°	139°	+3°	255°	-28°	9.9dB	2047°K	363656	+245 Hz
2023-07-30	Sunday 15:30	145°	+6°	0 dB	0°	145°	+6°	262°	-28°	9.8dB	1991°K	363562	+222 Hz
2023-07-30	Sunday 16:00	150°	+9°	0 dB	0°	150°	+9°	270°	-28°	9.6dB	1935°K	363468	+196 Hz
2023-07-30	Sunday 16:30	156°	+11°	0 dB	0°	156°	+11°	277°	-28°	9.5dB	1878°K	363375	+167 Hz
2023-07-30	Sunday 17:00	163°	+13°	0 dB	0°	163°	+13°	284°	-28°	9.4dB	1822°K	363282	+136 Hz
2023-07-30	Sunday 17:30	169°	+14°	0 dB	0°	169°	+14°	291°	-28°	9.3dB	1766°K	363190	+104 Hz
2023-07-30	Sunday 18:00	176°	+15°	0 dB	0°	176°	+15°	298°	-28°	9.1dB	1709°K	363098	+71 Hz
2023-07-30	Sunday 18:30	182°	+15°	0 dB	0°	182°	+15°	305°	-28°	9.0dB	1653°K	363007	+38 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-07-30	Sunday	19:00	189°	+15°	0 dB	0°	189°	+15°	313°	-28°	8.8dB	1596°K	362917 +4 Hz
2023-07-30	Sunday	19:30	195°	+14°	0 dB	0°	195°	+14°	320°	-28°	8.7dB	1540°K	362828 -28 Hz
2023-07-30	Sunday	20:00	202°	+12°	0 dB	0°	202°	+12°	327°	-28°	8.5dB	1483°K	362738 -59 Hz
2023-07-30	Sunday	20:30	208°	+10°	0 dB	0°	208°	+10°	334°	-28°	8.3dB	1427°K	362650 -89 Hz
2023-07-30	Sunday	21:00	214°	+7°	0 dB	0°	214°	+7°	341°	-28°	8.2dB	1370°K	362562 -116 Hz
2023-07-30	Sunday	21:30	219°	+5°	0 dB	0°	219°	+5°	348°	-28°	8.0dB	1314°K	362475 -140 Hz
2023-07-30	Sunday	22:00	225°	+1°	0 dB	0°	225°	+1°	356°	-28°	7.8dB	1257°K	362388 -162 Hz
2023-07-31	Monday	15:30	132°	+0°	0 dB	0°	132°	+0°	247°	-27°	3.8dB	475°K	359777 +256 Hz
2023-07-31	Monday	16:00	137°	+4°	0 dB	0°	137°	+4°	254°	-26°	3.7dB	468°K	359715 +237 Hz
2023-07-31	Monday	16:30	143°	+7°	0 dB	0°	143°	+7°	261°	-26°	3.6dB	461°K	359654 +214 Hz
2023-07-31	Monday	17:00	149°	+10°	0 dB	0°	149°	+10°	268°	-26°	3.6dB	454°K	359593 +188 Hz
2023-07-31	Monday	17:30	155°	+12°	0 dB	0°	155°	+12°	275°	-26°	3.5dB	447°K	359534 +159 Hz
2023-07-31	Monday	18:00	161°	+14°	0 dB	0°	161°	+14°	283°	-26°	3.4dB	440°K	359475 +128 Hz
2023-07-31	Monday	18:30	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	3.4dB	433°K	359416 +96 Hz
2023-07-31	Monday	19:00	174°	+17°	0 dB	0°	174°	+17°	297°	-26°	3.3dB	426°K	359359 +62 Hz
2023-07-31	Monday	19:30	181°	+17°	0 dB	0°	181°	+17°	304°	-26°	3.3dB	419°K	359302 +28 Hz
2023-07-31	Monday	20:00	188°	+17°	0 dB	0°	188°	+17°	311°	-26°	3.2dB	412°K	359247 -6 Hz
2023-07-31	Monday	20:30	194°	+16°	0 dB	0°	194°	+16°	318°	-26°	3.1dB	405°K	359191 -40 Hz
2023-07-31	Monday	21:00	201°	+14°	0 dB	0°	201°	+14°	326°	-26°	3.0dB	398°K	359137 -72 Hz
2023-07-31	Monday	21:30	207°	+12°	0 dB	0°	207°	+12°	333°	-26°	3.0dB	391°K	359084 -103 Hz
2023-07-31	Monday	22:00	213°	+10°	0 dB	0°	213°	+10°	340°	-26°	2.9dB	384°K	359031 -131 Hz
2023-07-31	Monday	22:30	219°	+7°	0 dB	0°	219°	+7°	347°	-26°	2.8dB	377°K	358979 -157 Hz
2023-07-31	Monday	23:00	225°	+4°	0 dB	0°	225°	+4°	354°	-26°	2.8dB	370°K	358928 -179 Hz
2023-07-31	Monday	23:30	230°	-0°	0 dB	0°	230°	-0°	2°	-26°	2.7dB	368°K	358877 -198 Hz
2023-08-01	Tuesday	16:30	129°	+3°	0 dB	0°	129°	+3°	246°	-23°	2.2dB	326°K	357638 +247 Hz
2023-08-01	Tuesday	17:00	135°	+6°	0 dB	0°	135°	+6°	253°	-23°	2.2dB	326°K	357616 +227 Hz
2023-08-01	Tuesday	17:30	140°	+10°	0 dB	0°	140°	+10°	260°	-23°	2.2dB	326°K	357595 +204 Hz
2023-08-01	Tuesday	18:00	146°	+13°	0 dB	0°	146°	+13°	267°	-23°	2.2dB	326°K	357575 +177 Hz
2023-08-01	Tuesday	18:30	153°	+16°	0 dB	0°	153°	+16°	275°	-23°	2.2dB	326°K	357555 +148 Hz
2023-08-01	Tuesday	19:00	159°	+18°	0 dB	0°	159°	+18°	282°	-23°	2.2dB	326°K	357536 +116 Hz
2023-08-01	Tuesday	19:30	166°	+19°	0 dB	0°	166°	+19°	289°	-23°	2.2dB	326°K	357518 +82 Hz
2023-08-01	Tuesday	20:00	173°	+20°	0 dB	0°	173°	+20°	296°	-22°	2.2dB	326°K	357501 +48 Hz
2023-08-01	Tuesday	20:30	180°	+21°	0 dB	0°	180°	+21°	303°	-22°	2.2dB	326°K	357485 +12 Hz
2023-08-01	Tuesday	21:00	187°	+20°	0 dB	0°	187°	+20°	310°	-22°	2.2dB	326°K	357470 -23 Hz
2023-08-01	Tuesday	21:30	195°	+20°	0 dB	0°	195°	+20°	318°	-22°	2.2dB	326°K	357455 -58 Hz
2023-08-01	Tuesday	22:00	201°	+18°	0 dB	0°	201°	+18°	325°	-22°	2.2dB	326°K	357441 -92 Hz
2023-08-01	Tuesday	22:30	208°	+16°	0 dB	0°	208°	+16°	332°	-22°	2.2dB	326°K	357428 -124 Hz
2023-08-01	Tuesday	23:00	215°	+14°	0 dB	0°	215°	+14°	339°	-22°	2.2dB	326°K	357416 -154 Hz
2023-08-01	Tuesday	23:30	221°	+11°	0 dB	0°	221°	+11°	346°	-22°	2.2dB	326°K	357405 -181 Hz
2023-08-02	Wednesday	00:00	227°	+7°	0 dB	0°	227°	+7°	354°	-22°	2.2dB	326°K	357395 -205 Hz
2023-08-02	Wednesday	00:30	232°	+4°	0 dB	0°	232°	+4°	1°	-22°	2.2dB	326°K	357385 -225 Hz
2023-08-02	Wednesday	01:00	238°	-0°	0 dB	0°	238°	-0°	8°	-21°	2.2dB	326°K	357377 -242 Hz
2023-08-02	Wednesday	17:00	121°	+3°	0 dB	0°	121°	+3°	239°	-18°	2.0dB	306°K	357541 +252 Hz
2023-08-02	Wednesday	17:30	126°	+7°	0 dB	0°	126°	+7°	246°	-18°	2.0dB	304°K	357560 +235 Hz
2023-08-02	Wednesday	18:00	132°	+11°	0 dB	0°	132°	+11°	253°	-18°	2.0dB	303°K	357580 +215 Hz
2023-08-02	Wednesday	18:30	138°	+15°	0 dB	0°	138°	+15°	260°	-18°	2.0dB	302°K	357600 +190 Hz
2023-08-02	Wednesday	19:00	144°	+18°	0 dB	0°	144°	+18°	267°	-17°	1.9dB	301°K	357622 +163 Hz
2023-08-02	Wednesday	19:30	151°	+21°	0 dB	0°	151°	+21°	275°	-17°	1.9dB	299°K	357644 +132 Hz
2023-08-02	Wednesday	20:00	158°	+23°	0 dB	0°	158°	+23°	282°	-17°	1.9dB	298°K	357667 +99 Hz
2023-08-02	Wednesday	20:30	165°	+25°	0 dB	0°	165°	+25°	289°	-17°	1.9dB	297°K	357691 +64 Hz
2023-08-02	Wednesday	21:00	173°	+26°	0 dB	0°	173°	+26°	296°	-17°	1.9dB	296°K	357715 +27 Hz
2023-08-02	Wednesday	21:30	181°	+26°	0 dB	0°	181°	+26°	303°	-17°	1.9dB	294°K	357741 -10 Hz
2023-08-02	Wednesday	22:00	188°	+26°	0 dB	0°	188°	+26°	311°	-17°	1.8dB	292°K	357767 -47 Hz
2023-08-02	Wednesday	22:30	196°	+25°	0 dB	0°	196°	+25°	318°	-17°	1.8dB	289°K	357794 -83 Hz
2023-08-02	Wednesday	23:00	203°	+23°	0 dB	0°	203°	+23°	325°	-16°	1.8dB	287°K	357822 -118 Hz
2023-08-02	Wednesday	23:30	211°	+21°	0 dB	0°	211°	+21°	332°	-16°	1.8dB	285°K	357850 -152 Hz
2023-08-03	Thursday	00:00	217°	+19°	0 dB	0°	217°	+19°	340°	-16°	1.7dB	283°K	357880 -183 Hz
2023-08-03	Thursday	00:30	224°	+15°	0 dB	0°	224°	+15°	347°	-16°	1.7dB	281°K	357910 -211 Hz
2023-08-03	Thursday	01:00	230°	+12°	0 dB	0°	230°	+12°	354°	-16°	1.7dB	279°K	357941 -236 Hz
2023-08-03	Thursday	01:30	236°	+8°	0 dB	0°	236°	+8°	1°	-16°	1.7dB	277°K	357973 -257 Hz
2023-08-03	Thursday	02:00	241°	+4°	0 dB	0°	241°	+4°	8°	-16°	1.6dB	275°K	358006 -274 Hz
2023-08-03	Thursday	17:30	112°	+4°	0 dB	0°	112°	+4°	232°	-12°	1.3dB	243°K	359401 +253 Hz
2023-08-03	Thursday	18:00	117°	+8°	0 dB	0°	117°	+8°	240°	-12°	1.3dB	243°K	359458 +239 Hz
2023-08-03	Thursday	18:30	123°	+13°	0 dB	0°	123°	+13°	247°	-11°	1.3dB	243°K	359515 +221 Hz
2023-08-03	Thursday	19:00	129°	+17°	0 dB	0°	129°	+17°	254°	-11°	1.3dB	243°K	359574 +199 Hz
2023-08-03	Thursday	19:30	135°	+21°	0 dB	0°	135°	+21°	261°	-11°	1.3dB	243°K	359633 +173 Hz

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-08-03	Thursday	20:00	142°	+24°	0 dB	0°	142°	+24°	269°	-11°	1.3dB	243°K	359692 +144 Hz
2023-08-03	Thursday	20:30	149°	+27°	0 dB	0°	149°	+27°	276°	-11°	1.3dB	243°K	359753 +112 Hz
2023-08-03	Thursday	21:00	157°	+30°	0 dB	0°	157°	+30°	283°	-11°	1.3dB	243°K	359814 +77 Hz
2023-08-03	Thursday	21:30	165°	+31°	0 dB	0°	165°	+31°	290°	-11°	1.3dB	243°K	359876 +40 Hz
2023-08-03	Thursday	22:00	174°	+32°	0 dB	0°	174°	+32°	298°	-10°	1.3dB	243°K	359939 +2 Hz
2023-08-03	Thursday	22:30	182°	+33°	0 dB	0°	182°	+33°	305°	-10°	1.3dB	243°K	360002 -36 Hz
2023-08-03	Thursday	23:00	191°	+32°	0 dB	0°	191°	+32°	312°	-10°	1.3dB	243°K	360066 -75 Hz
2023-08-03	Thursday	23:30	199°	+31°	0 dB	0°	199°	+31°	319°	-10°	1.3dB	243°K	360130 -112 Hz
2023-08-04	Fri day	00:00	207°	+29°	0 dB	0°	207°	+29°	326°	-10°	1.3dB	243°K	360196 -148 Hz
2023-08-04	Fri day	00:30	215°	+27°	0 dB	0°	215°	+27°	334°	-10°	1.3dB	242°K	360262 -183 Hz
2023-08-04	Fri day	01:00	222°	+24°	0 dB	0°	222°	+24°	341°	-10°	1.3dB	242°K	360328 -214 Hz
2023-08-04	Fri day	01:30	229°	+20°	0 dB	0°	229°	+20°	348°	-9°	1.3dB	242°K	360396 -242 Hz
2023-08-04	Fri day	02:00	235°	+17°	0 dB	0°	235°	+17°	355°	-9°	1.3dB	242°K	360464 -267 Hz
2023-08-04	Fri day	02:30	241°	+12°	0 dB	0°	241°	+12°	3°	-9°	1.3dB	242°K	360532 -288 Hz
2023-08-04	Fri day	03:00	247°	+8°	0 dB	0°	247°	+8°	10°	-9°	1.3dB	242°K	360602 -304 Hz
2023-08-04	Fri day	03:30	252°	+3°	0 dB	0°	252°	+3°	17°	-9°	1.3dB	241°K	360672 -316 Hz
2023-08-04	Fri day	17:30	098°	+0°	0 dB	0°	098°	+0°	220°	-5°	1.4dB	239°K	362883 +256 Hz
2023-08-04	Fri day	18:00	104°	+5°	0 dB	0°	104°	+5°	227°	-5°	1.4dB	239°K	362970 +250 Hz
2023-08-04	Fri day	18:30	109°	+10°	0 dB	0°	109°	+10°	234°	-5°	1.4dB	239°K	363058 +240 Hz
2023-08-04	Fri day	19:00	115°	+15°	0 dB	0°	115°	+15°	242°	-5°	1.4dB	239°K	363147 +224 Hz
2023-08-04	Fri day	19:30	120°	+20°	0 dB	0°	120°	+20°	249°	-4°	1.4dB	239°K	363236 +205 Hz
2023-08-04	Fri day	20:00	127°	+24°	0 dB	0°	127°	+24°	256°	-4°	1.4dB	239°K	363325 +181 Hz
2023-08-04	Fri day	20:30	133°	+28°	0 dB	0°	133°	+28°	263°	-4°	1.4dB	239°K	363416 +153 Hz
2023-08-04	Fri day	21:00	141°	+32°	0 dB	0°	141°	+32°	271°	-4°	1.4dB	239°K	363506 +122 Hz
2023-08-04	Fri day	21:30	149°	+35°	0 dB	0°	149°	+35°	278°	-4°	1.4dB	239°K	363597 +88 Hz
2023-08-04	Fri day	22:00	157°	+37°	0 dB	0°	157°	+37°	285°	-4°	1.4dB	239°K	363689 +52 Hz
2023-08-04	Fri day	22:30	166°	+39°	0 dB	0°	166°	+39°	292°	-4°	1.4dB	239°K	363781 +14 Hz
2023-08-04	Fri day	23:00	176°	+40°	0 dB	0°	176°	+40°	300°	-3°	1.4dB	239°K	363874 -25 Hz
2023-08-04	Fri day	23:30	185°	+40°	0 dB	0°	185°	+40°	307°	-3°	1.4dB	239°K	363967 -64 Hz
2023-08-05	Saturday	00:00	195°	+39°	0 dB	0°	195°	+39°	314°	-3°	1.4dB	239°K	364061 -103 Hz
2023-08-05	Saturday	00:30	204°	+38°	0 dB	0°	204°	+38°	321°	-3°	1.4dB	239°K	364155 -141 Hz
2023-08-05	Saturday	01:00	212°	+35°	0 dB	0°	212°	+35°	329°	-3°	1.4dB	239°K	364249 -178 Hz
2023-08-05	Saturday	01:30	220°	+32°	0 dB	0°	220°	+32°	336°	-3°	1.4dB	239°K	364345 -211 Hz
2023-08-05	Saturday	02:00	228°	+29°	0 dB	0°	228°	+29°	343°	-3°	1.5dB	244°K	364440 -243 Hz
2023-08-05	Saturday	02:30	235°	+25°	0 dB	0°	235°	+25°	350°	-2°	1.5dB	244°K	364536 -270 Hz
2023-08-05	Saturday	03:00	241°	+21°	0 dB	0°	241°	+21°	358°	-2°	1.5dB	245°K	364633 -294 Hz
2023-08-05	Saturday	03:30	248°	+17°	0 dB	0°	248°	+17°	5°	-2°	1.6dB	245°K	364730 -314 Hz
2023-08-05	Saturday	04:00	253°	+12°	0 dB	0°	253°	+12°	12°	-2°	1.6dB	246°K	364827 -329 Hz
2023-08-05	Saturday	04:30	259°	+7°	0 dB	0°	259°	+7°	19°	-2°	1.6dB	247°K	364925 -339 Hz
2023-08-05	Saturday	05:00	264°	+2°	0 dB	0°	264°	+2°	27°	-2°	1.6dB	247°K	365024 -345 Hz
2023-08-05	Saturday	18:00	090°	+2°	0 dB	0°	090°	+2°	215°	+2°	1.9dB	263°K	367727 +248 Hz
2023-08-05	Saturday	18:30	095°	+7°	0 dB	0°	095°	+7°	223°	+2°	2.0dB	264°K	367836 +245 Hz
2023-08-05	Saturday	19:00	101°	+12°	0 dB	0°	101°	+12°	230°	+2°	2.0dB	265°K	367945 +237 Hz
2023-08-05	Saturday	19:30	106°	+17°	0 dB	0°	106°	+17°	237°	+2°	2.0dB	265°K	368055 +225 Hz
2023-08-05	Saturday	20:00	112°	+22°	0 dB	0°	112°	+22°	244°	+3°	2.0dB	266°K	368165 +208 Hz
2023-08-05	Saturday	20:30	118°	+27°	0 dB	0°	118°	+27°	252°	+3°	2.0dB	266°K	368275 +187 Hz
2023-08-05	Saturday	21:00	125°	+31°	0 dB	0°	125°	+31°	259°	+3°	2.0dB	267°K	368385 +161 Hz
2023-08-05	Saturday	21:30	132°	+35°	0 dB	0°	132°	+35°	266°	+3°	2.0dB	268°K	368496 +132 Hz
2023-08-05	Saturday	22:00	140°	+39°	0 dB	0°	140°	+39°	273°	+3°	2.1dB	268°K	368608 +99 Hz
2023-08-05	Saturday	22:30	149°	+42°	0 dB	0°	149°	+42°	281°	+3°	2.1dB	269°K	368719 +64 Hz
2023-08-05	Saturday	23:00	158°	+45°	0 dB	0°	158°	+45°	288°	+3°	2.1dB	270°K	368831 +27 Hz
2023-08-05	Saturday	23:30	168°	+46°	0 dB	0°	168°	+46°	295°	+4°	2.1dB	270°K	368943 -12 Hz
2023-08-06	Sunday	00:00	179°	+47°	0 dB	0°	179°	+47°	302°	+4°	2.1dB	271°K	369055 -51 Hz
2023-08-06	Sunday	00:30	190°	+47°	0 dB	0°	190°	+47°	310°	+4°	2.1dB	271°K	369168 -90 Hz
2023-08-06	Sunday	01:00	200°	+46°	0 dB	0°	200°	+46°	317°	+4°	2.1dB	272°K	369281 -129 Hz
2023-08-06	Sunday	01:30	210°	+43°	0 dB	0°	210°	+43°	324°	+4°	2.2dB	273°K	369394 -167 Hz
2023-08-06	Sunday	02:00	219°	+41°	0 dB	0°	219°	+41°	331°	+4°	2.2dB	273°K	369508 -202 Hz
2023-08-06	Sunday	02:30	228°	+37°	0 dB	0°	228°	+37°	339°	+4°	2.2dB	274°K	369621 -235 Hz
2023-08-06	Sunday	03:00	235°	+33°	0 dB	0°	235°	+33°	346°	+4°	2.2dB	274°K	369735 -265 Hz
2023-08-06	Sunday	03:30	242°	+29°	0 dB	0°	242°	+29°	353°	+5°	2.2dB	275°K	369850 -291 Hz
2023-08-06	Sunday	04:00	249°	+25°	0 dB	0°	249°	+25°	0°	+5°	2.2dB	276°K	369964 -313 Hz
2023-08-06	Sunday	04:30	255°	+20°	0 dB	0°	255°	+20°	8°	+5°	2.2dB	276°K	370079 -330 Hz
2023-08-06	Sunday	05:00	260°	+15°	0 dB	0°	260°	+15°	15°	+5°	2.2dB	277°K	370194 -343 Hz
2023-08-06	Sunday	05:30	266°	+10°	0 dB	0°	266°	+10°	22°	+5°	2.2dB	277°K	370309 -352 Hz
2023-08-06	Sunday	06:00	271°	+5°	0 dB	0°	271°	+5°	29°	+5°	2.3dB	278°K	370425 -355 Hz
2023-08-06	Sunday	06:30	276°	+0°	0 dB	0°	276°	+0°	37°	+5°	2.3dB	279°K	370540 -354 Hz

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for TODD GRI GSBY in Locator : N85I x on 144 MHz with TODD GRI GSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-08-06	Sunday	18:30	083°	+4°	0 dB	0°	083°	+4°	211°	+9°	2.6dB	293°K	373375	+239 Hz
2023-08-06	Sunday	19:00	088°	+9°	0 dB	0°	088°	+9°	218°	+9°	2.6dB	294°K	373495	+239 Hz
2023-08-06	Sunday	19:30	093°	+14°	0 dB	0°	093°	+14°	225°	+9°	2.6dB	294°K	373615	+234 Hz
2023-08-06	Sunday	20:00	098°	+19°	0 dB	0°	098°	+19°	233°	+9°	2.6dB	295°K	373735	+224 Hz
2023-08-06	Sunday	20:30	104°	+24°	0 dB	0°	104°	+24°	240°	+9°	2.6dB	295°K	373856	+210 Hz
2023-08-06	Sunday	21:00	109°	+29°	0 dB	0°	109°	+29°	247°	+9°	2.7dB	296°K	373976	+192 Hz
2023-08-06	Sunday	21:30	116°	+34°	0 dB	0°	116°	+34°	254°	+9°	2.7dB	296°K	374097	+169 Hz
2023-08-06	Sunday	22:00	123°	+39°	0 dB	0°	123°	+39°	262°	+10°	2.7dB	296°K	374218	+142 Hz
2023-08-06	Sunday	22:30	131°	+43°	0 dB	0°	131°	+43°	269°	+10°	2.7dB	297°K	374338	+111 Hz
2023-08-06	Sunday	23:00	139°	+47°	0 dB	0°	139°	+47°	276°	+10°	2.7dB	297°K	374459	+78 Hz
2023-08-06	Sunday	23:30	149°	+50°	0 dB	0°	149°	+50°	284°	+10°	2.7dB	297°K	374580	+42 Hz
2023-08-07	Monday	00:00	160°	+52°	0 dB	0°	160°	+52°	291°	+10°	2.7dB	298°K	374701	+5 Hz
2023-08-07	Monday	00:30	172°	+53°	0 dB	0°	172°	+53°	298°	+10°	2.7dB	298°K	374822	-34 Hz
2023-08-07	Monday	01:00	184°	+54°	0 dB	0°	184°	+54°	305°	+10°	2.7dB	298°K	374944	-72 Hz
2023-08-07	Monday	01:30	196°	+53°	0 dB	0°	196°	+53°	313°	+10°	2.7dB	299°K	375065	-111 Hz
2023-08-07	Monday	02:00	207°	+51°	0 dB	0°	207°	+51°	320°	+11°	2.8dB	299°K	375186	-149 Hz
2023-08-07	Monday	02:30	218°	+49°	0 dB	0°	218°	+49°	327°	+11°	2.8dB	299°K	375308	-185 Hz
2023-08-07	Monday	03:00	227°	+45°	0 dB	0°	227°	+45°	334°	+11°	2.8dB	299°K	375429	-219 Hz
2023-08-07	Monday	03:30	236°	+41°	0 dB	0°	236°	+41°	342°	+11°	2.8dB	300°K	375551	-250 Hz
2023-08-07	Monday	04:00	243°	+37°	0 dB	0°	243°	+37°	349°	+11°	2.8dB	300°K	375672	-278 Hz
2023-08-07	Monday	04:30	250°	+32°	0 dB	0°	250°	+32°	356°	+11°	2.8dB	300°K	375794	-302 Hz
2023-08-07	Monday	05:00	256°	+28°	0 dB	0°	256°	+28°	3°	+11°	2.8dB	301°K	375916	-322 Hz
2023-08-07	Monday	05:30	262°	+23°	0 dB	0°	262°	+23°	11°	+11°	2.8dB	301°K	376037	-337 Hz
2023-08-07	Monday	06:00	267°	+18°	0 dB	0°	267°	+18°	18°	+12°	2.8dB	301°K	376159	-348 Hz
2023-08-07	Monday	06:30	273°	+13°	0 dB	0°	273°	+13°	25°	+12°	2.8dB	302°K	376281	-354 Hz
2023-08-07	Monday	07:00	278°	+8°	0 dB	0°	278°	+8°	32°	+12°	2.8dB	302°K	376403	-355 Hz
2023-08-07	Monday	07:30	283°	+3°	0 dB	0°	283°	+3°	40°	+12°	2.8dB	302°K	376524	-352 Hz
2023-08-07	Monday	18:30	070°	+0°	0 dB	0°	070°	+0°	199°	+15°	3.3dB	328°K	379204	+222 Hz
2023-08-07	Monday	19:00	075°	+5°	0 dB	0°	075°	+5°	207°	+15°	3.3dB	330°K	379325	+230 Hz
2023-08-07	Monday	19:30	080°	+10°	0 dB	0°	080°	+10°	214°	+15°	3.3dB	331°K	379447	+232 Hz
2023-08-07	Monday	20:00	085°	+15°	0 dB	0°	085°	+15°	221°	+15°	3.3dB	333°K	379568	+230 Hz
2023-08-07	Monday	20:30	090°	+20°	0 dB	0°	090°	+20°	228°	+15°	3.4dB	334°K	379689	+224 Hz
2023-08-07	Monday	21:00	096°	+26°	0 dB	0°	096°	+26°	236°	+15°	3.4dB	336°K	379810	+213 Hz
2023-08-07	Monday	21:30	101°	+31°	0 dB	0°	101°	+31°	243°	+15°	3.4dB	338°K	379931	+197 Hz
2023-08-07	Monday	22:00	107°	+36°	0 dB	0°	107°	+36°	250°	+15°	3.4dB	339°K	380052	+177 Hz
2023-08-07	Monday	22:30	114°	+41°	0 dB	0°	114°	+41°	257°	+15°	3.5dB	341°K	380173	+153 Hz
2023-08-07	Monday	23:00	121°	+45°	0 dB	0°	121°	+45°	265°	+16°	3.5dB	342°K	380294	+125 Hz
2023-08-07	Monday	23:30	129°	+49°	0 dB	0°	129°	+49°	272°	+16°	3.5dB	344°K	380415	+94 Hz
2023-08-08	Tuesday	00:00	139°	+53°	0 dB	0°	139°	+53°	279°	+16°	3.5dB	345°K	380536	+61 Hz
2023-08-08	Tuesday	00:30	150°	+56°	0 dB	0°	150°	+56°	286°	+16°	3.5dB	347°K	380656	+25 Hz
2023-08-08	Tuesday	01:00	162°	+58°	0 dB	0°	162°	+58°	294°	+16°	3.6dB	348°K	380777	-12 Hz
2023-08-08	Tuesday	01:30	176°	+60°	0 dB	0°	176°	+60°	301°	+16°	3.6dB	349°K	380897	-50 Hz
2023-08-08	Tuesday	02:00	190°	+59°	0 dB	0°	190°	+59°	308°	+16°	3.6dB	349°K	381017	-88 Hz
2023-08-08	Tuesday	02:30	203°	+58°	0 dB	0°	203°	+58°	315°	+16°	3.6dB	350°K	381138	-125 Hz
2023-08-08	Tuesday	03:00	215°	+56°	0 dB	0°	215°	+56°	323°	+16°	3.6dB	351°K	381258	-161 Hz
2023-08-08	Tuesday	03:30	226°	+52°	0 dB	0°	226°	+52°	330°	+17°	3.6dB	352°K	381378	-196 Hz
2023-08-08	Tuesday	04:00	235°	+49°	0 dB	0°	235°	+49°	337°	+17°	3.6dB	353°K	381498	-228 Hz
2023-08-08	Tuesday	04:30	243°	+44°	0 dB	0°	243°	+44°	344°	+17°	3.7dB	353°K	381617	-257 Hz
2023-08-08	Tuesday	05:00	251°	+40°	0 dB	0°	251°	+40°	352°	+17°	3.7dB	354°K	381737	-282 Hz
2023-08-08	Tuesday	05:30	257°	+35°	0 dB	0°	257°	+35°	359°	+17°	3.7dB	355°K	381856	-304 Hz
2023-08-08	Tuesday	06:00	263°	+30°	0 dB	0°	263°	+30°	6°	+17°	3.7dB	356°K	381976	-322 Hz
2023-08-08	Tuesday	06:30	268°	+25°	0 dB	0°	268°	+25°	13°	+17°	3.7dB	356°K	382095	-335 Hz
2023-08-08	Tuesday	07:00	274°	+20°	0 dB	0°	274°	+20°	21°	+17°	3.7dB	357°K	382214	-344 Hz
2023-08-08	Tuesday	07:30	279°	+15°	0 dB	0°	279°	+15°	28°	+17°	3.7dB	358°K	382333	-348 Hz
2023-08-08	Tuesday	08:00	284°	+10°	0 dB	0°	284°	+10°	35°	+17°	3.8dB	359°K	382452	-347 Hz
2023-08-08	Tuesday	08:30	289°	+5°	0 dB	0°	289°	+5°	42°	+18°	3.8dB	359°K	382571	-342 Hz
2023-08-08	Tuesday	09:00	294°	+1°	0 dB	0°	294°	+1°	50°	+18°	3.8dB	360°K	382689	-332 Hz
2023-08-08	Tuesday	19:00	063°	+1°	0 dB	0°	063°	+1°	195°	+20°	3.9dB	363°K	385027	+211 Hz
2023-08-08	Tuesday	19:30	068°	+6°	0 dB	0°	068°	+6°	202°	+20°	3.9dB	362°K	385142	+221 Hz
2023-08-08	Tuesday	20:00	073°	+11°	0 dB	0°	073°	+11°	209°	+20°	3.9dB	361°K	385257	+226 Hz
2023-08-08	Tuesday	20:30	078°	+16°	0 dB	0°	078°	+16°	216°	+20°	3.9dB	360°K	385372	+227 Hz
2023-08-08	Tuesday	21:00	083°	+21°	0 dB	0°	083°	+21°	224°	+20°	3.9dB	359°K	385486	+224 Hz
2023-08-08	Tuesday	21:30	088°	+26°	0 dB	0°	088°	+26°	231°	+20°	3.9dB	359°K	385600	+216 Hz
2023-08-08	Tuesday	22:00	093°	+31°	0 dB	0°	093°	+31°	238°	+20°	3.9dB	358°K	385714	+203 Hz
2023-08-08	Tuesday	22:30	099°	+36°	0 dB	0°	099°	+36°	245°	+20°	3.9dB	357°K	385828	+186 Hz
2023-08-08	Tuesday	23:00	105°	+41°	0 dB	0°	105°	+41°	253°	+20°	3.9dB	356°K	385942	+165 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-08-08	Tuesday 23:30	111°	+46°	0 dB	0°	111°	+46°	260°	+21°	3.9dB	356°K	386055	+140 Hz
2023-08-09	Wednesday00:00	119°	+51°	0 dB	0°	119°	+51°	267°	+21°	3.9dB	355°K	386168	+112 Hz
2023-08-09	Wednesday00:30	128°	+55°	0 dB	0°	128°	+55°	274°	+21°	3.9dB	354°K	386281	+81 Hz
2023-08-09	Wednesday01:00	138°	+59°	0 dB	0°	138°	+59°	282°	+21°	3.9dB	353°K	386394	+48 Hz
2023-08-09	Wednesday01:30	151°	+62°	0 dB	0°	151°	+62°	289°	+21°	3.9dB	352°K	386506	+13 Hz
2023-08-09	Wednesday02:00	165°	+64°	0 dB	0°	165°	+64°	296°	+21°	3.9dB	352°K	386619	-23 Hz
2023-08-09	Wednesday02:30	181°	+65°	0 dB	0°	181°	+65°	303°	+21°	3.9dB	351°K	386731	-60 Hz
2023-08-09	Wednesday03:00	197°	+64°	0 dB	0°	197°	+64°	311°	+21°	3.9dB	350°K	386843	-97 Hz
2023-08-09	Wednesday03:30	211°	+62°	0 dB	0°	211°	+62°	318°	+21°	3.9dB	349°K	386954	-132 Hz
2023-08-09	Wednesday04:00	224°	+59°	0 dB	0°	224°	+59°	325°	+21°	3.8dB	348°K	387066	-167 Hz
2023-08-09	Wednesday04:30	234°	+55°	0 dB	0°	234°	+55°	332°	+21°	3.9dB	348°K	387177	-200 Hz
2023-08-09	Wednesday05:00	243°	+51°	0 dB	0°	243°	+51°	340°	+21°	3.9dB	348°K	387288	-230 Hz
2023-08-09	Wednesday05:30	251°	+46°	0 dB	0°	251°	+46°	347°	+22°	3.9dB	349°K	387398	-257 Hz
2023-08-09	Wednesday06:00	257°	+41°	0 dB	0°	257°	+41°	354°	+22°	3.9dB	350°K	387509	-280 Hz
2023-08-09	Wednesday06:30	263°	+36°	0 dB	0°	263°	+36°	1°	+22°	3.9dB	351°K	387619	-300 Hz
2023-08-09	Wednesday07:00	269°	+31°	0 dB	0°	269°	+31°	9°	+22°	3.9dB	351°K	387729	-315 Hz
2023-08-09	Wednesday07:30	274°	+26°	0 dB	0°	274°	+26°	16°	+22°	3.9dB	352°K	387838	-327 Hz
2023-08-09	Wednesday08:00	279°	+21°	0 dB	0°	279°	+21°	23°	+22°	3.9dB	353°K	387948	-334 Hz
2023-08-09	Wednesday08:30	284°	+17°	0 dB	0°	284°	+17°	30°	+22°	4.0dB	354°K	388057	-336 Hz
2023-08-09	Wednesday09:00	289°	+12°	0 dB	0°	289°	+12°	38°	+22°	4.0dB	355°K	388166	-334 Hz
2023-08-09	Wednesday09:30	294°	+7°	0 dB	0°	294°	+7°	45°	+22°	4.0dB	355°K	388275	-327 Hz
2023-08-09	Wednesday10:00	299°	+3°	0 dB	0°	299°	+3°	52°	+22°	4.0dB	356°K	388383	-316 Hz
2023-08-09	Wednesday19:30	057°	+1°	0 dB	0°	057°	+1°	190°	+24°	4.2dB	372°K	390393	+200 Hz
2023-08-09	Wednesday20:00	062°	+6°	0 dB	0°	062°	+6°	197°	+24°	4.3dB	373°K	390496	+212 Hz
2023-08-09	Wednesday20:30	067°	+10°	0 dB	0°	067°	+10°	204°	+24°	4.3dB	375°K	390599	+221 Hz
2023-08-09	Wednesday21:00	072°	+15°	0 dB	0°	072°	+15°	212°	+24°	4.3dB	376°K	390701	+225 Hz
2023-08-09	Wednesday21:30	077°	+20°	0 dB	0°	077°	+20°	219°	+24°	4.3dB	377°K	390804	+224 Hz
2023-08-09	Wednesday22:00	081°	+25°	0 dB	0°	081°	+25°	226°	+24°	4.3dB	378°K	390905	+220 Hz
2023-08-09	Wednesday22:30	086°	+30°	0 dB	0°	086°	+30°	233°	+24°	4.3dB	379°K	391007	+210 Hz
2023-08-09	Wednesday23:00	091°	+35°	0 dB	0°	091°	+35°	240°	+24°	4.4dB	380°K	391108	+197 Hz
2023-08-09	Wednesday23:30	097°	+40°	0 dB	0°	097°	+40°	248°	+24°	4.4dB	381°K	391209	+179 Hz
2023-08-10	Thursday 00:00	103°	+45°	0 dB	0°	103°	+45°	255°	+24°	4.4dB	383°K	391310	+158 Hz
2023-08-10	Thursday 00:30	109°	+50°	0 dB	0°	109°	+50°	262°	+24°	4.4dB	384°K	391410	+133 Hz
2023-08-10	Thursday 01:00	117°	+55°	0 dB	0°	117°	+55°	269°	+24°	4.4dB	385°K	391511	+105 Hz
2023-08-10	Thursday 01:30	126°	+59°	0 dB	0°	126°	+59°	277°	+25°	4.4dB	386°K	391610	+74 Hz
2023-08-10	Thursday 02:00	138°	+63°	0 dB	0°	138°	+63°	284°	+25°	4.5dB	387°K	391710	+41 Hz
2023-08-10	Thursday 02:30	152°	+66°	0 dB	0°	152°	+66°	291°	+25°	4.5dB	388°K	391809	+7 Hz
2023-08-10	Thursday 03:00	169°	+68°	0 dB	0°	169°	+68°	298°	+25°	4.5dB	389°K	391908	-28 Hz
2023-08-10	Thursday 03:30	187°	+68°	0 dB	0°	187°	+68°	306°	+25°	4.5dB	391°K	392007	-64 Hz
2023-08-10	Thursday 04:00	204°	+67°	0 dB	0°	204°	+67°	313°	+25°	4.5dB	392°K	392105	-100 Hz
2023-08-10	Thursday 04:30	219°	+64°	0 dB	0°	219°	+64°	320°	+25°	4.5dB	393°K	392203	-134 Hz
2023-08-10	Thursday 05:00	231°	+61°	0 dB	0°	231°	+61°	327°	+25°	4.5dB	394°K	392301	-167 Hz
2023-08-10	Thursday 05:30	241°	+57°	0 dB	0°	241°	+57°	335°	+25°	4.6dB	395°K	392398	-198 Hz
2023-08-10	Thursday 06:00	249°	+52°	0 dB	0°	249°	+52°	342°	+25°	4.6dB	396°K	392495	-227 Hz
2023-08-10	Thursday 06:30	256°	+47°	0 dB	0°	256°	+47°	349°	+25°	4.6dB	397°K	392592	-252 Hz
2023-08-10	Thursday 07:00	263°	+42°	0 dB	0°	263°	+42°	356°	+25°	4.6dB	399°K	392688	-274 Hz
2023-08-10	Thursday 07:30	268°	+37°	0 dB	0°	268°	+37°	4°	+25°	4.6dB	400°K	392784	-292 Hz
2023-08-10	Thursday 08:00	273°	+32°	0 dB	0°	273°	+32°	11°	+25°	4.6dB	401°K	392880	-306 Hz
2023-08-10	Thursday 08:30	278°	+27°	0 dB	0°	278°	+27°	18°	+25°	4.7dB	402°K	392976	-316 Hz
2023-08-10	Thursday 09:00	283°	+22°	0 dB	0°	283°	+22°	25°	+25°	4.7dB	404°K	393071	-321 Hz
2023-08-10	Thursday 09:30	288°	+17°	0 dB	0°	288°	+17°	32°	+25°	4.7dB	405°K	393166	-322 Hz
2023-08-10	Thursday 10:00	293°	+13°	0 dB	0°	293°	+13°	40°	+26°	4.7dB	406°K	393260	-319 Hz
2023-08-10	Thursday 10:30	298°	+8°	0 dB	0°	298°	+8°	47°	+26°	4.7dB	408°K	393355	-311 Hz
2023-08-10	Thursday 11:00	302°	+4°	0 dB	0°	302°	+4°	54°	+26°	4.7dB	409°K	393449	-300 Hz
2023-08-10	Thursday 11:30	308°	-0°	0 dB	0°	308°	-0°	61°	+26°	4.8dB	410°K	393542	-284 Hz
2023-08-10	Thursday 20:00	052°	+0°	0 dB	0°	052°	+0°	184°	+26°	5.0dB	433°K	395084	+190 Hz
2023-08-10	Thursday 20:30	057°	+5°	0 dB	0°	057°	+5°	192°	+27°	5.0dB	434°K	395172	+205 Hz
2023-08-10	Thursday 21:00	062°	+9°	0 dB	0°	062°	+9°	199°	+27°	5.1dB	436°K	395259	+216 Hz
2023-08-10	Thursday 21:30	066°	+13°	0 dB	0°	066°	+13°	206°	+27°	5.1dB	438°K	395346	+223 Hz
2023-08-10	Thursday 22:00	071°	+18°	0 dB	0°	071°	+18°	213°	+27°	5.1dB	441°K	395433	+226 Hz
2023-08-10	Thursday 22:30	076°	+23°	0 dB	0°	076°	+23°	221°	+27°	5.1dB	443°K	395519	+225 Hz
2023-08-10	Thursday 23:00	080°	+28°	0 dB	0°	080°	+28°	228°	+27°	5.2dB	446°K	395605	+219 Hz
2023-08-10	Thursday 23:30	085°	+33°	0 dB	0°	085°	+33°	235°	+27°	5.2dB	448°K	395691	+209 Hz
2023-08-11	Fri day 00:00	090°	+38°	0 dB	0°	090°	+38°	242°	+27°	5.2dB	451°K	395777	+195 Hz
2023-08-11	Fri day 00:30	095°	+43°	0 dB	0°	095°	+43°	250°	+27°	5.2dB	453°K	395862	+177 Hz
2023-08-11	Fri day 01:00	101°	+48°	0 dB	0°	101°	+48°	257°	+27°	5.3dB	456°K	395946	+155 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-08-11	Fri day	01: 30	108°	+53°	0 dB	0°	108°	+53°	264°	+27°	5. 3dB	458°K	396031 +130 Hz
2023-08-11	Fri day	02: 00	116°	+58°	0 dB	0°	116°	+58°	271°	+27°	5. 3dB	461°K	396115 +102 Hz
2023-08-11	Fri day	02: 30	126°	+62°	0 dB	0°	126°	+62°	279°	+27°	5. 3dB	463°K	396198 +71 Hz
2023-08-11	Fri day	03: 00	138°	+66°	0 dB	0°	138°	+66°	286°	+27°	5. 4dB	466°K	396282 +39 Hz
2023-08-11	Fri day	03: 30	154°	+69°	0 dB	0°	154°	+69°	293°	+27°	5. 4dB	468°K	396365 +5 Hz
2023-08-11	Fri day	04: 00	172°	+71°	0 dB	0°	172°	+71°	300°	+27°	5. 4dB	471°K	396448 -30 Hz
2023-08-11	Fri day	04: 30	192°	+70°	0 dB	0°	192°	+70°	307°	+27°	5. 4dB	473°K	396530 -65 Hz
2023-08-11	Fri day	05: 00	210°	+69°	0 dB	0°	210°	+69°	315°	+27°	5. 5dB	476°K	396612 -99 Hz
2023-08-11	Fri day	05: 30	225°	+66°	0 dB	0°	225°	+66°	322°	+27°	5. 5dB	478°K	396694 -133 Hz
