use the UTC converter found in book to get Pacific Standard Time

DECEMBER IS MISSING

Astoria Lat 46.2 Long -123.9

MoonSked by MoonBounce Software © GM4JJJ

Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

PST below

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler	
2026-01-01 Thursday	05:30	050°	-0°	0 dB	0°	050°	-0°	116°	+27°	3.2dB	401°K	360720	+242 Hz	
2026-01-01 Thursday	06:00	055°	+4°	0 dB	0°	055°	+4°	123°	+27°	3.2dB	402°K	360698	+257 Hz	
2026-01-01 Thursday	06:30	060°	+8°	0 dB	0°	060°	+8°	130°	+27°	3.2dB	404°K	360676	+268 Hz	
2026-01-01 Thursday	07:00	065°	+13°	0 dB	0°	065°	+13°	137°	+27°	3.2dB	405°K	360654	+276 Hz	
2026-01-01 Thursday	07:30	069°	+17°	