2023-08-11	Fri day	06: 00	237°	+62°	0 dB	0°	237°	+62°	329°	+27°	5. 5dB	481°K	396775 -165 Hz
2023-08-11	Fri day	06: 30	246°	+57°	0 dB	0°	246°	+57°	336°	+27°	5. 5dB	483°K	396856 -195 Hz
2023-08-11	Fri day	07: 00	254°	+52°	0 dB	0°	254°	+52°	344°	+27°	5. 6dB	486°K	396937 -222 Hz
2023-08-11	Fri day	07: 30	260°	+47°	0 dB	0°	260°	+47°	351°	+27°	5. 6dB	488°K	397017 -246 Hz
2023-08-11	Fri day	08: 00	266°	+42°	0 dB	0°	266°	+42°	358°	+27°	5. 6dB	491°K	397097 -267 Hz
2023-08-11	Fri day	08: 30	272°	+37°	0 dB	0°	272°	+37°	5°	+27°	5. 6dB	493°K	397177 -283 Hz
2023-08-11	Fri day	09: 00	277°	+32°	0 dB	0°	277°	+32°	13°	+27°	5. 6dB	496°K	397256 -296 Hz
2023-08-11	Fri day	09: 30	281°	+27°	0 dB	0°	281°	+27°	20°	+27°	5. 7dB	498°K	397335 -305 Hz
2023-08-11	Fri day	10: 00	286°	+22°	0 dB	0°	286°	+22°	27°	+27°	5. 7dB	500°K	397413 -309 Hz
2023-08-11	Fri day	10: 30	291°	+18°	0 dB	0°	291°	+18°	34°	+27°	5. 7dB	500°K	397492 -310 Hz
2023-08-11	Fri day	11: 00	295°	+13°	0 dB	0°	295°	+13°	41°	+27°	5. 7dB	500°K	397569 -305 Hz
2023-08-11	Fri day	11: 30	300°	+9°	0 dB	0°	300°	+9°	49°	+28°	5. 7dB	500°K	397647 -297 Hz
2023-08-11	Fri day	12: 00	305°	+4°	0 dB	0°	305°	+4°	56°	+28°	5. 7dB	500°K	397724 -285 Hz
2023-08-11	Fri day	12: 30	310°	+0°	0 dB	0°	310°	+0°	63°	+28°	5. 7dB	500°K	397801 -269 Hz
2023-08-11	Fri day	21: 00	052°	+2°	0 dB	0°	052°	+2°	186°	+28°	5. 8dB	500°K	399055 +199 Hz
2023-08-11	Fri day	21: 30	057°	+7°	0 dB	0°	057°	+7°	193°	+28°	5. 8dB	500°K	399126 +213 Hz
2023-08-11	Fri day	22: 00	062°	+11°	0 dB	0°	062°	+11°	201°	+28°	5. 8dB	500°K	399196 +223 Hz
2023-08-11	Fri day	22: 30	067°	+15°	0 dB	0°	067°	+15°	208°	+28°	5. 8dB	500°K	399266 +229 Hz
2023-08-11	Fri day	23: 00	071°	+20°	0 dB	0°	071°	+20°	215°	+28°	5. 8dB	499°K	399336 +231 Hz
2023-08-11	Fri day	23: 30	076°	+25°	0 dB	0°	076°	+25°	222°	+28°	5. 7dB	496°K	399405 +229 Hz
2023-08-12	Saturday	00: 00	080°	+30°	0 dB	0°	080°	+30°	230°	+28°	5. 7dB	492°K	399474 +223 Hz
2023-08-12	Saturday	00: 30	085°	+35°	0 dB	0°	085°	+35°	237°	+28°	5. 7dB	489°K	399542 +212 Hz
2023-08-12	Saturday	01: 00	090°	+40°	0 dB	0°	090°	+40°	244°	+28°	5. 7dB	486°K	399611 +197 Hz
2023-08-12	Saturday	01: 30	096°	+45°	0 dB	0°	096°	+45°	251°	+28°	5. 6dB	482°K	399679 +178 Hz
2023-08-12	Saturday	02: 00	102°	+50°	0 dB	0°	102°	+50°	258°	+28°	5. 6dB	479°K	399746 +156 Hz
2023-08-12	Saturday	02: 30	109°	+55°	0 dB	0°	109°	+55°	266°	+28°	5. 6dB	476°K	399813 +131 Hz
2023-08-12	Saturday	03: 00	117°	+60°	0 dB	0°	117°	+60°	273°	+28°	5. 6dB	472°K	399880 +102 Hz
2023-08-12	Saturday	03: 30	127°	+64°	0 dB	0°	127°	+64°	280°	+28°	5. 5dB	469°K	399947 +71 Hz
2023-08-12	Saturday	04: 00	140°	+68°	0 dB	0°	140°	+68°	287°	+28°	5. 5dB	466°K	400013 +39 Hz
2023-08-12	Saturday	04: 30	157°	+71°	0 dB	0°	157°	+71°	295°	+28°	5. 5dB	462°K	400079 +5 Hz
2023-08-12	Saturday	05: 00	177°	+72°	0 dB	0°	177°	+72°	302°	+28°	5. 5dB	459°K	400144 -29 Hz
2023-08-12	Saturday	05: 30	197°	+71°	0 dB	0°	197°	+71°	309°	+28°	5. 4dB	456°K	400209 -64 Hz
2023-08-12	Saturday	06: 00	215°	+69°	0 dB	0°	215°	+69°	316°	+28°	5. 4dB	452°K	400274 -98 Hz
2023-08-12	Saturday	06: 30	229°	+65°	0 dB	0°	229°	+65°	324°	+28°	5. 4dB	449°K	400338 -131 Hz
2023-08-12	Saturday	07: 00	240°	+61°	0 dB	0°	240°	+61°	331°	+28°	5. 4dB	446°K	400402 -162 Hz
2023-08-12	Saturday	07: 30	249°	+57°	0 dB	0°	249°	+57°	338°	+28°	5. 3dB	442°K	400466 -192 Hz
2023-08-12	Saturday	08: 00	256°	+52°	0 dB	0°	256°	+52°	345°	+28°	5. 3dB	439°K	400529 -218 Hz
2023-08-12	Saturday	08: 30	263°	+47°	0 dB	0°	263°	+47°	353°	+28°	5. 3dB	436°K	400592 -241 Hz
2023-08-12	Saturday	09: 00	268°	+42°	0 dB	0°	268°	+42°	360°	+28°	5. 3dB	433°K	400655 -261 Hz
2023-08-12	Saturday	09: 30	273°	+37°	0 dB	0°	273°	+37°	7°	+28°	5. 2dB	429°K	400718 -277 Hz
2023-08-12	Saturday	10: 00	278°	+32°	0 dB	0°	278°	+32°	14°	+28°	5. 2dB	426°K	400780 -289 Hz
2023-08-12	Saturday	10: 30	283°	+27°	0 dB	0°	283°	+27°	21°	+28°	5. 2dB	423°K	400841 -297 Hz
2023-08-12	Saturday	11: 00	288°	+22°	0 dB	0°	288°	+22°	29°	+28°	5. 2dB	419°K	400902 -301 Hz
2023-08-12	Saturday	11: 30	292°	+17°	0 dB	0°	292°	+17°	36°	+28°	5. 1dB	416°K	400963 -300 Hz
2023-08-12	Saturday	12: 00	297°	+12°	0 dB	0°	297°	+12°	43°	+28°	5. 1dB	413°K	401024 -295 Hz
2023-08-12	Saturday	12: 30	301°	+8°	0 dB	0°	301°	+8°	50°	+28°	5. 1dB	411°K	401084 -286 Hz
2023-08-12	Saturday	13: 00	306°	+4°	0 dB	0°	306°	+4°	58°	+28°	5. 1dB	409°K	401144 -273 Hz
2023-08-12	Saturday	13: 30	311°	-0°	0 dB	0°	311°	-0°	65°	+28°	5. 1dB	408°K	401204 -256 Hz
2023-08-12	Saturday	22: 00	053°	+3°	0 dB	0°	053°	+3°	188°	+28°	4. 8dB	380°K	402164 +211 Hz
2023-08-12	Saturday	22: 30	058°	+8°	0 dB	0°	058°	+8°	195°	+28°	4. 8dB	378°K	402218 +224 Hz
2023-08-12	Saturday	23: 00	063°	+12°	0 dB	0°	063°	+12°	202°	+28°	4. 8dB	376°K	402271 +234 Hz
2023-08-12	Saturday	23: 30	068°	+16°	0 dB	0°	068°	+16°	210°	+28°	4. 8dB	375°K	402324 +239 Hz
2023-08-13	Sunday	00: 00	072°	+21°	0 dB	0°	072°	+21°	217°	+28°	4. 8dB	373°K	402376 +240 Hz
2023-08-13	Sunday	00: 30	077°	+26°	0 dB	0°	077°	+26°	224°	+28°	4. 8dB	372°K	402428 +237 Hz
2023-08-13	Sunday	01: 00	082°	+31°	0 dB	0°	082°	+31°	231°	+28°	4. 8dB	370°K	402480 +229 Hz
2023-08-13	Sunday	01: 30	087°	+36°	0 dB	0°	087°	+36°	239°	+28°	4. 7dB	368°K	402531 +218 Hz
2023-08-13	Sunday	02: 00	092°	+41°	0 dB	0°	092°	+41°	246°	+28°	4. 7dB	365°K	402582 +202 Hz



Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-08-13	Sunday	02: 30	097°	+46°	0 dB	0°	097°	+46°	253°	+28°	4. 7dB	363°K	402633 +182 Hz
2023-08-13	Sunday	03: 00	104°	+51°	0 dB	0°	104°	+51°	260°	+28°	4. 7dB	360°K	402683 +159 Hz
2023-08-13	Sunday	03: 30	111°	+56°	0 dB	0°	111°	+56°	268°	+28°	4. 6dB	358°K	402734 +133 Hz
2023-08-13	Sunday	04: 00	120°	+61°	0 dB	0°	120°	+61°	275°	+28°	4. 6dB	356°K	402783 +104 Hz
2023-08-13	Sunday	04: 30	131°	+65°	0 dB	0°	131°	+65°	282°	+27°	4. 6dB	353°K	402833 +72 Hz
2023-08-13	Sunday	05: 00	145°	+68°	0 dB	0°	145°	+68°	289°	+27°	4. 6dB	351°K	402882 +39 Hz
2023-08-13	Sunday	05: 30	162°	+70°	0 dB	0°	162°	+70°	296°	+27°	4. 5dB	348°K	402930 +5 Hz
2023-08-13	Sunday	06: 00	182°	+71°	0 dB	0°	182°	+71°	304°	+27°	4. 5dB	346°K	402979 -30 Hz
2023-08-13	Sunday	06: 30	201°	+70°	0 dB	0°	201°	+70°	311°	+27°	4. 5dB	343°K	403027 -65 Hz
2023-08-13	Sunday	07: 00	218°	+67°	0 dB	0°	218°	+67°	318°	+27°	4. 5dB	341°K	403074 -99 Hz
2023-08-13	Sunday	07: 30	231°	+64°	0 dB	0°	231°	+64°	325°	+27°	4. 5dB	339°K	403122 -132 Hz
2023-08-13	Sunday	08: 00	242°	+60°	0 dB	0°	242°	+60°	333°	+27°	4. 4dB	336°K	403169 -163 Hz
2023-08-13	Sunday	08: 30	250°	+55°	0 dB	0°	250°	+55°	340°	+27°	4. 4dB	334°K	403216 -192 Hz
2023-08-13	Sunday	09: 00	257°	+50°	0 dB	0°	257°	+50°	347°	+27°	4. 4dB	331°K	403262 -217 Hz
2023-08-13	Sunday	09: 30	263°	+45°	0 dB	0°	263°	+45°	354°	+27°	4. 4dB	329°K	403308 -240 Hz
2023-08-13	Sunday	10: 00	269°	+40°	0 dB	0°	269°	+40°	2°	+27°	4. 3dB	326°K	403354 -259 Hz
2023-08-13	Sunday	10: 30	274°	+35°	0 dB	0°	274°	+35°	9°	+27°	4. 3dB	324°K	403399 -275 Hz
2023-08-13	Sunday	11: 00	279°	+30°	0 dB	0°	279°	+30°	16°	+27°	4. 3dB	322°K	403444 -286 Hz
2023-08-13	Sunday	11: 30	283°	+25°	0 dB	0°	283°	+25°	23°	+27°	4. 2dB	319°K	403489 -293 Hz
2023-08-13	Sunday	12: 00	288°	+20°	0 dB	0°	288°	+20°	31°	+27°	4. 2dB	317°K	403533 -295 Hz
2023-08-13	Sunday	12: 30	293°	+15°	0 dB	0°	293°	+15°	38°	+27°	4. 2dB	314°K	403577 -293 Hz
2023-08-13	Sunday	13: 00	297°	+10°	0 dB	0°	297°	+10°	45°	+27°	4. 2dB	312°K	403621 -287 Hz
2023-08-13	Sunday	13: 30	302°	+6°	0 dB	0°	302°	+6°	52°	+27°	4. 1dB	309°K	403664 -277 Hz
2023-08-13	Sunday	14: 00	307°	+2°	0 dB	0°	307°	+2°	60°	+27°	4. 1dB	307°K	403707 -263 Hz
2023-08-13	Sunday	23: 00	056°	+3°	0 dB	0°	056°	+3°	190°	+26°	3. 5dB	256°K	404426 +226 Hz
2023-08-13	Sunday	23: 30	061°	+8°	0 dB	0°	061°	+8°	197°	+26°	3. 5dB	253°K	404463 +239 Hz
2023-08-14	Monday	00: 00	066°	+12°	0 dB	0°	066°	+12°	205°	+26°	3. 4dB	250°K	404500 +247 Hz
2023-08-14	Monday	00: 30	070°	+17°	0 dB	0°	070°	+17°	212°	+26°	3. 4dB	248°K	404536 +251 Hz
2023-08-14	Monday	01: 00	075°	+22°	0 dB	0°	075°	+22°	219°	+26°	3. 4dB	245°K	404572 +251 Hz
2023-08-14	Monday	01: 30	080°	+26°	0 dB	0°	080°	+26°	226°	+26°	3. 3dB	242°K	404608 +247 Hz
2023-08-14	Monday	02: 00	085°	+31°	0 dB	0°	085°	+31°	234°	+26°	3. 3dB	239°K	404643 +238 Hz
2023-08-14	Monday	02: 30	090°	+37°	0 dB	0°	090°	+37°	241°	+26°	3. 2dB	236°K	404678 +225 Hz
2023-08-14	Monday	03: 00	095°	+42°	0 dB	0°	095°	+42°	248°	+26°	3. 2dB	233°K	404712 +208 Hz
2023-08-14	Monday	03: 30	101°	+47°	0 dB	0°	101°	+47°	255°	+26°	3. 2dB	231°K	404747 +187 Hz
2023-08-14	Monday	04: 00	108°	+51°	0 dB	0°	108°	+51°	263°	+26°	3. 1dB	228°K	404781 +162 Hz
2023-08-14	Monday	04: 30	116°	+56°	0 dB	0°	116°	+56°	270°	+26°	3. 1dB	225°K	404814 +135 Hz
2023-08-14	Monday	05: 00	126°	+61°	0 dB	0°	126°	+61°	277°	+26°	3. 1dB	225°K	404848 +104 Hz
2023-08-14	Monday	05: 30	137°	+64°	0 dB	0°	137°	+64°	284°	+26°	3. 1dB	224°K	404881 +72 Hz
2023-08-14	Monday	06: 00	152°	+67°	0 dB	0°	152°	+67°	292°	+26°	3. 0dB	223°K	404913 +38 Hz
2023-08-14	Monday	06: 30	169°	+69°	0 dB	0°	169°	+69°	299°	+26°	3. 0dB	222°K	404946 +2 Hz
2023-08-14	Monday	07: 00	188°	+69°	0 dB	0°	188°	+69°	306°	+25°	3. 0dB	221°K	404978 -33 Hz
2023-08-14	Monday	07: 30	205°	+67°	0 dB	0°	205°	+67°	313°	+25°	3. 0dB	220°K	405010 -68 Hz
2023-08-14	Monday	08: 00	220°	+65°	0 dB	0°	220°	+65°	321°	+25°	3. 0dB	219°K	405041 -103 Hz
2023-08-14	Monday	08: 30	232°	+61°	0 dB	0°	232°	+61°	328°	+25°	3. 0dB	218°K	405072 -136 Hz
2023-08-14	Monday	09: 00	242°	+57°	0 dB	0°	242°	+57°	335°	+25°	3. 0dB	217°K	405103 -167 Hz
2023-08-14	Monday	09: 30	250°	+52°	0 dB	0°	250°	+52°	342°	+25°	2. 9dB	216°K	405133 -196 Hz
2023-08-14	Monday	10: 00	257°	+47°	0 dB	0°	257°	+47°	350°	+25°	2. 9dB	215°K	405164 -221 Hz
2023-08-14	Monday	10: 30	263°	+42°	0 dB	0°	263°	+42°	357°	+25°	2. 9dB	214°K	405194 -243 Hz
2023-08-14	Monday	11: 00	268°	+37°	0 dB	0°	268°	+37°	4°	+25°	2. 9dB	213°K	405223 -262 Hz
2023-08-14	Monday	11: 30	274°	+32°	0 dB	0°	274°	+32°	11°	+25°	2. 9dB	212°K	405252 -276 Hz
2023-08-14	Monday	12: 00	278°	+27°	0 dB	0°	278°	+27°	19°	+25°	2. 9dB	211°K	405281 -286 Hz
2023-08-14	Monday	12: 30	283°	+22°	0 dB	0°	283°	+22°	26°	+25°	2. 9dB	211°K	405310 -292 Hz
2023-08-14	Monday	13: 00	288°	+17°	0 dB	0°	288°	+17°	33°	+25°	2. 9dB	210°K	405338 -293 Hz
2023-08-14	Monday	13: 30	293°	+12°	0 dB	0°	293°	+12°	40°	+25°	2. 8dB	209°K	405366 -290 Hz
2023-08-14	Monday	14: 00	297°	+7°	0 dB	0°	297°	+7°	48°	+25°	2. 8dB	208°K	405394 -282 Hz
2023-08-14	Monday	14: 30	302°	+3°	0 dB	0°	302°	+3°	55°	+25°	2. 8dB	207°K	405421 -271 Hz
2023-08-15	Tuesday	00: 00	060°	+3°	0 dB	0°	060°	+3°	193°	+23°	2. 5dB	190°K	405882 +244 Hz
2023-08-15	Tuesday	00: 30	065°	+7°	0 dB	0°	065°	+7°	200°	+23°	2. 5dB	189°K	405903 +256 Hz
2023-08-15	Tuesday	01: 00	070°	+12°	0 dB	0°	070°	+12°	207°	+23°	2. 5dB	188°K	405924 +263 Hz
2023-08-15	Tuesday	01: 30	074°	+17°	0 dB	0°	074°	+17°	215°	+23°	2. 5dB	187°K	405945 +266 Hz
2023-08-15	Tuesday	02: 00	079°	+22°	0 dB	0°	079°	+22°	222°	+23°	2. 5dB	186°K	405965 +264 Hz
2023-08-15	Tuesday	02: 30	084°	+27°	0 dB	0°	084°	+27°	229°	+23°	2. 5dB	185°K	405985 +258 Hz
2023-08-15	Tuesday	03: 00	089°	+32°	0 dB	0°	089°	+32°	236°	+23°	2. 4dB	184°K	406005 +247 Hz
2023-08-15	Tuesday	03: 30	095°	+37°	0 dB	0°	095°	+37°	244°	+23°	2. 4dB	183°K	406024 +232 Hz
2023-08-15	Tuesday	04: 00	101°	+42°	0 dB	0°	101°	+42°	251°	+23°	2. 4dB	182°K	406043 +213 Hz
2023-08-15	Tuesday	04: 30	107°	+46°	0 dB	0°	107°	+46°	258°	+23°	2. 4dB	181°K	406062 +190 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-08-15	Tuesday	05:00	115°	+51°	0 dB	0°	115°	+51°	265°	+23°	2.4dB	181°K	406080 +163 Hz
2023-08-15	Tuesday	05:30	123°	+56°	0 dB	0°	123°	+56°	273°	+23°	2.4dB	180°K	406098 +134 Hz
2023-08-15	Tuesday	06:00	134°	+60°	0 dB	0°	134°	+60°	280°	+23°	2.4dB	179°K	406116 +102 Hz
2023-08-15	Tuesday	06:30	146°	+63°	0 dB	0°	146°	+63°	287°	+23°	2.3dB	178°K	406134 +68 Hz
2023-08-15	Tuesday	07:00	161°	+65°	0 dB	0°	161°	+65°	294°	+22°	2.3dB	177°K	406151 +32 Hz
2023-08-15	Tuesday	07:30	177°	+66°	0 dB	0°	177°	+66°	302°	+22°	2.3dB	176°K	406168 -4 Hz
2023-08-15	Tuesday	08:00	194°	+65°	0 dB	0°	194°	+65°	309°	+22°	2.3dB	175°K	406185 -41 Hz
2023-08-15	Tuesday	08:30	209°	+63°	0 dB	0°	209°	+63°	316°	+22°	2.3dB	174°K	406201 -77 Hz
2023-08-15	Tuesday	09:00	222°	+60°	0 dB	0°	222°	+60°	324°	+22°	2.3dB	174°K	406217 -112 Hz
2023-08-15	Tuesday	09:30	233°	+57°	0 dB	0°	233°	+57°	331°	+22°	2.3dB	174°K	406233 -145 Hz
2023-08-15	Tuesday	10:00	242°	+52°	0 dB	0°	242°	+52°	338°	+22°	2.3dB	174°K	406248 -176 Hz
2023-08-15	Tuesday	10:30	249°	+48°	0 dB	0°	249°	+48°	345°	+22°	2.3dB	174°K	406263 -204 Hz
2023-08-15	Tuesday	11:00	256°	+43°	0 dB	0°	256°	+43°	353°	+22°	2.3dB	175°K	406278 -229 Hz
2023-08-15	Tuesday	11:30	262°	+38°	0 dB	0°	262°	+38°	360°	+22°	2.3dB	175°K	406293 -250 Hz
2023-08-15	Tuesday	12:00	268°	+32°	0 dB	0°	268°	+32°	7°	+22°	2.3dB	175°K	406307 -267 Hz
2023-08-15	Tuesday	12:30	273°	+27°	0 dB	0°	273°	+27°	14°	+22°	2.3dB	176°K	406321 -280 Hz
2023-08-15	Tuesday	13:00	278°	+22°	0 dB	0°	278°	+22°	22°	+22°	2.3dB	SUN!	406334 -289 Hz
2023-08-15	Tuesday	13:30	283°	+17°	0 dB	0°	283°	+17°	29°	+21°	2.3dB	SUN!	406348 -293 Hz
2023-08-15	Tuesday	14:00	287°	+12°	0 dB	0°	287°	+12°	36°	+21°	2.3dB	SUN!	406361 -292 Hz
2023-08-15	Tuesday	14:30	292°	+7°	0 dB	0°	292°	+7°	43°	+21°	2.3dB	SUN!	406374 -287 Hz
2023-08-15	Tuesday	15:00	297°	+3°	0 dB	0°	297°	+3°	51°	+21°	2.3dB	SUN!	406386 -277 Hz
2023-08-16	Wednesday	01:00	065°	+2°	0 dB	0°	065°	+2°	196°	+20°	2.4dB	SUN!	406572 +264 Hz
2023-08-16	Wednesday	01:30	070°	+7°	0 dB	0°	070°	+7°	203°	+19°	2.5dB	SUN!	406578 +274 Hz
2023-08-16	Wednesday	02:00	075°	+11°	0 dB	0°	075°	+11°	211°	+19°	2.5dB	SUN!	406584 +279 Hz
2023-08-16	Wednesday	02:30	080°	+16°	0 dB	0°	080°	+16°	218°	+19°	2.5dB	SUN!	406590 +280 Hz
2023-08-16	Wednesday	03:00	085°	+21°	0 dB	0°	085°	+21°	225°	+19°	2.5dB	SUN!	406595 +276 Hz
2023-08-16	Wednesday	03:30	090°	+26°	0 dB	0°	090°	+26°	233°	+19°	2.5dB	SUN!	406600 +267 Hz
2023-08-16	Wednesday	04:00	095°	+31°	0 dB	0°	095°	+31°	240°	+19°	2.5dB	SUN!	406605 +254 Hz
2023-08-16	Wednesday	04:30	101°	+36°	0 dB	0°	101°	+36°	247°	+19°	2.5dB	SUN!	406609 +237 Hz
2023-08-16	Wednesday	05:00	108°	+41°	0 dB	0°	108°	+41°	254°	+19°	2.5dB	SUN!	406614 +215 Hz
2023-08-16	Wednesday	05:30	115°	+46°	0 dB	0°	115°	+46°	262°	+19°	2.5dB	SUN!	406617 +189 Hz
2023-08-16	Wednesday	06:00	123°	+50°	0 dB	0°	123°	+50°	269°	+19°	2.5dB	SUN!	406621 +161 Hz
2023-08-16	Wednesday	06:30	132°	+54°	0 dB	0°	132°	+54°	276°	+19°	2.5dB	SUN!	406624 +129 Hz
2023-08-16	Wednesday	07:00	143°	+58°	0 dB	0°	143°	+58°	284°	+19°	2.5dB	SUN!	406627 +95 Hz
2023-08-16	Wednesday	07:30	156°	+60°	0 dB	0°	156°	+60°	291°	+18°	2.5dB	SUN!	406630 +59 Hz
2023-08-16	Wednesday	08:00	170°	+62°	0 dB	0°	170°	+62°	298°	+18°	2.5dB	SUN!	406632 +22 Hz
2023-08-16	Wednesday	08:30	185°	+62°	0 dB	0°	185°	+62°	305°	+18°	2.5dB	SUN!	406634 -16 Hz
2023-08-16	Wednesday	09:00	199°	+61°	0 dB	0°	199°	+61°	313°	+18°	2.5dB	SUN!	406636 -53 Hz
2023-08-16	Wednesday	09:30	212°	+58°	0 dB	0°	212°	+58°	320°	+18°	2.5dB	SUN!	406637 -90 Hz
2023-08-16	Wednesday	10:00	224°	+55°	0 dB	0°	224°	+55°	327°	+18°	2.5dB	SUN!	406639 -125 Hz
2023-08-16	Wednesday	10:30	233°	+51°	0 dB	0°	233°	+51°	334°	+18°	2.5dB	SUN!	406639 -158 Hz
2023-08-16	Wednesday	11:00	242°	+47°	0 dB	0°	242°	+47°	342°	+18°	2.5dB	SUN!	406640 -189 Hz
2023-08-16	Wednesday	11:30	249°	+42°	0 dB	0°	249°	+42°	349°	+18°	2.5dB	SUN!	406640 -216 Hz
2023-08-16	Wednesday	12:00	255°	+37°	0 dB	0°	255°	+37°	356°	+18°	2.5dB	SUN!	406640 -240 Hz
2023-08-16	Wednesday	12:30	261°	+32°	0 dB	0°	261°	+32°	4°	+17°	2.5dB	SUN!	406640 -259 Hz
2023-08-16	Wednesday	13:00	267°	+27°	0 dB	0°	267°	+27°	11°	+17°	2.5dB	SUN!	406639 -275 Hz
2023-08-16	Wednesday	13:30	272°	+22°	0 dB	0°	272°	+22°	18°	+17°	2.5dB	SUN!	406639 -285 Hz
2023-08-16	Wednesday	14:00	277°	+17°	0 dB	0°	277°	+17°	25°	+17°	2.5dB	SUN!	406637 -292 Hz
2023-08-16	Wednesday	14:30	282°	+12°	0 dB	0°	282°	+12°	33°	+17°	2.5dB	SUN!	406636 -293 Hz
2023-08-16	Wednesday	15:00	287°	+7°	0 dB	0°	287°	+7°	40°	+17°	2.5dB	SUN!	406634 -290 Hz
2023-08-16	Wednesday	15:30	292°	+2°	0 dB	0°	292°	+2°	47°	+17°	2.5dB	SUN!	406632 -282 Hz
2023-08-17	Thursday	02:00	071°	+1°	0 dB	0°	071°	+1°	200°	+15°	2.6dB	192°K	406520 +284 Hz
2023-08-17	Thursday	02:30	076°	+6°	0 dB	0°	076°	+6°	208°	+15°	2.6dB	193°K	406512 +291 Hz
2023-08-17	Thursday	03:00	081°	+11°	0 dB	0°	081°	+11°	215°	+15°	2.6dB	193°K	406503 +294 Hz
2023-08-17	Thursday	03:30	086°	+16°	0 dB	0°	086°	+16°	222°	+15°	2.6dB	193°K	406493 +292 Hz
2023-08-17	Thursday	04:00	091°	+21°	0 dB	0°	091°	+21°	229°	+14°	2.6dB	193°K	406484 +285 Hz
2023-08-17	Thursday	04:30	097°	+26°	0 dB	0°	097°	+26°	237°	+14°	2.6dB	194°K	406474 +274 Hz
2023-08-17	Thursday	05:00	103°	+31°	0 dB	0°	103°	+31°	244°	+14°	2.6dB	194°K	406464 +258 Hz
2023-08-17	Thursday	05:30	109°	+36°	0 dB	0°	109°	+36°	251°	+14°	2.6dB	194°K	406454 +237 Hz
2023-08-17	Thursday	06:00	116°	+40°	0 dB	0°	116°	+40°	259°	+14°	2.6dB	194°K	406443 +213 Hz
2023-08-17	Thursday	06:30	124°	+45°	0 dB	0°	124°	+45°	266°	+14°	2.7dB	195°K	406432 +185 Hz
2023-08-17	Thursday	07:00	132°	+49°	0 dB	0°	132°	+49°	273°	+14°	2.7dB	195°K	406421 +153 Hz
2023-08-17	Thursday	07:30	142°	+52°	0 dB	0°	142°	+52°	280°	+14°	2.7dB	195°K	406409 +119 Hz
2023-08-17	Thursday	08:00	153°	+55°	0 dB	0°	153°	+55°	288°	+14°	2.7dB	195°K	406397 +83 Hz
2023-08-17	Thursday	08:30	166°	+56°	0 dB	0°	166°	+56°	295°	+14°	2.7dB	196°K	406385 +45 Hz
2023-08-17	Thursday	09:00	179°	+57°	0 dB	0°	179°	+57°	302°	+13°	2.7dB	196°K	406373 +7 Hz

Moon Data for TODD GRI GSBY in Locator : N85L x on 144 MHz with TODD GRI GSBY in Locator : N85L x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-08-17	Thursday	09:30	192°	+56°	0 dB	0°	192°	+56°	310°	+13°	2.7dB	196°K	406360	-32 Hz
2023-08-17	Thursday	10:00	204°	+55°	0 dB	0°	204°	+55°	317°	+13°	2.7dB	197°K	406347	-70 Hz
2023-08-17	Thursday	10:30	215°	+52°	0 dB	0°	215°	+52°	324°	+13°	2.7dB	197°K	406333	-106 Hz
2023-08-17	Thursday	11:00	225°	+49°	0 dB	0°	225°	+49°	331°	+13°	2.7dB	197°K	406320	-141 Hz
2023-08-17	Thursday	11:30	234°	+45°	0 dB	0°	234°	+45°	339°	+13°	2.7dB	197°K	406306	-173 Hz
2023-08-17	Thursday	12:00	242°	+40°	0 dB	0°	242°	+40°	346°	+13°	2.7dB	198°K	406291	-203 Hz
2023-08-17	Thursday	12:30	249°	+35°	0 dB	0°	249°	+35°	353°	+13°	2.7dB	198°K	406277	-228 Hz
2023-08-17	Thursday	13:00	255°	+31°	0 dB	0°	255°	+31°	1°	+13°	2.7dB	198°K	406262	-250 Hz
2023-08-17	Thursday	13:30	261°	+25°	0 dB	0°	261°	+25°	8°	+13°	2.7dB	198°K	406247	-268 Hz
2023-08-17	Thursday	14:00	266°	+20°	0 dB	0°	266°	+20°	15°	+12°	2.7dB	199°K	406231	-281 Hz
2023-08-17	Thursday	14:30	271°	+15°	0 dB	0°	271°	+15°	23°	+12°	2.7dB	199°K	406215	-289 Hz
2023-08-17	Thursday	15:00	276°	+10°	0 dB	0°	276°	+10°	30°	+12°	2.7dB	199°K	406199	-292 Hz
2023-08-17	Thursday	15:30	281°	+5°	0 dB	0°	281°	+5°	37°	+12°	2.7dB	199°K	406183	-291 Hz
2023-08-17	Thursday	16:00	286°	-0°	0 dB	0°	286°	-0°	44°	+12°	2.7dB	200°K	406166	-284 Hz
2023-08-18	Fri day	03:00	078°	+0°	0 dB	0°	078°	+0°	205°	+10°	2.8dB	205°K	405721	+302 Hz
2023-08-18	Fri day	03:30	083°	+5°	0 dB	0°	083°	+5°	212°	+9°	2.8dB	206°K	405697	+307 Hz
2023-08-18	Fri day	04:00	088°	+10°	0 dB	0°	088°	+10°	219°	+9°	2.8dB	206°K	405673	+306 Hz
2023-08-18	Fri day	04:30	093°	+15°	0 dB	0°	093°	+15°	227°	+9°	2.8dB	206°K	405649	+301 Hz
2023-08-18	Fri day	05:00	099°	+20°	0 dB	0°	099°	+20°	234°	+9°	2.8dB	207°K	405624	+291 Hz
2023-08-18	Fri day	05:30	105°	+25°	0 dB	0°	105°	+25°	241°	+9°	2.8dB	207°K	405599	+276 Hz
2023-08-18	Fri day	06:00	111°	+30°	0 dB	0°	111°	+30°	249°	+9°	2.8dB	207°K	405574	+257 Hz
2023-08-18	Fri day	06:30	118°	+35°	0 dB	0°	118°	+35°	256°	+9°	2.8dB	207°K	405548	+233 Hz
2023-08-18	Fri day	07:00	125°	+39°	0 dB	0°	125°	+39°	263°	+9°	2.8dB	208°K	405522	+206 Hz
2023-08-18	Fri day	07:30	133°	+43°	0 dB	0°	133°	+43°	271°	+9°	2.8dB	208°K	405496	+175 Hz
2023-08-18	Fri day	08:00	142°	+46°	0 dB	0°	142°	+46°	278°	+8°	2.8dB	208°K	405469	+141 Hz
2023-08-18	Fri day	08:30	152°	+49°	0 dB	0°	152°	+49°	285°	+8°	2.8dB	208°K	405442	+105 Hz
2023-08-18	Fri day	09:00	163°	+51°	0 dB	0°	163°	+51°	292°	+8°	2.8dB	209°K	405415	+67 Hz
2023-08-18	Fri day	09:30	175°	+51°	0 dB	0°	175°	+51°	300°	+8°	2.8dB	209°K	405387	+28 Hz
2023-08-18	Fri day	10:00	187°	+51°	0 dB	0°	187°	+51°	307°	+8°	2.8dB	209°K	405360	-11 Hz
2023-08-18	Fri day	10:30	198°	+50°	0 dB	0°	198°	+50°	314°	+8°	2.8dB	209°K	405331	-50 Hz
2023-08-18	Fri day	11:00	209°	+48°	0 dB	0°	209°	+48°	322°	+8°	2.9dB	210°K	405303	-88 Hz
2023-08-18	Fri day	11:30	218°	+45°	0 dB	0°	218°	+45°	329°	+8°	2.9dB	210°K	405274	-124 Hz
2023-08-18	Fri day	12:00	227°	+41°	0 dB	0°	227°	+41°	336°	+8°	2.9dB	210°K	405245	-158 Hz
2023-08-18	Fri day	12:30	235°	+37°	0 dB	0°	235°	+37°	344°	+7°	2.9dB	210°K	405215	-189 Hz
2023-08-18	Fri day	13:00	242°	+33°	0 dB	0°	242°	+33°	351°	+7°	2.9dB	211°K	405186	-216 Hz
2023-08-18	Fri day	13:30	249°	+28°	0 dB	0°	249°	+28°	358°	+7°	2.9dB	211°K	405156	-239 Hz
2023-08-18	Fri day	14:00	255°	+23°	0 dB	0°	255°	+23°	5°	+7°	2.9dB	211°K	405125	-258 Hz
2023-08-18	Fri day	14:30	260°	+18°	0 dB	0°	260°	+18°	13°	+7°	2.9dB	211°K	405094	-273 Hz
2023-08-18	Fri day	15:00	265°	+13°	0 dB	0°	265°	+13°	20°	+7°	2.9dB	212°K	405063	-283 Hz
2023-08-18	Fri day	15:30	271°	+8°	0 dB	0°	271°	+8°	27°	+7°	2.9dB	212°K	405032	-288 Hz
2023-08-18	Fri day	16:00	276°	+3°	0 dB	0°	276°	+3°	35°	+7°	2.9dB	212°K	405000	-288 Hz
2023-08-19	Saturday	04:00	085°	-0°	0 dB	0°	085°	-0°	210°	+4°	3.3dB	244°K	404143	+316 Hz
2023-08-19	Saturday	04:30	090°	+5°	0 dB	0°	090°	+5°	217°	+4°	3.3dB	245°K	404103	+318 Hz
2023-08-19	Saturday	05:00	096°	+10°	0 dB	0°	096°	+10°	224°	+4°	3.4dB	247°K	404063	+314 Hz
2023-08-19	Saturday	05:30	101°	+15°	0 dB	0°	101°	+15°	232°	+4°	3.4dB	248°K	404022	+305 Hz
2023-08-19	Saturday	06:00	107°	+20°	0 dB	0°	107°	+20°	239°	+3°	3.4dB	250°K	403981	+292 Hz
2023-08-19	Saturday	06:30	113°	+24°	0 dB	0°	113°	+24°	246°	+3°	3.4dB	251°K	403940	+273 Hz
2023-08-19	Saturday	07:00	119°	+29°	0 dB	0°	119°	+29°	254°	+3°	3.4dB	252°K	403899	+251 Hz
2023-08-19	Saturday	07:30	127°	+33°	0 dB	0°	127°	+33°	261°	+3°	3.4dB	254°K	403857	+224 Hz
2023-08-19	Saturday	08:00	134°	+37°	0 dB	0°	134°	+37°	268°	+3°	3.5dB	255°K	403815	+194 Hz
2023-08-19	Saturday	08:30	143°	+40°	0 dB	0°	143°	+40°	276°	+3°	3.5dB	257°K	403772	+161 Hz
2023-08-19	Saturday	09:00	152°	+43°	0 dB	0°	152°	+43°	283°	+3°	3.5dB	258°K	403730	+125 Hz
2023-08-19	Saturday	09:30	162°	+45°	0 dB	0°	162°	+45°	290°	+3°	3.5dB	260°K	403686	+87 Hz
2023-08-19	Saturday	10:00	172°	+46°	0 dB	0°	172°	+46°	297°	+3°	3.5dB	261°K	403643	+49 Hz
2023-08-19	Saturday	10:30	183°	+46°	0 dB	0°	183°	+46°	305°	+2°	3.5dB	262°K	403599	+9 Hz
2023-08-19	Saturday	11:00	193°	+45°	0 dB	0°	193°	+45°	312°	+2°	3.6dB	264°K	403555	-30 Hz
2023-08-19	Saturday	11:30	203°	+43°	0 dB	0°	203°	+43°	319°	+2°	3.6dB	266°K	403510	-69 Hz
2023-08-19	Saturday	12:00	212°	+41°	0 dB	0°	212°	+41°	327°	+2°	3.6dB	267°K	403466	-106 Hz
2023-08-19	Saturday	12:30	221°	+38°	0 dB	0°	221°	+38°	334°	+2°	3.6dB	269°K	403420	-140 Hz
2023-08-19	Saturday	13:00	229°	+34°	0 dB	0°	229°	+34°	341°	+2°	3.6dB	270°K	403375	-172 Hz
2023-08-19	Saturday	13:30	236°	+30°	0 dB	0°	236°	+30°	349°	+2°	3.7dB	272°K	403329	-201 Hz
2023-08-19	Saturday	14:00	242°	+25°	0 dB	0°	242°	+25°	356°	+2°	3.7dB	273°K	403283	-225 Hz
2023-08-19	Saturday	14:30	249°	+21°	0 dB	0°	249°	+21°	3°	+1°	3.7dB	275°K	403236	-246 Hz
2023-08-19	Saturday	15:00	254°	+16°	0 dB	0°	254°	+16°	10°	+1°	3.7dB	276°K	403189	-262 Hz
2023-08-19	Saturday	15:30	260°	+11°	0 dB	0°	260°	+11°	18°	+1°	3.7dB	278°K	403142	-273 Hz
2023-08-19	Saturday	16:00	265°	+5°	0 dB	0°	265°	+5°	25°	+1°	3.7dB	279°K	403095	-279 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-08-19	Saturday	16: 30	270°	+0°	0 dB	0°	270°	+0°	32°	+1°	3. 8dB	281°K	403047	-281 Hz
2023-08-20	Sunday	05: 30	098°	+4°	0 dB	0°	098°	+4°	222°	-2°	4. 1dB	313°K	401681	+324 Hz
2023-08-20	Sunday	06: 00	103°	+9°	0 dB	0°	103°	+9°	229°	-2°	4. 1dB	313°K	401624	+316 Hz
2023-08-20	Sunday	06: 30	109°	+14°	0 dB	0°	109°	+14°	237°	-2°	4. 1dB	313°K	401567	+304 Hz
2023-08-20	Sunday	07: 00	115°	+18°	0 dB	0°	115°	+18°	244°	-2°	4. 1dB	313°K	401509	+288 Hz
2023-08-20	Sunday	07: 30	121°	+23°	0 dB	0°	121°	+23°	251°	-3°	4. 1dB	313°K	401450	+266 Hz
2023-08-20	Sunday	08: 00	128°	+27°	0 dB	0°	128°	+27°	259°	-3°	4. 1dB	313°K	401392	+241 Hz
2023-08-20	Sunday	08: 30	135°	+30°	0 dB	0°	135°	+30°	266°	-3°	4. 1dB	313°K	401333	+212 Hz
2023-08-20	Sunday	09: 00	143°	+34°	0 dB	0°	143°	+34°	273°	-3°	4. 1dB	313°K	401274	+180 Hz
2023-08-20	Sunday	09: 30	151°	+36°	0 dB	0°	151°	+36°	281°	-3°	4. 1dB	313°K	401214	+145 Hz
2023-08-20	Sunday	10: 00	160°	+38°	0 dB	0°	160°	+38°	288°	-3°	4. 1dB	313°K	401154	+108 Hz
2023-08-20	Sunday	10: 30	170°	+40°	0 dB	0°	170°	+40°	295°	-3°	4. 1dB	313°K	401094	+69 Hz
2023-08-20	Sunday	11: 00	179°	+40°	0 dB	0°	179°	+40°	302°	-3°	4. 1dB	313°K	401033	+30 Hz
2023-08-20	Sunday	11: 30	189°	+39°	0 dB	0°	189°	+39°	310°	-3°	4. 1dB	313°K	400972	-9 Hz
2023-08-20	Sunday	12: 00	198°	+38°	0 dB	0°	198°	+38°	317°	-4°	4. 1dB	313°K	400911	-48 Hz
2023-08-20	Sunday	12: 30	207°	+36°	0 dB	0°	207°	+36°	324°	-4°	4. 1dB	313°K	400849	-85 Hz
2023-08-20	Sunday	13: 00	215°	+33°	0 dB	0°	215°	+33°	332°	-4°	4. 1dB	313°K	400787	-120 Hz
2023-08-20	Sunday	13: 30	223°	+30°	0 dB	0°	223°	+30°	339°	-4°	4. 1dB	313°K	400724	-152 Hz
2023-08-20	Sunday	14: 00	230°	+26°	0 dB	0°	230°	+26°	346°	-4°	4. 1dB	313°K	400661	-182 Hz
2023-08-20	Sunday	14: 30	237°	+22°	0 dB	0°	237°	+22°	353°	-4°	4. 1dB	313°K	400598	-208 Hz
2023-08-20	Sunday	15: 00	243°	+18°	0 dB	0°	243°	+18°	1°	-4°	4. 1dB	313°K	400535	-229 Hz
2023-08-20	Sunday	15: 30	249°	+13°	0 dB	0°	249°	+13°	8°	-4°	4. 0dB	313°K	400471	-246 Hz
2023-08-20	Sunday	16: 00	254°	+8°	0 dB	0°	254°	+8°	15°	-5°	4. 0dB	313°K	400407	-259 Hz
2023-08-20	Sunday	16: 30	259°	+3°	0 dB	0°	259°	+3°	23°	-5°	4. 0dB	313°K	400342	-267 Hz
2023-08-21	Monday	06: 30	106°	+3°	0 dB	0°	106°	+3°	227°	-8°	3. 9dB	307°K	398391	+325 Hz
2023-08-21	Monday	07: 00	111°	+8°	0 dB	0°	111°	+8°	234°	-8°	3. 9dB	307°K	398316	+315 Hz
2023-08-21	Monday	07: 30	117°	+12°	0 dB	0°	117°	+12°	241°	-8°	3. 9dB	306°K	398241	+300 Hz
2023-08-21	Monday	08: 00	123°	+16°	0 dB	0°	123°	+16°	249°	-8°	3. 9dB	306°K	398165	+280 Hz
2023-08-21	Monday	08: 30	129°	+21°	0 dB	0°	129°	+21°	256°	-8°	3. 9dB	306°K	398089	+256 Hz
2023-08-21	Monday	09: 00	136°	+24°	0 dB	0°	136°	+24°	263°	-8°	3. 9dB	306°K	398013	+229 Hz
2023-08-21	Monday	09: 30	143°	+27°	0 dB	0°	143°	+27°	271°	-9°	3. 8dB	305°K	397937	+198 Hz
2023-08-21	Monday	10: 00	151°	+30°	0 dB	0°	151°	+30°	278°	-9°	3. 8dB	305°K	397860	+165 Hz
2023-08-21	Monday	10: 30	159°	+32°	0 dB	0°	159°	+32°	285°	-9°	3. 8dB	305°K	397782	+129 Hz
2023-08-21	Monday	11: 00	167°	+33°	0 dB	0°	167°	+33°	293°	-9°	3. 8dB	305°K	397705	+91 Hz
2023-08-21	Monday	11: 30	176°	+34°	0 dB	0°	176°	+34°	300°	-9°	3. 8dB	304°K	397627	+53 Hz
2023-08-21	Monday	12: 00	185°	+34°	0 dB	0°	185°	+34°	307°	-9°	3. 8dB	304°K	397548	+14 Hz
2023-08-21	Monday	12: 30	194°	+33°	0 dB	0°	194°	+33°	314°	-9°	3. 8dB	305°K	397470	-24 Hz
2023-08-21	Monday	13: 00	202°	+31°	0 dB	0°	202°	+31°	322°	-9°	3. 8dB	305°K	397391	-61 Hz
2023-08-21	Monday	13: 30	210°	+29°	0 dB	0°	210°	+29°	329°	-10°	3. 8dB	306°K	397311	-96 Hz
2023-08-21	Monday	14: 00	217°	+26°	0 dB	0°	217°	+26°	336°	-10°	3. 8dB	307°K	397231	-129 Hz
2023-08-21	Monday	14: 30	224°	+23°	0 dB	0°	224°	+23°	344°	-10°	3. 8dB	307°K	397151	-159 Hz
2023-08-21	Monday	15: 00	231°	+19°	0 dB	0°	231°	+19°	351°	-10°	3. 8dB	308°K	397071	-186 Hz
2023-08-21	Monday	15: 30	237°	+15°	0 dB	0°	237°	+15°	358°	-10°	3. 9dB	309°K	396990	-208 Hz
2023-08-21	Monday	16: 00	243°	+10°	0 dB	0°	243°	+10°	5°	-10°	3. 8dB	309°K	396909	-227 Hz
2023-08-21	Monday	16: 30	248°	+5°	0 dB	0°	248°	+5°	13°	-10°	3. 9dB	310°K	396827	-240 Hz
2023-08-21	Monday	17: 00	253°	+1°	0 dB	0°	253°	+1°	20°	-10°	3. 9dB	311°K	396746	-250 Hz
2023-08-22	Tuesday	07: 30	112°	+1°	0 dB	0°	112°	+1°	231°	-14°	4. 0dB	334°K	394223	+322 Hz
2023-08-22	Tuesday	08: 00	118°	+6°	0 dB	0°	118°	+6°	238°	-14°	4. 0dB	335°K	394131	+309 Hz
2023-08-22	Tuesday	08: 30	124°	+10°	0 dB	0°	124°	+10°	246°	-14°	4. 0dB	336°K	394038	+292 Hz
2023-08-22	Tuesday	09: 00	130°	+14°	0 dB	0°	130°	+14°	253°	-14°	4. 0dB	337°K	393945	+270 Hz
2023-08-22	Tuesday	09: 30	136°	+18°	0 dB	0°	136°	+18°	260°	-14°	4. 0dB	338°K	393852	+245 Hz
2023-08-22	Tuesday	10: 00	143°	+21°	0 dB	0°	143°	+21°	268°	-14°	4. 0dB	339°K	393759	+216 Hz
2023-08-22	Tuesday	10: 30	150°	+24°	0 dB	0°	150°	+24°	275°	-14°	4. 1dB	340°K	393665	+185 Hz
2023-08-22	Tuesday	11: 00	157°	+26°	0 dB	0°	157°	+26°	282°	-14°	4. 1dB	341°K	393571	+151 Hz
2023-08-22	Tuesday	11: 30	165°	+28°	0 dB	0°	165°	+28°	289°	-14°	4. 1dB	343°K	393477	+115 Hz
2023-08-22	Tuesday	12: 00	173°	+28°	0 dB	0°	173°	+28°	297°	-15°	4. 1dB	344°K	393382	+78 Hz
2023-08-22	Tuesday	12: 30	181°	+29°	0 dB	0°	181°	+29°	304°	-15°	4. 1dB	345°K	393287	+40 Hz
2023-08-22	Tuesday	13: 00	189°	+28°	0 dB	0°	189°	+28°	311°	-15°	4. 1dB	346°K	393192	+3 Hz
2023-08-22	Tuesday	13: 30	197°	+27°	0 dB	0°	197°	+27°	318°	-15°	4. 1dB	347°K	393096	-34 Hz
2023-08-22	Tuesday	14: 00	204°	+25°	0 dB	0°	204°	+25°	326°	-15°	4. 1dB	348°K	393000	-69 Hz
2023-08-22	Tuesday	14: 30	212°	+22°	0 dB	0°	212°	+22°	333°	-15°	4. 1dB	349°K	392904	-102 Hz
2023-08-22	Tuesday	15: 00	219°	+19°	0 dB	0°	219°	+19°	340°	-15°	4. 1dB	351°K	392807	-132 Hz
2023-08-22	Tuesday	15: 30	225°	+16°	0 dB	0°	225°	+16°	348°	-15°	4. 1dB	352°K	392710	-159 Hz
2023-08-22	Tuesday	16: 00	231°	+12°	0 dB	0°	231°	+12°	355°	-15°	4. 1dB	353°K	392613	-183 Hz
2023-08-22	Tuesday	16: 30	237°	+8°	0 dB	0°	237°	+8°	2°	-15°	4. 2dB	354°K	392515	-203 Hz
2023-08-22	Tuesday	17: 00	242°	+3°	0 dB	0°	242°	+3°	9°	-16°	4. 2dB	355°K	392418	-218 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-08-23	Wednesday08:30	118°	-0°	0 dB	0°	118°	-0°	235°	-19°	4.4dB	388°K	389232	+317 Hz
2023-08-23	Wednesday09:00	124°	+4°	0 dB	0°	124°	+4°	242°	-19°	4.4dB	389°K	389125	+302 Hz
2023-08-23	Wednesday09:30	129°	+8°	0 dB	0°	129°	+8°	249°	-19°	4.4dB	390°K	389018	+283 Hz
2023-08-23	Wednesday10:00	135°	+12°	0 dB	0°	135°	+12°	256°	-19°	4.4dB	391°K	388910	+261 Hz
2023-08-23	Wednesday10:30	141°	+15°	0 dB	0°	141°	+15°	264°	-19°	4.4dB	392°K	388801	+235 Hz
2023-08-23	Wednesday11:00	148°	+18°	0 dB	0°	148°	+18°	271°	-19°	4.4dB	393°K	388693	+206 Hz
2023-08-23	Wednesday11:30	155°	+20°	0 dB	0°	155°	+20°	278°	-19°	4.4dB	394°K	388584	+174 Hz
2023-08-23	Wednesday12:00	162°	+22°	0 dB	0°	162°	+22°	285°	-19°	4.4dB	395°K	388475	+140 Hz
2023-08-23	Wednesday12:30	169°	+23°	0 dB	0°	169°	+23°	293°	-20°	4.4dB	396°K	388366	+105 Hz
2023-08-23	Wednesday13:00	177°	+23°	0 dB	0°	177°	+23°	300°	-20°	4.4dB	397°K	388257	+69 Hz
2023-08-23	Wednesday13:30	184°	+23°	0 dB	0°	184°	+23°	307°	-20°	4.4dB	398°K	388147	+33 Hz
2023-08-23	Wednesday14:00	192°	+23°	0 dB	0°	192°	+23°	314°	-20°	4.4dB	399°K	388037	-3 Hz
2023-08-23	Wednesday14:30	199°	+21°	0 dB	0°	199°	+21°	322°	-20°	4.4dB	399°K	387927	-38 Hz
2023-08-23	Wednesday15:00	206°	+19°	0 dB	0°	206°	+19°	329°	-20°	4.4dB	400°K	387816	-71 Hz
2023-08-23	Wednesday15:30	213°	+17°	0 dB	0°	213°	+17°	336°	-20°	4.4dB	401°K	387706	-102 Hz
2023-08-23	Wednesday16:00	219°	+13°	0 dB	0°	219°	+13°	343°	-20°	4.4dB	402°K	387595	-130 Hz
2023-08-23	Wednesday16:30	225°	+10°	0 dB	0°	225°	+10°	351°	-20°	4.4dB	403°K	387483	-155 Hz
2023-08-23	Wednesday17:00	231°	+6°	0 dB	0°	231°	+6°	358°	-20°	4.4dB	404°K	387372	-176 Hz
2023-08-23	Wednesday17:30	236°	+2°	0 dB	0°	236°	+2°	5°	-20°	4.4dB	405°K	387260	-193 Hz
2023-08-24	Thursday 10:00	128°	+2°	0 dB	0°	128°	+2°	244°	-23°	4.8dB	464°K	383451	+295 Hz
2023-08-24	Thursday 10:30	134°	+6°	0 dB	0°	134°	+6°	251°	-23°	4.8dB	466°K	383333	+276 Hz
2023-08-24	Thursday 11:00	139°	+9°	0 dB	0°	139°	+9°	259°	-23°	4.8dB	468°K	383214	+253 Hz
2023-08-24	Thursday 11:30	145°	+12°	0 dB	0°	145°	+12°	266°	-23°	4.8dB	471°K	383095	+227 Hz
2023-08-24	Thursday 12:00	152°	+14°	0 dB	0°	152°	+14°	273°	-24°	4.8dB	473°K	382976	+198 Hz
2023-08-24	Thursday 12:30	158°	+17°	0 dB	0°	158°	+17°	280°	-24°	4.8dB	475°K	382856	+166 Hz
2023-08-24	Thursday 13:00	165°	+18°	0 dB	0°	165°	+18°	288°	-24°	4.9dB	478°K	382737	+133 Hz
2023-08-24	Thursday 13:30	172°	+19°	0 dB	0°	172°	+19°	295°	-24°	4.9dB	482°K	382617	+99 Hz
2023-08-24	Thursday 14:00	179°	+19°	0 dB	0°	179°	+19°	302°	-24°	4.9dB	487°K	382498	+64 Hz
2023-08-24	Thursday 14:30	186°	+19°	0 dB	0°	186°	+19°	309°	-24°	4.9dB	492°K	382378	+29 Hz
2023-08-24	Thursday 15:00	193°	+18°	0 dB	0°	193°	+18°	317°	-24°	5.0dB	497°K	382258	-5 Hz
2023-08-24	Thursday 15:30	200°	+17°	0 dB	0°	200°	+17°	324°	-24°	5.0dB	502°K	382138	-38 Hz
2023-08-24	Thursday 16:00	206°	+15°	0 dB	0°	206°	+15°	331°	-24°	5.1dB	508°K	382017	-69 Hz
2023-08-24	Thursday 16:30	213°	+12°	0 dB	0°	213°	+12°	338°	-24°	5.1dB	513°K	381897	-98 Hz
2023-08-24	Thursday 17:00	219°	+9°	0 dB	0°	219°	+9°	345°	-24°	5.1dB	518°K	381776	-124 Hz
2023-08-24	Thursday 17:30	224°	+6°	0 dB	0°	224°	+6°	353°	-24°	5.2dB	523°K	381656	-147 Hz
2023-08-24	Thursday 18:00	230°	+2°	0 dB	0°	230°	+2°	360°	-24°	5.2dB	528°K	381535	-167 Hz
2023-08-25	Fri day 11:00	131°	-0°	0 dB	0°	131°	-0°	245°	-26°	6.7dB	806°K	377379	+289 Hz
2023-08-25	Fri day 11:30	136°	+3°	0 dB	0°	136°	+3°	252°	-26°	6.7dB	817°K	377256	+269 Hz
2023-08-25	Fri day 12:00	142°	+7°	0 dB	0°	142°	+7°	260°	-26°	6.8dB	827°K	377133	+247 Hz
2023-08-25	Fri day 12:30	148°	+9°	0 dB	0°	148°	+9°	267°	-27°	6.8dB	838°K	377010	+221 Hz
2023-08-25	Fri day 13:00	154°	+12°	0 dB	0°	154°	+12°	274°	-27°	6.9dB	849°K	376887	+193 Hz
2023-08-25	Fri day 13:30	160°	+14°	0 dB	0°	160°	+14°	281°	-27°	6.9dB	860°K	376764	+162 Hz
2023-08-25	Fri day 14:00	167°	+15°	0 dB	0°	167°	+15°	289°	-27°	7.0dB	874°K	376641	+130 Hz
2023-08-25	Fri day 14:30	173°	+16°	0 dB	0°	173°	+16°	296°	-27°	7.1dB	905°K	376518	+97 Hz
2023-08-25	Fri day 15:00	180°	+16°	0 dB	0°	180°	+16°	303°	-27°	7.2dB	936°K	376396	+63 Hz
2023-08-25	Fri day 15:30	187°	+16°	0 dB	0°	187°	+16°	310°	-27°	7.4dB	967°K	376273	+30 Hz
2023-08-25	Fri day 16:00	193°	+15°	0 dB	0°	193°	+15°	317°	-27°	7.5dB	998°K	376150	-4 Hz
2023-08-25	Fri day 16:30	200°	+14°	0 dB	0°	200°	+14°	325°	-27°	7.6dB	1029°K	376027	-35 Hz
2023-08-25	Fri day 17:00	206°	+12°	0 dB	0°	206°	+12°	332°	-27°	7.7dB	1061°K	375904	-66 Hz
2023-08-25	Fri day 17:30	212°	+9°	0 dB	0°	212°	+9°	339°	-27°	7.8dB	1092°K	375781	-94 Hz
2023-08-25	Fri day 18:00	218°	+6°	0 dB	0°	218°	+6°	346°	-27°	8.0dB	1123°K	375659	-119 Hz
2023-08-25	Fri day 18:30	223°	+3°	0 dB	0°	223°	+3°	353°	-27°	8.1dB	1154°K	375536	-141 Hz
2023-08-26	Saturday 12:30	137°	+2°	0 dB	0°	137°	+2°	252°	-28°	12.2dB	3215°K	371187	+265 Hz
2023-08-26	Saturday 13:00	142°	+5°	0 dB	0°	142°	+5°	260°	-28°	12.3dB	3290°K	371069	+243 Hz
2023-08-26	Saturday 13:30	148°	+8°	0 dB	0°	148°	+8°	267°	-28°	12.2dB	3263°K	370951	+218 Hz
2023-08-26	Saturday 14:00	154°	+10°	0 dB	0°	154°	+10°	274°	-28°	12.1dB	3209°K	370833	+190 Hz
2023-08-26	Saturday 14:30	160°	+12°	0 dB	0°	160°	+12°	281°	-28°	12.1dB	3155°K	370716	+161 Hz
2023-08-26	Saturday 15:00	167°	+14°	0 dB	0°	167°	+14°	288°	-28°	12.0dB	3101°K	370599	+129 Hz
2023-08-26	Saturday 15:30	173°	+15°	0 dB	0°	173°	+15°	296°	-28°	11.9dB	3047°K	370482	+96 Hz
2023-08-26	Saturday 16:00	180°	+15°	0 dB	0°	180°	+15°	303°	-28°	11.8dB	2993°K	370365	+63 Hz
2023-08-26	Saturday 16:30	186°	+15°	0 dB	0°	186°	+15°	310°	-28°	11.7dB	2939°K	370249	+30 Hz
2023-08-26	Saturday 17:00	193°	+14°	0 dB	0°	193°	+14°	317°	-28°	11.7dB	2884°K	370133	-3 Hz
2023-08-26	Saturday 17:30	199°	+12°	0 dB	0°	199°	+12°	324°	-28°	11.6dB	2830°K	370017	-35 Hz
2023-08-26	Saturday 18:00	205°	+11°	0 dB	0°	205°	+11°	331°	-28°	11.5dB	2776°K	369901	-64 Hz
2023-08-26	Saturday 18:30	211°	+8°	0 dB	0°	211°	+8°	339°	-28°	11.4dB	2721°K	369785	-92 Hz
2023-08-26	Saturday 19:00	217°	+5°	0 dB	0°	217°	+5°	346°	-28°	11.3dB	2667°K	369670	-118 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-08-26	Saturday	19:30	223°	+2°	0 dB	0°	223°	+2°	353°	-28°	11.2dB	2613°K	369555	-140 Hz
2023-08-27	Sunday	13:30	136°	+2°	0 dB	0°	136°	+2°	252°	-28°	6.1dB	803°K	365626	+262 Hz
2023-08-27	Sunday	14:00	142°	+5°	0 dB	0°	142°	+5°	259°	-28°	6.0dB	787°K	365524	+240 Hz
2023-08-27	Sunday	14:30	147°	+8°	0 dB	0°	147°	+8°	266°	-28°	5.9dB	771°K	365422	+215 Hz
2023-08-27	Sunday	15:00	153°	+11°	0 dB	0°	153°	+11°	273°	-28°	5.8dB	755°K	365321	+188 Hz
2023-08-27	Sunday	15:30	159°	+13°	0 dB	0°	159°	+13°	280°	-27°	5.8dB	740°K	365220	+158 Hz
2023-08-27	Sunday	16:00	166°	+14°	0 dB	0°	166°	+14°	287°	-27°	5.7dB	724°K	365119	+127 Hz
2023-08-27	Sunday	16:30	172°	+15°	0 dB	0°	172°	+15°	295°	-27°	5.6dB	708°K	365019	+94 Hz
2023-08-27	Sunday	17:00	179°	+16°	0 dB	0°	179°	+16°	302°	-27°	5.5dB	692°K	364920	+60 Hz
2023-08-27	Sunday	17:30	186°	+15°	0 dB	0°	186°	+15°	309°	-27°	5.4dB	677°K	364820	+27 Hz
2023-08-27	Sunday	18:00	192°	+15°	0 dB	0°	192°	+15°	316°	-27°	5.3dB	661°K	364722	-6 Hz
2023-08-27	Sunday	18:30	199°	+13°	0 dB	0°	199°	+13°	323°	-27°	5.2dB	645°K	364624	-39 Hz
2023-08-27	Sunday	19:00	205°	+12°	0 dB	0°	205°	+12°	331°	-27°	5.1dB	629°K	364526	-69 Hz
2023-08-27	Sunday	19:30	211°	+9°	0 dB	0°	211°	+9°	338°	-27°	5.0dB	614°K	364429	-98 Hz
2023-08-27	Sunday	20:00	217°	+7°	0 dB	0°	217°	+7°	345°	-27°	4.9dB	598°K	364332	-124 Hz
2023-08-27	Sunday	20:30	222°	+3°	0 dB	0°	222°	+3°	352°	-27°	4.8dB	582°K	364235	-147 Hz
2023-08-27	Sunday	21:00	228°	-0°	0 dB	0°	228°	-0°	359°	-27°	4.6dB	566°K	364140	-167 Hz
2023-08-28	Monday	14:00	129°	-0°	0 dB	0°	129°	-0°	244°	-25°	2.7dB	352°K	361200	+275 Hz
2023-08-28	Monday	14:30	134°	+4°	0 dB	0°	134°	+4°	251°	-25°	2.7dB	350°K	361124	+257 Hz
2023-08-28	Monday	15:00	140°	+7°	0 dB	0°	140°	+7°	258°	-25°	2.6dB	348°K	361048	+235 Hz
2023-08-28	Monday	15:30	145°	+10°	0 dB	0°	145°	+10°	265°	-25°	2.6dB	346°K	360973	+210 Hz
2023-08-28	Monday	16:00	152°	+13°	0 dB	0°	152°	+13°	272°	-25°	2.6dB	344°K	360899	+183 Hz
2023-08-28	Monday	16:30	158°	+15°	0 dB	0°	158°	+15°	279°	-25°	2.6dB	342°K	360825	+152 Hz
2023-08-28	Monday	17:00	164°	+17°	0 dB	0°	164°	+17°	287°	-25°	2.5dB	340°K	360752	+120 Hz
2023-08-28	Monday	17:30	171°	+18°	0 dB	0°	171°	+18°	294°	-25°	2.5dB	338°K	360680	+86 Hz
2023-08-28	Monday	18:00	178°	+18°	0 dB	0°	178°	+18°	301°	-25°	2.5dB	336°K	360608	+52 Hz
2023-08-28	Monday	18:30	185°	+18°	0 dB	0°	185°	+18°	308°	-25°	2.5dB	334°K	360537	+17 Hz
2023-08-28	Monday	19:00	192°	+18°	0 dB	0°	192°	+18°	315°	-24°	2.4dB	332°K	360467	-17 Hz
2023-08-28	Monday	19:30	199°	+16°	0 dB	0°	199°	+16°	323°	-24°	2.4dB	331°K	360397	-51 Hz
2023-08-28	Monday	20:00	205°	+15°	0 dB	0°	205°	+15°	330°	-24°	2.4dB	329°K	360328	-83 Hz
2023-08-28	Monday	20:30	212°	+12°	0 dB	0°	212°	+12°	337°	-24°	2.4dB	327°K	360260	-112 Hz
2023-08-28	Monday	21:00	218°	+10°	0 dB	0°	218°	+10°	344°	-24°	2.4dB	326°K	360192	-140 Hz
2023-08-28	Monday	21:30	223°	+6°	0 dB	0°	223°	+6°	351°	-24°	2.4dB	326°K	360125	-164 Hz
2023-08-28	Monday	22:00	229°	+3°	0 dB	0°	229°	+3°	359°	-24°	2.4dB	326°K	360058	-185 Hz
2023-08-29	Tuesday	15:00	126°	+3°	0 dB	0°	126°	+3°	243°	-21°	2.3dB	326°K	358230	+268 Hz
2023-08-29	Tuesday	15:30	131°	+7°	0 dB	0°	131°	+7°	250°	-21°	2.3dB	326°K	358190	+249 Hz
2023-08-29	Tuesday	16:00	137°	+11°	0 dB	0°	137°	+11°	258°	-21°	2.3dB	326°K	358150	+227 Hz
2023-08-29	Tuesday	16:30	143°	+14°	0 dB	0°	143°	+14°	265°	-21°	2.3dB	326°K	358111	+201 Hz
2023-08-29	Tuesday	17:00	150°	+17°	0 dB	0°	150°	+17°	272°	-20°	2.3dB	326°K	358073	+172 Hz
2023-08-29	Tuesday	17:30	156°	+19°	0 dB	0°	156°	+19°	279°	-20°	2.3dB	326°K	358035	+140 Hz
2023-08-29	Tuesday	18:00	163°	+21°	0 dB	0°	163°	+21°	286°	-20°	2.3dB	326°K	357999	+107 Hz
2023-08-29	Tuesday	18:30	170°	+22°	0 dB	0°	170°	+22°	294°	-20°	2.2dB	326°K	357963	+71 Hz
2023-08-29	Tuesday	19:00	178°	+23°	0 dB	0°	178°	+23°	301°	-20°	2.2dB	326°K	357928	+35 Hz
2023-08-29	Tuesday	19:30	185°	+23°	0 dB	0°	185°	+23°	308°	-20°	2.2dB	326°K	357894	-1 Hz
2023-08-29	Tuesday	20:00	193°	+22°	0 dB	0°	193°	+22°	315°	-20°	2.2dB	326°K	357860	-37 Hz
2023-08-29	Tuesday	20:30	200°	+21°	0 dB	0°	200°	+21°	322°	-20°	2.2dB	324°K	357828	-72 Hz
2023-08-29	Tuesday	21:00	207°	+19°	0 dB	0°	207°	+19°	330°	-20°	2.2dB	323°K	357796	-105 Hz
2023-08-29	Tuesday	21:30	213°	+17°	0 dB	0°	213°	+17°	337°	-19°	2.2dB	322°K	357765	-136 Hz
2023-08-29	Tuesday	22:00	220°	+14°	0 dB	0°	220°	+14°	344°	-19°	2.2dB	320°K	357735	-165 Hz
2023-08-29	Tuesday	22:30	226°	+11°	0 dB	0°	226°	+11°	351°	-19°	2.2dB	319°K	357705	-191 Hz
2023-08-29	Tuesday	23:00	232°	+7°	0 dB	0°	232°	+7°	358°	-19°	2.1dB	318°K	357677	-213 Hz
2023-08-29	Tuesday	23:30	237°	+3°	0 dB	0°	237°	+3°	6°	-19°	2.1dB	317°K	357649	-231 Hz
2023-08-30	Wednesday	15:30	117°	+4°	0 dB	0°	117°	+4°	237°	-15°	1.5dB	264°K	357198	+271 Hz
2023-08-30	Wednesday	16:00	123°	+8°	0 dB	0°	123°	+8°	244°	-15°	1.4dB	261°K	357198	+256 Hz
2023-08-30	Wednesday	16:30	128°	+12°	0 dB	0°	128°	+12°	251°	-15°	1.4dB	259°K	357198	+236 Hz
2023-08-30	Wednesday	17:00	134°	+16°	0 dB	0°	134°	+16°	258°	-15°	1.4dB	257°K	357200	+212 Hz
2023-08-30	Wednesday	17:30	141°	+20°	0 dB	0°	141°	+20°	265°	-15°	1.3dB	255°K	357202	+185 Hz
2023-08-30	Wednesday	18:00	148°	+23°	0 dB	0°	148°	+23°	273°	-14°	1.3dB	253°K	357205	+154 Hz
2023-08-30	Wednesday	18:30	155°	+25°	0 dB	0°	155°	+25°	280°	-14°	1.3dB	251°K	357209	+121 Hz
2023-08-30	Wednesday	19:00	162°	+27°	0 dB	0°	162°	+27°	287°	-14°	1.2dB	249°K	357214	+86 Hz
2023-08-30	Wednesday	19:30	170°	+29°	0 dB	0°	170°	+29°	294°	-14°	1.2dB	247°K	357220	+49 Hz
2023-08-30	Wednesday	20:00	178°	+29°	0 dB	0°	178°	+29°	301°	-14°	1.2dB	245°K	357226	+11 Hz
2023-08-30	Wednesday	20:30	186°	+29°	0 dB	0°	186°	+29°	309°	-14°	1.2dB	243°K	357234	-27 Hz
2023-08-30	Wednesday	21:00	194°	+28°	0 dB	0°	194°	+28°	316°	-14°	1.2dB	243°K	357242	-64 Hz
2023-08-30	Wednesday	21:30	202°	+27°	0 dB	0°	202°	+27°	323°	-13°	1.2dB	243°K	357251	-101 Hz
2023-08-30	Wednesday	22:00	210°	+25°	0 dB	0°	210°	+25°	330°	-13°	1.2dB	243°K	357261	-135 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-08-30	Wednesday	22:30	217°	+22°	0 dB	0°	217°	+22°	338°	-13°	1.2dB	243°K	357272	-168 Hz
2023-08-30	Wednesday	23:00	224°	+19°	0 dB	0°	224°	+19°	345°	-13°	1.2dB	243°K	357284	-197 Hz
2023-08-30	Wednesday	23:30	230°	+15°	0 dB	0°	230°	+15°	352°	-13°	1.2dB	243°K	357296	-223 Hz
2023-08-31	Thursday	00:00	236°	+12°	0 dB	0°	236°	+12°	359°	-13°	1.2dB	243°K	357309	-246 Hz
2023-08-31	Thursday	00:30	242°	+7°	0 dB	0°	242°	+7°	7°	-13°	1.2dB	243°K	357324	-264 Hz
2023-08-31	Thursday	01:00	247°	+3°	0 dB	0°	247°	+3°	14°	-13°	1.2dB	243°K	357339	-278 Hz
2023-08-31	Thursday	15:30	103°	+0°	0 dB	0°	103°	+0°	223°	-8°	1.2dB	241°K	358140	+276 Hz
2023-08-31	Thursday	16:00	109°	+5°	0 dB	0°	109°	+5°	231°	-8°	1.2dB	241°K	358180	+268 Hz
2023-08-31	Thursday	16:30	114°	+10°	0 dB	0°	114°	+10°	238°	-8°	1.2dB	241°K	358221	+255 Hz
2023-08-31	Thursday	17:00	120°	+14°	0 dB	0°	120°	+14°	245°	-8°	1.2dB	241°K	358262	+238 Hz
2023-08-31	Thursday	17:30	126°	+19°	0 dB	0°	126°	+19°	252°	-8°	1.2dB	240°K	358305	+217 Hz
2023-08-31	Thursday	18:00	132°	+23°	0 dB	0°	132°	+23°	260°	-8°	1.2dB	240°K	358348	+191 Hz
2023-08-31	Thursday	18:30	139°	+27°	0 dB	0°	139°	+27°	267°	-8°	1.2dB	240°K	358392	+162 Hz
2023-08-31	Thursday	19:00	146°	+30°	0 dB	0°	146°	+30°	274°	-7°	1.2dB	240°K	358437	+130 Hz
2023-08-31	Thursday	19:30	154°	+32°	0 dB	0°	154°	+32°	281°	-7°	1.2dB	240°K	358483	+95 Hz
2023-08-31	Thursday	20:00	162°	+34°	0 dB	0°	162°	+34°	289°	-7°	1.2dB	240°K	358529	+58 Hz
2023-08-31	Thursday	20:30	171°	+36°	0 dB	0°	171°	+36°	296°	-7°	1.2dB	239°K	358576	+20 Hz
2023-08-31	Thursday	21:00	180°	+36°	0 dB	0°	180°	+36°	303°	-7°	1.2dB	239°K	358624	-19 Hz
2023-08-31	Thursday	21:30	189°	+36°	0 dB	0°	189°	+36°	310°	-7°	1.2dB	239°K	358673	-58 Hz
2023-08-31	Thursday	22:00	198°	+35°	0 dB	0°	198°	+35°	318°	-7°	1.2dB	239°K	358723	-96 Hz
2023-08-31	Thursday	22:30	206°	+33°	0 dB	0°	206°	+33°	325°	-6°	1.2dB	239°K	358773	-134 Hz
2023-08-31	Thursday	23:00	214°	+31°	0 dB	0°	214°	+31°	332°	-6°	1.2dB	239°K	358825	-169 Hz
2023-08-31	Thursday	23:30	222°	+28°	0 dB	0°	222°	+28°	339°	-6°	1.2dB	239°K	358877	-201 Hz
2023-09-01	Fri day	00:00	229°	+24°	0 dB	0°	229°	+24°	346°	-6°	1.2dB	239°K	358929	-231 Hz
2023-09-01	Fri day	00:30	236°	+20°	0 dB	0°	236°	+20°	354°	-6°	1.2dB	239°K	358983	-257 Hz
2023-09-01	Fri day	01:00	242°	+16°	0 dB	0°	242°	+16°	1°	-6°	1.2dB	239°K	359037	-279 Hz
2023-09-01	Fri day	01:30	248°	+12°	0 dB	0°	248°	+12°	8°	-6°	1.2dB	239°K	359092	-296 Hz
2023-09-01	Fri day	02:00	253°	+7°	0 dB	0°	253°	+7°	15°	-5°	1.2dB	239°K	359148	-309 Hz
2023-09-01	Fri day	02:30	259°	+2°	0 dB	0°	259°	+2°	23°	-5°	1.2dB	239°K	359205	-318 Hz
2023-09-01	Fri day	16:00	095°	+2°	0 dB	0°	095°	+2°	218°	-1°	1.4dB	248°K	361016	+264 Hz
2023-09-01	Fri day	16:30	100°	+7°	0 dB	0°	100°	+7°	226°	-1°	1.4dB	249°K	361093	+259 Hz
2023-09-01	Fri day	17:00	105°	+12°	0 dB	0°	105°	+12°	233°	-1°	1.5dB	250°K	361171	+249 Hz
2023-09-01	Fri day	17:30	111°	+17°	0 dB	0°	111°	+17°	240°	-1°	1.5dB	250°K	361250	+235 Hz
2023-09-01	Fri day	18:00	117°	+22°	0 dB	0°	117°	+22°	247°	-1°	1.5dB	251°K	361329	+216 Hz
2023-09-01	Fri day	18:30	123°	+26°	0 dB	0°	123°	+26°	254°	-1°	1.5dB	252°K	361408	+193 Hz
2023-09-01	Fri day	19:00	130°	+30°	0 dB	0°	130°	+30°	262°	-0°	1.5dB	252°K	361489	+166 Hz
2023-09-01	Fri day	19:30	137°	+34°	0 dB	0°	137°	+34°	269°	-0°	1.5dB	253°K	361570	+135 Hz
2023-09-01	Fri day	20:00	145°	+37°	0 dB	0°	145°	+37°	276°	-0°	1.5dB	254°K	361652	+102 Hz
2023-09-01	Fri day	20:30	154°	+40°	0 dB	0°	154°	+40°	283°	+0°	1.5dB	254°K	361734	+66 Hz
2023-09-01	Fri day	21:00	163°	+42°	0 dB	0°	163°	+42°	291°	+0°	1.6dB	255°K	361817	+28 Hz
2023-09-01	Fri day	21:30	173°	+43°	0 dB	0°	173°	+43°	298°	+0°	1.6dB	255°K	361901	-11 Hz
2023-09-01	Fri day	22:00	183°	+44°	0 dB	0°	183°	+44°	305°	+0°	1.6dB	256°K	361986	-51 Hz
2023-09-01	Fri day	22:30	193°	+43°	0 dB	0°	193°	+43°	312°	+1°	1.6dB	257°K	362071	-90 Hz
2023-09-01	Fri day	23:00	203°	+42°	0 dB	0°	203°	+42°	320°	+1°	1.6dB	257°K	362156	-129 Hz
2023-09-01	Fri day	23:30	212°	+39°	0 dB	0°	212°	+39°	327°	+1°	1.6dB	258°K	362243	-166 Hz
2023-09-02	Saturday	00:00	221°	+37°	0 dB	0°	221°	+37°	334°	+1°	1.6dB	259°K	362330	-200 Hz
2023-09-02	Saturday	00:30	229°	+33°	0 dB	0°	229°	+33°	341°	+1°	1.6dB	259°K	362417	-232 Hz
2023-09-02	Saturday	01:00	236°	+29°	0 dB	0°	236°	+29°	349°	+1°	1.7dB	260°K	362505	-261 Hz
2023-09-02	Saturday	01:30	243°	+25°	0 dB	0°	243°	+25°	356°	+1°	1.7dB	260°K	362594	-286 Hz
2023-09-02	Saturday	02:00	249°	+20°	0 dB	0°	249°	+20°	3°	+2°	1.7dB	261°K	362684	-306 Hz
2023-09-02	Saturday	02:30	255°	+16°	0 dB	0°	255°	+16°	10°	+2°	1.7dB	262°K	362774	-322 Hz
2023-09-02	Saturday	03:00	260°	+11°	0 dB	0°	260°	+11°	18°	+2°	1.7dB	262°K	362864	-334 Hz
2023-09-02	Saturday	03:30	266°	+6°	0 dB	0°	266°	+6°	25°	+2°	1.7dB	263°K	362956	-341 Hz
2023-09-02	Saturday	04:00	271°	+1°	0 dB	0°	271°	+1°	32°	+2°	1.7dB	264°K	363047	-342 Hz
2023-09-02	Saturday	16:30	086°	+3°	0 dB	0°	086°	+3°	213°	+6°	2.0dB	279°K	365527	+248 Hz
2023-09-02	Saturday	17:00	091°	+9°	0 dB	0°	091°	+9°	221°	+6°	2.1dB	280°K	365633	+247 Hz
2023-09-02	Saturday	17:30	097°	+14°	0 dB	0°	097°	+14°	228°	+6°	2.1dB	281°K	365739	+240 Hz
2023-09-02	Saturday	18:00	102°	+19°	0 dB	0°	102°	+19°	235°	+6°	2.1dB	281°K	365846	+229 Hz
2023-09-02	Saturday	18:30	108°	+24°	0 dB	0°	108°	+24°	242°	+6°	2.1dB	282°K	365954	+213 Hz
2023-09-02	Saturday	19:00	114°	+29°	0 dB	0°	114°	+29°	250°	+6°	2.1dB	282°K	366062	+193 Hz
2023-09-02	Saturday	19:30	120°	+33°	0 dB	0°	120°	+33°	257°	+7°	2.1dB	283°K	366170	+168 Hz
2023-09-02	Saturday	20:00	127°	+38°	0 dB	0°	127°	+38°	264°	+7°	2.1dB	284°K	366279	+140 Hz
2023-09-02	Saturday	20:30	135°	+42°	0 dB	0°	135°	+42°	271°	+7°	2.2dB	284°K	366388	+108 Hz
2023-09-02	Saturday	21:00	144°	+45°	0 dB	0°	144°	+45°	279°	+7°	2.2dB	285°K	366498	+74 Hz
2023-09-02	Saturday	21:30	154°	+48°	0 dB	0°	154°	+48°	286°	+7°	2.2dB	286°K	366608	+37 Hz
2023-09-02	Saturday	22:00	165°	+50°	0 dB	0°	165°	+50°	293°	+7°	2.2dB	286°K	366718	-1 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-09-02	Saturday	22: 30	176°	+51°	0 dB	0°	176°	+51°	300°	+7°	2. 2dB	287°K	366830	-40 Hz
2023-09-02	Saturday	23: 00	187°	+51°	0 dB	0°	187°	+51°	308°	+8°	2. 2dB	287°K	366941	-80 Hz
2023-09-02	Saturday	23: 30	199°	+50°	0 dB	0°	199°	+50°	315°	+8°	2. 2dB	288°K	367053	-119 Hz
2023-09-03	Sunday	00: 00	209°	+48°	0 dB	0°	209°	+48°	322°	+8°	2. 3dB	289°K	367165	-156 Hz
2023-09-03	Sunday	00: 30	219°	+45°	0 dB	0°	219°	+45°	329°	+8°	2. 3dB	289°K	367278	-192 Hz
2023-09-03	Sunday	01: 00	228°	+42°	0 dB	0°	228°	+42°	337°	+8°	2. 3dB	290°K	367391	-226 Hz
2023-09-03	Sunday	01: 30	236°	+38°	0 dB	0°	236°	+38°	344°	+8°	2. 3dB	291°K	367505	-256 Hz
2023-09-03	Sunday	02: 00	243°	+33°	0 dB	0°	243°	+33°	351°	+8°	2. 3dB	291°K	367619	-283 Hz
2023-09-03	Sunday	02: 30	250°	+29°	0 dB	0°	250°	+29°	358°	+9°	2. 3dB	292°K	367733	-306 Hz
2023-09-03	Sunday	03: 00	256°	+24°	0 dB	0°	256°	+24°	6°	+9°	2. 3dB	292°K	367848	-325 Hz
2023-09-03	Sunday	03: 30	262°	+19°	0 dB	0°	262°	+19°	13°	+9°	2. 3dB	293°K	367963	-339 Hz
2023-09-03	Sunday	04: 00	267°	+14°	0 dB	0°	267°	+14°	20°	+9°	2. 4dB	294°K	368079	-348 Hz
2023-09-03	Sunday	04: 30	272°	+9°	0 dB	0°	272°	+9°	27°	+9°	2. 4dB	294°K	368195	-353 Hz
2023-09-03	Sunday	05: 00	278°	+4°	0 dB	0°	278°	+4°	35°	+9°	2. 4dB	295°K	368311	-353 Hz
2023-09-03	Sunday	05: 30	283°	-0°	0 dB	0°	283°	-0°	42°	+9°	2. 4dB	295°K	368428	-348 Hz
2023-09-03	Sunday	16: 30	073°	-0°	0 dB	0°	073°	-0°	201°	+12°	2. 6dB	302°K	371080	+226 Hz
2023-09-03	Sunday	17: 00	078°	+5°	0 dB	0°	078°	+5°	209°	+12°	2. 6dB	303°K	371204	+232 Hz
2023-09-03	Sunday	17: 30	083°	+10°	0 dB	0°	083°	+10°	216°	+12°	2. 6dB	303°K	371328	+233 Hz
2023-09-03	Sunday	18: 00	088°	+15°	0 dB	0°	088°	+15°	223°	+13°	2. 6dB	303°K	371452	+230 Hz
2023-09-03	Sunday	18: 30	094°	+20°	0 dB	0°	094°	+20°	230°	+13°	2. 6dB	304°K	371577	+222 Hz
2023-09-03	Sunday	19: 00	099°	+25°	0 dB	0°	099°	+25°	238°	+13°	2. 6dB	304°K	371702	+209 Hz
2023-09-03	Sunday	19: 30	105°	+30°	0 dB	0°	105°	+30°	245°	+13°	2. 7dB	305°K	371827	+192 Hz
2023-09-03	Sunday	20: 00	111°	+35°	0 dB	0°	111°	+35°	252°	+13°	2. 7dB	307°K	371953	+170 Hz
2023-09-03	Sunday	20: 30	117°	+40°	0 dB	0°	117°	+40°	259°	+13°	2. 7dB	308°K	372078	+145 Hz
2023-09-03	Sunday	21: 00	125°	+45°	0 dB	0°	125°	+45°	267°	+13°	2. 7dB	310°K	372204	+116 Hz
2023-09-03	Sunday	21: 30	134°	+49°	0 dB	0°	134°	+49°	274°	+13°	2. 8dB	311°K	372330	+84 Hz
2023-09-03	Sunday	22: 00	143°	+52°	0 dB	0°	143°	+52°	281°	+14°	2. 8dB	313°K	372456	+49 Hz
2023-09-03	Sunday	22: 30	155°	+55°	0 dB	0°	155°	+55°	288°	+14°	2. 8dB	315°K	372583	+13 Hz
2023-09-03	Sunday	23: 00	167°	+57°	0 dB	0°	167°	+57°	296°	+14°	2. 8dB	316°K	372710	-25 Hz
2023-09-03	Sunday	23: 30	180°	+57°	0 dB	0°	180°	+57°	303°	+14°	2. 9dB	318°K	372837	-64 Hz
2023-09-04	Monday	00: 00	193°	+57°	0 dB	0°	193°	+57°	310°	+14°	2. 9dB	319°K	372964	-102 Hz
2023-09-04	Monday	00: 30	206°	+55°	0 dB	0°	206°	+55°	317°	+14°	2. 9dB	321°K	373091	-140 Hz
2023-09-04	Monday	01: 00	217°	+53°	0 dB	0°	217°	+53°	325°	+14°	2. 9dB	323°K	373218	-176 Hz
2023-09-04	Monday	01: 30	227°	+50°	0 dB	0°	227°	+50°	332°	+14°	3. 0dB	324°K	373346	-210 Hz
2023-09-04	Monday	02: 00	236°	+46°	0 dB	0°	236°	+46°	339°	+15°	3. 0dB	326°K	373474	-242 Hz
2023-09-04	Monday	02: 30	244°	+41°	0 dB	0°	244°	+41°	346°	+15°	3. 0dB	327°K	373602	-270 Hz
2023-09-04	Monday	03: 00	251°	+37°	0 dB	0°	251°	+37°	354°	+15°	3. 0dB	329°K	373730	-295 Hz
2023-09-04	Monday	03: 30	257°	+32°	0 dB	0°	257°	+32°	1°	+15°	3. 0dB	330°K	373858	-316 Hz
2023-09-04	Monday	04: 00	263°	+27°	0 dB	0°	263°	+27°	8°	+15°	3. 1dB	332°K	373987	-333 Hz
2023-09-04	Monday	04: 30	268°	+22°	0 dB	0°	268°	+22°	15°	+15°	3. 1dB	334°K	374116	-345 Hz
2023-09-04	Monday	05: 00	274°	+17°	0 dB	0°	274°	+17°	23°	+15°	3. 1dB	335°K	374244	-352 Hz
2023-09-04	Monday	05: 30	279°	+12°	0 dB	0°	279°	+12°	30°	+15°	3. 1dB	337°K	374373	-355 Hz
2023-09-04	Monday	06: 00	284°	+7°	0 dB	0°	284°	+7°	37°	+15°	3. 2dB	338°K	374502	-353 Hz
2023-09-04	Monday	06: 30	289°	+3°	0 dB	0°	289°	+3°	44°	+16°	3. 2dB	340°K	374632	-347 Hz
2023-09-04	Monday	17: 00	066°	+1°	0 dB	0°	066°	+1°	197°	+18°	3. 5dB	360°K	377368	+208 Hz
2023-09-04	Monday	17: 30	071°	+6°	0 dB	0°	071°	+6°	204°	+18°	3. 5dB	361°K	377499	+217 Hz
2023-09-04	Monday	18: 00	076°	+11°	0 dB	0°	076°	+11°	211°	+18°	3. 6dB	362°K	377630	+221 Hz
2023-09-04	Monday	18: 30	081°	+16°	0 dB	0°	081°	+16°	218°	+18°	3. 6dB	363°K	377761	+221 Hz
2023-09-04	Monday	19: 00	086°	+21°	0 dB	0°	086°	+21°	226°	+18°	3. 6dB	364°K	377892	+216 Hz
2023-09-04	Monday	19: 30	091°	+26°	0 dB	0°	091°	+26°	233°	+18°	3. 6dB	364°K	378024	+207 Hz
2023-09-04	Monday	20: 00	096°	+31°	0 dB	0°	096°	+31°	240°	+19°	3. 6dB	365°K	378155	+193 Hz
2023-09-04	Monday	20: 30	102°	+36°	0 dB	0°	102°	+36°	247°	+19°	3. 6dB	366°K	378286	+175 Hz
2023-09-04	Monday	21: 00	108°	+41°	0 dB	0°	108°	+41°	255°	+19°	3. 7dB	367°K	378417	+152 Hz
2023-09-04	Monday	21: 30	115°	+46°	0 dB	0°	115°	+46°	262°	+19°	3. 7dB	368°K	378548	+127 Hz
2023-09-04	Monday	22: 00	123°	+51°	0 dB	0°	123°	+51°	269°	+19°	3. 7dB	368°K	378679	+97 Hz
2023-09-04	Monday	22: 30	132°	+55°	0 dB	0°	132°	+55°	276°	+19°	3. 7dB	369°K	378810	+65 Hz
2023-09-04	Monday	23: 00	143°	+58°	0 dB	0°	143°	+58°	284°	+19°	3. 7dB	368°K	378941	+31 Hz
2023-09-04	Monday	23: 30	155°	+61°	0 dB	0°	155°	+61°	291°	+19°	3. 7dB	368°K	379073	-5 Hz
2023-09-05	Tuesday	00: 00	170°	+63°	0 dB	0°	170°	+63°	298°	+19°	3. 7dB	367°K	379204	-42 Hz
2023-09-05	Tuesday	00: 30	185°	+63°	0 dB	0°	185°	+63°	305°	+19°	3. 7dB	366°K	379335	-79 Hz
2023-09-05	Tuesday	01: 00	200°	+62°	0 dB	0°	200°	+62°	312°	+20°	3. 7dB	365°K	379466	-116 Hz
2023-09-05	Tuesday	01: 30	213°	+60°	0 dB	0°	213°	+60°	320°	+20°	3. 7dB	364°K	379597	-152 Hz
2023-09-05	Tuesday	02: 00	225°	+57°	0 dB	0°	225°	+57°	327°	+20°	3. 7dB	364°K	379728	-186 Hz
2023-09-05	Tuesday	02: 30	235°	+53°	0 dB	0°	235°	+53°	334°	+20°	3. 7dB	363°K	379859	-219 Hz
2023-09-05	Tuesday	03: 00	243°	+49°	0 dB	0°	243°	+49°	341°	+20°	3. 7dB	362°K	379989	-248 Hz
2023-09-05	Tuesday	03: 30	251°	+44°	0 dB	0°	251°	+44°	349°	+20°	3. 7dB	361°K	380120	-275 Hz



Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-05	Tuesday	04:00	257°	+39°	0 dB	0°	257°	+39°	356°	+20°	3.7dB	360°K	380251 -298 Hz
2023-09-05	Tuesday	04:30	263°	+34°	0 dB	0°	263°	+34°	3°	+20°	3.7dB	360°K	380382 -317 Hz
2023-09-05	Tuesday	05:00	269°	+29°	0 dB	0°	269°	+29°	10°	+20°	3.7dB	359°K	380512 -332 Hz
2023-09-05	Tuesday	05:30	274°	+24°	0 dB	0°	274°	+24°	18°	+20°	3.7dB	358°K	380643 -342 Hz
2023-09-05	Tuesday	06:00	279°	+19°	0 dB	0°	279°	+19°	25°	+21°	3.7dB	357°K	380773 -348 Hz
2023-09-05	Tuesday	06:30	284°	+14°	0 dB	0°	284°	+14°	32°	+21°	3.7dB	356°K	380904 -349 Hz
2023-09-05	Tuesday	07:00	289°	+10°	0 dB	0°	289°	+10°	39°	+21°	3.6dB	355°K	381034 -346 Hz
2023-09-05	Tuesday	07:30	294°	+5°	0 dB	0°	294°	+5°	47°	+21°	3.7dB	355°K	381164 -338 Hz
2023-09-05	Tuesday	08:00	299°	+1°	0 dB	0°	299°	+1°	54°	+21°	3.7dB	354°K	381295 -326 Hz
2023-09-05	Tuesday	17:30	059°	+1°	0 dB	0°	059°	+1°	191°	+23°	3.8dB	357°K	383747 +192 Hz
2023-09-05	Tuesday	18:00	064°	+6°	0 dB	0°	064°	+6°	199°	+23°	3.8dB	357°K	383874 +204 Hz
2023-09-05	Tuesday	18:30	069°	+11°	0 dB	0°	069°	+11°	206°	+23°	3.8dB	358°K	384002 +211 Hz
2023-09-05	Tuesday	19:00	074°	+15°	0 dB	0°	074°	+15°	213°	+23°	3.8dB	359°K	384129 +214 Hz
2023-09-05	Tuesday	19:30	079°	+20°	0 dB	0°	079°	+20°	220°	+23°	3.8dB	360°K	384256 +213 Hz
2023-09-05	Tuesday	20:00	083°	+25°	0 dB	0°	083°	+25°	228°	+23°	3.9dB	361°K	384383 +207 Hz
2023-09-05	Tuesday	20:30	088°	+30°	0 dB	0°	088°	+30°	235°	+23°	3.9dB	362°K	384510 +197 Hz
2023-09-05	Tuesday	21:00	093°	+36°	0 dB	0°	093°	+36°	242°	+23°	3.9dB	362°K	384637 +182 Hz
2023-09-05	Tuesday	21:30	099°	+41°	0 dB	0°	099°	+41°	249°	+23°	3.9dB	363°K	384763 +163 Hz
2023-09-05	Tuesday	22:00	105°	+46°	0 dB	0°	105°	+46°	257°	+23°	3.9dB	364°K	384890 +141 Hz
2023-09-05	Tuesday	22:30	112°	+51°	0 dB	0°	112°	+51°	264°	+23°	3.9dB	365°K	385016 +115 Hz
2023-09-05	Tuesday	23:00	120°	+55°	0 dB	0°	120°	+55°	271°	+23°	3.9dB	366°K	385142 +86 Hz
2023-09-05	Tuesday	23:30	130°	+59°	0 dB	0°	130°	+59°	278°	+24°	4.0dB	367°K	385267 +55 Hz
2023-09-06	Wednesday	00:00	142°	+63°	0 dB	0°	142°	+63°	285°	+24°	4.0dB	367°K	385393 +21 Hz
2023-09-06	Wednesday	00:30	156°	+66°	0 dB	0°	156°	+66°	293°	+24°	4.0dB	368°K	385518 -14 Hz
2023-09-06	Wednesday	01:00	173°	+67°	0 dB	0°	173°	+67°	300°	+24°	4.0dB	369°K	385643 -50 Hz
2023-09-06	Wednesday	01:30	190°	+67°	0 dB	0°	190°	+67°	307°	+24°	4.0dB	370°K	385768 -86 Hz
2023-09-06	Wednesday	02:00	206°	+66°	0 dB	0°	206°	+66°	314°	+24°	4.0dB	371°K	385893 -121 Hz
2023-09-06	Wednesday	02:30	221°	+63°	0 dB	0°	221°	+63°	322°	+24°	4.0dB	372°K	386017 -156 Hz
2023-09-06	Wednesday	03:00	232°	+59°	0 dB	0°	232°	+59°	329°	+24°	4.1dB	374°K	386141 -189 Hz
2023-09-06	Wednesday	03:30	242°	+55°	0 dB	0°	242°	+55°	336°	+24°	4.1dB	375°K	386265 -220 Hz
2023-09-06	Wednesday	04:00	250°	+50°	0 dB	0°	250°	+50°	343°	+24°	4.1dB	376°K	386389 -247 Hz
2023-09-06	Wednesday	04:30	257°	+46°	0 dB	0°	257°	+46°	351°	+24°	4.1dB	377°K	386513 -272 Hz
2023-09-06	Wednesday	05:00	263°	+41°	0 dB	0°	263°	+41°	358°	+24°	4.1dB	378°K	386636 -294 Hz
2023-09-06	Wednesday	05:30	269°	+36°	0 dB	0°	269°	+36°	5°	+24°	4.2dB	379°K	386759 -311 Hz
2023-09-06	Wednesday	06:00	274°	+31°	0 dB	0°	274°	+31°	12°	+24°	4.2dB	381°K	386882 -324 Hz
2023-09-06	Wednesday	06:30	279°	+26°	0 dB	0°	279°	+26°	20°	+25°	4.2dB	382°K	387005 -333 Hz
2023-09-06	Wednesday	07:00	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	4.2dB	383°K	387127 -338 Hz
2023-09-06	Wednesday	07:30	288°	+16°	0 dB	0°	288°	+16°	34°	+25°	4.2dB	384°K	387249 -338 Hz
2023-09-06	Wednesday	08:00	293°	+11°	0 dB	0°	293°	+11°	41°	+25°	4.2dB	385°K	387371 -333 Hz
2023-09-06	Wednesday	08:30	298°	+7°	0 dB	0°	298°	+7°	48°	+25°	4.3dB	386°K	387492 -325 Hz
2023-09-06	Wednesday	09:00	303°	+2°	0 dB	0°	303°	+2°	56°	+25°	4.3dB	387°K	387614 -312 Hz
2023-09-06	Wednesday	18:00	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	4.6dB	410°K	389751 +180 Hz
2023-09-06	Wednesday	18:30	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	4.6dB	411°K	389867 +194 Hz
2023-09-06	Wednesday	19:00	063°	+9°	0 dB	0°	063°	+9°	200°	+26°	4.6dB	412°K	389983 +205 Hz
2023-09-06	Wednesday	19:30	068°	+14°	0 dB	0°	068°	+14°	208°	+26°	4.6dB	414°K	390098 +211 Hz
2023-09-06	Wednesday	20:00	072°	+19°	0 dB	0°	072°	+19°	215°	+26°	4.6dB	415°K	390213 +213 Hz
2023-09-06	Wednesday	20:30	077°	+24°	0 dB	0°	077°	+24°	222°	+26°	4.7dB	417°K	390328 +211 Hz
2023-09-06	Wednesday	21:00	082°	+29°	0 dB	0°	082°	+29°	229°	+26°	4.7dB	418°K	390443 +204 Hz
2023-09-06	Wednesday	21:30	087°	+34°	0 dB	0°	087°	+34°	237°	+26°	4.7dB	419°K	390557 +193 Hz
2023-09-06	Wednesday	22:00	092°	+39°	0 dB	0°	092°	+39°	244°	+26°	4.7dB	421°K	390670 +178 Hz
2023-09-06	Wednesday	22:30	097°	+44°	0 dB	0°	097°	+44°	251°	+26°	4.7dB	422°K	390784 +159 Hz
2023-09-06	Wednesday	23:00	103°	+49°	0 dB	0°	103°	+49°	258°	+26°	4.8dB	423°K	390897 +136 Hz
2023-09-06	Wednesday	23:30	110°	+54°	0 dB	0°	110°	+54°	265°	+26°	4.8dB	425°K	391010 +111 Hz
2023-09-07	Thursday	00:00	119°	+59°	0 dB	0°	119°	+59°	273°	+26°	4.8dB	426°K	391122 +82 Hz
2023-09-07	Thursday	00:30	129°	+63°	0 dB	0°	129°	+63°	280°	+27°	4.8dB	427°K	391234 +51 Hz
2023-09-07	Thursday	01:00	142°	+66°	0 dB	0°	142°	+66°	287°	+27°	4.8dB	429°K	391346 +18 Hz
2023-09-07	Thursday	01:30	158°	+69°	0 dB	0°	158°	+69°	294°	+27°	4.8dB	430°K	391458 -17 Hz
2023-09-07	Thursday	02:00	176°	+70°	0 dB	0°	176°	+70°	302°	+27°	4.9dB	431°K	391569 -51 Hz
2023-09-07	Thursday	02:30	195°	+70°	0 dB	0°	195°	+70°	309°	+27°	4.9dB	433°K	391680 -86 Hz
2023-09-07	Thursday	03:00	213°	+68°	0 dB	0°	213°	+68°	316°	+27°	4.9dB	434°K	391790 -121 Hz
2023-09-07	Thursday	03:30	227°	+65°	0 dB	0°	227°	+65°	323°	+27°	4.9dB	436°K	391900 -154 Hz
2023-09-07	Thursday	04:00	238°	+61°	0 dB	0°	238°	+61°	331°	+27°	4.9dB	439°K	392010 -186 Hz
2023-09-07	Thursday	04:30	247°	+56°	0 dB	0°	247°	+56°	338°	+27°	5.0dB	441°K	392119 -215 Hz
2023-09-07	Thursday	05:00	255°	+51°	0 dB	0°	255°	+51°	345°	+27°	5.0dB	444°K	392228 -242 Hz
2023-09-07	Thursday	05:30	261°	+46°	0 dB	0°	261°	+46°	352°	+27°	5.0dB	446°K	392337 -266 Hz
2023-09-07	Thursday	06:00	267°	+41°	0 dB	0°	267°	+41°	359°	+27°	5.0dB	449°K	392445 -286 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-07	Thursday	06:30	272°	+36°	0 dB	0°	272°	+36°	7°	+27°	5.1dB	451°K	392553 -302 Hz
2023-09-07	Thursday	07:00	277°	+31°	0 dB	0°	277°	+31°	14°	+27°	5.1dB	454°K	392661 -314 Hz
2023-09-07	Thursday	07:30	282°	+26°	0 dB	0°	282°	+26°	21°	+27°	5.1dB	456°K	392768 -322 Hz
2023-09-07	Thursday	08:00	287°	+21°	0 dB	0°	287°	+21°	28°	+27°	5.2dB	459°K	392875 -325 Hz
2023-09-07	Thursday	08:30	291°	+17°	0 dB	0°	291°	+17°	36°	+27°	5.2dB	461°K	392982 -324 Hz
2023-09-07	Thursday	09:00	296°	+12°	0 dB	0°	296°	+12°	43°	+27°	5.2dB	464°K	393088 -319 Hz
2023-09-07	Thursday	09:30	301°	+8°	0 dB	0°	301°	+8°	50°	+27°	5.2dB	466°K	393194 -310 Hz
2023-09-07	Thursday	10:00	306°	+3°	0 dB	0°	306°	+3°	57°	+27°	5.3dB	469°K	393299 -297 Hz
2023-09-07	Thursday	19:00	053°	+3°	0 dB	0°	053°	+3°	187°	+28°	5.6dB	500°K	395132 +187 Hz
2023-09-07	Thursday	19:30	058°	+7°	0 dB	0°	058°	+7°	195°	+28°	5.6dB	500°K	395230 +201 Hz
2023-09-07	Thursday	20:00	063°	+12°	0 dB	0°	063°	+12°	202°	+28°	5.6dB	500°K	395327 +210 Hz
2023-09-07	Thursday	20:30	067°	+16°	0 dB	0°	067°	+16°	209°	+28°	5.6dB	500°K	395425 +216 Hz
2023-09-07	Thursday	21:00	072°	+21°	0 dB	0°	072°	+21°	216°	+28°	5.6dB	500°K	395522 +217 Hz
2023-09-07	Thursday	21:30	077°	+26°	0 dB	0°	077°	+26°	224°	+28°	5.6dB	500°K	395618 +214 Hz
2023-09-07	Thursday	22:00	081°	+31°	0 dB	0°	081°	+31°	231°	+28°	5.6dB	500°K	395714 +207 Hz
2023-09-07	Thursday	22:30	086°	+36°	0 dB	0°	086°	+36°	238°	+28°	5.6dB	500°K	395810 +195 Hz
2023-09-07	Thursday	23:00	091°	+41°	0 dB	0°	091°	+41°	245°	+28°	5.6dB	500°K	395905 +180 Hz
2023-09-07	Thursday	23:30	097°	+46°	0 dB	0°	097°	+46°	252°	+28°	5.6dB	500°K	396000 +161 Hz
2023-09-08	Fri day	00:00	103°	+51°	0 dB	0°	103°	+51°	260°	+28°	5.6dB	500°K	396094 +138 Hz
2023-09-08	Fri day	00:30	110°	+56°	0 dB	0°	110°	+56°	267°	+28°	5.6dB	500°K	396188 +112 Hz
2023-09-08	Fri day	01:00	118°	+61°	0 dB	0°	118°	+61°	274°	+28°	5.6dB	500°K	396282 +83 Hz
2023-09-08	Fri day	01:30	129°	+65°	0 dB	0°	129°	+65°	281°	+28°	5.6dB	500°K	396375 +52 Hz
2023-09-08	Fri day	02:00	143°	+68°	0 dB	0°	143°	+68°	289°	+28°	5.6dB	500°K	396468 +19 Hz
2023-09-08	Fri day	02:30	160°	+71°	0 dB	0°	160°	+71°	296°	+28°	5.6dB	500°K	396560 -15 Hz
2023-09-08	Fri day	03:00	180°	+72°	0 dB	0°	180°	+72°	303°	+28°	5.6dB	500°K	396652 -49 Hz
2023-09-08	Fri day	03:30	200°	+71°	0 dB	0°	200°	+71°	310°	+28°	5.7dB	500°K	396744 -84 Hz
2023-09-08	Fri day	04:00	218°	+68°	0 dB	0°	218°	+68°	318°	+28°	5.7dB	500°K	396835 -118 Hz
2023-09-08	Fri day	04:30	231°	+65°	0 dB	0°	231°	+65°	325°	+28°	5.7dB	500°K	396925 -150 Hz
2023-09-08	Fri day	05:00	242°	+61°	0 dB	0°	242°	+61°	332°	+28°	5.7dB	500°K	397016 -181 Hz
2023-09-08	Fri day	05:30	251°	+56°	0 dB	0°	251°	+56°	339°	+28°	5.6dB	496°K	397106 -210 Hz
2023-09-08	Fri day	06:00	258°	+51°	0 dB	0°	258°	+51°	346°	+28°	5.6dB	493°K	397195 -235 Hz
2023-09-08	Fri day	06:30	264°	+46°	0 dB	0°	264°	+46°	354°	+28°	5.6dB	490°K	397284 -258 Hz
2023-09-08	Fri day	07:00	269°	+41°	0 dB	0°	269°	+41°	1°	+28°	5.6dB	486°K	397373 -277 Hz
2023-09-08	Fri day	07:30	274°	+36°	0 dB	0°	274°	+36°	8°	+28°	5.5dB	483°K	397461 -292 Hz
2023-09-08	Fri day	08:00	279°	+31°	0 dB	0°	279°	+31°	15°	+28°	5.5dB	480°K	397548 -304 Hz
2023-09-08	Fri day	08:30	284°	+26°	0 dB	0°	284°	+26°	23°	+28°	5.5dB	476°K	397636 -311 Hz
2023-09-08	Fri day	09:00	288°	+21°	0 dB	0°	288°	+21°	30°	+28°	5.5dB	473°K	397723 -313 Hz
2023-09-08	Fri day	09:30	293°	+16°	0 dB	0°	293°	+16°	37°	+28°	5.5dB	470°K	397809 -312 Hz
2023-09-08	Fri day	10:00	298°	+12°	0 dB	0°	298°	+12°	44°	+28°	5.4dB	466°K	397895 -306 Hz
2023-09-08	Fri day	10:30	302°	+7°	0 dB	0°	302°	+7°	52°	+28°	5.4dB	463°K	397981 -296 Hz
2023-09-08	Fri day	11:00	307°	+3°	0 dB	0°	307°	+3°	59°	+28°	5.4dB	460°K	398066 -283 Hz
2023-09-08	Fri day	19:30	049°	+0°	0 dB	0°	049°	+0°	182°	+28°	5.0dB	408°K	399446 +184 Hz
2023-09-08	Fri day	20:00	054°	+4°	0 dB	0°	054°	+4°	189°	+28°	5.0dB	406°K	399523 +200 Hz
2023-09-08	Fri day	20:30	059°	+8°	0 dB	0°	059°	+8°	196°	+28°	5.0dB	404°K	399600 +213 Hz
2023-09-08	Fri day	21:00	064°	+13°	0 dB	0°	064°	+13°	203°	+28°	5.0dB	403°K	399676 +222 Hz
2023-09-08	Fri day	21:30	068°	+17°	0 dB	0°	068°	+17°	211°	+28°	4.9dB	401°K	399752 +226 Hz
2023-09-08	Fri day	22:00	073°	+22°	0 dB	0°	073°	+22°	218°	+28°	4.9dB	400°K	399828 +227 Hz
2023-09-08	Fri day	22:30	077°	+27°	0 dB	0°	077°	+27°	225°	+28°	4.9dB	398°K	399903 +223 Hz
2023-09-08	Fri day	23:00	082°	+32°	0 dB	0°	082°	+32°	232°	+28°	4.9dB	396°K	399977 +215 Hz
2023-09-08	Fri day	23:30	087°	+37°	0 dB	0°	087°	+37°	240°	+28°	4.9dB	395°K	400051 +203 Hz
2023-09-09	Saturday	00:00	092°	+42°	0 dB	0°	092°	+42°	247°	+28°	4.9dB	393°K	400125 +186 Hz
2023-09-09	Saturday	00:30	098°	+47°	0 dB	0°	098°	+47°	254°	+28°	4.9dB	391°K	400198 +166 Hz
2023-09-09	Saturday	01:00	104°	+52°	0 dB	0°	104°	+52°	261°	+28°	4.9dB	390°K	400271 +143 Hz
2023-09-09	Saturday	01:30	112°	+57°	0 dB	0°	112°	+57°	269°	+28°	4.8dB	388°K	400343 +116 Hz
2023-09-09	Saturday	02:00	121°	+62°	0 dB	0°	121°	+62°	276°	+28°	4.8dB	386°K	400415 +87 Hz
2023-09-09	Saturday	02:30	132°	+66°	0 dB	0°	132°	+66°	283°	+28°	4.8dB	385°K	400487 +56 Hz
2023-09-09	Saturday	03:00	147°	+69°	0 dB	0°	147°	+69°	290°	+28°	4.8dB	383°K	400558 +23 Hz
2023-09-09	Saturday	03:30	165°	+71°	0 dB	0°	165°	+71°	298°	+28°	4.8dB	381°K	400628 -11 Hz
2023-09-09	Saturday	04:00	185°	+72°	0 dB	0°	185°	+72°	305°	+28°	4.8dB	380°K	400698 -46 Hz
2023-09-09	Saturday	04:30	205°	+70°	0 dB	0°	205°	+70°	312°	+28°	4.8dB	378°K	400768 -81 Hz
2023-09-09	Saturday	05:00	221°	+67°	0 dB	0°	221°	+67°	319°	+28°	4.7dB	376°K	400837 -114 Hz
2023-09-09	Saturday	05:30	234°	+64°	0 dB	0°	234°	+64°	326°	+28°	4.7dB	375°K	400906 -147 Hz
2023-09-09	Saturday	06:00	244°	+59°	0 dB	0°	244°	+59°	334°	+28°	4.7dB	373°K	400974 -177 Hz
2023-09-09	Saturday	06:30	252°	+55°	0 dB	0°	252°	+55°	341°	+28°	4.7dB	371°K	401042 -205 Hz
2023-09-09	Saturday	07:00	259°	+50°	0 dB	0°	259°	+50°	348°	+28°	4.7dB	370°K	401109 -231 Hz
2023-09-09	Saturday	07:30	265°	+45°	0 dB	0°	265°	+45°	355°	+28°	4.7dB	368°K	401176 -253 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-09-09	Saturday	08:00	270°	+40°	0 dB	0°	270°	+40°	3°	+28°	4.7dB	365°K	401243	-271 Hz
2023-09-09	Saturday	08:30	275°	+34°	0 dB	0°	275°	+34°	10°	+28°	4.6dB	363°K	401309	-286 Hz
2023-09-09	Saturday	09:00	280°	+29°	0 dB	0°	280°	+29°	17°	+28°	4.6dB	360°K	401374	-296 Hz
2023-09-09	Saturday	09:30	285°	+24°	0 dB	0°	285°	+24°	24°	+28°	4.6dB	358°K	401439	-302 Hz
2023-09-09	Saturday	10:00	289°	+20°	0 dB	0°	289°	+20°	32°	+28°	4.6dB	355°K	401504	-304 Hz
2023-09-09	Saturday	10:30	294°	+15°	0 dB	0°	294°	+15°	39°	+28°	4.5dB	353°K	401568	-302 Hz
2023-09-09	Saturday	11:00	298°	+10°	0 dB	0°	298°	+10°	46°	+28°	4.5dB	350°K	401632	-295 Hz
2023-09-09	Saturday	11:30	303°	+6°	0 dB	0°	303°	+6°	53°	+28°	4.5dB	348°K	401695	-284 Hz
2023-09-09	Saturday	12:00	308°	+2°	0 dB	0°	308°	+2°	61°	+28°	4.5dB	346°K	401758	-270 Hz
2023-09-09	Saturday	20:30	051°	+0°	0 dB	0°	051°	+0°	184°	+27°	4.0dB	304°K	402758	+201 Hz
2023-09-09	Saturday	21:00	056°	+4°	0 dB	0°	056°	+4°	191°	+27°	4.0dB	302°K	402813	+217 Hz
2023-09-09	Saturday	21:30	061°	+9°	0 dB	0°	061°	+9°	198°	+27°	4.0dB	299°K	402867	+229 Hz
2023-09-09	Saturday	22:00	066°	+13°	0 dB	0°	066°	+13°	205°	+27°	4.0dB	296°K	402921	+237 Hz
2023-09-09	Saturday	22:30	070°	+18°	0 dB	0°	070°	+18°	213°	+27°	3.9dB	293°K	402974	+241 Hz
2023-09-09	Saturday	23:00	075°	+23°	0 dB	0°	075°	+23°	220°	+27°	3.9dB	290°K	403027	+240 Hz
2023-09-09	Saturday	23:30	080°	+28°	0 dB	0°	080°	+28°	227°	+27°	3.8dB	287°K	403080	+235 Hz
2023-09-10	Sunday	00:00	085°	+33°	0 dB	0°	085°	+33°	234°	+27°	3.8dB	284°K	403132	+226 Hz
2023-09-10	Sunday	00:30	090°	+38°	0 dB	0°	090°	+38°	242°	+27°	3.8dB	281°K	403184	+213 Hz
2023-09-10	Sunday	01:00	095°	+43°	0 dB	0°	095°	+43°	249°	+27°	3.8dB	279°K	403235	+195 Hz
2023-09-10	Sunday	01:30	101°	+48°	0 dB	0°	101°	+48°	256°	+27°	3.7dB	276°K	403286	+174 Hz
2023-09-10	Sunday	02:00	108°	+53°	0 dB	0°	108°	+53°	263°	+27°	3.7dB	273°K	403336	+149 Hz
2023-09-10	Sunday	02:30	116°	+57°	0 dB	0°	116°	+57°	271°	+27°	3.6dB	270°K	403386	+122 Hz
2023-09-10	Sunday	03:00	126°	+62°	0 dB	0°	126°	+62°	278°	+27°	3.6dB	267°K	403435	+91 Hz
2023-09-10	Sunday	03:30	138°	+65°	0 dB	0°	138°	+65°	285°	+26°	3.6dB	264°K	403484	+59 Hz
2023-09-10	Sunday	04:00	153°	+68°	0 dB	0°	153°	+68°	292°	+26°	3.5dB	261°K	403533	+25 Hz
2023-09-10	Sunday	04:30	171°	+70°	0 dB	0°	171°	+70°	300°	+26°	3.5dB	259°K	403581	-10 Hz
2023-09-10	Sunday	05:00	190°	+70°	0 dB	0°	190°	+70°	307°	+26°	3.5dB	256°K	403628	-45 Hz
2023-09-10	Sunday	05:30	208°	+68°	0 dB	0°	208°	+68°	314°	+26°	3.4dB	253°K	403675	-80 Hz
2023-09-10	Sunday	06:00	223°	+65°	0 dB	0°	223°	+65°	321°	+26°	3.4dB	250°K	403722	-114 Hz
2023-09-10	Sunday	06:30	235°	+61°	0 dB	0°	235°	+61°	329°	+26°	3.3dB	247°K	403768	-147 Hz
2023-09-10	Sunday	07:00	244°	+57°	0 dB	0°	244°	+57°	336°	+26°	3.3dB	244°K	403814	-177 Hz
2023-09-10	Sunday	07:30	252°	+52°	0 dB	0°	252°	+52°	343°	+26°	3.3dB	242°K	403860	-205 Hz
2023-09-10	Sunday	08:00	259°	+47°	0 dB	0°	259°	+47°	350°	+26°	3.2dB	239°K	403905	-230 Hz
2023-09-10	Sunday	08:30	265°	+42°	0 dB	0°	265°	+42°	358°	+26°	3.2dB	236°K	403949	-251 Hz
2023-09-10	Sunday	09:00	270°	+37°	0 dB	0°	270°	+37°	5°	+26°	3.2dB	233°K	403993	-269 Hz
2023-09-10	Sunday	09:30	275°	+32°	0 dB	0°	275°	+32°	12°	+26°	3.1dB	230°K	404037	-283 Hz
2023-09-10	Sunday	10:00	280°	+27°	0 dB	0°	280°	+27°	19°	+26°	3.1dB	227°K	404080	-292 Hz
2023-09-10	Sunday	10:30	284°	+22°	0 dB	0°	284°	+22°	27°	+26°	3.0dB	225°K	404123	-297 Hz
2023-09-10	Sunday	11:00	289°	+17°	0 dB	0°	289°	+17°	34°	+26°	3.0dB	224°K	404165	-298 Hz
2023-09-10	Sunday	11:30	294°	+12°	0 dB	0°	294°	+12°	41°	+26°	3.0dB	223°K	404207	-294 Hz
2023-09-10	Sunday	12:00	299°	+8°	0 dB	0°	299°	+8°	48°	+26°	3.0dB	223°K	404249	-286 Hz
2023-09-10	Sunday	12:30	303°	+3°	0 dB	0°	303°	+3°	56°	+26°	3.0dB	222°K	404290	-274 Hz
2023-09-10	Sunday	21:30	054°	-0°	0 dB	0°	054°	-0°	186°	+25°	2.8dB	205°K	404954	+223 Hz
2023-09-10	Sunday	22:00	059°	+4°	0 dB	0°	059°	+4°	193°	+25°	2.7dB	204°K	404986	+238 Hz
2023-09-10	Sunday	22:30	064°	+9°	0 dB	0°	064°	+9°	201°	+24°	2.7dB	203°K	405019	+249 Hz
2023-09-10	Sunday	23:00	069°	+13°	0 dB	0°	069°	+13°	208°	+24°	2.7dB	202°K	405051	+255 Hz
2023-09-10	Sunday	23:30	074°	+18°	0 dB	0°	074°	+18°	215°	+24°	2.7dB	201°K	405082	+258 Hz
2023-09-11	Monday	00:00	079°	+23°	0 dB	0°	079°	+23°	222°	+24°	2.7dB	200°K	405114	+256 Hz
2023-09-11	Monday	00:30	084°	+28°	0 dB	0°	084°	+28°	230°	+24°	2.7dB	199°K	405144	+249 Hz
2023-09-11	Monday	01:00	089°	+33°	0 dB	0°	089°	+33°	237°	+24°	2.7dB	199°K	405174	+238 Hz
2023-09-11	Monday	01:30	094°	+38°	0 dB	0°	094°	+38°	244°	+24°	2.7dB	198°K	405204	+223 Hz
2023-09-11	Monday	02:00	100°	+43°	0 dB	0°	100°	+43°	252°	+24°	2.6dB	197°K	405234	+204 Hz
2023-09-11	Monday	02:30	106°	+48°	0 dB	0°	106°	+48°	259°	+24°	2.6dB	196°K	405263	+181 Hz
2023-09-11	Monday	03:00	114°	+52°	0 dB	0°	114°	+52°	266°	+24°	2.6dB	195°K	405291	+154 Hz
2023-09-11	Monday	03:30	123°	+57°	0 dB	0°	123°	+57°	273°	+24°	2.6dB	194°K	405320	+125 Hz
2023-09-11	Monday	04:00	133°	+61°	0 dB	0°	133°	+61°	281°	+24°	2.6dB	193°K	405347	+93 Hz
2023-09-11	Monday	04:30	146°	+64°	0 dB	0°	146°	+64°	288°	+24°	2.6dB	192°K	405375	+59 Hz
2023-09-11	Monday	05:00	161°	+66°	0 dB	0°	161°	+66°	295°	+24°	2.5dB	191°K	405402	+24 Hz
2023-09-11	Monday	05:30	178°	+67°	0 dB	0°	178°	+67°	302°	+24°	2.5dB	190°K	405428	-12 Hz
2023-09-11	Monday	06:00	196°	+67°	0 dB	0°	196°	+67°	310°	+24°	2.5dB	189°K	405454	-48 Hz
2023-09-11	Monday	06:30	211°	+64°	0 dB	0°	211°	+64°	317°	+23°	2.5dB	189°K	405480	-84 Hz
2023-09-11	Monday	07:00	224°	+61°	0 dB	0°	224°	+61°	324°	+23°	2.5dB	188°K	405505	-118 Hz
2023-09-11	Monday	07:30	235°	+57°	0 dB	0°	235°	+57°	331°	+23°	2.5dB	187°K	405530	-151 Hz
2023-09-11	Monday	08:00	244°	+53°	0 dB	0°	244°	+53°	339°	+23°	2.5dB	186°K	405555	-182 Hz
2023-09-11	Monday	08:30	251°	+48°	0 dB	0°	251°	+48°	346°	+23°	2.4dB	185°K	405579	-209 Hz
2023-09-11	Monday	09:00	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	2.4dB	184°K	405602	-233 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-11	Monday	09:30	264°	+38°	0 dB	0°	264°	+38°	0°	+23°	2.4dB	183°K	405626 -254 Hz
2023-09-11	Monday	10:00	269°	+33°	0 dB	0°	269°	+33°	8°	+23°	2.4dB	182°K	405648 -271 Hz
2023-09-11	Monday	10:30	274°	+28°	0 dB	0°	274°	+28°	15°	+23°	2.4dB	181°K	405671 -283 Hz
2023-09-11	Monday	11:00	279°	+23°	0 dB	0°	279°	+23°	22°	+23°	2.4dB	181°K	405693 -291 Hz
2023-09-11	Monday	11:30	284°	+18°	0 dB	0°	284°	+18°	30°	+23°	2.4dB	180°K	405714 -294 Hz
2023-09-11	Monday	12:00	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	2.3dB	179°K	405736 -293 Hz
2023-09-11	Monday	12:30	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	2.3dB	178°K	405756 -288 Hz
2023-09-11	Monday	13:00	298°	+3°	0 dB	0°	298°	+3°	51°	+23°	2.3dB	177°K	405777 -278 Hz
2023-09-11	Monday	23:00	064°	+3°	0 dB	0°	064°	+3°	197°	+21°	2.3dB	178°K	406102 +260 Hz
2023-09-11	Monday	23:30	069°	+8°	0 dB	0°	069°	+8°	204°	+21°	2.3dB	178°K	406114 +269 Hz
2023-09-12	Tuesday	00:00	074°	+13°	0 dB	0°	074°	+13°	211°	+21°	2.4dB	179°K	406126 +274 Hz
2023-09-12	Tuesday	00:30	079°	+18°	0 dB	0°	079°	+18°	218°	+21°	2.4dB	179°K	406137 +274 Hz
2023-09-12	Tuesday	01:00	084°	+23°	0 dB	0°	084°	+23°	226°	+21°	2.4dB	179°K	406148 +270 Hz
2023-09-12	Tuesday	01:30	089°	+28°	0 dB	0°	089°	+28°	233°	+21°	2.4dB	180°K	406159 +261 Hz
2023-09-12	Tuesday	02:00	095°	+33°	0 dB	0°	095°	+33°	240°	+20°	2.4dB	180°K	406169 +248 Hz
2023-09-12	Tuesday	02:30	100°	+38°	0 dB	0°	100°	+38°	248°	+20°	2.4dB	180°K	406179 +231 Hz
2023-09-12	Tuesday	03:00	107°	+43°	0 dB	0°	107°	+43°	255°	+20°	2.4dB	180°K	406189 +209 Hz
2023-09-12	Tuesday	03:30	114°	+47°	0 dB	0°	114°	+47°	262°	+20°	2.4dB	181°K	406198 +183 Hz
2023-09-12	Tuesday	04:00	122°	+52°	0 dB	0°	122°	+52°	269°	+20°	2.4dB	181°K	406207 +155 Hz
2023-09-12	Tuesday	04:30	131°	+56°	0 dB	0°	131°	+56°	277°	+20°	2.4dB	181°K	406215 +123 Hz
2023-09-12	Tuesday	05:00	143°	+59°	0 dB	0°	143°	+59°	284°	+20°	2.4dB	182°K	406223 +89 Hz
2023-09-12	Tuesday	05:30	156°	+62°	0 dB	0°	156°	+62°	291°	+20°	2.4dB	182°K	406231 +54 Hz
2023-09-12	Tuesday	06:00	170°	+63°	0 dB	0°	170°	+63°	299°	+20°	2.4dB	182°K	406238 +17 Hz
2023-09-12	Tuesday	06:30	186°	+63°	0 dB	0°	186°	+63°	306°	+20°	2.4dB	182°K	406245 -20 Hz
2023-09-12	Tuesday	07:00	201°	+62°	0 dB	0°	201°	+62°	313°	+20°	2.4dB	182°K	406252 -57 Hz
2023-09-12	Tuesday	07:30	214°	+59°	0 dB	0°	214°	+59°	320°	+20°	2.4dB	183°K	406258 -94 Hz
2023-09-12	Tuesday	08:00	226°	+56°	0 dB	0°	226°	+56°	328°	+19°	2.4dB	183°K	406264 -128 Hz
2023-09-12	Tuesday	08:30	235°	+52°	0 dB	0°	235°	+52°	335°	+19°	2.4dB	183°K	406269 -161 Hz
2023-09-12	Tuesday	09:00	244°	+48°	0 dB	0°	244°	+48°	342°	+19°	2.4dB	183°K	406274 -191 Hz
2023-09-12	Tuesday	09:30	251°	+43°	0 dB	0°	251°	+43°	349°	+19°	2.4dB	183°K	406279 -218 Hz
2023-09-12	Tuesday	10:00	257°	+38°	0 dB	0°	257°	+38°	357°	+19°	2.4dB	183°K	406283 -241 Hz
2023-09-12	Tuesday	10:30	263°	+33°	0 dB	0°	263°	+33°	4°	+19°	2.4dB	183°K	406287 -260 Hz
2023-09-12	Tuesday	11:00	268°	+28°	0 dB	0°	268°	+28°	11°	+19°	2.5dB	184°K	406291 -275 Hz
2023-09-12	Tuesday	11:30	273°	+23°	0 dB	0°	273°	+23°	19°	+19°	2.5dB	184°K	406294 -285 Hz
2023-09-12	Tuesday	12:00	278°	+17°	0 dB	0°	278°	+17°	26°	+19°	2.5dB	184°K	406297 -291 Hz
2023-09-12	Tuesday	12:30	283°	+12°	0 dB	0°	283°	+12°	33°	+19°	2.5dB	184°K	406300 -293 Hz
2023-09-12	Tuesday	13:00	288°	+7°	0 dB	0°	288°	+7°	40°	+19°	2.5dB	184°K	406302 -289 Hz
2023-09-12	Tuesday	13:30	293°	+3°	0 dB	0°	293°	+3°	48°	+18°	2.5dB	184°K	406304 -281 Hz
2023-09-13	Wednesday	00:00	070°	+3°	0 dB	0°	070°	+3°	201°	+17°	2.5dB	188°K	406262 +281 Hz
2023-09-13	Wednesday	00:30	075°	+7°	0 dB	0°	075°	+7°	208°	+16°	2.5dB	188°K	406256 +288 Hz
2023-09-13	Wednesday	01:00	080°	+12°	0 dB	0°	080°	+12°	215°	+16°	2.5dB	188°K	406250 +291 Hz
2023-09-13	Wednesday	01:30	085°	+17°	0 dB	0°	085°	+17°	222°	+16°	2.5dB	189°K	406244 +289 Hz
2023-09-13	Wednesday	02:00	090°	+22°	0 dB	0°	090°	+22°	230°	+16°	2.5dB	189°K	406237 +282 Hz
2023-09-13	Wednesday	02:30	096°	+27°	0 dB	0°	096°	+27°	237°	+16°	2.5dB	189°K	406230 +270 Hz
2023-09-13	Wednesday	03:00	102°	+32°	0 dB	0°	102°	+32°	244°	+16°	2.6dB	190°K	406223 +254 Hz
2023-09-13	Wednesday	03:30	108°	+37°	0 dB	0°	108°	+37°	252°	+16°	2.6dB	190°K	406215 +233 Hz
2023-09-13	Wednesday	04:00	115°	+42°	0 dB	0°	115°	+42°	259°	+16°	2.6dB	190°K	406207 +209 Hz
2023-09-13	Wednesday	04:30	122°	+46°	0 dB	0°	122°	+46°	266°	+16°	2.6dB	190°K	406199 +181 Hz
2023-09-13	Wednesday	05:00	131°	+50°	0 dB	0°	131°	+50°	273°	+16°	2.6dB	191°K	406190 +150 Hz
2023-09-13	Wednesday	05:30	141°	+54°	0 dB	0°	141°	+54°	281°	+15°	2.6dB	191°K	406181 +116 Hz
2023-09-13	Wednesday	06:00	153°	+56°	0 dB	0°	153°	+56°	288°	+15°	2.6dB	191°K	406172 +80 Hz
2023-09-13	Wednesday	06:30	166°	+58°	0 dB	0°	166°	+58°	295°	+15°	2.6dB	191°K	406162 +42 Hz
2023-09-13	Wednesday	07:00	179°	+59°	0 dB	0°	179°	+59°	303°	+15°	2.6dB	192°K	406152 +4 Hz
2023-09-13	Wednesday	07:30	193°	+58°	0 dB	0°	193°	+58°	310°	+15°	2.6dB	192°K	406142 -34 Hz
2023-09-13	Wednesday	08:00	206°	+56°	0 dB	0°	206°	+56°	317°	+15°	2.6dB	192°K	406131 -72 Hz
2023-09-13	Wednesday	08:30	217°	+53°	0 dB	0°	217°	+53°	324°	+15°	2.6dB	192°K	406121 -108 Hz
2023-09-13	Wednesday	09:00	227°	+50°	0 dB	0°	227°	+50°	332°	+15°	2.6dB	193°K	406109 -142 Hz
2023-09-13	Wednesday	09:30	236°	+46°	0 dB	0°	236°	+46°	339°	+15°	2.6dB	193°K	406098 -174 Hz
2023-09-13	Wednesday	10:00	243°	+41°	0 dB	0°	243°	+41°	346°	+15°	2.6dB	193°K	406086 -203 Hz
2023-09-13	Wednesday	10:30	250°	+37°	0 dB	0°	250°	+37°	354°	+14°	2.6dB	194°K	406074 -229 Hz
2023-09-13	Wednesday	11:00	256°	+32°	0 dB	0°	256°	+32°	1°	+14°	2.6dB	194°K	406061 -250 Hz
2023-09-13	Wednesday	11:30	262°	+27°	0 dB	0°	262°	+27°	8°	+14°	2.6dB	194°K	406048 -267 Hz
2023-09-13	Wednesday	12:00	267°	+21°	0 dB	0°	267°	+21°	15°	+14°	2.6dB	194°K	406035 -280 Hz
2023-09-13	Wednesday	12:30	273°	+16°	0 dB	0°	273°	+16°	23°	+14°	2.6dB	195°K	406022 -288 Hz
2023-09-13	Wednesday	13:00	278°	+11°	0 dB	0°	278°	+11°	30°	+14°	2.6dB	195°K	406008 -291 Hz
2023-09-13	Wednesday	13:30	283°	+6°	0 dB	0°	283°	+6°	37°	+14°	2.6dB	195°K	405994 -290 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-13	Wednesday	14:00	288°	+1°	0 dB	0°	288°	+1°	45°	+14°	2.6dB	195°K	405980 -283 Hz
2023-09-14	Thursday	01:00	076°	+2°	0 dB	0°	076°	+2°	205°	+11°	2.7dB	201°K	405588 +299 Hz
2023-09-14	Thursday	01:30	082°	+7°	0 dB	0°	082°	+7°	212°	+11°	2.7dB	202°K	405567 +304 Hz
2023-09-14	Thursday	02:00	087°	+12°	0 dB	0°	087°	+12°	220°	+11°	2.7dB	202°K	405546 +303 Hz
2023-09-14	Thursday	02:30	092°	+17°	0 dB	0°	092°	+17°	227°	+11°	2.7dB	202°K	405524 +298 Hz
2023-09-14	Thursday	03:00	098°	+22°	0 dB	0°	098°	+22°	234°	+11°	2.7dB	202°K	405502 +288 Hz
2023-09-14	Thursday	03:30	104°	+27°	0 dB	0°	104°	+27°	242°	+11°	2.7dB	SUN!	405480 +273 Hz
2023-09-14	Thursday	04:00	110°	+31°	0 dB	0°	110°	+31°	249°	+11°	2.7dB	SUN!	405457 +254 Hz
2023-09-14	Thursday	04:30	116°	+36°	0 dB	0°	116°	+36°	256°	+11°	2.7dB	SUN!	405434 +230 Hz
2023-09-14	Thursday	05:00	124°	+40°	0 dB	0°	124°	+40°	263°	+10°	2.7dB	SUN!	405411 +203 Hz
2023-09-14	Thursday	05:30	132°	+44°	0 dB	0°	132°	+44°	271°	+10°	2.8dB	SUN!	405388 +172 Hz
2023-09-14	Thursday	06:00	141°	+48°	0 dB	0°	141°	+48°	278°	+10°	2.8dB	SUN!	405364 +138 Hz
2023-09-14	Thursday	06:30	152°	+51°	0 dB	0°	152°	+51°	285°	+10°	2.8dB	SUN!	405340 +102 Hz
2023-09-14	Thursday	07:00	163°	+52°	0 dB	0°	163°	+52°	293°	+10°	2.8dB	SUN!	405316 +65 Hz
2023-09-14	Thursday	07:30	175°	+53°	0 dB	0°	175°	+53°	300°	+10°	2.8dB	SUN!	405291 +26 Hz
2023-09-14	Thursday	08:00	187°	+53°	0 dB	0°	187°	+53°	307°	+10°	2.8dB	SUN!	405266 -13 Hz
2023-09-14	Thursday	08:30	199°	+52°	0 dB	0°	199°	+52°	314°	+10°	2.8dB	SUN!	405241 -52 Hz
2023-09-14	Thursday	09:00	210°	+50°	0 dB	0°	210°	+50°	322°	+10°	2.8dB	SUN!	405216 -90 Hz
2023-09-14	Thursday	09:30	220°	+47°	0 dB	0°	220°	+47°	329°	+9°	2.8dB	SUN!	405190 -126 Hz
2023-09-14	Thursday	10:00	229°	+43°	0 dB	0°	229°	+43°	336°	+9°	2.8dB	SUN!	405164 -159 Hz
2023-09-14	Thursday	10:30	236°	+39°	0 dB	0°	236°	+39°	344°	+9°	2.8dB	SUN!	405138 -190 Hz
2023-09-14	Thursday	11:00	244°	+34°	0 dB	0°	244°	+34°	351°	+9°	2.8dB	SUN!	405112 -217 Hz
2023-09-14	Thursday	11:30	250°	+29°	0 dB	0°	250°	+29°	358°	+9°	2.8dB	SUN!	405085 -240 Hz
2023-09-14	Thursday	12:00	256°	+25°	0 dB	0°	256°	+25°	6°	+9°	2.8dB	SUN!	405058 -259 Hz
2023-09-14	Thursday	12:30	262°	+19°	0 dB	0°	262°	+19°	13°	+9°	2.8dB	SUN!	405031 -274 Hz
2023-09-14	Thursday	13:00	267°	+14°	0 dB	0°	267°	+14°	20°	+9°	2.8dB	SUN!	405003 -284 Hz
2023-09-14	Thursday	13:30	272°	+9°	0 dB	0°	272°	+9°	27°	+9°	2.8dB	SUN!	404975 -289 Hz
2023-09-14	Thursday	14:00	277°	+4°	0 dB	0°	277°	+4°	35°	+8°	2.8dB	SUN!	404947 -289 Hz
2023-09-15	Friday	02:00	084°	+1°	0 dB	0°	084°	+1°	210°	+6°	3.0dB	SUN!	404196 +313 Hz
2023-09-15	Friday	02:30	089°	+6°	0 dB	0°	089°	+6°	217°	+6°	3.0dB	SUN!	404161 +314 Hz
2023-09-15	Friday	03:00	094°	+11°	0 dB	0°	094°	+11°	224°	+5°	3.0dB	SUN!	404127 +310 Hz
2023-09-15	Friday	03:30	100°	+16°	0 dB	0°	100°	+16°	232°	+5°	3.1dB	SUN!	404092 +302 Hz
2023-09-15	Friday	04:00	106°	+21°	0 dB	0°	106°	+21°	239°	+5°	3.1dB	SUN!	404056 +288 Hz
2023-09-15	Friday	04:30	112°	+26°	0 dB	0°	112°	+26°	246°	+5°	3.1dB	SUN!	404021 +270 Hz
2023-09-15	Friday	05:00	118°	+30°	0 dB	0°	118°	+30°	254°	+5°	3.1dB	SUN!	403985 +247 Hz
2023-09-15	Friday	05:30	125°	+34°	0 dB	0°	125°	+34°	261°	+5°	3.1dB	SUN!	403949 +221 Hz
2023-09-15	Friday	06:00	133°	+38°	0 dB	0°	133°	+38°	268°	+5°	3.2dB	SUN!	403913 +191 Hz
2023-09-15	Friday	06:30	142°	+42°	0 dB	0°	142°	+42°	276°	+5°	3.2dB	SUN!	403877 +158 Hz
2023-09-15	Friday	07:00	151°	+44°	0 dB	0°	151°	+44°	283°	+5°	3.2dB	SUN!	403840 +122 Hz
2023-09-15	Friday	07:30	161°	+46°	0 dB	0°	161°	+46°	290°	+4°	3.2dB	SUN!	403803 +84 Hz
2023-09-15	Friday	08:00	172°	+47°	0 dB	0°	172°	+47°	297°	+4°	3.2dB	SUN!	403766 +45 Hz
2023-09-15	Friday	08:30	183°	+48°	0 dB	0°	183°	+48°	305°	+4°	3.2dB	SUN!	403728 +6 Hz
2023-09-15	Friday	09:00	193°	+47°	0 dB	0°	193°	+47°	312°	+4°	3.3dB	SUN!	403691 -34 Hz
2023-09-15	Friday	09:30	204°	+45°	0 dB	0°	204°	+45°	319°	+4°	3.3dB	SUN!	403653 -72 Hz
2023-09-15	Friday	10:00	213°	+42°	0 dB	0°	213°	+42°	327°	+4°	3.3dB	SUN!	403615 -109 Hz
2023-09-15	Friday	10:30	222°	+39°	0 dB	0°	222°	+39°	334°	+4°	3.3dB	SUN!	403576 -144 Hz
2023-09-15	Friday	11:00	230°	+35°	0 dB	0°	230°	+35°	341°	+4°	3.3dB	SUN!	403537 -176 Hz
2023-09-15	Friday	11:30	237°	+31°	0 dB	0°	237°	+31°	349°	+4°	3.3dB	SUN!	403499 -204 Hz
2023-09-15	Friday	12:00	244°	+27°	0 dB	0°	244°	+27°	356°	+3°	3.4dB	SUN!	403459 -229 Hz
2023-09-15	Friday	12:30	250°	+22°	0 dB	0°	250°	+22°	3°	+3°	3.4dB	SUN!	403420 -250 Hz
2023-09-15	Friday	13:00	256°	+17°	0 dB	0°	256°	+17°	10°	+3°	3.4dB	SUN!	403381 -266 Hz
2023-09-15	Friday	13:30	261°	+12°	0 dB	0°	261°	+12°	18°	+3°	3.4dB	SUN!	403341 -277 Hz
2023-09-15	Friday	14:00	266°	+7°	0 dB	0°	266°	+7°	25°	+3°	3.4dB	SUN!	403301 -283 Hz
2023-09-15	Friday	14:30	271°	+2°	0 dB	0°	271°	+2°	32°	+3°	3.5dB	SUN!	403260 -285 Hz
2023-09-16	Saturday	03:00	091°	+0°	0 dB	0°	091°	+0°	215°	-0°	3.9dB	295°K	402177 +321 Hz
2023-09-16	Saturday	03:30	097°	+5°	0 dB	0°	097°	+5°	222°	-0°	3.9dB	297°K	402131 +318 Hz
2023-09-16	Saturday	04:00	102°	+10°	0 dB	0°	102°	+10°	229°	-0°	3.9dB	298°K	402084 +311 Hz
2023-09-16	Saturday	04:30	108°	+15°	0 dB	0°	108°	+15°	237°	-1°	4.0dB	300°K	402037 +299 Hz
2023-09-16	Saturday	05:00	114°	+20°	0 dB	0°	114°	+20°	244°	-1°	4.0dB	301°K	401990 +282 Hz
2023-09-16	Saturday	05:30	120°	+24°	0 dB	0°	120°	+24°	251°	-1°	4.0dB	303°K	401943 +261 Hz
2023-09-16	Saturday	06:00	127°	+28°	0 dB	0°	127°	+28°	259°	-1°	4.0dB	304°K	401896 +236 Hz
2023-09-16	Saturday	06:30	134°	+32°	0 dB	0°	134°	+32°	266°	-1°	4.0dB	306°K	401848 +206 Hz
2023-09-16	Saturday	07:00	142°	+35°	0 dB	0°	142°	+35°	273°	-1°	4.0dB	307°K	401800 +174 Hz
2023-09-16	Saturday	07:30	151°	+38°	0 dB	0°	151°	+38°	281°	-1°	4.1dB	309°K	401752 +139 Hz
2023-09-16	Saturday	08:00	160°	+40°	0 dB	0°	160°	+40°	288°	-1°	4.1dB	311°K	401704 +102 Hz
2023-09-16	Saturday	08:30	169°	+41°	0 dB	0°	169°	+41°	295°	-1°	4.1dB	312°K	401655 +63 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-16	Saturday	09:00	179°	+42°	0 dB	0°	179°	+42°	302°	-2°	4.1dB	313°K	401607 +24 Hz
2023-09-16	Saturday	09:30	189°	+41°	0 dB	0°	189°	+41°	310°	-2°	4.1dB	313°K	401558 -16 Hz
2023-09-16	Saturday	10:00	199°	+40°	0 dB	0°	199°	+40°	317°	-2°	4.1dB	313°K	401508 -54 Hz
2023-09-16	Saturday	10:30	208°	+38°	0 dB	0°	208°	+38°	324°	-2°	4.1dB	313°K	401459 -92 Hz
2023-09-16	Saturday	11:00	216°	+35°	0 dB	0°	216°	+35°	332°	-2°	4.1dB	313°K	401409 -127 Hz
2023-09-16	Saturday	11:30	224°	+32°	0 dB	0°	224°	+32°	339°	-2°	4.1dB	313°K	401359 -160 Hz
2023-09-16	Saturday	12:00	231°	+28°	0 dB	0°	231°	+28°	346°	-2°	4.1dB	313°K	401309 -189 Hz
2023-09-16	Saturday	12:30	238°	+23°	0 dB	0°	238°	+23°	354°	-2°	4.1dB	313°K	401259 -215 Hz
2023-09-16	Saturday	13:00	244°	+19°	0 dB	0°	244°	+19°	1°	-3°	4.1dB	313°K	401208 -237 Hz
2023-09-16	Saturday	13:30	250°	+14°	0 dB	0°	250°	+14°	8°	-3°	4.1dB	313°K	401158 -254 Hz
2023-09-16	Saturday	14:00	255°	+9°	0 dB	0°	255°	+9°	15°	-3°	4.1dB	313°K	401107 -267 Hz
2023-09-16	Saturday	14:30	261°	+4°	0 dB	0°	261°	+4°	23°	-3°	4.1dB	313°K	401055 -275 Hz
2023-09-17	Sunday	04:30	104°	+4°	0 dB	0°	104°	+4°	227°	-6°	4.0dB	311°K	399533 +317 Hz
2023-09-17	Sunday	05:00	110°	+9°	0 dB	0°	110°	+9°	234°	-6°	4.0dB	311°K	399475 +307 Hz
2023-09-17	Sunday	05:30	116°	+14°	0 dB	0°	116°	+14°	242°	-6°	4.0dB	311°K	399418 +291 Hz
2023-09-17	Sunday	06:00	122°	+18°	0 dB	0°	122°	+18°	249°	-7°	4.0dB	310°K	399360 +272 Hz
2023-09-17	Sunday	06:30	128°	+22°	0 dB	0°	128°	+22°	256°	-7°	4.0dB	310°K	399302 +248 Hz
2023-09-17	Sunday	07:00	135°	+26°	0 dB	0°	135°	+26°	263°	-7°	4.0dB	310°K	399243 +220 Hz
2023-09-17	Sunday	07:30	142°	+29°	0 dB	0°	142°	+29°	271°	-7°	4.0dB	310°K	399185 +189 Hz
2023-09-17	Sunday	08:00	150°	+32°	0 dB	0°	150°	+32°	278°	-7°	3.9dB	309°K	399126 +155 Hz
2023-09-17	Sunday	08:30	159°	+34°	0 dB	0°	159°	+34°	285°	-7°	3.9dB	309°K	399067 +119 Hz
2023-09-17	Sunday	09:00	167°	+35°	0 dB	0°	167°	+35°	293°	-7°	3.9dB	309°K	399008 +81 Hz
2023-09-17	Sunday	09:30	176°	+36°	0 dB	0°	176°	+36°	300°	-7°	3.9dB	308°K	398948 +43 Hz
2023-09-17	Sunday	10:00	185°	+36°	0 dB	0°	185°	+36°	307°	-8°	3.9dB	308°K	398889 +4 Hz
2023-09-17	Sunday	10:30	194°	+35°	0 dB	0°	194°	+35°	314°	-8°	3.9dB	308°K	398829 -35 Hz
2023-09-17	Sunday	11:00	203°	+33°	0 dB	0°	203°	+33°	322°	-8°	3.9dB	308°K	398769 -72 Hz
2023-09-17	Sunday	11:30	211°	+31°	0 dB	0°	211°	+31°	329°	-8°	3.9dB	307°K	398708 -108 Hz
2023-09-17	Sunday	12:00	218°	+28°	0 dB	0°	218°	+28°	336°	-8°	3.9dB	307°K	398648 -141 Hz
2023-09-17	Sunday	12:30	225°	+24°	0 dB	0°	225°	+24°	344°	-8°	3.9dB	307°K	398587 -171 Hz
2023-09-17	Sunday	13:00	232°	+20°	0 dB	0°	232°	+20°	351°	-8°	3.9dB	307°K	398526 -198 Hz
2023-09-17	Sunday	13:30	238°	+16°	0 dB	0°	238°	+16°	358°	-8°	3.9dB	306°K	398465 -221 Hz
2023-09-17	Sunday	14:00	244°	+11°	0 dB	0°	244°	+11°	6°	-8°	3.9dB	306°K	398404 -239 Hz
2023-09-17	Sunday	14:30	249°	+7°	0 dB	0°	249°	+7°	13°	-9°	3.9dB	306°K	398342 -253 Hz
2023-09-17	Sunday	15:00	255°	+2°	0 dB	0°	255°	+2°	20°	-9°	3.9dB	306°K	398280 -262 Hz
2023-09-18	Monday	05:30	112°	+3°	0 dB	0°	112°	+3°	231°	-12°	4.0dB	320°K	396395 +311 Hz
2023-09-18	Monday	06:00	117°	+7°	0 dB	0°	117°	+7°	239°	-12°	4.0dB	321°K	396327 +298 Hz
2023-09-18	Monday	06:30	123°	+12°	0 dB	0°	123°	+12°	246°	-12°	4.0dB	321°K	396259 +280 Hz
2023-09-18	Monday	07:00	129°	+16°	0 dB	0°	129°	+16°	253°	-12°	4.0dB	322°K	396190 +258 Hz
2023-09-18	Monday	07:30	135°	+19°	0 dB	0°	135°	+19°	261°	-12°	4.0dB	323°K	396121 +233 Hz
2023-09-18	Monday	08:00	142°	+23°	0 dB	0°	142°	+23°	268°	-13°	4.0dB	323°K	396052 +204 Hz
2023-09-18	Monday	08:30	149°	+25°	0 dB	0°	149°	+25°	275°	-13°	4.0dB	324°K	395983 +172 Hz
2023-09-18	Monday	09:00	157°	+28°	0 dB	0°	157°	+28°	282°	-13°	4.0dB	325°K	395913 +137 Hz
2023-09-18	Monday	09:30	165°	+29°	0 dB	0°	165°	+29°	290°	-13°	4.0dB	325°K	395844 +101 Hz
2023-09-18	Monday	10:00	173°	+30°	0 dB	0°	173°	+30°	297°	-13°	4.0dB	326°K	395774 +63 Hz
2023-09-18	Monday	10:30	181°	+30°	0 dB	0°	181°	+30°	304°	-13°	4.0dB	328°K	395704 +25 Hz
2023-09-18	Monday	11:00	190°	+29°	0 dB	0°	190°	+29°	311°	-13°	4.0dB	329°K	395634 -12 Hz
2023-09-18	Monday	11:30	198°	+28°	0 dB	0°	198°	+28°	319°	-13°	4.0dB	330°K	395563 -49 Hz
2023-09-18	Monday	12:00	205°	+26°	0 dB	0°	205°	+26°	326°	-13°	4.0dB	331°K	395492 -85 Hz
2023-09-18	Monday	12:30	213°	+24°	0 dB	0°	213°	+24°	333°	-14°	4.0dB	332°K	395421 -118 Hz
2023-09-18	Monday	13:00	220°	+21°	0 dB	0°	220°	+21°	341°	-14°	4.1dB	333°K	395350 -149 Hz
2023-09-18	Monday	13:30	226°	+17°	0 dB	0°	226°	+17°	348°	-14°	4.1dB	334°K	395279 -176 Hz
2023-09-18	Monday	14:00	232°	+13°	0 dB	0°	232°	+13°	355°	-14°	4.1dB	335°K	395207 -200 Hz
2023-09-18	Monday	14:30	238°	+9°	0 dB	0°	238°	+9°	2°	-14°	4.1dB	336°K	395135 -220 Hz
2023-09-18	Monday	15:00	243°	+4°	0 dB	0°	243°	+4°	10°	-14°	4.1dB	338°K	395063 -235 Hz
2023-09-18	Monday	15:30	249°	-0°	0 dB	0°	249°	-0°	17°	-14°	4.1dB	339°K	394991 -246 Hz
2023-09-19	Tuesday	06:30	118°	+1°	0 dB	0°	118°	+1°	235°	-17°	4.3dB	372°K	392728 +303 Hz
2023-09-19	Tuesday	07:00	123°	+5°	0 dB	0°	123°	+5°	242°	-17°	4.4dB	373°K	392649 +288 Hz
2023-09-19	Tuesday	07:30	129°	+9°	0 dB	0°	129°	+9°	250°	-18°	4.4dB	374°K	392570 +268 Hz
2023-09-19	Tuesday	08:00	135°	+13°	0 dB	0°	135°	+13°	257°	-18°	4.4dB	375°K	392491 +245 Hz
2023-09-19	Tuesday	08:30	141°	+16°	0 dB	0°	141°	+16°	264°	-18°	4.4dB	376°K	392412 +219 Hz
2023-09-19	Tuesday	09:00	148°	+19°	0 dB	0°	148°	+19°	271°	-18°	4.4dB	377°K	392332 +189 Hz
2023-09-19	Tuesday	09:30	155°	+22°	0 dB	0°	155°	+22°	279°	-18°	4.4dB	378°K	392253 +157 Hz
2023-09-19	Tuesday	10:00	162°	+23°	0 dB	0°	162°	+23°	286°	-18°	4.4dB	379°K	392173 +122 Hz
2023-09-19	Tuesday	10:30	170°	+24°	0 dB	0°	170°	+24°	293°	-18°	4.4dB	380°K	392093 +87 Hz
2023-09-19	Tuesday	11:00	177°	+25°	0 dB	0°	177°	+25°	301°	-18°	4.4dB	381°K	392012 +50 Hz
2023-09-19	Tuesday	11:30	185°	+25°	0 dB	0°	185°	+25°	308°	-18°	4.4dB	382°K	391932 +13 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-19	Tuesday	12:00	193°	+24°	0 dB	0°	193°	+24°	315°	-18°	4.4dB	383°K	391851 -23 Hz
2023-09-19	Tuesday	12:30	200°	+22°	0 dB	0°	200°	+22°	322°	-19°	4.4dB	384°K	391770 -58 Hz
2023-09-19	Tuesday	13:00	207°	+20°	0 dB	0°	207°	+20°	330°	-19°	4.4dB	385°K	391689 -91 Hz
2023-09-19	Tuesday	13:30	214°	+17°	0 dB	0°	214°	+17°	337°	-19°	4.4dB	386°K	391608 -122 Hz
2023-09-19	Tuesday	14:00	220°	+14°	0 dB	0°	220°	+14°	344°	-19°	4.4dB	387°K	391526 -150 Hz
2023-09-19	Tuesday	14:30	226°	+11°	0 dB	0°	226°	+11°	351°	-19°	4.4dB	388°K	391445 -175 Hz
2023-09-19	Tuesday	15:00	232°	+7°	0 dB	0°	232°	+7°	359°	-19°	4.5dB	390°K	391363 -196 Hz
2023-09-19	Tuesday	15:30	237°	+3°	0 dB	0°	237°	+3°	6°	-19°	4.5dB	391°K	391280 -213 Hz
2023-09-20	Wednesday	08:00	128°	+3°	0 dB	0°	128°	+3°	245°	-22°	4.7dB	427°K	388460 +278 Hz
2023-09-20	Wednesday	08:30	134°	+7°	0 dB	0°	134°	+7°	252°	-22°	4.7dB	429°K	388371 +258 Hz
2023-09-20	Wednesday	09:00	140°	+10°	0 dB	0°	140°	+10°	260°	-22°	4.7dB	432°K	388283 +235 Hz
2023-09-20	Wednesday	09:30	146°	+13°	0 dB	0°	146°	+13°	267°	-22°	4.7dB	434°K	388194 +208 Hz
2023-09-20	Wednesday	10:00	152°	+16°	0 dB	0°	152°	+16°	274°	-22°	4.7dB	436°K	388104 +178 Hz
2023-09-20	Wednesday	10:30	159°	+18°	0 dB	0°	159°	+18°	281°	-23°	4.8dB	438°K	388015 +146 Hz
2023-09-20	Wednesday	11:00	166°	+19°	0 dB	0°	166°	+19°	289°	-23°	4.8dB	441°K	387925 +113 Hz
2023-09-20	Wednesday	11:30	173°	+20°	0 dB	0°	173°	+20°	296°	-23°	4.8dB	443°K	387835 +78 Hz
2023-09-20	Wednesday	12:00	180°	+20°	0 dB	0°	180°	+20°	303°	-23°	4.8dB	445°K	387745 +43 Hz
2023-09-20	Wednesday	12:30	187°	+20°	0 dB	0°	187°	+20°	310°	-23°	4.8dB	447°K	387655 +7 Hz
2023-09-20	Wednesday	13:00	194°	+19°	0 dB	0°	194°	+19°	318°	-23°	4.8dB	450°K	387565 -27 Hz
2023-09-20	Wednesday	13:30	201°	+17°	0 dB	0°	201°	+17°	325°	-23°	4.9dB	452°K	387475 -60 Hz
2023-09-20	Wednesday	14:00	208°	+15°	0 dB	0°	208°	+15°	332°	-23°	4.9dB	454°K	387384 -91 Hz
2023-09-20	Wednesday	14:30	214°	+12°	0 dB	0°	214°	+12°	339°	-23°	4.9dB	456°K	387293 -120 Hz
2023-09-20	Wednesday	15:00	220°	+9°	0 dB	0°	220°	+9°	347°	-23°	4.9dB	459°K	387202 -146 Hz
2023-09-20	Wednesday	15:30	226°	+6°	0 dB	0°	226°	+6°	354°	-23°	4.9dB	461°K	387111 -169 Hz
2023-09-20	Wednesday	16:00	231°	+2°	0 dB	0°	231°	+2°	1°	-23°	4.9dB	463°K	387019 -188 Hz
2023-09-21	Thursday	09:00	132°	+1°	0 dB	0°	132°	+1°	247°	-26°	6.0dB	627°K	383817 +272 Hz
2023-09-21	Thursday	09:30	137°	+5°	0 dB	0°	137°	+5°	254°	-26°	6.0dB	637°K	383721 +252 Hz
2023-09-21	Thursday	10:00	143°	+8°	0 dB	0°	143°	+8°	261°	-26°	6.1dB	648°K	383624 +228 Hz
2023-09-21	Thursday	10:30	149°	+11°	0 dB	0°	149°	+11°	269°	-26°	6.1dB	658°K	383527 +202 Hz
2023-09-21	Thursday	11:00	155°	+13°	0 dB	0°	155°	+13°	276°	-26°	6.2dB	668°K	383430 +173 Hz
2023-09-21	Thursday	11:30	161°	+15°	0 dB	0°	161°	+15°	283°	-26°	6.3dB	679°K	383332 +141 Hz
2023-09-21	Thursday	12:00	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	6.3dB	689°K	383235 +109 Hz
2023-09-21	Thursday	12:30	175°	+17°	0 dB	0°	175°	+17°	298°	-26°	6.4dB	700°K	383137 +75 Hz
2023-09-21	Thursday	13:00	182°	+17°	0 dB	0°	182°	+17°	305°	-26°	6.4dB	710°K	383040 +41 Hz
2023-09-21	Thursday	13:30	188°	+16°	0 dB	0°	188°	+16°	312°	-26°	6.5dB	721°K	382942 +7 Hz
2023-09-21	Thursday	14:00	195°	+15°	0 dB	0°	195°	+15°	319°	-26°	6.5dB	731°K	382844 -26 Hz
2023-09-21	Thursday	14:30	202°	+14°	0 dB	0°	202°	+14°	326°	-26°	6.6dB	741°K	382746 -58 Hz
2023-09-21	Thursday	15:00	208°	+12°	0 dB	0°	208°	+12°	334°	-26°	6.6dB	752°K	382648 -88 Hz
2023-09-21	Thursday	15:30	214°	+9°	0 dB	0°	214°	+9°	341°	-26°	6.7dB	763°K	382550 -115 Hz
2023-09-21	Thursday	16:00	220°	+6°	0 dB	0°	220°	+6°	348°	-26°	6.7dB	773°K	382451 -140 Hz
2023-09-21	Thursday	16:30	225°	+2°	0 dB	0°	225°	+2°	355°	-26°	6.8dB	784°K	382353 -161 Hz
2023-09-22	Fri day	10:00	133°	-0°	0 dB	0°	133°	-0°	248°	-28°	10.1dB	1809°K	378849 +269 Hz
2023-09-22	Fri day	10:30	139°	+3°	0 dB	0°	139°	+3°	255°	-28°	10.2dB	1881°K	378748 +249 Hz
2023-09-22	Fri day	11:00	144°	+6°	0 dB	0°	144°	+6°	262°	-28°	10.4dB	1952°K	378647 +226 Hz
2023-09-22	Fri day	11:30	150°	+9°	0 dB	0°	150°	+9°	269°	-28°	10.5dB	2024°K	378545 +200 Hz
2023-09-22	Fri day	12:00	156°	+11°	0 dB	0°	156°	+11°	276°	-28°	10.7dB	2096°K	378444 +172 Hz
2023-09-22	Fri day	12:30	162°	+13°	0 dB	0°	162°	+13°	284°	-28°	10.8dB	2168°K	378342 +141 Hz
2023-09-22	Fri day	13:00	169°	+14°	0 dB	0°	169°	+14°	291°	-28°	11.0dB	2240°K	378241 +109 Hz
2023-09-22	Fri day	13:30	175°	+15°	0 dB	0°	175°	+15°	298°	-28°	11.1dB	2312°K	378139 +76 Hz
2023-09-22	Fri day	14:00	182°	+15°	0 dB	0°	182°	+15°	305°	-28°	11.2dB	2384°K	378038 +43 Hz
2023-09-22	Fri day	14:30	189°	+15°	0 dB	0°	189°	+15°	312°	-28°	11.3dB	2456°K	377936 +9 Hz
2023-09-22	Fri day	15:00	195°	+14°	0 dB	0°	195°	+14°	320°	-28°	11.5dB	2528°K	377835 -23 Hz
2023-09-22	Fri day	15:30	201°	+12°	0 dB	0°	201°	+12°	327°	-28°	11.6dB	2600°K	377733 -54 Hz
2023-09-22	Fri day	16:00	208°	+10°	0 dB	0°	208°	+10°	334°	-28°	11.7dB	2673°K	377631 -83 Hz
2023-09-22	Fri day	16:30	214°	+7°	0 dB	0°	214°	+7°	341°	-28°	11.8dB	2745°K	377530 -110 Hz
2023-09-22	Fri day	17:00	219°	+4°	0 dB	0°	219°	+4°	348°	-28°	11.9dB	2817°K	377428 -134 Hz
2023-09-22	Fri day	17:30	225°	+1°	0 dB	0°	225°	+1°	356°	-28°	12.0dB	2890°K	377326 -155 Hz
2023-09-23	Saturday	11:30	139°	+3°	0 dB	0°	139°	+3°	255°	-28°	9.6dB	1707°K	373680 +250 Hz
2023-09-23	Saturday	12:00	144°	+6°	0 dB	0°	144°	+6°	262°	-28°	9.5dB	1653°K	373580 +227 Hz
2023-09-23	Saturday	12:30	150°	+9°	0 dB	0°	150°	+9°	269°	-28°	9.3dB	1600°K	373480 +201 Hz
2023-09-23	Saturday	13:00	156°	+11°	0 dB	0°	156°	+11°	276°	-28°	9.2dB	1547°K	373380 +173 Hz
2023-09-23	Saturday	13:30	162°	+13°	0 dB	0°	162°	+13°	283°	-28°	9.0dB	1494°K	373280 +143 Hz
2023-09-23	Saturday	14:00	169°	+14°	0 dB	0°	169°	+14°	291°	-28°	8.9dB	1441°K	373180 +111 Hz
2023-09-23	Saturday	14:30	175°	+15°	0 dB	0°	175°	+15°	298°	-28°	8.7dB	1387°K	373080 +78 Hz
2023-09-23	Saturday	15:00	182°	+15°	0 dB	0°	182°	+15°	305°	-28°	8.5dB	1334°K	372981 +45 Hz
2023-09-23	Saturday	15:30	188°	+15°	0 dB	0°	188°	+15°	312°	-28°	8.4dB	1281°K	372881 +11 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-23	Saturday	16:00	195°	+14°	0 dB	0°	195°	+14°	319°	-28°	8.2dB	1227°K	372782 -21 Hz
2023-09-23	Saturday	16:30	201°	+12°	0 dB	0°	201°	+12°	327°	-28°	8.0dB	1174°K	372683 -52 Hz
2023-09-23	Saturday	17:00	207°	+10°	0 dB	0°	207°	+10°	334°	-28°	7.8dB	1121°K	372584 -82 Hz
2023-09-23	Saturday	17:30	213°	+7°	0 dB	0°	213°	+7°	341°	-28°	7.6dB	1068°K	372485 -109 Hz
2023-09-23	Saturday	18:00	219°	+4°	0 dB	0°	219°	+4°	348°	-28°	7.4dB	1014°K	372386 -133 Hz
2023-09-23	Saturday	18:30	224°	+1°	0 dB	0°	224°	+1°	355°	-28°	7.2dB	961°K	372287 -154 Hz
2023-09-24	Sunday	12:00	132°	+1°	0 dB	0°	132°	+1°	247°	-27°	4.0dB	452°K	368941 +271 Hz
2023-09-24	Sunday	12:30	138°	+4°	0 dB	0°	138°	+4°	254°	-27°	3.9dB	445°K	368849 +252 Hz
2023-09-24	Sunday	13:00	143°	+7°	0 dB	0°	143°	+7°	262°	-27°	3.9dB	439°K	368758 +229 Hz
2023-09-24	Sunday	13:30	149°	+10°	0 dB	0°	149°	+10°	269°	-26°	3.8dB	432°K	368667 +203 Hz
2023-09-24	Sunday	14:00	155°	+13°	0 dB	0°	155°	+13°	276°	-26°	3.8dB	426°K	368576 +174 Hz
2023-09-24	Sunday	14:30	162°	+14°	0 dB	0°	162°	+14°	283°	-26°	3.7dB	419°K	368485 +143 Hz
2023-09-24	Sunday	15:00	168°	+16°	0 dB	0°	168°	+16°	290°	-26°	3.6dB	412°K	368395 +111 Hz
2023-09-24	Sunday	15:30	175°	+17°	0 dB	0°	175°	+17°	298°	-26°	3.6dB	406°K	368305 +77 Hz
2023-09-24	Sunday	16:00	182°	+17°	0 dB	0°	182°	+17°	305°	-26°	3.5dB	399°K	368215 +43 Hz
2023-09-24	Sunday	16:30	188°	+16°	0 dB	0°	188°	+16°	312°	-26°	3.4dB	392°K	368125 +9 Hz
2023-09-24	Sunday	17:00	195°	+16°	0 dB	0°	195°	+16°	319°	-26°	3.4dB	386°K	368036 -24 Hz
2023-09-24	Sunday	17:30	202°	+14°	0 dB	0°	202°	+14°	326°	-26°	3.3dB	379°K	367947 -56 Hz
2023-09-24	Sunday	18:00	208°	+12°	0 dB	0°	208°	+12°	333°	-26°	3.2dB	373°K	367859 -86 Hz
2023-09-24	Sunday	18:30	214°	+9°	0 dB	0°	214°	+9°	341°	-26°	3.2dB	368°K	367770 -114 Hz
2023-09-24	Sunday	19:00	220°	+6°	0 dB	0°	220°	+6°	348°	-26°	3.1dB	366°K	367682 -140 Hz
2023-09-24	Sunday	19:30	225°	+3°	0 dB	0°	225°	+3°	355°	-26°	3.1dB	365°K	367595 -162 Hz
2023-09-25	Monday	13:00	130°	+3°	0 dB	0°	130°	+3°	247°	-23°	2.6dB	326°K	364747 +271 Hz
2023-09-25	Monday	13:30	136°	+7°	0 dB	0°	136°	+7°	254°	-23°	2.6dB	326°K	364672 +251 Hz
2023-09-25	Monday	14:00	141°	+10°	0 dB	0°	141°	+10°	261°	-23°	2.6dB	326°K	364599 +227 Hz
2023-09-25	Monday	14:30	148°	+13°	0 dB	0°	148°	+13°	269°	-23°	2.6dB	326°K	364525 +200 Hz
2023-09-25	Monday	15:00	154°	+16°	0 dB	0°	154°	+16°	276°	-23°	2.6dB	326°K	364452 +171 Hz
2023-09-25	Monday	15:30	161°	+18°	0 dB	0°	161°	+18°	283°	-23°	2.6dB	326°K	364380 +139 Hz
2023-09-25	Monday	16:00	167°	+19°	0 dB	0°	167°	+19°	290°	-23°	2.6dB	326°K	364308 +105 Hz
2023-09-25	Monday	16:30	175°	+20°	0 dB	0°	175°	+20°	297°	-23°	2.6dB	326°K	364237 +70 Hz
2023-09-25	Monday	17:00	182°	+21°	0 dB	0°	182°	+21°	305°	-22°	2.5dB	326°K	364166 +35 Hz
2023-09-25	Monday	17:30	189°	+20°	0 dB	0°	189°	+20°	312°	-22°	2.5dB	326°K	364095 -1 Hz
2023-09-25	Monday	18:00	196°	+19°	0 dB	0°	196°	+19°	319°	-22°	2.5dB	326°K	364025 -35 Hz
2023-09-25	Monday	18:30	203°	+18°	0 dB	0°	203°	+18°	326°	-22°	2.5dB	326°K	363955 -69 Hz
2023-09-25	Monday	19:00	209°	+16°	0 dB	0°	209°	+16°	334°	-22°	2.5dB	326°K	363886 -100 Hz
2023-09-25	Monday	19:30	216°	+13°	0 dB	0°	216°	+13°	341°	-22°	2.5dB	326°K	363818 -129 Hz
2023-09-25	Monday	20:00	222°	+10°	0 dB	0°	222°	+10°	348°	-22°	2.5dB	326°K	363749 -156 Hz
2023-09-25	Monday	20:30	228°	+6°	0 dB	0°	228°	+6°	355°	-22°	2.5dB	326°K	363682 -179 Hz
2023-09-25	Monday	21:00	233°	+3°	0 dB	0°	233°	+3°	2°	-22°	2.5dB	326°K	363615 -198 Hz
2023-09-26	Tuesday	13:30	122°	+4°	0 dB	0°	122°	+4°	240°	-18°	2.2dB	307°K	361697 +284 Hz
2023-09-26	Tuesday	14:00	128°	+8°	0 dB	0°	128°	+8°	248°	-18°	2.2dB	305°K	361648 +266 Hz
2023-09-26	Tuesday	14:30	133°	+12°	0 dB	0°	133°	+12°	255°	-18°	2.2dB	304°K	361600 +245 Hz
2023-09-26	Tuesday	15:00	139°	+15°	0 dB	0°	139°	+15°	262°	-18°	2.2dB	303°K	361553 +220 Hz
2023-09-26	Tuesday	15:30	146°	+18°	0 dB	0°	146°	+18°	269°	-18°	2.1dB	302°K	361507 +191 Hz
2023-09-26	Tuesday	16:00	153°	+21°	0 dB	0°	153°	+21°	277°	-18°	2.1dB	301°K	361461 +160 Hz
2023-09-26	Tuesday	16:30	160°	+23°	0 dB	0°	160°	+23°	284°	-17°	2.1dB	299°K	361415 +126 Hz
2023-09-26	Tuesday	17:00	167°	+25°	0 dB	0°	167°	+25°	291°	-17°	2.1dB	298°K	361371 +91 Hz
2023-09-26	Tuesday	17:30	175°	+26°	0 dB	0°	175°	+26°	298°	-17°	2.1dB	297°K	361326 +54 Hz
2023-09-26	Tuesday	18:00	183°	+26°	0 dB	0°	183°	+26°	305°	-17°	2.1dB	296°K	361283 +17 Hz
2023-09-26	Tuesday	18:30	190°	+26°	0 dB	0°	190°	+26°	313°	-17°	2.0dB	294°K	361240 -19 Hz
2023-09-26	Tuesday	19:00	198°	+24°	0 dB	0°	198°	+24°	320°	-17°	2.0dB	292°K	361198 -56 Hz
2023-09-26	Tuesday	19:30	205°	+23°	0 dB	0°	205°	+23°	327°	-17°	2.0dB	290°K	361156 -90 Hz
2023-09-26	Tuesday	20:00	212°	+20°	0 dB	0°	212°	+20°	334°	-17°	2.0dB	288°K	361115 -123 Hz
2023-09-26	Tuesday	20:30	219°	+18°	0 dB	0°	219°	+18°	341°	-16°	1.9dB	286°K	361075 -153 Hz
2023-09-26	Tuesday	21:00	225°	+14°	0 dB	0°	225°	+14°	349°	-16°	1.9dB	284°K	361035 -180 Hz
2023-09-26	Tuesday	21:30	231°	+11°	0 dB	0°	231°	+11°	356°	-16°	1.9dB	281°K	360996 -204 Hz
2023-09-26	Tuesday	22:00	237°	+7°	0 dB	0°	237°	+7°	3°	-16°	1.8dB	279°K	360958 -224 Hz
2023-09-26	Tuesday	22:30	243°	+2°	0 dB	0°	243°	+2°	10°	-16°	1.8dB	277°K	360920 -240 Hz
2023-09-27	Wednesday	13:30	109°	-0°	0 dB	0°	109°	-0°	227°	-12°	1.3dB	243°K	360103 +298 Hz
2023-09-27	Wednesday	14:00	114°	+5°	0 dB	0°	114°	+5°	234°	-12°	1.3dB	243°K	360086 +288 Hz
2023-09-27	Wednesday	14:30	119°	+9°	0 dB	0°	119°	+9°	242°	-12°	1.3dB	243°K	360070 +273 Hz
2023-09-27	Wednesday	15:00	125°	+14°	0 dB	0°	125°	+14°	249°	-12°	1.3dB	243°K	360055 +254 Hz
2023-09-27	Wednesday	15:30	131°	+18°	0 dB	0°	131°	+18°	256°	-11°	1.3dB	243°K	360041 +231 Hz
2023-09-27	Wednesday	16:00	137°	+22°	0 dB	0°	137°	+22°	263°	-11°	1.3dB	243°K	360028 +204 Hz
2023-09-27	Wednesday	16:30	144°	+25°	0 dB	0°	144°	+25°	271°	-11°	1.3dB	243°K	360015 +174 Hz
2023-09-27	Wednesday	17:00	152°	+28°	0 dB	0°	152°	+28°	278°	-11°	1.3dB	243°K	360003 +141 Hz



Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-27	Wednesday 17:30	159°	+30°	0 dB	0°	159°	+30°	285°	-11°	1.3dB	243°K	359991	+105 Hz
2023-09-27	Wednesday 18:00	168°	+32°	0 dB	0°	168°	+32°	292°	-11°	1.3dB	243°K	359981	+68 Hz
2023-09-27	Wednesday 18:30	176°	+32°	0 dB	0°	176°	+32°	300°	-11°	1.3dB	243°K	359971	+30 Hz
2023-09-27	Wednesday 19:00	184°	+33°	0 dB	0°	184°	+33°	307°	-11°	1.3dB	243°K	359962	-8 Hz
2023-09-27	Wednesday 19:30	193°	+32°	0 dB	0°	193°	+32°	314°	-10°	1.3dB	243°K	359953	-47 Hz
2023-09-27	Wednesday 20:00	201°	+31°	0 dB	0°	201°	+31°	321°	-10°	1.3dB	243°K	359945	-84 Hz
2023-09-27	Wednesday 20:30	209°	+29°	0 dB	0°	209°	+29°	329°	-10°	1.3dB	243°K	359939	-120 Hz
2023-09-27	Wednesday 21:00	217°	+26°	0 dB	0°	217°	+26°	336°	-10°	1.3dB	243°K	359932	-153 Hz
2023-09-27	Wednesday 21:30	224°	+23°	0 dB	0°	224°	+23°	343°	-10°	1.3dB	243°K	359927	-184 Hz
2023-09-27	Wednesday 22:00	230°	+19°	0 dB	0°	230°	+19°	350°	-10°	1.3dB	242°K	359922	-211 Hz
2023-09-27	Wednesday 22:30	237°	+15°	0 dB	0°	237°	+15°	357°	-10°	1.3dB	242°K	359918	-235 Hz
2023-09-27	Wednesday 23:00	243°	+11°	0 dB	0°	243°	+11°	5°	-9°	1.3dB	242°K	359915	-254 Hz
2023-09-27	Wednesday 23:30	248°	+7°	0 dB	0°	248°	+7°	12°	-9°	1.3dB	242°K	359912	-269 Hz
2023-09-28	Thursday 00:00	254°	+2°	0 dB	0°	254°	+2°	19°	-9°	1.3dB	242°K	359910	-280 Hz
2023-09-28	Thursday 14:00	100°	+1°	0 dB	0°	100°	+1°	222°	-5°	1.2dB	239°K	360165	+291 Hz
2023-09-28	Thursday 14:30	105°	+7°	0 dB	0°	105°	+7°	229°	-5°	1.2dB	239°K	360185	+283 Hz
2023-09-28	Thursday 15:00	111°	+11°	0 dB	0°	111°	+11°	236°	-5°	1.2dB	239°K	360206	+272 Hz
2023-09-28	Thursday 15:30	116°	+16°	0 dB	0°	116°	+16°	244°	-5°	1.2dB	239°K	360228	+255 Hz
2023-09-28	Thursday 16:00	122°	+21°	0 dB	0°	122°	+21°	251°	-4°	1.3dB	239°K	360250	+234 Hz
2023-09-28	Thursday 16:30	129°	+25°	0 dB	0°	129°	+25°	258°	-4°	1.3dB	239°K	360273	+209 Hz
2023-09-28	Thursday 17:00	135°	+29°	0 dB	0°	135°	+29°	265°	-4°	1.3dB	239°K	360297	+181 Hz
2023-09-28	Thursday 17:30	143°	+32°	0 dB	0°	143°	+32°	273°	-4°	1.3dB	239°K	360322	+149 Hz
2023-09-28	Thursday 18:00	151°	+35°	0 dB	0°	151°	+35°	280°	-4°	1.3dB	239°K	360347	+114 Hz
2023-09-28	Thursday 18:30	160°	+37°	0 dB	0°	160°	+37°	287°	-4°	1.3dB	239°K	360373	+77 Hz
2023-09-28	Thursday 19:00	169°	+39°	0 dB	0°	169°	+39°	294°	-4°	1.3dB	239°K	360400	+39 Hz
2023-09-28	Thursday 19:30	178°	+40°	0 dB	0°	178°	+40°	302°	-3°	1.3dB	239°K	360428	0 Hz
2023-09-28	Thursday 20:00	188°	+40°	0 dB	0°	188°	+40°	309°	-3°	1.3dB	239°K	360456	-40 Hz
2023-09-28	Thursday 20:30	197°	+39°	0 dB	0°	197°	+39°	316°	-3°	1.3dB	239°K	360485	-79 Hz
2023-09-28	Thursday 21:00	206°	+37°	0 dB	0°	206°	+37°	323°	-3°	1.3dB	239°K	360515	-116 Hz
2023-09-28	Thursday 21:30	215°	+35°	0 dB	0°	215°	+35°	331°	-3°	1.3dB	239°K	360546	-152 Hz
2023-09-28	Thursday 22:00	222°	+32°	0 dB	0°	222°	+32°	338°	-3°	1.3dB	239°K	360577	-186 Hz
2023-09-28	Thursday 22:30	230°	+28°	0 dB	0°	230°	+28°	345°	-3°	1.3dB	239°K	360609	-216 Hz
2023-09-28	Thursday 23:00	237°	+24°	0 dB	0°	237°	+24°	352°	-2°	1.3dB	243°K	360642	-243 Hz
2023-09-28	Thursday 23:30	243°	+20°	0 dB	0°	243°	+20°	360°	-2°	1.3dB	244°K	360676	-266 Hz
2023-09-29	Fri day 00:00	249°	+15°	0 dB	0°	249°	+15°	7°	-2°	1.4dB	245°K	360710	-284 Hz
2023-09-29	Fri day 00:30	255°	+11°	0 dB	0°	255°	+11°	14°	-2°	1.4dB	245°K	360745	-298 Hz
2023-09-29	Fri day 01:00	260°	+6°	0 dB	0°	260°	+6°	21°	-2°	1.4dB	246°K	360781	-307 Hz
2023-09-29	Fri day 01:30	266°	+1°	0 dB	0°	266°	+1°	29°	-2°	1.4dB	247°K	360818	-312 Hz
2023-09-29	Fri day 14:30	091°	+3°	0 dB	0°	091°	+3°	217°	+2°	1.7dB	263°K	362028	+276 Hz
2023-09-29	Fri day 15:00	096°	+8°	0 dB	0°	096°	+8°	224°	+2°	1.7dB	264°K	362085	+272 Hz
2023-09-29	Fri day 15:30	102°	+14°	0 dB	0°	102°	+14°	231°	+2°	1.7dB	264°K	362142	+263 Hz
2023-09-29	Fri day 16:00	107°	+19°	0 dB	0°	107°	+19°	239°	+3°	1.7dB	265°K	362199	+249 Hz
2023-09-29	Fri day 16:30	113°	+23°	0 dB	0°	113°	+23°	246°	+3°	1.7dB	266°K	362258	+231 Hz
2023-09-29	Fri day 17:00	119°	+28°	0 dB	0°	119°	+28°	253°	+3°	1.7dB	266°K	362317	+209 Hz
2023-09-29	Fri day 17:30	126°	+32°	0 dB	0°	126°	+32°	260°	+3°	1.7dB	267°K	362377	+182 Hz
2023-09-29	Fri day 18:00	133°	+36°	0 dB	0°	133°	+36°	268°	+3°	1.8dB	268°K	362437	+152 Hz
2023-09-29	Fri day 18:30	142°	+40°	0 dB	0°	142°	+40°	275°	+3°	1.8dB	268°K	362499	+119 Hz
2023-09-29	Fri day 19:00	151°	+43°	0 dB	0°	151°	+43°	282°	+3°	1.8dB	269°K	362561	+83 Hz
2023-09-29	Fri day 19:30	160°	+45°	0 dB	0°	160°	+45°	289°	+4°	1.8dB	270°K	362623	+45 Hz
2023-09-29	Fri day 20:00	171°	+47°	0 dB	0°	171°	+47°	297°	+4°	1.8dB	270°K	362686	+6 Hz
2023-09-29	Fri day 20:30	181°	+47°	0 dB	0°	181°	+47°	304°	+4°	1.8dB	271°K	362750	-33 Hz
2023-09-29	Fri day 21:00	192°	+47°	0 dB	0°	192°	+47°	311°	+4°	1.8dB	271°K	362815	-73 Hz
2023-09-29	Fri day 21:30	202°	+45°	0 dB	0°	202°	+45°	318°	+4°	1.8dB	272°K	362881	-111 Hz
2023-09-29	Fri day 22:00	212°	+43°	0 dB	0°	212°	+43°	326°	+4°	1.8dB	273°K	362947	-149 Hz
2023-09-29	Fri day 22:30	221°	+40°	0 dB	0°	221°	+40°	333°	+4°	1.9dB	273°K	363013	-184 Hz
2023-09-29	Fri day 23:00	229°	+37°	0 dB	0°	229°	+37°	340°	+5°	1.9dB	274°K	363081	-216 Hz
2023-09-29	Fri day 23:30	237°	+33°	0 dB	0°	237°	+33°	347°	+5°	1.9dB	275°K	363149	-245 Hz
2023-09-30	Saturday 00:00	244°	+29°	0 dB	0°	244°	+29°	355°	+5°	1.9dB	275°K	363217	-271 Hz
2023-09-30	Saturday 00:30	250°	+24°	0 dB	0°	250°	+24°	2°	+5°	1.9dB	276°K	363287	-292 Hz
2023-09-30	Saturday 01:00	256°	+19°	0 dB	0°	256°	+19°	9°	+5°	1.9dB	277°K	363357	-309 Hz
2023-09-30	Saturday 01:30	262°	+14°	0 dB	0°	262°	+14°	16°	+5°	1.9dB	277°K	363428	-321 Hz
2023-09-30	Saturday 02:00	267°	+9°	0 dB	0°	267°	+9°	24°	+5°	1.9dB	278°K	363499	-329 Hz
2023-09-30	Saturday 02:30	272°	+5°	0 dB	0°	272°	+5°	31°	+6°	1.9dB	278°K	363571	-331 Hz
2023-09-30	Saturday 03:00	278°	-0°	0 dB	0°	278°	-0°	38°	+6°	2.0dB	279°K	363644	-329 Hz
2023-09-30	Saturday 14:30	078°	-0°	0 dB	0°	078°	-0°	205°	+9°	2.2dB	294°K	365489	+252 Hz
2023-09-30	Saturday 15:00	083°	+5°	0 dB	0°	083°	+5°	212°	+9°	2.2dB	294°K	365577	+256 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-09-30	Saturday	15:30	088°	+10°	0 dB	0°	088°	+10°	219°	+9°	2.3dB	295°K	365665 +255 Hz
2023-09-30	Saturday	16:00	093°	+15°	0 dB	0°	093°	+15°	227°	+9°	2.3dB	295°K	365753 +249 Hz
2023-09-30	Saturday	16:30	098°	+20°	0 dB	0°	098°	+20°	234°	+10°	2.3dB	296°K	365842 +239 Hz
2023-09-30	Saturday	17:00	104°	+25°	0 dB	0°	104°	+25°	241°	+10°	2.3dB	296°K	365932 +224 Hz
2023-09-30	Saturday	17:30	110°	+30°	0 dB	0°	110°	+30°	248°	+10°	2.3dB	296°K	366022 +204 Hz
2023-09-30	Saturday	18:00	116°	+35°	0 dB	0°	116°	+35°	256°	+10°	2.3dB	297°K	366113 +180 Hz
2023-09-30	Saturday	18:30	123°	+40°	0 dB	0°	123°	+40°	263°	+10°	2.3dB	297°K	366205 +153 Hz
2023-09-30	Saturday	19:00	131°	+44°	0 dB	0°	131°	+44°	270°	+10°	2.3dB	297°K	366297 +122 Hz
2023-09-30	Saturday	19:30	140°	+47°	0 dB	0°	140°	+47°	277°	+10°	2.3dB	298°K	366389 +88 Hz
2023-09-30	Saturday	20:00	150°	+51°	0 dB	0°	150°	+51°	285°	+10°	2.3dB	298°K	366482 +52 Hz
2023-09-30	Saturday	20:30	161°	+53°	0 dB	0°	161°	+53°	292°	+11°	2.3dB	298°K	366576 +15 Hz
2023-09-30	Saturday	21:00	173°	+54°	0 dB	0°	173°	+54°	299°	+11°	2.4dB	299°K	366670 -24 Hz
2023-09-30	Saturday	21:30	186°	+54°	0 dB	0°	186°	+54°	306°	+11°	2.4dB	299°K	366765 -63 Hz
2023-09-30	Saturday	22:00	198°	+53°	0 dB	0°	198°	+53°	313°	+11°	2.4dB	299°K	366860 -102 Hz
2023-09-30	Saturday	22:30	209°	+51°	0 dB	0°	209°	+51°	321°	+11°	2.4dB	300°K	366956 -140 Hz
2023-09-30	Saturday	23:00	219°	+49°	0 dB	0°	219°	+49°	328°	+11°	2.4dB	300°K	367052 -176 Hz
2023-09-30	Saturday	23:30	229°	+45°	0 dB	0°	229°	+45°	335°	+11°	2.4dB	300°K	367149 -209 Hz
2023-10-01	Sunday	00:00	237°	+41°	0 dB	0°	237°	+41°	342°	+12°	2.4dB	301°K	367246 -240 Hz
2023-10-01	Sunday	00:30	244°	+37°	0 dB	0°	244°	+37°	350°	+12°	2.4dB	301°K	367344 -267 Hz
2023-10-01	Sunday	01:00	251°	+32°	0 dB	0°	251°	+32°	357°	+12°	2.4dB	301°K	367442 -291 Hz
2023-10-01	Sunday	01:30	257°	+28°	0 dB	0°	257°	+28°	4°	+12°	2.4dB	301°K	367541 -310 Hz
2023-10-01	Sunday	02:00	263°	+23°	0 dB	0°	263°	+23°	11°	+12°	2.4dB	302°K	367641 -326 Hz
2023-10-01	Sunday	02:30	268°	+18°	0 dB	0°	268°	+18°	19°	+12°	2.4dB	302°K	367740 -336 Hz
2023-10-01	Sunday	03:00	274°	+13°	0 dB	0°	274°	+13°	26°	+12°	2.4dB	302°K	367841 -342 Hz
2023-10-01	Sunday	03:30	279°	+8°	0 dB	0°	279°	+8°	33°	+12°	2.5dB	303°K	367942 -343 Hz
2023-10-01	Sunday	04:00	284°	+3°	0 dB	0°	284°	+3°	40°	+13°	2.5dB	303°K	368043 -339 Hz
2023-10-01	Sunday	15:00	070°	+1°	0 dB	0°	070°	+1°	200°	+15°	2.9dB	335°K	370385 +227 Hz
2023-10-01	Sunday	15:30	075°	+6°	0 dB	0°	075°	+6°	207°	+15°	3.0dB	337°K	370496 +234 Hz
2023-10-01	Sunday	16:00	080°	+11°	0 dB	0°	080°	+11°	214°	+16°	3.0dB	338°K	370608 +236 Hz
2023-10-01	Sunday	16:30	085°	+16°	0 dB	0°	085°	+16°	221°	+16°	3.0dB	340°K	370720 +234 Hz
2023-10-01	Sunday	17:00	090°	+21°	0 dB	0°	090°	+21°	229°	+16°	3.0dB	342°K	370833 +227 Hz
2023-10-01	Sunday	17:30	095°	+26°	0 dB	0°	095°	+26°	236°	+16°	3.1dB	343°K	370945 +215 Hz
2023-10-01	Sunday	18:00	101°	+31°	0 dB	0°	101°	+31°	243°	+16°	3.1dB	345°K	371058 +199 Hz
2023-10-01	Sunday	18:30	107°	+37°	0 dB	0°	107°	+37°	250°	+16°	3.1dB	346°K	371172 +179 Hz
2023-10-01	Sunday	19:00	113°	+41°	0 dB	0°	113°	+41°	258°	+16°	3.1dB	348°K	371286 +154 Hz
2023-10-01	Sunday	19:30	120°	+46°	0 dB	0°	120°	+46°	265°	+16°	3.1dB	349°K	371400 +126 Hz
2023-10-01	Sunday	20:00	129°	+50°	0 dB	0°	129°	+50°	272°	+17°	3.1dB	349°K	371515 +95 Hz
2023-10-01	Sunday	20:30	138°	+54°	0 dB	0°	138°	+54°	279°	+17°	3.2dB	350°K	371629 +62 Hz
2023-10-01	Sunday	21:00	150°	+57°	0 dB	0°	150°	+57°	287°	+17°	3.2dB	351°K	371745 +26 Hz
2023-10-01	Sunday	21:30	162°	+59°	0 dB	0°	162°	+59°	294°	+17°	3.2dB	352°K	371860 -11 Hz
2023-10-01	Sunday	22:00	176°	+60°	0 dB	0°	176°	+60°	301°	+17°	3.2dB	353°K	371976 -49 Hz
2023-10-01	Sunday	22:30	190°	+60°	0 dB	0°	190°	+60°	308°	+17°	3.2dB	353°K	372092 -86 Hz
2023-10-01	Sunday	23:00	204°	+59°	0 dB	0°	204°	+59°	316°	+17°	3.2dB	354°K	372209 -124 Hz
2023-10-01	Sunday	23:30	216°	+56°	0 dB	0°	216°	+56°	323°	+17°	3.2dB	355°K	372326 -160 Hz
2023-10-02	Monday	00:00	227°	+53°	0 dB	0°	227°	+53°	330°	+17°	3.3dB	356°K	372443 -194 Hz
2023-10-02	Monday	00:30	236°	+49°	0 dB	0°	236°	+49°	337°	+18°	3.3dB	357°K	372560 -226 Hz
2023-10-02	Monday	01:00	244°	+45°	0 dB	0°	244°	+45°	345°	+18°	3.3dB	358°K	372678 -255 Hz
2023-10-02	Monday	01:30	252°	+40°	0 dB	0°	252°	+40°	352°	+18°	3.3dB	358°K	372796 -281 Hz
2023-10-02	Monday	02:00	258°	+35°	0 dB	0°	258°	+35°	359°	+18°	3.3dB	359°K	372915 -302 Hz
2023-10-02	Monday	02:30	264°	+30°	0 dB	0°	264°	+30°	6°	+18°	3.3dB	360°K	373033 -320 Hz
2023-10-02	Monday	03:00	269°	+26°	0 dB	0°	269°	+26°	13°	+18°	3.3dB	361°K	373152 -333 Hz
2023-10-02	Monday	03:30	274°	+21°	0 dB	0°	274°	+21°	21°	+18°	3.4dB	362°K	373272 -342 Hz
2023-10-02	Monday	04:00	280°	+16°	0 dB	0°	280°	+16°	28°	+18°	3.4dB	363°K	373391 -346 Hz
2023-10-02	Monday	04:30	285°	+11°	0 dB	0°	285°	+11°	35°	+18°	3.4dB	363°K	373511 -345 Hz
2023-10-02	Monday	05:00	290°	+6°	0 dB	0°	290°	+6°	42°	+19°	3.4dB	364°K	373631 -340 Hz
2023-10-02	Monday	05:30	295°	+1°	0 dB	0°	295°	+1°	50°	+19°	3.4dB	365°K	373751 -331 Hz
2023-10-02	Monday	15:30	063°	+2°	0 dB	0°	063°	+2°	194°	+21°	3.4dB	357°K	376205 +203 Hz
2023-10-02	Monday	16:00	067°	+6°	0 dB	0°	067°	+6°	202°	+21°	3.4dB	356°K	376330 +213 Hz
2023-10-02	Monday	16:30	072°	+11°	0 dB	0°	072°	+11°	209°	+21°	3.4dB	355°K	376455 +218 Hz
2023-10-02	Monday	17:00	077°	+16°	0 dB	0°	077°	+16°	216°	+21°	3.4dB	354°K	376580 +219 Hz
2023-10-02	Monday	17:30	082°	+21°	0 dB	0°	082°	+21°	223°	+21°	3.4dB	354°K	376705 +216 Hz
2023-10-02	Monday	18:00	087°	+26°	0 dB	0°	087°	+26°	231°	+21°	3.4dB	353°K	376830 +208 Hz
2023-10-02	Monday	18:30	092°	+31°	0 dB	0°	092°	+31°	238°	+21°	3.4dB	352°K	376956 +196 Hz
2023-10-02	Monday	19:00	097°	+36°	0 dB	0°	097°	+36°	245°	+21°	3.4dB	351°K	377081 +179 Hz
2023-10-02	Monday	19:30	103°	+41°	0 dB	0°	103°	+41°	252°	+21°	3.4dB	350°K	377207 +158 Hz
2023-10-02	Monday	20:00	110°	+46°	0 dB	0°	110°	+46°	259°	+22°	3.4dB	349°K	377333 +134 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-02	Monday	20:30	117°	+51°	0 dB	0°	117°	+51°	267°	+22°	3.4dB	349°K	377459 +106 Hz
2023-10-02	Monday	21:00	126°	+56°	0 dB	0°	126°	+56°	274°	+22°	3.4dB	348°K	377585 +76 Hz
2023-10-02	Monday	21:30	136°	+59°	0 dB	0°	136°	+59°	281°	+22°	3.4dB	348°K	377711 +43 Hz
2023-10-02	Monday	22:00	149°	+63°	0 dB	0°	149°	+63°	288°	+22°	3.4dB	349°K	377838 +8 Hz
2023-10-02	Monday	22:30	163°	+65°	0 dB	0°	163°	+65°	296°	+22°	3.5dB	350°K	377964 -28 Hz
2023-10-02	Monday	23:00	180°	+66°	0 dB	0°	180°	+66°	303°	+22°	3.5dB	351°K	378091 -64 Hz
2023-10-02	Monday	23:30	196°	+65°	0 dB	0°	196°	+65°	310°	+22°	3.5dB	351°K	378217 -101 Hz
2023-10-03	Tuesday	00:00	211°	+63°	0 dB	0°	211°	+63°	317°	+22°	3.5dB	352°K	378344 -137 Hz
2023-10-03	Tuesday	00:30	224°	+60°	0 dB	0°	224°	+60°	325°	+22°	3.5dB	353°K	378471 -171 Hz
2023-10-03	Tuesday	01:00	234°	+56°	0 dB	0°	234°	+56°	332°	+22°	3.5dB	354°K	378598 -204 Hz
2023-10-03	Tuesday	01:30	243°	+52°	0 dB	0°	243°	+52°	339°	+23°	3.5dB	355°K	378725 -234 Hz
2023-10-03	Tuesday	02:00	251°	+47°	0 dB	0°	251°	+47°	346°	+23°	3.6dB	356°K	378852 -261 Hz
2023-10-03	Tuesday	02:30	258°	+43°	0 dB	0°	258°	+43°	353°	+23°	3.6dB	357°K	378979 -285 Hz
2023-10-03	Tuesday	03:00	264°	+38°	0 dB	0°	264°	+38°	1°	+23°	3.6dB	357°K	379106 -305 Hz
2023-10-03	Tuesday	03:30	269°	+33°	0 dB	0°	269°	+33°	8°	+23°	3.6dB	358°K	379233 -321 Hz
2023-10-03	Tuesday	04:00	274°	+28°	0 dB	0°	274°	+28°	15°	+23°	3.6dB	359°K	379361 -333 Hz
2023-10-03	Tuesday	04:30	279°	+23°	0 dB	0°	279°	+23°	22°	+23°	3.6dB	360°K	379488 -340 Hz
2023-10-03	Tuesday	05:00	284°	+18°	0 dB	0°	284°	+18°	30°	+23°	3.6dB	361°K	379615 -343 Hz
2023-10-03	Tuesday	05:30	289°	+13°	0 dB	0°	289°	+13°	37°	+23°	3.7dB	362°K	379743 -342 Hz
2023-10-03	Tuesday	06:00	294°	+8°	0 dB	0°	294°	+8°	44°	+23°	3.7dB	362°K	379870 -336 Hz
2023-10-03	Tuesday	06:30	299°	+4°	0 dB	0°	299°	+4°	51°	+23°	3.7dB	363°K	379998 -326 Hz
2023-10-03	Tuesday	07:00	304°	-0°	0 dB	0°	304°	-0°	58°	+23°	3.7dB	364°K	380125 -312 Hz
2023-10-03	Tuesday	16:00	056°	+1°	0 dB	0°	056°	+1°	189°	+25°	4.0dB	384°K	382421 +182 Hz
2023-10-03	Tuesday	16:30	061°	+6°	0 dB	0°	061°	+6°	196°	+25°	4.0dB	385°K	382548 +195 Hz
2023-10-03	Tuesday	17:00	066°	+10°	0 dB	0°	066°	+10°	203°	+25°	4.0dB	386°K	382675 +204 Hz
2023-10-03	Tuesday	17:30	070°	+15°	0 dB	0°	070°	+15°	210°	+25°	4.1dB	387°K	382802 +209 Hz
2023-10-03	Tuesday	18:00	075°	+20°	0 dB	0°	075°	+20°	217°	+25°	4.1dB	388°K	382929 +209 Hz
2023-10-03	Tuesday	18:30	080°	+25°	0 dB	0°	080°	+25°	225°	+25°	4.1dB	390°K	383056 +205 Hz
2023-10-03	Tuesday	19:00	084°	+30°	0 dB	0°	084°	+30°	232°	+25°	4.1dB	391°K	383183 +196 Hz
2023-10-03	Tuesday	19:30	089°	+35°	0 dB	0°	089°	+35°	239°	+25°	4.1dB	392°K	383310 +184 Hz
2023-10-03	Tuesday	20:00	095°	+40°	0 dB	0°	095°	+40°	246°	+25°	4.1dB	393°K	383437 +167 Hz
2023-10-03	Tuesday	20:30	100°	+45°	0 dB	0°	100°	+45°	254°	+25°	4.2dB	394°K	383563 +146 Hz
2023-10-03	Tuesday	21:00	107°	+50°	0 dB	0°	107°	+50°	261°	+25°	4.2dB	396°K	383690 +122 Hz
2023-10-03	Tuesday	21:30	114°	+55°	0 dB	0°	114°	+55°	268°	+25°	4.2dB	397°K	383816 +95 Hz
2023-10-03	Tuesday	22:00	123°	+59°	0 dB	0°	123°	+59°	275°	+26°	4.2dB	398°K	383943 +65 Hz
2023-10-03	Tuesday	22:30	134°	+63°	0 dB	0°	134°	+63°	282°	+26°	4.2dB	399°K	384069 +33 Hz
2023-10-03	Tuesday	23:00	148°	+67°	0 dB	0°	148°	+67°	290°	+26°	4.2dB	400°K	384195 -1 Hz
2023-10-03	Tuesday	23:30	165°	+69°	0 dB	0°	165°	+69°	297°	+26°	4.3dB	402°K	384321 -36 Hz
2023-10-04	Wednesday	00:00	183°	+69°	0 dB	0°	183°	+69°	304°	+26°	4.3dB	403°K	384447 -72 Hz
2023-10-04	Wednesday	00:30	201°	+68°	0 dB	0°	201°	+68°	311°	+26°	4.3dB	405°K	384573 -107 Hz
2023-10-04	Wednesday	01:00	217°	+66°	0 dB	0°	217°	+66°	319°	+26°	4.3dB	406°K	384699 -141 Hz
2023-10-04	Wednesday	01:30	230°	+62°	0 dB	0°	230°	+62°	326°	+26°	4.3dB	407°K	384824 -175 Hz
2023-10-04	Wednesday	02:00	240°	+58°	0 dB	0°	240°	+58°	333°	+26°	4.4dB	409°K	384950 -206 Hz
2023-10-04	Wednesday	02:30	249°	+54°	0 dB	0°	249°	+54°	340°	+26°	4.4dB	410°K	385075 -234 Hz
2023-10-04	Wednesday	03:00	256°	+49°	0 dB	0°	256°	+49°	348°	+26°	4.4dB	412°K	385200 -260 Hz
2023-10-04	Wednesday	03:30	262°	+44°	0 dB	0°	262°	+44°	355°	+26°	4.4dB	413°K	385325 -283 Hz
2023-10-04	Wednesday	04:00	268°	+39°	0 dB	0°	268°	+39°	2°	+26°	4.4dB	414°K	385450 -302 Hz
2023-10-04	Wednesday	04:30	273°	+34°	0 dB	0°	273°	+34°	9°	+26°	4.5dB	416°K	385575 -316 Hz
2023-10-04	Wednesday	05:00	278°	+29°	0 dB	0°	278°	+29°	16°	+26°	4.5dB	417°K	385699 -327 Hz
2023-10-04	Wednesday	05:30	283°	+24°	0 dB	0°	283°	+24°	24°	+26°	4.5dB	418°K	385824 -334 Hz
2023-10-04	Wednesday	06:00	288°	+19°	0 dB	0°	288°	+19°	31°	+26°	4.5dB	420°K	385948 -336 Hz
2023-10-04	Wednesday	06:30	292°	+14°	0 dB	0°	292°	+14°	38°	+26°	4.5dB	421°K	386072 -333 Hz
2023-10-04	Wednesday	07:00	297°	+10°	0 dB	0°	297°	+10°	45°	+26°	4.5dB	423°K	386196 -327 Hz
2023-10-04	Wednesday	07:30	302°	+6°	0 dB	0°	302°	+6°	53°	+27°	4.6dB	424°K	386320 -317 Hz
2023-10-04	Wednesday	08:00	307°	+1°	0 dB	0°	307°	+1°	60°	+27°	4.6dB	425°K	386443 -302 Hz
2023-10-04	Wednesday	16:30	050°	+0°	0 dB	0°	050°	+0°	183°	+27°	5.0dB	461°K	388512 +166 Hz
2023-10-04	Wednesday	17:00	055°	+4°	0 dB	0°	055°	+4°	190°	+27°	5.0dB	464°K	388632 +182 Hz
2023-10-04	Wednesday	17:30	060°	+8°	0 dB	0°	060°	+8°	197°	+27°	5.0dB	466°K	388751 +194 Hz
2023-10-04	Wednesday	18:00	065°	+13°	0 dB	0°	065°	+13°	204°	+27°	5.1dB	469°K	388871 +202 Hz
2023-10-04	Wednesday	18:30	069°	+17°	0 dB	0°	069°	+17°	211°	+27°	5.1dB	472°K	388990 +206 Hz
2023-10-04	Wednesday	19:00	074°	+22°	0 dB	0°	074°	+22°	219°	+27°	5.1dB	474°K	389108 +206 Hz
2023-10-04	Wednesday	19:30	078°	+27°	0 dB	0°	078°	+27°	226°	+28°	5.1dB	477°K	389227 +202 Hz
2023-10-04	Wednesday	20:00	083°	+32°	0 dB	0°	083°	+32°	233°	+28°	5.2dB	479°K	389345 +193 Hz
2023-10-04	Wednesday	20:30	088°	+37°	0 dB	0°	088°	+37°	240°	+28°	5.2dB	482°K	389463 +180 Hz
2023-10-04	Wednesday	21:00	093°	+42°	0 dB	0°	093°	+42°	248°	+28°	5.2dB	485°K	389580 +163 Hz
2023-10-04	Wednesday	21:30	099°	+47°	0 dB	0°	099°	+47°	255°	+28°	5.2dB	487°K	389698 +143 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-04	Wednesday 22:00	105°	+52°	0 dB	0°	105°	+52°	262°	+28°	5.3dB	490°K	389815	+118 Hz
2023-10-04	Wednesday 22:30	113°	+57°	0 dB	0°	113°	+57°	269°	+28°	5.3dB	492°K	389932	+91 Hz
2023-10-04	Wednesday 23:00	122°	+62°	0 dB	0°	122°	+62°	276°	+28°	5.3dB	495°K	390048	+62 Hz
2023-10-04	Wednesday 23:30	133°	+66°	0 dB	0°	133°	+66°	284°	+28°	5.3dB	498°K	390165	+30 Hz
2023-10-05	Thursday 00:00	148°	+69°	0 dB	0°	148°	+69°	291°	+28°	5.4dB	500°K	390280	-3 Hz
2023-10-05	Thursday 00:30	166°	+71°	0 dB	0°	166°	+71°	298°	+28°	5.4dB	500°K	390396	-38 Hz
2023-10-05	Thursday 01:00	187°	+71°	0 dB	0°	187°	+71°	305°	+28°	5.4dB	500°K	390512	-72 Hz
2023-10-05	Thursday 01:30	206°	+70°	0 dB	0°	206°	+70°	313°	+28°	5.4dB	500°K	390627	-107 Hz
2023-10-05	Thursday 02:00	222°	+67°	0 dB	0°	222°	+67°	320°	+28°	5.4dB	500°K	390741	-140 Hz
2023-10-05	Thursday 02:30	235°	+63°	0 dB	0°	235°	+63°	327°	+28°	5.4dB	500°K	390856	-172 Hz
2023-10-05	Thursday 03:00	244°	+59°	0 dB	0°	244°	+59°	334°	+28°	5.4dB	500°K	390970	-203 Hz
2023-10-05	Thursday 03:30	253°	+54°	0 dB	0°	253°	+54°	341°	+28°	5.4dB	500°K	391084	-231 Hz
2023-10-05	Thursday 04:00	259°	+49°	0 dB	0°	259°	+49°	349°	+28°	5.4dB	500°K	391197	-255 Hz
2023-10-05	Thursday 04:30	265°	+44°	0 dB	0°	265°	+44°	356°	+28°	5.4dB	500°K	391311	-277 Hz
2023-10-05	Thursday 05:00	271°	+39°	0 dB	0°	271°	+39°	3°	+28°	5.4dB	500°K	391423	-295 Hz
2023-10-05	Thursday 05:30	276°	+34°	0 dB	0°	276°	+34°	10°	+28°	5.4dB	500°K	391536	-309 Hz
2023-10-05	Thursday 06:00	280°	+29°	0 dB	0°	280°	+29°	18°	+28°	5.4dB	500°K	391648	-319 Hz
2023-10-05	Thursday 06:30	285°	+24°	0 dB	0°	285°	+24°	25°	+28°	5.4dB	500°K	391760	-325 Hz
2023-10-05	Thursday 07:00	290°	+20°	0 dB	0°	290°	+20°	32°	+28°	5.4dB	500°K	391872	-326 Hz
2023-10-05	Thursday 07:30	294°	+15°	0 dB	0°	294°	+15°	39°	+28°	5.4dB	500°K	391983	-324 Hz
2023-10-05	Thursday 08:00	299°	+10°	0 dB	0°	299°	+10°	46°	+28°	5.4dB	500°K	392094	-317 Hz
2023-10-05	Thursday 08:30	304°	+6°	0 dB	0°	304°	+6°	54°	+28°	5.5dB	500°K	392205	-306 Hz
2023-10-05	Thursday 09:00	309°	+2°	0 dB	0°	309°	+2°	61°	+28°	5.5dB	500°K	392315	-291 Hz
2023-10-05	Thursday 17:30	050°	+1°	0 dB	0°	050°	+1°	184°	+28°	5.3dB	466°K	394134	+174 Hz
2023-10-05	Thursday 18:00	055°	+5°	0 dB	0°	055°	+5°	191°	+28°	5.2dB	462°K	394238	+190 Hz
2023-10-05	Thursday 18:30	060°	+10°	0 dB	0°	060°	+10°	198°	+28°	5.2dB	459°K	394341	+201 Hz
2023-10-05	Thursday 19:00	065°	+14°	0 dB	0°	065°	+14°	205°	+28°	5.2dB	456°K	394444	+209 Hz
2023-10-05	Thursday 19:30	069°	+19°	0 dB	0°	069°	+19°	213°	+28°	5.2dB	452°K	394546	+212 Hz
2023-10-05	Thursday 20:00	074°	+24°	0 dB	0°	074°	+24°	220°	+28°	5.1dB	449°K	394649	+212 Hz
2023-10-05	Thursday 20:30	078°	+29°	0 dB	0°	078°	+29°	227°	+28°	5.1dB	445°K	394750	+207 Hz
2023-10-05	Thursday 21:00	083°	+34°	0 dB	0°	083°	+34°	234°	+28°	5.1dB	442°K	394851	+197 Hz
2023-10-05	Thursday 21:30	088°	+39°	0 dB	0°	088°	+39°	242°	+28°	5.1dB	439°K	394952	+184 Hz
2023-10-05	Thursday 22:00	093°	+44°	0 dB	0°	093°	+44°	249°	+28°	5.0dB	435°K	395053	+167 Hz
2023-10-05	Thursday 22:30	099°	+49°	0 dB	0°	099°	+49°	256°	+28°	5.0dB	432°K	395153	+146 Hz
2023-10-05	Thursday 23:00	106°	+54°	0 dB	0°	106°	+54°	263°	+28°	5.0dB	428°K	395252	+122 Hz
2023-10-05	Thursday 23:30	113°	+58°	0 dB	0°	113°	+58°	270°	+28°	5.0dB	425°K	395352	+94 Hz
2023-10-06	Fri day 00:00	123°	+63°	0 dB	0°	123°	+63°	278°	+28°	4.9dB	422°K	395451	+65 Hz
2023-10-06	Fri day 00:30	135°	+67°	0 dB	0°	135°	+67°	285°	+28°	4.9dB	418°K	395549	+33 Hz
2023-10-06	Fri day 01:00	150°	+70°	0 dB	0°	150°	+70°	292°	+28°	4.9dB	415°K	395647	0 Hz
2023-10-06	Fri day 01:30	170°	+72°	0 dB	0°	170°	+72°	299°	+28°	4.9dB	412°K	395744	-35 Hz
2023-10-06	Fri day 02:00	190°	+72°	0 dB	0°	190°	+72°	307°	+28°	4.9dB	410°K	395842	-69 Hz
2023-10-06	Fri day 02:30	209°	+70°	0 dB	0°	209°	+70°	314°	+28°	4.8dB	409°K	395938	-103 Hz
2023-10-06	Fri day 03:00	225°	+67°	0 dB	0°	225°	+67°	321°	+28°	4.8dB	407°K	396035	-137 Hz
2023-10-06	Fri day 03:30	237°	+63°	0 dB	0°	237°	+63°	328°	+28°	4.8dB	405°K	396130	-168 Hz
2023-10-06	Fri day 04:00	246°	+58°	0 dB	0°	246°	+58°	335°	+28°	4.8dB	404°K	396226	-198 Hz
2023-10-06	Fri day 04:30	254°	+54°	0 dB	0°	254°	+54°	343°	+28°	4.8dB	402°K	396321	-226 Hz
2023-10-06	Fri day 05:00	261°	+49°	0 dB	0°	261°	+49°	350°	+28°	4.8dB	400°K	396415	-250 Hz
2023-10-06	Fri day 05:30	267°	+44°	0 dB	0°	267°	+44°	357°	+28°	4.8dB	399°K	396510	-271 Hz
2023-10-06	Fri day 06:00	272°	+39°	0 dB	0°	272°	+39°	4°	+28°	4.8dB	397°K	396603	-288 Hz
2023-10-06	Fri day 06:30	277°	+33°	0 dB	0°	277°	+33°	12°	+28°	4.7dB	395°K	396697	-302 Hz
2023-10-06	Fri day 07:00	281°	+28°	0 dB	0°	281°	+28°	19°	+28°	4.7dB	394°K	396789	-311 Hz
2023-10-06	Fri day 07:30	286°	+24°	0 dB	0°	286°	+24°	26°	+28°	4.7dB	392°K	396882	-316 Hz
2023-10-06	Fri day 08:00	291°	+19°	0 dB	0°	291°	+19°	33°	+28°	4.7dB	390°K	396974	-317 Hz
2023-10-06	Fri day 08:30	295°	+14°	0 dB	0°	295°	+14°	41°	+28°	4.7dB	388°K	397065	-313 Hz
2023-10-06	Fri day 09:00	300°	+10°	0 dB	0°	300°	+10°	48°	+28°	4.7dB	387°K	397156	-306 Hz
2023-10-06	Fri day 09:30	305°	+5°	0 dB	0°	305°	+5°	55°	+28°	4.7dB	385°K	397247	-294 Hz
2023-10-06	Fri day 10:00	310°	+1°	0 dB	0°	310°	+1°	62°	+28°	4.7dB	383°K	397337	-279 Hz
2023-10-06	Fri day 18:30	052°	+2°	0 dB	0°	052°	+2°	185°	+28°	4.4dB	348°K	398798	+189 Hz
2023-10-06	Fri day 19:00	057°	+6°	0 dB	0°	057°	+6°	192°	+28°	4.3dB	346°K	398880	+204 Hz
2023-10-06	Fri day 19:30	061°	+10°	0 dB	0°	061°	+10°	200°	+28°	4.3dB	343°K	398961	+215 Hz
2023-10-06	Fri day 20:00	066°	+15°	0 dB	0°	066°	+15°	207°	+28°	4.3dB	341°K	399042	+222 Hz
2023-10-06	Fri day 20:30	071°	+19°	0 dB	0°	071°	+19°	214°	+28°	4.3dB	338°K	399122	+225 Hz
2023-10-06	Fri day 21:00	075°	+24°	0 dB	0°	075°	+24°	221°	+28°	4.3dB	336°K	399202	+224 Hz
2023-10-06	Fri day 21:30	080°	+29°	0 dB	0°	080°	+29°	229°	+28°	4.2dB	333°K	399281	+218 Hz
2023-10-06	Fri day 22:00	085°	+34°	0 dB	0°	085°	+34°	236°	+28°	4.2dB	331°K	399360	+208 Hz
2023-10-06	Fri day 22:30	090°	+39°	0 dB	0°	090°	+39°	243°	+27°	4.2dB	328°K	399438	+194 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-06	Fri day	23:00	095°	+44°	0 dB	0°	095°	+44°	250°	+27°	4.2dB	326°K	399516 +176 Hz
2023-10-06	Fri day	23:30	101°	+49°	0 dB	0°	101°	+49°	258°	+27°	4.1dB	324°K	399593 +154 Hz
2023-10-07	Saturday	00:00	108°	+54°	0 dB	0°	108°	+54°	265°	+27°	4.1dB	321°K	399670 +129 Hz
2023-10-07	Saturday	00:30	117°	+59°	0 dB	0°	117°	+59°	272°	+27°	4.1dB	319°K	399747 +101 Hz
2023-10-07	Saturday	01:00	127°	+63°	0 dB	0°	127°	+63°	279°	+27°	4.1dB	316°K	399823 +70 Hz
2023-10-07	Saturday	01:30	140°	+67°	0 dB	0°	140°	+67°	287°	+27°	4.0dB	314°K	399898 +38 Hz
2023-10-07	Saturday	02:00	156°	+70°	0 dB	0°	156°	+70°	294°	+27°	4.0dB	311°K	399973 +4 Hz
2023-10-07	Saturday	02:30	175°	+71°	0 dB	0°	175°	+71°	301°	+27°	4.0dB	309°K	400047 -31 Hz
2023-10-07	Saturday	03:00	194°	+70°	0 dB	0°	194°	+70°	308°	+27°	4.0dB	306°K	400121 -66 Hz
2023-10-07	Saturday	03:30	212°	+68°	0 dB	0°	212°	+68°	316°	+27°	3.9dB	304°K	400194 -100 Hz
2023-10-07	Saturday	04:00	226°	+65°	0 dB	0°	226°	+65°	323°	+27°	3.9dB	301°K	400267 -134 Hz
2023-10-07	Saturday	04:30	238°	+61°	0 dB	0°	238°	+61°	330°	+27°	3.9dB	298°K	400340 -165 Hz
2023-10-07	Saturday	05:00	247°	+56°	0 dB	0°	247°	+56°	337°	+27°	3.8dB	295°K	400412 -195 Hz
2023-10-07	Saturday	05:30	254°	+52°	0 dB	0°	254°	+52°	344°	+27°	3.8dB	292°K	400483 -222 Hz
2023-10-07	Saturday	06:00	261°	+47°	0 dB	0°	261°	+47°	352°	+27°	3.8dB	289°K	400554 -246 Hz
2023-10-07	Saturday	06:30	267°	+42°	0 dB	0°	267°	+42°	359°	+27°	3.7dB	287°K	400624 -267 Hz
2023-10-07	Saturday	07:00	272°	+36°	0 dB	0°	272°	+36°	6°	+27°	3.7dB	284°K	400694 -283 Hz
2023-10-07	Saturday	07:30	277°	+31°	0 dB	0°	277°	+31°	13°	+27°	3.7dB	281°K	400764 -296 Hz
2023-10-07	Saturday	08:00	281°	+26°	0 dB	0°	281°	+26°	21°	+27°	3.6dB	278°K	400832 -304 Hz
2023-10-07	Saturday	08:30	286°	+21°	0 dB	0°	286°	+21°	28°	+27°	3.6dB	275°K	400901 -309 Hz
2023-10-07	Saturday	09:00	291°	+17°	0 dB	0°	291°	+17°	35°	+27°	3.6dB	272°K	400969 -308 Hz
2023-10-07	Saturday	09:30	295°	+12°	0 dB	0°	295°	+12°	42°	+27°	3.5dB	269°K	401036 -304 Hz
2023-10-07	Saturday	10:00	300°	+7°	0 dB	0°	300°	+7°	50°	+27°	3.5dB	266°K	401103 -295 Hz
2023-10-07	Saturday	10:30	305°	+3°	0 dB	0°	305°	+3°	57°	+27°	3.5dB	263°K	401169 -282 Hz
2023-10-07	Saturday	19:30	054°	+1°	0 dB	0°	054°	+1°	187°	+26°	2.9dB	221°K	402275 +211 Hz
2023-10-07	Saturday	20:00	059°	+6°	0 dB	0°	059°	+6°	195°	+26°	2.9dB	220°K	402332 +225 Hz
2023-10-07	Saturday	20:30	064°	+10°	0 dB	0°	064°	+10°	202°	+26°	2.9dB	219°K	402388 +235 Hz
2023-10-07	Saturday	21:00	069°	+15°	0 dB	0°	069°	+15°	209°	+26°	2.9dB	218°K	402443 +241 Hz
2023-10-07	Saturday	21:30	074°	+19°	0 dB	0°	074°	+19°	216°	+25°	2.8dB	217°K	402498 +243 Hz
2023-10-07	Saturday	22:00	079°	+24°	0 dB	0°	079°	+24°	224°	+25°	2.8dB	216°K	402553 +240 Hz
2023-10-07	Saturday	22:30	083°	+29°	0 dB	0°	083°	+29°	231°	+25°	2.8dB	216°K	402607 +233 Hz
2023-10-07	Saturday	23:00	089°	+34°	0 dB	0°	089°	+34°	238°	+25°	2.8dB	215°K	402660 +221 Hz
2023-10-07	Saturday	23:30	094°	+39°	0 dB	0°	094°	+39°	245°	+25°	2.8dB	214°K	402713 +206 Hz
2023-10-08	Sunday	00:00	100°	+44°	0 dB	0°	100°	+44°	253°	+25°	2.8dB	213°K	402765 +186 Hz
2023-10-08	Sunday	00:30	106°	+49°	0 dB	0°	106°	+49°	260°	+25°	2.8dB	212°K	402817 +163 Hz
2023-10-08	Sunday	01:00	114°	+54°	0 dB	0°	114°	+54°	267°	+25°	2.8dB	211°K	402869 +136 Hz
2023-10-08	Sunday	01:30	123°	+59°	0 dB	0°	123°	+59°	274°	+25°	2.8dB	210°K	402920 +107 Hz
2023-10-08	Sunday	02:00	134°	+63°	0 dB	0°	134°	+63°	282°	+25°	2.7dB	209°K	402970 +75 Hz
2023-10-08	Sunday	02:30	147°	+66°	0 dB	0°	147°	+66°	289°	+25°	2.7dB	208°K	403020 +41 Hz
2023-10-08	Sunday	03:00	163°	+68°	0 dB	0°	163°	+68°	296°	+25°	2.7dB	207°K	403069 +6 Hz
2023-10-08	Sunday	03:30	181°	+68°	0 dB	0°	181°	+68°	303°	+25°	2.7dB	206°K	403118 -29 Hz
2023-10-08	Sunday	04:00	199°	+68°	0 dB	0°	199°	+68°	311°	+25°	2.7dB	205°K	403166 -65 Hz
2023-10-08	Sunday	04:30	214°	+65°	0 dB	0°	214°	+65°	318°	+25°	2.7dB	204°K	403213 -100 Hz
2023-10-08	Sunday	05:00	227°	+62°	0 dB	0°	227°	+62°	325°	+25°	2.7dB	204°K	403261 -134 Hz
2023-10-08	Sunday	05:30	238°	+58°	0 dB	0°	238°	+58°	332°	+25°	2.7dB	203°K	403307 -166 Hz
2023-10-08	Sunday	06:00	246°	+53°	0 dB	0°	246°	+53°	340°	+25°	2.6dB	202°K	403353 -195 Hz
2023-10-08	Sunday	06:30	254°	+48°	0 dB	0°	254°	+48°	347°	+24°	2.6dB	201°K	403399 -222 Hz
2023-10-08	Sunday	07:00	260°	+43°	0 dB	0°	260°	+43°	354°	+24°	2.6dB	200°K	403444 -246 Hz
2023-10-08	Sunday	07:30	266°	+38°	0 dB	0°	266°	+38°	1°	+24°	2.6dB	199°K	403489 -265 Hz
2023-10-08	Sunday	08:00	271°	+33°	0 dB	0°	271°	+33°	9°	+24°	2.6dB	198°K	403533 -281 Hz
2023-10-08	Sunday	08:30	276°	+28°	0 dB	0°	276°	+28°	16°	+24°	2.6dB	197°K	403576 -293 Hz
2023-10-08	Sunday	09:00	281°	+23°	0 dB	0°	281°	+23°	23°	+24°	2.6dB	196°K	403619 -300 Hz
2023-10-08	Sunday	09:30	286°	+18°	0 dB	0°	286°	+18°	31°	+24°	2.5dB	195°K	403662 -303 Hz
2023-10-08	Sunday	10:00	290°	+13°	0 dB	0°	290°	+13°	38°	+24°	2.5dB	194°K	403704 -301 Hz
2023-10-08	Sunday	10:30	295°	+8°	0 dB	0°	295°	+8°	45°	+24°	2.5dB	193°K	403745 -295 Hz
2023-10-08	Sunday	11:00	300°	+4°	0 dB	0°	300°	+4°	52°	+24°	2.5dB	193°K	403786 -284 Hz
2023-10-08	Sunday	20:30	058°	+1°	0 dB	0°	058°	+1°	190°	+23°	2.2dB	176°K	404464 +236 Hz
2023-10-08	Sunday	21:00	064°	+5°	0 dB	0°	064°	+5°	198°	+22°	2.2dB	175°K	404495 +249 Hz
2023-10-08	Sunday	21:30	069°	+10°	0 dB	0°	069°	+10°	205°	+22°	2.2dB	174°K	404525 +258 Hz
2023-10-08	Sunday	22:00	074°	+14°	0 dB	0°	074°	+14°	212°	+22°	2.2dB	174°K	404555 +262 Hz
2023-10-08	Sunday	22:30	078°	+19°	0 dB	0°	078°	+19°	219°	+22°	2.2dB	174°K	404584 +262 Hz
2023-10-08	Sunday	23:00	083°	+24°	0 dB	0°	083°	+24°	227°	+22°	2.2dB	174°K	404612 +258 Hz
2023-10-08	Sunday	23:30	088°	+29°	0 dB	0°	088°	+29°	234°	+22°	2.2dB	175°K	404640 +248 Hz
2023-10-09	Monday	00:00	094°	+34°	0 dB	0°	094°	+34°	241°	+22°	2.2dB	175°K	404667 +235 Hz
2023-10-09	Monday	00:30	100°	+39°	0 dB	0°	100°	+39°	248°	+22°	2.2dB	175°K	404694 +217 Hz
2023-10-09	Monday	01:00	106°	+44°	0 dB	0°	106°	+44°	256°	+22°	2.2dB	175°K	404721 +195 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-09	Monday	01:30	113°	+49°	0 dB	0°	113°	+49°	263°	+22°	2.2dB	176°K	404747 +170 Hz
2023-10-09	Monday	02:00	121°	+53°	0 dB	0°	121°	+53°	270°	+22°	2.2dB	176°K	404772 +141 Hz
2023-10-09	Monday	02:30	131°	+57°	0 dB	0°	131°	+57°	278°	+22°	2.2dB	176°K	404797 +110 Hz
2023-10-09	Monday	03:00	143°	+61°	0 dB	0°	143°	+61°	285°	+22°	2.3dB	177°K	404822 +76 Hz
2023-10-09	Monday	03:30	156°	+63°	0 dB	0°	156°	+63°	292°	+21°	2.3dB	177°K	404846 +41 Hz
2023-10-09	Monday	04:00	172°	+65°	0 dB	0°	172°	+65°	299°	+21°	2.3dB	177°K	404869 +4 Hz
2023-10-09	Monday	04:30	188°	+65°	0 dB	0°	188°	+65°	307°	+21°	2.3dB	177°K	404892 -33 Hz
2023-10-09	Monday	05:00	203°	+63°	0 dB	0°	203°	+63°	314°	+21°	2.3dB	178°K	404914 -69 Hz
2023-10-09	Monday	05:30	217°	+61°	0 dB	0°	217°	+61°	321°	+21°	2.3dB	178°K	404936 -105 Hz
2023-10-09	Monday	06:00	228°	+57°	0 dB	0°	228°	+57°	328°	+21°	2.3dB	178°K	404957 -139 Hz
2023-10-09	Monday	06:30	238°	+53°	0 dB	0°	238°	+53°	336°	+21°	2.3dB	179°K	404978 -171 Hz
2023-10-09	Monday	07:00	246°	+48°	0 dB	0°	246°	+48°	343°	+21°	2.3dB	179°K	404999 -200 Hz
2023-10-09	Monday	07:30	253°	+43°	0 dB	0°	253°	+43°	350°	+21°	2.3dB	179°K	405019 -226 Hz
2023-10-09	Monday	08:00	259°	+38°	0 dB	0°	259°	+38°	357°	+21°	2.3dB	180°K	405038 -248 Hz
2023-10-09	Monday	08:30	265°	+33°	0 dB	0°	265°	+33°	5°	+21°	2.3dB	180°K	405057 -267 Hz
2023-10-09	Monday	09:00	270°	+28°	0 dB	0°	270°	+28°	12°	+21°	2.3dB	180°K	405075 -281 Hz
2023-10-09	Monday	09:30	275°	+23°	0 dB	0°	275°	+23°	19°	+20°	2.3dB	180°K	405093 -291 Hz
2023-10-09	Monday	10:00	280°	+18°	0 dB	0°	280°	+18°	27°	+20°	2.4dB	181°K	405110 -296 Hz
2023-10-09	Monday	10:30	285°	+13°	0 dB	0°	285°	+13°	34°	+20°	2.4dB	181°K	405127 -297 Hz
2023-10-09	Monday	11:00	290°	+8°	0 dB	0°	290°	+8°	41°	+20°	2.4dB	181°K	405144 -293 Hz
2023-10-09	Monday	11:30	295°	+3°	0 dB	0°	295°	+3°	48°	+20°	2.4dB	182°K	405160 -285 Hz
2023-10-09	Monday	21:30	064°	-0°	0 dB	0°	064°	-0°	194°	+18°	2.4dB	185°K	405375 +262 Hz
2023-10-09	Monday	22:00	069°	+4°	0 dB	0°	069°	+4°	201°	+18°	2.4dB	185°K	405381 +274 Hz
2023-10-09	Monday	22:30	074°	+9°	0 dB	0°	074°	+9°	209°	+18°	2.4dB	185°K	405386 +280 Hz
2023-10-09	Monday	23:00	079°	+14°	0 dB	0°	079°	+14°	216°	+18°	2.4dB	185°K	405391 +283 Hz
2023-10-09	Monday	23:30	084°	+19°	0 dB	0°	084°	+19°	223°	+18°	2.4dB	185°K	405395 +280 Hz
2023-10-10	Tuesday	00:00	089°	+24°	0 dB	0°	089°	+24°	230°	+18°	2.4dB	185°K	405399 +273 Hz
2023-10-10	Tuesday	00:30	095°	+29°	0 dB	0°	095°	+29°	238°	+18°	2.5dB	186°K	405402 +261 Hz
2023-10-10	Tuesday	01:00	101°	+34°	0 dB	0°	101°	+34°	245°	+18°	2.5dB	186°K	405405 +245 Hz
2023-10-10	Tuesday	01:30	107°	+39°	0 dB	0°	107°	+39°	252°	+18°	2.5dB	186°K	405408 +224 Hz
2023-10-10	Tuesday	02:00	114°	+44°	0 dB	0°	114°	+44°	259°	+17°	2.5dB	186°K	405410 +200 Hz
2023-10-10	Tuesday	02:30	122°	+48°	0 dB	0°	122°	+48°	267°	+17°	2.5dB	186°K	405411 +172 Hz
2023-10-10	Tuesday	03:00	131°	+52°	0 dB	0°	131°	+52°	274°	+17°	2.5dB	186°K	405412 +141 Hz
2023-10-10	Tuesday	03:30	141°	+56°	0 dB	0°	141°	+56°	281°	+17°	2.5dB	186°K	405413 +107 Hz
2023-10-10	Tuesday	04:00	153°	+58°	0 dB	0°	153°	+58°	289°	+17°	2.5dB	186°K	405413 +71 Hz
2023-10-10	Tuesday	04:30	166°	+60°	0 dB	0°	166°	+60°	296°	+17°	2.5dB	187°K	405413 +34 Hz
2023-10-10	Tuesday	05:00	180°	+60°	0 dB	0°	180°	+60°	303°	+17°	2.5dB	187°K	405412 -3 Hz
2023-10-10	Tuesday	05:30	195°	+60°	0 dB	0°	195°	+60°	310°	+17°	2.5dB	187°K	405411 -41 Hz
2023-10-10	Tuesday	06:00	208°	+58°	0 dB	0°	208°	+58°	318°	+17°	2.5dB	188°K	405409 -78 Hz
2023-10-10	Tuesday	06:30	219°	+55°	0 dB	0°	219°	+55°	325°	+17°	2.5dB	188°K	405407 -114 Hz
2023-10-10	Tuesday	07:00	229°	+51°	0 dB	0°	229°	+51°	332°	+17°	2.5dB	188°K	405404 -148 Hz
2023-10-10	Tuesday	07:30	238°	+47°	0 dB	0°	238°	+47°	340°	+16°	2.5dB	188°K	405401 -180 Hz
2023-10-10	Tuesday	08:00	246°	+42°	0 dB	0°	246°	+42°	347°	+16°	2.5dB	189°K	405398 -208 Hz
2023-10-10	Tuesday	08:30	252°	+38°	0 dB	0°	252°	+38°	354°	+16°	2.5dB	189°K	405394 -233 Hz
2023-10-10	Tuesday	09:00	258°	+33°	0 dB	0°	258°	+33°	1°	+16°	2.5dB	189°K	405389 -254 Hz
2023-10-10	Tuesday	09:30	264°	+27°	0 dB	0°	264°	+27°	9°	+16°	2.5dB	189°K	405384 -270 Hz
2023-10-10	Tuesday	10:00	269°	+22°	0 dB	0°	269°	+22°	16°	+16°	2.5dB	190°K	405379 -283 Hz
2023-10-10	Tuesday	10:30	274°	+17°	0 dB	0°	274°	+17°	23°	+16°	2.5dB	190°K	405373 -290 Hz
2023-10-10	Tuesday	11:00	279°	+12°	0 dB	0°	279°	+12°	31°	+16°	2.5dB	190°K	405367 -293 Hz
2023-10-10	Tuesday	11:30	284°	+7°	0 dB	0°	284°	+7°	38°	+16°	2.5dB	191°K	405361 -291 Hz
2023-10-10	Tuesday	12:00	289°	+2°	0 dB	0°	289°	+2°	45°	+16°	2.5dB	191°K	405354 -284 Hz
2023-10-10	Tuesday	23:00	075°	+4°	0 dB	0°	075°	+4°	206°	+13°	2.6dB	197°K	405090 +296 Hz
2023-10-10	Tuesday	23:30	081°	+8°	0 dB	0°	081°	+8°	213°	+13°	2.6dB	197°K	405074 +300 Hz
2023-10-11	Wednesday	00:00	086°	+13°	0 dB	0°	086°	+13°	220°	+13°	2.6dB	197°K	405056 +299 Hz
2023-10-11	Wednesday	00:30	091°	+18°	0 dB	0°	091°	+18°	227°	+13°	2.6dB	197°K	405039 +294 Hz
2023-10-11	Wednesday	01:00	097°	+23°	0 dB	0°	097°	+23°	235°	+13°	2.6dB	198°K	405021 +283 Hz
2023-10-11	Wednesday	01:30	102°	+28°	0 dB	0°	102°	+28°	242°	+13°	2.6dB	198°K	405003 +268 Hz
2023-10-11	Wednesday	02:00	109°	+33°	0 dB	0°	109°	+33°	249°	+13°	2.6dB	198°K	404984 +249 Hz
2023-10-11	Wednesday	02:30	115°	+38°	0 dB	0°	115°	+38°	257°	+13°	2.7dB	199°K	404965 +226 Hz
2023-10-11	Wednesday	03:00	123°	+42°	0 dB	0°	123°	+42°	264°	+12°	2.7dB	199°K	404945 +198 Hz
2023-10-11	Wednesday	03:30	131°	+46°	0 dB	0°	131°	+46°	271°	+12°	2.7dB	199°K	404925 +167 Hz
2023-10-11	Wednesday	04:00	141°	+50°	0 dB	0°	141°	+50°	278°	+12°	2.7dB	199°K	404905 +134 Hz
2023-10-11	Wednesday	04:30	151°	+53°	0 dB	0°	151°	+53°	286°	+12°	2.7dB	200°K	404884 +98 Hz
2023-10-11	Wednesday	05:00	163°	+54°	0 dB	0°	163°	+54°	293°	+12°	2.7dB	200°K	404863 +60 Hz
2023-10-11	Wednesday	05:30	175°	+55°	0 dB	0°	175°	+55°	300°	+12°	2.7dB	200°K	404842 +22 Hz
2023-10-11	Wednesday	06:00	188°	+55°	0 dB	0°	188°	+55°	308°	+12°	2.7dB	200°K	404820 -17 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-11	Wednesday06:30	200°	+54°	0 dB	0°	200°	+54°	315°	+12°	2.7dB	201°K	404797	-55 Hz
2023-10-11	Wednesday07:00	212°	+51°	0 dB	0°	212°	+51°	322°	+12°	2.7dB	201°K	404775	-92 Hz
2023-10-11	Wednesday07:30	222°	+48°	0 dB	0°	222°	+48°	330°	+11°	2.7dB	201°K	404752	-128 Hz
2023-10-11	Wednesday08:00	231°	+44°	0 dB	0°	231°	+44°	337°	+11°	2.7dB	201°K	404728	-161 Hz
2023-10-11	Wednesday08:30	238°	+40°	0 dB	0°	238°	+40°	344°	+11°	2.7dB	202°K	404705	-191 Hz
2023-10-11	Wednesday09:00	245°	+36°	0 dB	0°	245°	+36°	351°	+11°	2.7dB	202°K	404680	-218 Hz
2023-10-11	Wednesday09:30	252°	+31°	0 dB	0°	252°	+31°	359°	+11°	2.7dB	202°K	404656	-241 Hz
2023-10-11	Wednesday10:00	258°	+26°	0 dB	0°	258°	+26°	6°	+11°	2.7dB	202°K	404631	-260 Hz
2023-10-11	Wednesday10:30	263°	+21°	0 dB	0°	263°	+21°	13°	+11°	2.7dB	203°K	404606	-274 Hz
2023-10-11	Wednesday11:00	269°	+15°	0 dB	0°	269°	+15°	21°	+11°	2.7dB	203°K	404580	-283 Hz
2023-10-11	Wednesday11:30	274°	+10°	0 dB	0°	274°	+10°	28°	+11°	2.7dB	203°K	404554	-288 Hz
2023-10-11	Wednesday12:00	279°	+5°	0 dB	0°	279°	+5°	35°	+10°	2.7dB	204°K	404528	-288 Hz
2023-10-11	Wednesday12:30	284°	+0°	0 dB	0°	284°	+0°	42°	+10°	2.7dB	204°K	404501	-283 Hz
2023-10-12	Thursday 00:00	083°	+3°	0 dB	0°	083°	+3°	210°	+8°	2.8dB	210°K	403789	+313 Hz
2023-10-12	Thursday 00:30	088°	+8°	0 dB	0°	088°	+8°	218°	+8°	2.8dB	210°K	403755	+314 Hz
2023-10-12	Thursday 01:00	093°	+13°	0 dB	0°	093°	+13°	225°	+8°	2.8dB	210°K	403719	+310 Hz
2023-10-12	Thursday 01:30	099°	+18°	0 dB	0°	099°	+18°	232°	+7°	2.8dB	211°K	403684	+301 Hz
2023-10-12	Thursday 02:00	105°	+23°	0 dB	0°	105°	+23°	239°	+7°	2.8dB	211°K	403648	+287 Hz
2023-10-12	Thursday 02:30	111°	+27°	0 dB	0°	111°	+27°	247°	+7°	2.8dB	211°K	403611	+269 Hz
2023-10-12	Thursday 03:00	117°	+32°	0 dB	0°	117°	+32°	254°	+7°	2.8dB	211°K	403575	+246 Hz
2023-10-12	Thursday 03:30	124°	+36°	0 dB	0°	124°	+36°	261°	+7°	2.8dB	212°K	403538	+220 Hz
2023-10-12	Thursday 04:00	132°	+40°	0 dB	0°	132°	+40°	269°	+7°	2.8dB	212°K	403501	+189 Hz
2023-10-12	Thursday 04:30	141°	+44°	0 dB	0°	141°	+44°	276°	+7°	2.8dB	212°K	403463	+156 Hz
2023-10-12	Thursday 05:00	150°	+46°	0 dB	0°	150°	+46°	283°	+7°	2.8dB	212°K	403426	+120 Hz
2023-10-12	Thursday 05:30	161°	+48°	0 dB	0°	161°	+48°	291°	+6°	2.8dB	213°K	403388	+83 Hz
2023-10-12	Thursday 06:00	172°	+50°	0 dB	0°	172°	+50°	298°	+6°	2.8dB	214°K	403349	+44 Hz
2023-10-12	Thursday 06:30	183°	+50°	0 dB	0°	183°	+50°	305°	+6°	2.8dB	215°K	403310	+5 Hz
2023-10-12	Thursday 07:00	194°	+49°	0 dB	0°	194°	+49°	312°	+6°	2.9dB	217°K	403271	-35 Hz
2023-10-12	Thursday 07:30	205°	+47°	0 dB	0°	205°	+47°	320°	+6°	2.9dB	218°K	403232	-73 Hz
2023-10-12	Thursday 08:00	215°	+44°	0 dB	0°	215°	+44°	327°	+6°	2.9dB	220°K	403193	-110 Hz
2023-10-12	Thursday 08:30	224°	+41°	0 dB	0°	224°	+41°	334°	+6°	2.9dB	221°K	403153	-144 Hz
2023-10-12	Thursday 09:00	232°	+37°	0 dB	0°	232°	+37°	342°	+6°	3.0dB	223°K	403112	-176 Hz
2023-10-12	Thursday 09:30	239°	+33°	0 dB	0°	239°	+33°	349°	+6°	3.0dB	224°K	403072	-204 Hz
2023-10-12	Thursday 10:00	246°	+28°	0 dB	0°	246°	+28°	356°	+5°	3.0dB	225°K	403031	-229 Hz
2023-10-12	Thursday 10:30	252°	+23°	0 dB	0°	252°	+23°	4°	+5°	3.0dB	227°K	402990	-249 Hz
2023-10-12	Thursday 11:00	257°	+18°	0 dB	0°	257°	+18°	11°	+5°	3.0dB	228°K	402949	-265 Hz
2023-10-12	Thursday 11:30	263°	+13°	0 dB	0°	263°	+13°	18°	+5°	3.1dB	230°K	402907	-276 Hz
2023-10-12	Thursday 12:00	268°	+8°	0 dB	0°	268°	+8°	25°	+5°	3.1dB	231°K	402865	-282 Hz
2023-10-12	Thursday 12:30	273°	+3°	0 dB	0°	273°	+3°	33°	+5°	3.1dB	232°K	402823	-283 Hz
2023-10-13	Fri day 01:00	090°	+2°	0 dB	0°	090°	+2°	215°	+2°	3.6dB	269°K	401682	+322 Hz
2023-10-13	Fri day 01:30	096°	+7°	0 dB	0°	096°	+7°	222°	+2°	3.6dB	270°K	401633	+320 Hz
2023-10-13	Fri day 02:00	101°	+12°	0 dB	0°	101°	+12°	230°	+2°	3.6dB	272°K	401584	+312 Hz
2023-10-13	Fri day 02:30	107°	+17°	0 dB	0°	107°	+17°	237°	+2°	3.6dB	273°K	401535	+300 Hz
2023-10-13	Fri day 03:00	113°	+21°	0 dB	0°	113°	+21°	244°	+1°	3.6dB	275°K	401485	+283 Hz
2023-10-13	Fri day 03:30	119°	+26°	0 dB	0°	119°	+26°	252°	+1°	3.6dB	276°K	401435	+262 Hz
2023-10-13	Fri day 04:00	126°	+30°	0 dB	0°	126°	+30°	259°	+1°	3.7dB	278°K	401385	+236 Hz
2023-10-13	Fri day 04:30	133°	+34°	0 dB	0°	133°	+34°	266°	+1°	3.7dB	279°K	401335	+207 Hz
2023-10-13	Fri day 05:00	141°	+37°	0 dB	0°	141°	+37°	274°	+1°	3.7dB	281°K	401284	+174 Hz
2023-10-13	Fri day 05:30	150°	+40°	0 dB	0°	150°	+40°	281°	+1°	3.7dB	282°K	401233	+139 Hz
2023-10-13	Fri day 06:00	160°	+42°	0 dB	0°	160°	+42°	288°	+1°	3.7dB	284°K	401183	+102 Hz
2023-10-13	Fri day 06:30	169°	+43°	0 dB	0°	169°	+43°	295°	+1°	3.8dB	286°K	401131	+63 Hz
2023-10-13	Fri day 07:00	180°	+44°	0 dB	0°	180°	+44°	303°	+0°	3.8dB	287°K	401080	+24 Hz
2023-10-13	Fri day 07:30	190°	+43°	0 dB	0°	190°	+43°	310°	+0°	3.8dB	289°K	401028	-16 Hz
2023-10-13	Fri day 08:00	200°	+42°	0 dB	0°	200°	+42°	317°	+0°	3.8dB	290°K	400976	-55 Hz
2023-10-13	Fri day 08:30	209°	+40°	0 dB	0°	209°	+40°	325°	+0°	3.8dB	292°K	400924	-92 Hz
2023-10-13	Fri day 09:00	218°	+37°	0 dB	0°	218°	+37°	332°	-0°	3.8dB	293°K	400872	-127 Hz
2023-10-13	Fri day 09:30	225°	+33°	0 dB	0°	225°	+33°	339°	-0°	3.9dB	295°K	400820	-160 Hz
2023-10-13	Fri day 10:00	233°	+29°	0 dB	0°	233°	+29°	347°	-0°	3.9dB	296°K	400767	-190 Hz
2023-10-13	Fri day 10:30	239°	+25°	0 dB	0°	239°	+25°	354°	-0°	3.9dB	298°K	400714	-215 Hz
2023-10-13	Fri day 11:00	246°	+20°	0 dB	0°	246°	+20°	1°	-0°	3.9dB	300°K	400661	-237 Hz
2023-10-13	Fri day 11:30	251°	+15°	0 dB	0°	251°	+15°	8°	-1°	3.9dB	301°K	400608	-254 Hz
2023-10-13	Fri day 12:00	257°	+10°	0 dB	0°	257°	+10°	16°	-1°	3.9dB	303°K	400554	-267 Hz
2023-10-13	Fri day 12:30	262°	+5°	0 dB	0°	262°	+5°	23°	-1°	3.9dB	304°K	400501	-275 Hz
2023-10-13	Fri day 13:00	267°	+0°	0 dB	0°	267°	+0°	30°	-1°	4.0dB	306°K	400447	-277 Hz
2023-10-14	Saturday 02:00	098°	+1°	0 dB	0°	098°	+1°	220°	-4°	4.0dB	SUN!	398981	+325 Hz
2023-10-14	Saturday 02:30	103°	+6°	0 dB	0°	103°	+6°	227°	-4°	4.0dB	SUN!	398922	+319 Hz

Moon Data for TODD GRIGSBY in Locator : N85I x on 144 MHz with TODD GRIGSBY in Locator : N85I x

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-14	Saturday	03:00	109°	+11°	0 dB	0°	109°	+11°	235°	-4°	4.0dB	SUN!	398863 +308 Hz
2023-10-14	Saturday	03:30	115°	+15°	0 dB	0°	115°	+15°	242°	-4°	4.0dB	SUN!	398804 +292 Hz
2023-10-14	Saturday	04:00	121°	+20°	0 dB	0°	121°	+20°	249°	-5°	4.0dB	SUN!	398745 +272 Hz
2023-10-14	Saturday	04:30	127°	+24°	0 dB	0°	127°	+24°	256°	-5°	4.0dB	SUN!	398686 +248 Hz
2023-10-14	Saturday	05:00	134°	+28°	0 dB	0°	134°	+28°	264°	-5°	4.0dB	SUN!	398626 +220 Hz
2023-10-14	Saturday	05:30	142°	+31°	0 dB	0°	142°	+31°	271°	-5°	4.0dB	SUN!	398566 +189 Hz
2023-10-14	Saturday	06:00	150°	+34°	0 dB	0°	150°	+34°	278°	-5°	4.0dB	SUN!	398507 +155 Hz
2023-10-14	Saturday	06:30	158°	+36°	0 dB	0°	158°	+36°	286°	-5°	4.0dB	SUN!	398447 +118 Hz
2023-10-14	Saturday	07:00	167°	+37°	0 dB	0°	167°	+37°	293°	-5°	4.0dB	SUN!	398387 +80 Hz
2023-10-14	Saturday	07:30	176°	+38°	0 dB	0°	176°	+38°	300°	-5°	4.0dB	SUN!	398327 +41 Hz
2023-10-14	Saturday	08:00	186°	+38°	0 dB	0°	186°	+38°	308°	-6°	4.0dB	SUN!	398266 +2 Hz
2023-10-14	Saturday	08:30	195°	+37°	0 dB	0°	195°	+37°	315°	-6°	3.9dB	SUN!	398206 -37 Hz
2023-10-14	Saturday	09:00	204°	+35°	0 dB	0°	204°	+35°	322°	-6°	3.9dB	SUN!	398145 -74 Hz
2023-10-14	Saturday	09:30	212°	+32°	0 dB	0°	212°	+32°	329°	-6°	3.9dB	SUN!	398084 -110 Hz
2023-10-14	Saturday	10:00	220°	+29°	0 dB	0°	220°	+29°	337°	-6°	3.9dB	SUN!	398023 -143 Hz
2023-10-14	Saturday	10:30	227°	+26°	0 dB	0°	227°	+26°	344°	-6°	3.9dB	SUN!	397962 -173 Hz
2023-10-14	Saturday	11:00	233°	+22°	0 dB	0°	233°	+22°	351°	-6°	3.9dB	SUN!	397901 -200 Hz
2023-10-14	Saturday	11:30	240°	+17°	0 dB	0°	240°	+17°	359°	-6°	3.9dB	SUN!	397840 -223 Hz
2023-10-14	Saturday	12:00	245°	+13°	0 dB	0°	245°	+13°	6°	-7°	3.9dB	SUN!	397778 -242 Hz
2023-10-14	Saturday	12:30	251°	+8°	0 dB	0°	251°	+8°	13°	-7°	3.9dB	SUN!	397717 -256 Hz
2023-10-14	Saturday	13:00	256°	+3°	0 dB	0°	256°	+3°	20°	-7°	3.9dB	SUN!	397655 -265 Hz
2023-10-15	Sunday	03:00	105°	-0°	0 dB	0°	105°	-0°	225°	-10°	3.8dB	SUN!	395880 +320 Hz
2023-10-15	Sunday	03:30	111°	+4°	0 dB	0°	111°	+4°	232°	-10°	3.8dB	SUN!	395815 +311 Hz
2023-10-15	Sunday	04:00	116°	+9°	0 dB	0°	116°	+9°	239°	-10°	3.8dB	SUN!	395750 +297 Hz
2023-10-15	Sunday	04:30	122°	+13°	0 dB	0°	122°	+13°	246°	-10°	3.8dB	SUN!	395685 +279 Hz
2023-10-15	Sunday	05:00	128°	+17°	0 dB	0°	128°	+17°	254°	-11°	3.8dB	SUN!	395620 +257 Hz
2023-10-15	Sunday	05:30	135°	+21°	0 dB	0°	135°	+21°	261°	-11°	3.8dB	SUN!	395555 +231 Hz
2023-10-15	Sunday	06:00	142°	+24°	0 dB	0°	142°	+24°	268°	-11°	3.8dB	SUN!	395489 +201 Hz
2023-10-15	Sunday	06:30	149°	+27°	0 dB	0°	149°	+27°	275°	-11°	3.8dB	SUN!	395424 +169 Hz
2023-10-15	Sunday	07:00	157°	+29°	0 dB	0°	157°	+29°	283°	-11°	3.8dB	SUN!	395358 +134 Hz
2023-10-15	Sunday	07:30	165°	+31°	0 dB	0°	165°	+31°	290°	-11°	3.8dB	SUN!	395292 +97 Hz
2023-10-15	Sunday	08:00	173°	+32°	0 dB	0°	173°	+32°	297°	-11°	3.8dB	SUN!	395227 +59 Hz
2023-10-15	Sunday	08:30	182°	+32°	0 dB	0°	182°	+32°	305°	-11°	3.9dB	SUN!	395161 +21 Hz
2023-10-15	Sunday	09:00	190°	+31°	0 dB	0°	190°	+31°	312°	-11°	3.8dB	SUN!	395095 -17 Hz
2023-10-15	Sunday	09:30	199°	+30°	0 dB	0°	199°	+30°	319°	-12°	3.9dB	SUN!	395029 -55 Hz
2023-10-15	Sunday	10:00	206°	+28°	0 dB	0°	206°	+28°	326°	-12°	3.9dB	SUN!	394963 -90 Hz
2023-10-15	Sunday	10:30	214°	+25°	0 dB	0°	214°	+25°	334°	-12°	3.9dB	SUN!	394897 -124 Hz
2023-10-15	Sunday	11:00	221°	+22°	0 dB	0°	221°	+22°	341°	-12°	3.9dB	SUN!	394831 -155 Hz
2023-10-15	Sunday	11:30	227°	+18°	0 dB	0°	227°	+18°	348°	-12°	3.9dB	SUN!	394764 -182 Hz
2023-10-15	Sunday	12:00	234°	+14°	0 dB	0°	234°	+14°	356°	-12°	3.9dB	SUN!	394698 -206 Hz
2023-10-15	Sunday	12:30	239°	+10°	0 dB	0°	239°	+10°	3°	-12°	3.9dB	321°K	394631 -226 Hz
2023-10-15	Sunday	13:00	245°	+5°	0 dB	0°	245°	+5°	10°	-12°	3.9dB	322°K	394565 -241 Hz
2023-10-15	Sunday	13:30	250°	+1°	0 dB	0°	250°	+1°	17°	-12°	3.9dB	323°K	394498 -252 Hz
2023-10-16	Monday	04:30	117°	+3°	0 dB	0°	117°	+3°	236°	-16°	4.2dB	355°K	392469 +299 Hz
2023-10-16	Monday	05:00	123°	+7°	0 dB	0°	123°	+7°	243°	-16°	4.2dB	356°K	392400 +283 Hz
2023-10-16	Monday	05:30	129°	+11°	0 dB	0°	129°	+11°	250°	-16°	4.2dB	357°K	392331 +263 Hz
2023-10-16	Monday	06:00	135°	+15°	0 dB	0°	135°	+15°	257°	-16°	4.2dB	358°K	392263 +240 Hz
2023-10-16	Monday	06:30	141°	+18°	0 dB	0°	141°	+18°	265°	-16°	4.2dB	360°K	392194 +212 Hz
2023-10-16	Monday	07:00	148°	+21°	0 dB	0°	148°	+21°	272°	-16°	4.2dB	361°K	392125 +182 Hz
2023-10-16	Monday	07:30	155°	+23°	0 dB	0°	155°	+23°	279°	-16°	4.2dB	362°K	392057 +149 Hz
2023-10-16	Monday	08:00	162°	+25°	0 dB	0°	162°	+25°	287°	-17°	4.2dB	363°K	391988 +114 Hz
2023-10-16	Monday	08:30	170°	+26°	0 dB	0°	170°	+26°	294°	-17°	4.2dB	364°K	391919 +78 Hz
2023-10-16	Monday	09:00	178°	+26°	0 dB	0°	178°	+26°	301°	-17°	4.2dB	365°K	391850 +41 Hz
2023-10-16	Monday	09:30	186°	+26°	0 dB	0°	186°	+26°	308°	-17°	4.2dB	366°K	391781 +4 Hz
2023-10-16	Monday	10:00	193°	+25°	0 dB	0°	193°	+25°	316°	-17°	4.3dB	367°K	391712 -33 Hz
2023-10-16	Monday	10:30	201°	+24°	0 dB	0°	201°	+24°	323°	-17°	4.3dB	368°K	391643 -68 Hz
2023-10-16	Monday	11:00	208°	+21°	0 dB	0°	208°	+21°	330°	-17°	4.3dB	369°K	391574 -102 Hz
2023-10-16	Monday	11:30	215°	+19°	0 dB	0°	215°	+19°	337°	-17°	4.3dB	370°K	391504 -133 Hz
2023-10-16	Monday	12:00	221°	+15°	0 dB	0°	221°	+15°	345°	-17°	4.3dB	371°K	391435 -161 Hz
2023-10-16	Monday	12:30	227°	+12°	0 dB	0°	227°	+12°	352°	-17°	4.3dB	372°K	391366 -186 Hz
2023-10-16	Monday	13:00	233°	+8°	0 dB	0°	233°	+8°	359°	-18°	4.3dB	373°K	391297 -207 Hz
2023-10-16	Monday	13:30	239°	+4°	0 dB	0°	239°	+4°	6°	-18°	4.3dB	374°K	391227 -224 Hz
2023-10-17	Tuesday	05:30	123°	+1°	0 dB	0°	123°	+1°	239°	-21°	4.5dB	406°K	388990 +286 Hz
2023-10-17	Tuesday	06:00	128°	+5°	0 dB	0°	128°	+5°	246°	-21°	4.5dB	407°K	388919 +269 Hz
2023-10-17	Tuesday	06:30	134°	+8°	0 dB	0°	134°	+8°	253°	-21°	4.5dB	408°K	388849 +248 Hz
2023-10-17	Tuesday	07:00	140°	+12°	0 dB	0°	140°	+12°	260°	-21°	4.5dB	409°K	388778 +224 Hz



Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-17	Tuesday	07:30	146°	+15°	0 dB	0°	146°	+15°	268°	-21°	4.5dB	410°K	388708 +197 Hz
2023-10-17	Tuesday	08:00	152°	+17°	0 dB	0°	152°	+17°	275°	-21°	4.5dB	411°K	388637 +166 Hz
2023-10-17	Tuesday	08:30	159°	+19°	0 dB	0°	159°	+19°	282°	-21°	4.5dB	412°K	388567 +134 Hz
2023-10-17	Tuesday	09:00	166°	+21°	0 dB	0°	166°	+21°	289°	-21°	4.6dB	413°K	388496 +99 Hz
2023-10-17	Tuesday	09:30	174°	+21°	0 dB	0°	174°	+21°	297°	-21°	4.6dB	414°K	388426 +64 Hz
2023-10-17	Tuesday	10:00	181°	+22°	0 dB	0°	181°	+22°	304°	-22°	4.6dB	415°K	388355 +28 Hz
2023-10-17	Tuesday	10:30	188°	+21°	0 dB	0°	188°	+21°	311°	-22°	4.6dB	415°K	388284 -7 Hz
2023-10-17	Tuesday	11:00	195°	+20°	0 dB	0°	195°	+20°	318°	-22°	4.6dB	416°K	388214 -42 Hz
2023-10-17	Tuesday	11:30	202°	+18°	0 dB	0°	202°	+18°	326°	-22°	4.6dB	418°K	388143 -76 Hz
2023-10-17	Tuesday	12:00	209°	+16°	0 dB	0°	209°	+16°	333°	-22°	4.6dB	420°K	388072 -107 Hz
2023-10-17	Tuesday	12:30	215°	+13°	0 dB	0°	215°	+13°	340°	-22°	4.6dB	422°K	388002 -136 Hz
2023-10-17	Tuesday	13:00	221°	+10°	0 dB	0°	221°	+10°	347°	-22°	4.6dB	425°K	387931 -162 Hz
2023-10-17	Tuesday	13:30	227°	+6°	0 dB	0°	227°	+6°	355°	-22°	4.7dB	427°K	387860 -185 Hz
2023-10-17	Tuesday	14:00	233°	+3°	0 dB	0°	233°	+3°	2°	-22°	4.7dB	429°K	387789 -204 Hz
2023-10-18	Wednesday	07:00	132°	+2°	0 dB	0°	132°	+2°	248°	-25°	5.5dB	541°K	385371 +258 Hz
2023-10-18	Wednesday	07:30	137°	+6°	0 dB	0°	137°	+6°	255°	-25°	5.5dB	546°K	385299 +237 Hz
2023-10-18	Wednesday	08:00	143°	+9°	0 dB	0°	143°	+9°	262°	-25°	5.5dB	552°K	385228 +212 Hz
2023-10-18	Wednesday	08:30	149°	+12°	0 dB	0°	149°	+12°	270°	-25°	5.6dB	557°K	385157 +185 Hz
2023-10-18	Wednesday	09:00	156°	+14°	0 dB	0°	156°	+14°	277°	-25°	5.6dB	562°K	385085 +155 Hz
2023-10-18	Wednesday	09:30	162°	+16°	0 dB	0°	162°	+16°	284°	-25°	5.6dB	567°K	385014 +124 Hz
2023-10-18	Wednesday	10:00	169°	+17°	0 dB	0°	169°	+17°	291°	-25°	5.7dB	572°K	384942 +90 Hz
2023-10-18	Wednesday	10:30	176°	+18°	0 dB	0°	176°	+18°	298°	-25°	5.7dB	577°K	384871 +56 Hz
2023-10-18	Wednesday	11:00	183°	+18°	0 dB	0°	183°	+18°	306°	-25°	5.7dB	582°K	384799 +22 Hz
2023-10-18	Wednesday	11:30	189°	+17°	0 dB	0°	189°	+17°	313°	-25°	5.7dB	587°K	384728 -12 Hz
2023-10-18	Wednesday	12:00	196°	+16°	0 dB	0°	196°	+16°	320°	-25°	5.8dB	592°K	384656 -46 Hz
2023-10-18	Wednesday	12:30	203°	+14°	0 dB	0°	203°	+14°	327°	-25°	5.8dB	598°K	384585 -78 Hz
2023-10-18	Wednesday	13:00	209°	+12°	0 dB	0°	209°	+12°	335°	-26°	5.8dB	603°K	384513 -108 Hz
2023-10-18	Wednesday	13:30	215°	+9°	0 dB	0°	215°	+9°	342°	-26°	5.9dB	608°K	384442 -135 Hz
2023-10-18	Wednesday	14:00	221°	+6°	0 dB	0°	221°	+6°	349°	-26°	5.9dB	618°K	384370 -159 Hz
2023-10-18	Wednesday	14:30	226°	+3°	0 dB	0°	226°	+3°	356°	-26°	6.0dB	628°K	384299 -181 Hz
2023-10-19	Thursday	08:00	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	8.6dB	1235°K	381791 +251 Hz
2023-10-19	Thursday	08:30	139°	+4°	0 dB	0°	139°	+4°	256°	-27°	8.7dB	1266°K	381719 +230 Hz
2023-10-19	Thursday	09:00	145°	+7°	0 dB	0°	145°	+7°	263°	-27°	8.8dB	1296°K	381647 +206 Hz
2023-10-19	Thursday	09:30	151°	+10°	0 dB	0°	151°	+10°	270°	-27°	8.9dB	1327°K	381575 +180 Hz
2023-10-19	Thursday	10:00	157°	+12°	0 dB	0°	157°	+12°	278°	-28°	9.0dB	1358°K	381504 +150 Hz
2023-10-19	Thursday	10:30	163°	+14°	0 dB	0°	163°	+14°	285°	-28°	9.1dB	1388°K	381432 +119 Hz
2023-10-19	Thursday	11:00	170°	+15°	0 dB	0°	170°	+15°	292°	-28°	9.2dB	1419°K	381360 +87 Hz
2023-10-19	Thursday	11:30	177°	+15°	0 dB	0°	177°	+15°	299°	-28°	9.3dB	1450°K	381289 +54 Hz
2023-10-19	Thursday	12:00	183°	+15°	0 dB	0°	183°	+15°	307°	-28°	9.4dB	1481°K	381217 +20 Hz
2023-10-19	Thursday	12:30	190°	+15°	0 dB	0°	190°	+15°	314°	-28°	9.4dB	1511°K	381145 -13 Hz
2023-10-19	Thursday	13:00	196°	+14°	0 dB	0°	196°	+14°	321°	-28°	9.5dB	1542°K	381073 -45 Hz
2023-10-19	Thursday	13:30	203°	+12°	0 dB	0°	203°	+12°	328°	-28°	9.6dB	1573°K	381002 -76 Hz
2023-10-19	Thursday	14:00	209°	+10°	0 dB	0°	209°	+10°	335°	-28°	9.7dB	1604°K	380930 -105 Hz
2023-10-19	Thursday	14:30	215°	+7°	0 dB	0°	215°	+7°	343°	-28°	9.8dB	1668°K	380858 -132 Hz
2023-10-19	Thursday	15:00	220°	+4°	0 dB	0°	220°	+4°	350°	-28°	10.0dB	1739°K	380787 -155 Hz
2023-10-19	Thursday	15:30	226°	+0°	0 dB	0°	226°	+0°	357°	-28°	10.2dB	1811°K	380715 -176 Hz
2023-10-20	Friday	09:00	135°	+0°	0 dB	0°	135°	+0°	249°	-28°	11.5dB	2571°K	378215 +250 Hz
2023-10-20	Friday	09:30	140°	+3°	0 dB	0°	140°	+3°	256°	-28°	11.5dB	2519°K	378144 +229 Hz
2023-10-20	Friday	10:00	146°	+7°	0 dB	0°	146°	+7°	263°	-28°	11.4dB	2467°K	378073 +206 Hz
2023-10-20	Friday	10:30	151°	+9°	0 dB	0°	151°	+9°	271°	-28°	11.3dB	2415°K	378002 +179 Hz
2023-10-20	Friday	11:00	157°	+11°	0 dB	0°	157°	+11°	278°	-28°	11.2dB	2362°K	377931 +150 Hz
2023-10-20	Friday	11:30	164°	+13°	0 dB	0°	164°	+13°	285°	-28°	11.1dB	2310°K	377860 +120 Hz
2023-10-20	Friday	12:00	170°	+14°	0 dB	0°	170°	+14°	292°	-28°	11.0dB	2258°K	377789 +88 Hz
2023-10-20	Friday	12:30	177°	+15°	0 dB	0°	177°	+15°	299°	-28°	10.9dB	2206°K	377718 +55 Hz
2023-10-20	Friday	13:00	183°	+15°	0 dB	0°	183°	+15°	307°	-28°	10.8dB	2154°K	377647 +21 Hz
2023-10-20	Friday	13:30	190°	+14°	0 dB	0°	190°	+14°	314°	-28°	10.7dB	2101°K	377576 -12 Hz
2023-10-20	Friday	14:00	196°	+13°	0 dB	0°	196°	+13°	321°	-28°	10.5dB	2049°K	377505 -44 Hz
2023-10-20	Friday	14:30	203°	+11°	0 dB	0°	203°	+11°	328°	-28°	10.4dB	1997°K	377435 -75 Hz
2023-10-20	Friday	15:00	209°	+9°	0 dB	0°	209°	+9°	335°	-28°	10.3dB	1945°K	377364 -103 Hz
2023-10-20	Friday	15:30	215°	+7°	0 dB	0°	215°	+7°	343°	-28°	10.2dB	1892°K	377293 -130 Hz
2023-10-20	Friday	16:00	220°	+4°	0 dB	0°	220°	+4°	350°	-28°	10.1dB	1840°K	377223 -153 Hz
2023-10-20	Friday	16:30	225°	+0°	0 dB	0°	225°	+0°	357°	-28°	10.0dB	1788°K	377152 -174 Hz
2023-10-21	Saturday	10:00	134°	+1°	0 dB	0°	134°	+1°	249°	-27°	5.4dB	609°K	374713 +252 Hz
2023-10-21	Saturday	10:30	139°	+4°	0 dB	0°	139°	+4°	256°	-27°	5.3dB	594°K	374644 +232 Hz
2023-10-21	Saturday	11:00	145°	+7°	0 dB	0°	145°	+7°	263°	-27°	5.2dB	579°K	374576 +208 Hz
2023-10-21	Saturday	11:30	151°	+10°	0 dB	0°	151°	+10°	271°	-27°	5.1dB	564°K	374507 +182 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-21	Saturday	12:00	157°	+12°	0 dB	0°	157°	+12°	278°	-27°	5.0dB	549°K	374439 +153 Hz
2023-10-21	Saturday	12:30	163°	+14°	0 dB	0°	163°	+14°	285°	-27°	4.9dB	534°K	374371 +122 Hz
2023-10-21	Saturday	13:00	170°	+15°	0 dB	0°	170°	+15°	292°	-27°	4.8dB	521°K	374303 +89 Hz
2023-10-21	Saturday	13:30	177°	+16°	0 dB	0°	177°	+16°	299°	-27°	4.7dB	514°K	374235 +56 Hz
2023-10-21	Saturday	14:00	183°	+16°	0 dB	0°	183°	+16°	307°	-27°	4.7dB	508°K	374167 +22 Hz
2023-10-21	Saturday	14:30	190°	+15°	0 dB	0°	190°	+15°	314°	-27°	4.6dB	501°K	374099 -12 Hz
2023-10-21	Saturday	15:00	197°	+14°	0 dB	0°	197°	+14°	321°	-27°	4.6dB	495°K	374031 -44 Hz
2023-10-21	Saturday	15:30	203°	+13°	0 dB	0°	203°	+13°	328°	-27°	4.5dB	488°K	373964 -75 Hz
2023-10-21	Saturday	16:00	209°	+10°	0 dB	0°	209°	+10°	335°	-27°	4.5dB	482°K	373896 -105 Hz
2023-10-21	Saturday	16:30	215°	+8°	0 dB	0°	215°	+8°	343°	-27°	4.4dB	475°K	373828 -132 Hz
2023-10-21	Saturday	17:00	221°	+5°	0 dB	0°	221°	+5°	350°	-27°	4.4dB	469°K	373761 -156 Hz
2023-10-21	Saturday	17:30	226°	+1°	0 dB	0°	226°	+1°	357°	-27°	4.3dB	462°K	373694 -177 Hz
2023-10-22	Sunday	11:00	133°	+3°	0 dB	0°	133°	+3°	249°	-25°	3.0dB	332°K	371413 +256 Hz
2023-10-22	Sunday	11:30	138°	+7°	0 dB	0°	138°	+7°	256°	-25°	2.9dB	330°K	371351 +235 Hz
2023-10-22	Sunday	12:00	144°	+10°	0 dB	0°	144°	+10°	264°	-24°	2.9dB	328°K	371288 +211 Hz
2023-10-22	Sunday	12:30	150°	+13°	0 dB	0°	150°	+13°	271°	-24°	2.9dB	326°K	371226 +183 Hz
2023-10-22	Sunday	13:00	156°	+15°	0 dB	0°	156°	+15°	278°	-24°	2.9dB	326°K	371164 +154 Hz
2023-10-22	Sunday	13:30	163°	+17°	0 dB	0°	163°	+17°	285°	-24°	2.9dB	326°K	371102 +122 Hz
2023-10-22	Sunday	14:00	170°	+18°	0 dB	0°	170°	+18°	292°	-24°	2.9dB	326°K	371040 +88 Hz
2023-10-22	Sunday	14:30	177°	+19°	0 dB	0°	177°	+19°	300°	-24°	2.9dB	326°K	370978 +54 Hz
2023-10-22	Sunday	15:00	184°	+19°	0 dB	0°	184°	+19°	307°	-24°	2.9dB	326°K	370917 +19 Hz
2023-10-22	Sunday	15:30	191°	+18°	0 dB	0°	191°	+18°	314°	-24°	2.9dB	326°K	370855 -16 Hz
2023-10-22	Sunday	16:00	198°	+17°	0 dB	0°	198°	+17°	321°	-24°	2.9dB	326°K	370794 -50 Hz
2023-10-22	Sunday	16:30	204°	+16°	0 dB	0°	204°	+16°	328°	-24°	2.9dB	326°K	370733 -82 Hz
2023-10-22	Sunday	17:00	211°	+13°	0 dB	0°	211°	+13°	336°	-24°	2.9dB	326°K	370672 -112 Hz
2023-10-22	Sunday	17:30	217°	+11°	0 dB	0°	217°	+11°	343°	-24°	2.9dB	326°K	370612 -140 Hz
2023-10-22	Sunday	18:00	223°	+7°	0 dB	0°	223°	+7°	350°	-24°	2.8dB	326°K	370552 -165 Hz
2023-10-22	Sunday	18:30	228°	+4°	0 dB	0°	228°	+4°	357°	-23°	2.8dB	326°K	370491 -187 Hz
2023-10-22	Sunday	19:00	234°	+0°	0 dB	0°	234°	+0°	5°	-23°	2.8dB	326°K	370431 -205 Hz
2023-10-23	Monday	11:30	125°	+3°	0 dB	0°	125°	+3°	243°	-20°	2.8dB	326°K	368571 +276 Hz
2023-10-23	Monday	12:00	131°	+7°	0 dB	0°	131°	+7°	250°	-20°	2.8dB	326°K	368519 +258 Hz
2023-10-23	Monday	12:30	136°	+11°	0 dB	0°	136°	+11°	257°	-20°	2.8dB	326°K	368467 +236 Hz
2023-10-23	Monday	13:00	143°	+14°	0 dB	0°	143°	+14°	264°	-20°	2.7dB	326°K	368415 +210 Hz
2023-10-23	Monday	13:30	149°	+17°	0 dB	0°	149°	+17°	272°	-20°	2.7dB	325°K	368364 +181 Hz
2023-10-23	Monday	14:00	156°	+20°	0 dB	0°	156°	+20°	279°	-20°	2.7dB	324°K	368313 +150 Hz
2023-10-23	Monday	14:30	163°	+22°	0 dB	0°	163°	+22°	286°	-20°	2.7dB	323°K	368262 +116 Hz
2023-10-23	Monday	15:00	170°	+23°	0 dB	0°	170°	+23°	293°	-20°	2.7dB	322°K	368211 +81 Hz
2023-10-23	Monday	15:30	177°	+24°	0 dB	0°	177°	+24°	301°	-19°	2.7dB	321°K	368161 +45 Hz
2023-10-23	Monday	16:00	185°	+24°	0 dB	0°	185°	+24°	308°	-19°	2.7dB	319°K	368111 +9 Hz
2023-10-23	Monday	16:30	192°	+23°	0 dB	0°	192°	+23°	315°	-19°	2.6dB	318°K	368061 -27 Hz
2023-10-23	Monday	17:00	200°	+22°	0 dB	0°	200°	+22°	322°	-19°	2.6dB	317°K	368012 -62 Hz
2023-10-23	Monday	17:30	207°	+20°	0 dB	0°	207°	+20°	329°	-19°	2.6dB	316°K	367962 -96 Hz
2023-10-23	Monday	18:00	214°	+17°	0 dB	0°	214°	+17°	337°	-19°	2.6dB	315°K	367914 -127 Hz
2023-10-23	Monday	18:30	220°	+14°	0 dB	0°	220°	+14°	344°	-19°	2.6dB	313°K	367865 -156 Hz
2023-10-23	Monday	19:00	226°	+11°	0 dB	0°	226°	+11°	351°	-19°	2.6dB	312°K	367817 -181 Hz
2023-10-23	Monday	19:30	232°	+7°	0 dB	0°	232°	+7°	358°	-19°	2.5dB	311°K	367769 -203 Hz
2023-10-23	Monday	20:00	238°	+3°	0 dB	0°	238°	+3°	6°	-18°	2.5dB	310°K	367721 -222 Hz
2023-10-24	Tuesday	11:30	112°	-0°	0 dB	0°	112°	-0°	230°	-15°	1.8dB	258°K	366406 +302 Hz
2023-10-24	Tuesday	12:00	117°	+4°	0 dB	0°	117°	+4°	237°	-15°	1.8dB	256°K	366370 +290 Hz
2023-10-24	Tuesday	12:30	123°	+9°	0 dB	0°	123°	+9°	244°	-15°	1.8dB	254°K	366333 +274 Hz
2023-10-24	Tuesday	13:00	129°	+13°	0 dB	0°	129°	+13°	251°	-14°	1.7dB	252°K	366297 +254 Hz
2023-10-24	Tuesday	13:30	135°	+17°	0 dB	0°	135°	+17°	259°	-14°	1.7dB	250°K	366262 +230 Hz
2023-10-24	Tuesday	14:00	141°	+20°	0 dB	0°	141°	+20°	266°	-14°	1.7dB	248°K	366227 +203 Hz
2023-10-24	Tuesday	14:30	148°	+23°	0 dB	0°	148°	+23°	273°	-14°	1.6dB	246°K	366192 +172 Hz
2023-10-24	Tuesday	15:00	155°	+26°	0 dB	0°	155°	+26°	280°	-14°	1.6dB	244°K	366158 +139 Hz
2023-10-24	Tuesday	15:30	163°	+28°	0 dB	0°	163°	+28°	288°	-14°	1.6dB	243°K	366124 +103 Hz
2023-10-24	Tuesday	16:00	171°	+29°	0 dB	0°	171°	+29°	295°	-14°	1.6dB	243°K	366090 +66 Hz
2023-10-24	Tuesday	16:30	179°	+30°	0 dB	0°	179°	+30°	302°	-14°	1.6dB	243°K	366057 +29 Hz
2023-10-24	Tuesday	17:00	187°	+29°	0 dB	0°	187°	+29°	309°	-13°	1.6dB	243°K	366024 -9 Hz
2023-10-24	Tuesday	17:30	195°	+29°	0 dB	0°	195°	+29°	317°	-13°	1.6dB	243°K	365992 -46 Hz
2023-10-24	Tuesday	18:00	203°	+27°	0 dB	0°	203°	+27°	324°	-13°	1.6dB	243°K	365960 -83 Hz
2023-10-24	Tuesday	18:30	211°	+25°	0 dB	0°	211°	+25°	331°	-13°	1.6dB	243°K	365928 -117 Hz
2023-10-24	Tuesday	19:00	218°	+22°	0 dB	0°	218°	+22°	338°	-13°	1.6dB	243°K	365897 -149 Hz
2023-10-24	Tuesday	19:30	225°	+19°	0 dB	0°	225°	+19°	346°	-13°	1.6dB	243°K	365866 -178 Hz
2023-10-24	Tuesday	20:00	231°	+15°	0 dB	0°	231°	+15°	353°	-13°	1.6dB	243°K	365836 -204 Hz
2023-10-24	Tuesday	20:30	237°	+11°	0 dB	0°	237°	+11°	0°	-12°	1.6dB	243°K	365806 -226 Hz

Moon Data for TODD GRIGSBY in Locator : N85Lx on 144 MHz with TODD GRIGSBY in Locator : N85Lx

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler
2023-10-24	Tuesday 21:00	243°	+7°	0 dB	0°	243°	+7°	7°	-12°	1.6dB	243°K	365777	-243 Hz
2023-10-24	Tuesday 21:30	248°	+3°	0 dB	0°	248°	+3°	15°	-12°	1.6dB	243°K	365748	-257 Hz
2023-10-25	Wednesday 12:00	104°	+1°	0 dB	0°	104°	+1°	225°	-8°	1.5dB	241°K	365101	+305 Hz
2023-10-25	Wednesday 12:30	109°	+6°	0 dB	0°	109°	+6°	232°	-8°	1.5dB	241°K	365085	+296 Hz
2023-10-25	Wednesday 13:00	115°	+11°	0 dB	0°	115°	+11°	239°	-8°	1.5dB	240°K	365071	+283 Hz
2023-10-25	Wednesday 13:30	121°	+15°	0 dB	0°	121°	+15°	246°	-8°	1.5dB	240°K	365056	+265 Hz
2023-10-25	Wednesday 14:00	127°	+20°	0 dB	0°	127°	+20°	254°	-8°	1.5dB	240°K	365043	+243 Hz
2023-10-25	Wednesday 14:30	133°	+24°	0 dB	0°	133°	+24°	261°	-8°	1.5dB	240°K	365029	+217 Hz
2023-10-25	Wednesday 15:00	140°	+27°	0 dB	0°	140°	+27°	268°	-7°	1.5dB	240°K	365016	+187 Hz
2023-10-25	Wednesday 15:30	147°	+30°	0 dB	0°	147°	+30°	275°	-7°	1.5dB	240°K	365004	+154 Hz
2023-10-25	Wednesday 16:00	155°	+33°	0 dB	0°	155°	+33°	283°	-7°	1.5dB	240°K	364992	+119 Hz
2023-10-25	Wednesday 16:30	164°	+35°	0 dB	0°	164°	+35°	290°	-7°	1.5dB	239°K	364981	+82 Hz
2023-10-25	Wednesday 17:00	173°	+36°	0 dB	0°	173°	+36°	297°	-7°	1.5dB	239°K	364970	+44 Hz
2023-10-25	Wednesday 17:30	182°	+36°	0 dB	0°	182°	+36°	304°	-7°	1.5dB	239°K	364960	+5 Hz
2023-10-25	Wednesday 18:00	191°	+36°	0 dB	0°	191°	+36°	312°	-7°	1.5dB	239°K	364950	-34 Hz
2023-10-25	Wednesday 18:30	200°	+35°	0 dB	0°	200°	+35°	319°	-6°	1.5dB	239°K	364941	-72 Hz
2023-10-25	Wednesday 19:00	208°	+33°	0 dB	0°	208°	+33°	326°	-6°	1.5dB	239°K	364932	-109 Hz
2023-10-25	Wednesday 19:30	216°	+30°	0 dB	0°	216°	+30°	333°	-6°	1.5dB	239°K	364924	-144 Hz
2023-10-25	Wednesday 20:00	224°	+27°	0 dB	0°	224°	+27°	341°	-6°	1.5dB	239°K	364916	-176 Hz
2023-10-25	Wednesday 20:30	230°	+24°	0 dB	0°	230°	+24°	348°	-6°	1.5dB	239°K	364909	-204 Hz
2023-10-25	Wednesday 21:00	237°	+20°	0 dB	0°	237°	+20°	355°	-6°	1.5dB	239°K	364902	-229 Hz
2023-10-25	Wednesday 21:30	243°	+15°	0 dB	0°	243°	+15°	2°	-6°	1.5dB	239°K	364896	-250 Hz
2023-10-25	Wednesday 22:00	249°	+11°	0 dB	0°	249°	+11°	10°	-5°	1.5dB	239°K	364891	-267 Hz
2023-10-25	Wednesday 22:30	255°	+6°	0 dB	0°	255°	+6°	17°	-5°	1.5dB	239°K	364885	-279 Hz
2023-10-25	Wednesday 23:00	260°	+1°	0 dB	0°	260°	+1°	24°	-5°	1.5dB	239°K	364881	-287 Hz
2023-10-26	Thursday 12:30	096°	+3°	0 dB	0°	096°	+3°	220°	-1°	1.6dB	248°K	364961	+299 Hz
2023-10-26	Thursday 13:00	101°	+8°	0 dB	0°	101°	+8°	227°	-1°	1.6dB	249°K	364971	+293 Hz
2023-10-26	Thursday 13:30	106°	+13°	0 dB	0°	106°	+13°	234°	-1°	1.6dB	249°K	364983	+282 Hz
2023-10-26	Thursday 14:00	112°	+18°	0 dB	0°	112°	+18°	242°	-1°	1.6dB	250°K	364994	+267 Hz
2023-10-26	Thursday 14:30	118°	+23°	0 dB	0°	118°	+23°	249°	-1°	1.6dB	251°K	365007	+247 Hz
2023-10-26	Thursday 15:00	124°	+27°	0 dB	0°	124°	+27°	256°	-1°	1.7dB	251°K	365020	+223 Hz
2023-10-26	Thursday 15:30	131°	+31°	0 dB	0°	131°	+31°	263°	-0°	1.7dB	252°K	365033	+195 Hz
2023-10-26	Thursday 16:00	139°	+35°	0 dB	0°	139°	+35°	271°	-0°	1.7dB	253°K	365047	+164 Hz
2023-10-26	Thursday 16:30	147°	+38°	0 dB	0°	147°	+38°	278°	-0°	1.7dB	253°K	365062	+129 Hz
2023-10-26	Thursday 17:00	156°	+41°	0 dB	0°	156°	+41°	285°	-0°	1.7dB	254°K	365077	+93 Hz
2023-10-26	Thursday 17:30	165°	+42°	0 dB	0°	165°	+42°	292°	+0°	1.7dB	254°K	365093	+55 Hz
2023-10-26	Thursday 18:00	175°	+43°	0 dB	0°	175°	+43°	300°	+0°	1.7dB	255°K	365109	+15 Hz
2023-10-26	Thursday 18:30	186°	+44°	0 dB	0°	186°	+44°	307°	+0°	1.7dB	256°K	365126	-24 Hz
2023-10-26	Thursday 19:00	196°	+43°	0 dB	0°	196°	+43°	314°	+1°	1.7dB	256°K	365144	-63 Hz
2023-10-26	Thursday 19:30	205°	+41°	0 dB	0°	205°	+41°	321°	+1°	1.7dB	257°K	365162	-102 Hz
2023-10-26	Thursday 20:00	214°	+39°	0 dB	0°	214°	+39°	329°	+1°	1.8dB	258°K	365180	-138 Hz
2023-10-26	Thursday 20:30	223°	+36°	0 dB	0°	223°	+36°	336°	+1°	1.8dB	258°K	365199	-172 Hz
2023-10-26	Thursday 21:00	230°	+32°	0 dB	0°	230°	+32°	343°	+1°	1.8dB	259°K	365219	-203 Hz
2023-10-26	Thursday 21:30	237°	+28°	0 dB	0°	237°	+28°	350°	+1°	1.8dB	259°K	365240	-231 Hz
2023-10-26	Thursday 22:00	244°	+24°	0 dB	0°	244°	+24°	358°	+1°	1.8dB	260°K	365261	-255 Hz
2023-10-26	Thursday 22:30	250°	+19°	0 dB	0°	250°	+19°	5°	+2°	1.8dB	261°K	365282	-274 Hz
2023-10-26	Thursday 23:00	256°	+15°	0 dB	0°	256°	+15°	12°	+2°	1.8dB	261°K	365304	-289 Hz
2023-10-26	Thursday 23:30	261°	+10°	0 dB	0°	261°	+10°	19°	+2°	1.8dB	262°K	365327	-300 Hz
2023-10-27	Fri day 00:00	267°	+5°	0 dB	0°	267°	+5°	27°	+2°	1.8dB	263°K	365350	-305 Hz
2023-10-27	Fri day 00:30	272°	-0°	0 dB	0°	272°	-0°	34°	+2°	1.8dB	263°K	365374	-306 Hz
2023-10-27	Fri day 12:30	083°	-0°	0 dB	0°	083°	-0°	208°	+6°	2.1dB	278°K	366119	+283 Hz
2023-10-27	Fri day 13:00	088°	+5°	0 dB	0°	088°	+5°	215°	+6°	2.1dB	279°K	366157	+284 Hz
2023-10-27	Fri day 13:30	093°	+10°	0 dB	0°	093°	+10°	223°	+6°	2.1dB	279°K	366196	+281 Hz
2023-10-27	Fri day 14:00	098°	+15°	0 dB	0°	098°	+15°	230°	+6°	2.1dB	280°K	366236	+274 Hz
2023-10-27	Fri day 14:30	103°	+20°	0 dB	0°	103°	+20°	237°	+6°	2.1dB	281°K	366276	+261 Hz
2023-10-27	Fri day 15:00	109°	+25°	0 dB	0°	109°	+25°	244°	+6°	2.1dB	281°K	366316	+244 Hz
2023-10-27	Fri day 15:30	115°	+30°	0 dB	0°	115°	+30°	252°	+6°	2.1dB	282°K	366357	+222 Hz
2023-10-27	Fri day 16:00	122°	+34°	0 dB	0°	122°	+34°	259°	+7°	2.1dB	282°K	366399	+197 Hz
2023-10-27	Fri day 16:30	129°	+39°	0 dB	0°	129°	+39°	266°	+7°	2.1dB	283°K	366441	+168 Hz
2023-10-27	Fri day 17:00	138°	+42°	0 dB	0°	138°	+42°	273°	+7°	2.2dB	284°K	366484	+135 Hz
2023-10-27	Fri day 17:30	147°	+46°	0 dB	0°	147°	+46°	281°	+7°	2.2dB	284°K	366528	+100 Hz
2023-10-27	Fri day 18:00	157°	+48°	0 dB	0°	157°	+48°	288°	+7°	2.2dB	285°K	366572	+63 Hz
2023-10-27	Fri day 18:30	167°	+50°	0 dB	0°	167°	+50°	295°	+7°	2.2dB	286°K	366616	+24 Hz
2023-10-27	Fri day 19:00	179°	+51°	0 dB	0°	179°	+51°	302°	+7°	2.2dB	286°K	366662	-15 Hz
2023-10-27	Fri day 19:30	190°	+50°	0 dB	0°	190°	+50°	310°	+8°	2.2dB	287°K	366707	-54 Hz
2023-10-27	Fri day 20:00	201°	+49°	0 dB	0°	201°	+49°	317°	+8°	2.2dB	288°K	366754	-93 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDZ	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-10-27	Fri day	20: 30	212°	+47°	0 dB	0°	212°	+47°	324°	+8°	2. 2dB	288°K	366801	-130 Hz
2023-10-27	Fri day	21: 00	221°	+44°	0 dB	0°	221°	+44°	331°	+8°	2. 2dB	289°K	366848	-166 Hz
2023-10-27	Fri day	21: 30	230°	+41°	0 dB	0°	230°	+41°	339°	+8°	2. 2dB	289°K	366896	-199 Hz
2023-10-27	Fri day	22: 00	238°	+37°	0 dB	0°	238°	+37°	346°	+8°	2. 3dB	290°K	366945	-228 Hz
2023-10-27	Fri day	22: 30	245°	+32°	0 dB	0°	245°	+32°	353°	+8°	2. 3dB	291°K	366994	-254 Hz
2023-10-27	Fri day	23: 00	251°	+28°	0 dB	0°	251°	+28°	0°	+8°	2. 3dB	291°K	367044	-276 Hz
2023-10-27	Fri day	23: 30	257°	+23°	0 dB	0°	257°	+23°	8°	+9°	2. 3dB	292°K	367094	-294 Hz
2023-10-28	Saturday	00: 00	263°	+18°	0 dB	0°	263°	+18°	15°	+9°	2. 3dB	293°K	367145	-307 Hz
2023-10-28	Saturday	00: 30	268°	+13°	0 dB	0°	268°	+13°	22°	+9°	2. 3dB	293°K	367196	-316 Hz
2023-10-28	Saturday	01: 00	274°	+8°	0 dB	0°	274°	+8°	29°	+9°	2. 3dB	294°K	367248	-319 Hz
2023-10-28	Saturday	01: 30	279°	+3°	0 dB	0°	279°	+3°	37°	+9°	2. 3dB	294°K	367301	-318 Hz
2023-10-28	Saturday	13: 00	075°	+1°	0 dB	0°	075°	+1°	203°	+12°	2. 5dB	302°K	368663	+259 Hz
2023-10-28	Saturday	13: 30	080°	+6°	0 dB	0°	080°	+6°	210°	+12°	2. 5dB	302°K	368728	+264 Hz
2023-10-28	Saturday	14: 00	085°	+11°	0 dB	0°	085°	+11°	218°	+12°	2. 5dB	303°K	368795	+264 Hz
2023-10-28	Saturday	14: 30	090°	+16°	0 dB	0°	090°	+16°	225°	+13°	2. 5dB	303°K	368861	+259 Hz
2023-10-28	Saturday	15: 00	095°	+21°	0 dB	0°	095°	+21°	232°	+13°	2. 5dB	303°K	368929	+250 Hz
2023-10-28	Saturday	15: 30	100°	+27°	0 dB	0°	100°	+27°	239°	+13°	2. 5dB	304°K	368996	+236 Hz
2023-10-28	Saturday	16: 00	106°	+32°	0 dB	0°	106°	+32°	247°	+13°	2. 5dB	304°K	369065	+217 Hz
2023-10-28	Saturday	16: 30	112°	+37°	0 dB	0°	112°	+37°	254°	+13°	2. 6dB	306°K	369134	+195 Hz
2023-10-28	Saturday	17: 00	119°	+41°	0 dB	0°	119°	+41°	261°	+13°	2. 6dB	308°K	369203	+168 Hz
2023-10-28	Saturday	17: 30	127°	+46°	0 dB	0°	127°	+46°	268°	+13°	2. 6dB	309°K	369273	+138 Hz
2023-10-28	Saturday	18: 00	136°	+50°	0 dB	0°	136°	+50°	276°	+14°	2. 6dB	311°K	369343	+106 Hz
2023-10-28	Saturday	18: 30	146°	+53°	0 dB	0°	146°	+53°	283°	+14°	2. 6dB	313°K	369414	+70 Hz
2023-10-28	Saturday	19: 00	157°	+55°	0 dB	0°	157°	+55°	290°	+14°	2. 7dB	314°K	369485	+34 Hz
2023-10-28	Saturday	19: 30	170°	+57°	0 dB	0°	170°	+57°	297°	+14°	2. 7dB	316°K	369557	-5 Hz
2023-10-28	Saturday	20: 00	183°	+57°	0 dB	0°	183°	+57°	305°	+14°	2. 7dB	317°K	369630	-43 Hz
2023-10-28	Saturday	20: 30	196°	+57°	0 dB	0°	196°	+57°	312°	+14°	2. 7dB	319°K	369703	-82 Hz
2023-10-28	Saturday	21: 00	208°	+55°	0 dB	0°	208°	+55°	319°	+14°	2. 8dB	321°K	369776	-119 Hz
2023-10-28	Saturday	21: 30	219°	+52°	0 dB	0°	219°	+52°	326°	+14°	2. 8dB	322°K	369850	-155 Hz
2023-10-28	Saturday	22: 00	229°	+49°	0 dB	0°	229°	+49°	334°	+15°	2. 8dB	324°K	369924	-189 Hz
2023-10-28	Saturday	22: 30	238°	+45°	0 dB	0°	238°	+45°	341°	+15°	2. 8dB	325°K	369999	-220 Hz
2023-10-28	Saturday	23: 00	245°	+40°	0 dB	0°	245°	+40°	348°	+15°	2. 8dB	327°K	370075	-248 Hz
2023-10-28	Saturday	23: 30	252°	+36°	0 dB	0°	252°	+36°	355°	+15°	2. 9dB	329°K	370151	-272 Hz
2023-10-29	Sunday	00: 00	258°	+31°	0 dB	0°	258°	+31°	3°	+15°	2. 9dB	330°K	370227	-292 Hz
2023-10-29	Sunday	00: 30	264°	+26°	0 dB	0°	264°	+26°	10°	+15°	2. 9dB	332°K	370304	-308 Hz
2023-10-29	Sunday	01: 00	269°	+21°	0 dB	0°	269°	+21°	17°	+15°	2. 9dB	334°K	370381	-319 Hz
2023-10-29	Sunday	01: 30	275°	+16°	0 dB	0°	275°	+16°	24°	+15°	2. 9dB	335°K	370459	-326 Hz
2023-10-29	Sunday	02: 00	280°	+11°	0 dB	0°	280°	+11°	31°	+15°	3. 0dB	337°K	370537	-328 Hz
2023-10-29	Sunday	02: 30	285°	+6°	0 dB	0°	285°	+6°	39°	+16°	3. 0dB	338°K	370616	-325 Hz
2023-10-29	Sunday	03: 00	290°	+2°	0 dB	0°	290°	+2°	46°	+16°	3. 0dB	340°K	370695	-318 Hz
2023-10-29	Sunday	13: 30	067°	+2°	0 dB	0°	067°	+2°	198°	+18°	3. 3dB	361°K	372465	+232 Hz
2023-10-29	Sunday	14: 00	072°	+7°	0 dB	0°	072°	+7°	205°	+18°	3. 3dB	362°K	372554	+240 Hz
2023-10-29	Sunday	14: 30	077°	+12°	0 dB	0°	077°	+12°	212°	+18°	3. 3dB	363°K	372643	+243 Hz
2023-10-29	Sunday	15: 00	081°	+17°	0 dB	0°	081°	+17°	220°	+18°	3. 4dB	364°K	372733	+242 Hz
2023-10-29	Sunday	15: 30	086°	+22°	0 dB	0°	086°	+22°	227°	+19°	3. 4dB	364°K	372823	+236 Hz
2023-10-29	Sunday	16: 00	091°	+27°	0 dB	0°	091°	+27°	234°	+19°	3. 4dB	365°K	372914	+226 Hz
2023-10-29	Sunday	16: 30	097°	+32°	0 dB	0°	097°	+32°	241°	+19°	3. 4dB	366°K	373005	+211 Hz
2023-10-29	Sunday	17: 00	103°	+37°	0 dB	0°	103°	+37°	249°	+19°	3. 4dB	367°K	373096	+192 Hz
2023-10-29	Sunday	17: 30	109°	+42°	0 dB	0°	109°	+42°	256°	+19°	3. 4dB	368°K	373188	+169 Hz
2023-10-29	Sunday	18: 00	116°	+47°	0 dB	0°	116°	+47°	263°	+19°	3. 4dB	369°K	373281	+142 Hz
2023-10-29	Sunday	18: 30	124°	+51°	0 dB	0°	124°	+51°	270°	+19°	3. 4dB	369°K	373373	+112 Hz
2023-10-29	Sunday	19: 00	133°	+56°	0 dB	0°	133°	+56°	278°	+19°	3. 4dB	368°K	373466	+80 Hz
2023-10-29	Sunday	19: 30	144°	+59°	0 dB	0°	144°	+59°	285°	+19°	3. 4dB	367°K	373560	+45 Hz
2023-10-29	Sunday	20: 00	157°	+62°	0 dB	0°	157°	+62°	292°	+20°	3. 4dB	367°K	373653	+9 Hz
2023-10-29	Sunday	20: 30	172°	+63°	0 dB	0°	172°	+63°	299°	+20°	3. 4dB	366°K	373748	-28 Hz
2023-10-29	Sunday	21: 00	187°	+63°	0 dB	0°	187°	+63°	306°	+20°	3. 4dB	365°K	373842	-65 Hz
2023-10-29	Sunday	21: 30	202°	+62°	0 dB	0°	202°	+62°	314°	+20°	3. 4dB	364°K	373937	-102 Hz
2023-10-29	Sunday	22: 00	215°	+60°	0 dB	0°	215°	+60°	321°	+20°	3. 4dB	363°K	374032	-138 Hz
2023-10-29	Sunday	22: 30	227°	+56°	0 dB	0°	227°	+56°	328°	+20°	3. 4dB	362°K	374128	-173 Hz
2023-10-29	Sunday	23: 00	237°	+52°	0 dB	0°	237°	+52°	335°	+20°	3. 4dB	362°K	374224	-205 Hz
2023-10-29	Sunday	23: 30	245°	+48°	0 dB	0°	245°	+48°	343°	+20°	3. 4dB	361°K	374320	-234 Hz
2023-10-30	Monday	00: 00	252°	+43°	0 dB	0°	252°	+43°	350°	+20°	3. 4dB	360°K	374417	-260 Hz
2023-10-30	Monday	00: 30	259°	+39°	0 dB	0°	259°	+39°	357°	+20°	3. 4dB	359°K	374514	-282 Hz
2023-10-30	Monday	01: 00	264°	+34°	0 dB	0°	264°	+34°	4°	+21°	3. 4dB	358°K	374611	-301 Hz
2023-10-30	Monday	01: 30	270°	+29°	0 dB	0°	270°	+29°	12°	+21°	3. 4dB	357°K	374709	-315 Hz
2023-10-30	Monday	02: 00	275°	+24°	0 dB	0°	275°	+24°	19°	+21°	3. 4dB	357°K	374807	-325 Hz

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2023-10-30	Monday	02:30	280°	+19°	0 dB	0°	280°	+19°	26°	+21°	3.4dB	356°K	374906	-330 Hz
2023-10-30	Monday	03:00	285°	+14°	0 dB	0°	285°	+14°	33°	+21°	3.4dB	355°K	375004	-331 Hz
2023-10-30	Monday	03:30	290°	+9°	0 dB	0°	290°	+9°	40°	+21°	3.4dB	354°K	375103	-327 Hz
2023-10-30	Monday	04:00	295°	+5°	0 dB	0°	295°	+5°	48°	+21°	3.4dB	353°K	375203	-319 Hz
2023-10-30	Monday	04:30	300°	+0°	0 dB	0°	300°	+0°	55°	+21°	3.4dB	352°K	375302	-307 Hz
2023-10-30	Monday	14:00	060°	+2°	0 dB	0°	060°	+2°	192°	+23°	3.5dB	359°K	377254	+205 Hz
2023-10-30	Monday	14:30	064°	+7°	0 dB	0°	064°	+7°	199°	+23°	3.5dB	360°K	377359	+216 Hz
2023-10-30	Monday	15:00	069°	+11°	0 dB	0°	069°	+11°	207°	+23°	3.5dB	361°K	377465	+222 Hz
2023-10-30	Monday	15:30	074°	+16°	0 dB	0°	074°	+16°	214°	+23°	3.6dB	362°K	377571	+225 Hz
2023-10-30	Monday	16:00	079°	+21°	0 dB	0°	079°	+21°	221°	+23°	3.6dB	362°K	377677	+223 Hz
2023-10-30	Monday	16:30	084°	+26°	0 dB	0°	084°	+26°	228°	+23°	3.6dB	363°K	377784	+216 Hz
2023-10-30	Monday	17:00	088°	+31°	0 dB	0°	088°	+31°	236°	+23°	3.6dB	364°K	377890	+205 Hz
2023-10-30	Monday	17:30	094°	+36°	0 dB	0°	094°	+36°	243°	+24°	3.6dB	365°K	377997	+190 Hz
2023-10-30	Monday	18:00	099°	+41°	0 dB	0°	099°	+41°	250°	+24°	3.6dB	366°K	378104	+171 Hz
2023-10-30	Monday	18:30	105°	+46°	0 dB	0°	105°	+46°	257°	+24°	3.6dB	367°K	378211	+148 Hz
2023-10-30	Monday	19:00	112°	+51°	0 dB	0°	112°	+51°	264°	+24°	3.7dB	368°K	378319	+122 Hz
2023-10-30	Monday	19:30	121°	+56°	0 dB	0°	121°	+56°	272°	+24°	3.7dB	368°K	378427	+92 Hz
2023-10-30	Monday	20:00	130°	+60°	0 dB	0°	130°	+60°	279°	+24°	3.7dB	369°K	378535	+61 Hz
2023-10-30	Monday	20:30	143°	+64°	0 dB	0°	143°	+64°	286°	+24°	3.7dB	370°K	378643	+27 Hz
2023-10-30	Monday	21:00	157°	+66°	0 dB	0°	157°	+66°	293°	+24°	3.7dB	372°K	378751	-8 Hz
2023-10-30	Monday	21:30	174°	+68°	0 dB	0°	174°	+68°	301°	+24°	3.7dB	373°K	378860	-44 Hz
2023-10-30	Monday	22:00	192°	+67°	0 dB	0°	192°	+67°	308°	+24°	3.7dB	374°K	378969	-80 Hz
2023-10-30	Monday	22:30	208°	+66°	0 dB	0°	208°	+66°	315°	+24°	3.8dB	375°K	379078	-116 Hz
2023-10-30	Monday	23:00	222°	+63°	0 dB	0°	222°	+63°	322°	+24°	3.8dB	377°K	379187	-150 Hz
2023-10-30	Monday	23:30	234°	+59°	0 dB	0°	234°	+59°	329°	+24°	3.8dB	378°K	379296	-183 Hz
2023-10-31	Tuesday	00:00	243°	+55°	0 dB	0°	243°	+55°	337°	+24°	3.8dB	379°K	379406	-213 Hz
2023-10-31	Tuesday	00:30	251°	+50°	0 dB	0°	251°	+50°	344°	+25°	3.8dB	380°K	379515	-241 Hz
2023-10-31	Tuesday	01:00	258°	+46°	0 dB	0°	258°	+46°	351°	+25°	3.8dB	381°K	379625	-266 Hz
2023-10-31	Tuesday	01:30	264°	+41°	0 dB	0°	264°	+41°	358°	+25°	3.9dB	383°K	379735	-287 Hz
2023-10-31	Tuesday	02:00	269°	+36°	0 dB	0°	269°	+36°	6°	+25°	3.9dB	384°K	379845	-304 Hz
2023-10-31	Tuesday	02:30	274°	+31°	0 dB	0°	274°	+31°	13°	+25°	3.9dB	385°K	379956	-317 Hz
2023-10-31	Tuesday	03:00	279°	+26°	0 dB	0°	279°	+26°	20°	+25°	3.9dB	386°K	380066	-326 Hz
2023-10-31	Tuesday	03:30	284°	+21°	0 dB	0°	284°	+21°	27°	+25°	3.9dB	388°K	380177	-330 Hz
2023-10-31	Tuesday	04:00	289°	+16°	0 dB	0°	289°	+16°	34°	+25°	4.0dB	389°K	380288	-330 Hz
2023-10-31	Tuesday	04:30	294°	+11°	0 dB	0°	294°	+11°	42°	+25°	4.0dB	390°K	380398	-326 Hz
2023-10-31	Tuesday	05:00	299°	+7°	0 dB	0°	299°	+7°	49°	+25°	4.0dB	391°K	380509	-318 Hz
2023-10-31	Tuesday	05:30	304°	+3°	0 dB	0°	304°	+3°	56°	+25°	4.0dB	392°K	380621	-305 Hz
2023-10-31	Tuesday	14:30	053°	+1°	0 dB	0°	053°	+1°	186°	+26°	4.3dB	417°K	382641	+180 Hz
2023-10-31	Tuesday	15:00	058°	+5°	0 dB	0°	058°	+5°	193°	+26°	4.3dB	418°K	382754	+194 Hz
2023-10-31	Tuesday	15:30	063°	+10°	0 dB	0°	063°	+10°	200°	+26°	4.4dB	419°K	382868	+205 Hz
2023-10-31	Tuesday	16:00	067°	+14°	0 dB	0°	067°	+14°	208°	+26°	4.4dB	421°K	382981	+211 Hz
2023-10-31	Tuesday	16:30	072°	+19°	0 dB	0°	072°	+19°	215°	+26°	4.4dB	422°K	383094	+212 Hz
2023-10-31	Tuesday	17:00	077°	+24°	0 dB	0°	077°	+24°	222°	+27°	4.4dB	424°K	383207	+210 Hz
2023-10-31	Tuesday	17:30	081°	+29°	0 dB	0°	081°	+29°	229°	+27°	4.4dB	425°K	383320	+203 Hz
2023-10-31	Tuesday	18:00	086°	+34°	0 dB	0°	086°	+34°	237°	+27°	4.4dB	426°K	383434	+192 Hz
2023-10-31	Tuesday	18:30	091°	+39°	0 dB	0°	091°	+39°	244°	+27°	4.5dB	428°K	383547	+177 Hz
2023-10-31	Tuesday	19:00	097°	+44°	0 dB	0°	097°	+44°	251°	+27°	4.5dB	429°K	383661	+158 Hz
2023-10-31	Tuesday	19:30	103°	+49°	0 dB	0°	103°	+49°	258°	+27°	4.5dB	431°K	383774	+135 Hz
2023-10-31	Tuesday	20:00	110°	+54°	0 dB	0°	110°	+54°	265°	+27°	4.5dB	432°K	383887	+110 Hz
2023-10-31	Tuesday	20:30	118°	+59°	0 dB	0°	118°	+59°	273°	+27°	4.5dB	434°K	384001	+81 Hz
2023-10-31	Tuesday	21:00	128°	+63°	0 dB	0°	128°	+63°	280°	+27°	4.6dB	435°K	384114	+50 Hz
2023-10-31	Tuesday	21:30	141°	+67°	0 dB	0°	141°	+67°	287°	+27°	4.6dB	438°K	384228	+17 Hz
2023-10-31	Tuesday	22:00	157°	+69°	0 dB	0°	157°	+69°	294°	+27°	4.6dB	441°K	384341	-17 Hz
2023-10-31	Tuesday	22:30	176°	+71°	0 dB	0°	176°	+71°	301°	+27°	4.6dB	443°K	384455	-52 Hz
2023-10-31	Tuesday	23:00	195°	+70°	0 dB	0°	195°	+70°	309°	+27°	4.7dB	446°K	384568	-87 Hz
2023-10-31	Tuesday	23:30	213°	+68°	0 dB	0°	213°	+68°	316°	+27°	4.7dB	449°K	384682	-122 Hz
2023-11-01	Wednesday	00:00	227°	+65°	0 dB	0°	227°	+65°	323°	+27°	4.7dB	451°K	384795	-155 Hz
2023-11-01	Wednesday	00:30	238°	+61°	0 dB	0°	238°	+61°	330°	+27°	4.8dB	454°K	384909	-187 Hz
2023-11-01	Wednesday	01:00	247°	+56°	0 dB	0°	247°	+56°	338°	+27°	4.8dB	457°K	385022	-216 Hz
2023-11-01	Wednesday	01:30	255°	+52°	0 dB	0°	255°	+52°	345°	+27°	4.8dB	459°K	385135	-243 Hz
2023-11-01	Wednesday	02:00	261°	+47°	0 dB	0°	261°	+47°	352°	+27°	4.8dB	462°K	385249	-267 Hz
2023-11-01	Wednesday	02:30	267°	+42°	0 dB	0°	267°	+42°	359°	+27°	4.9dB	464°K	385362	-287 Hz
2023-11-01	Wednesday	03:00	272°	+37°	0 dB	0°	272°	+37°	6°	+27°	4.9dB	467°K	385476	-303 Hz
2023-11-01	Wednesday	03:30	277°	+32°	0 dB	0°	277°	+32°	14°	+27°	4.9dB	470°K	385589	-315 Hz
2023-11-01	Wednesday	04:00	282°	+27°	0 dB	0°	282°	+27°	21°	+27°	4.9dB	472°K	385702	-324 Hz
2023-11-01	Wednesday	04:30	287°	+22°	0 dB	0°	287°	+22°	28°	+27°	5.0dB	475°K	385815	-327 Hz

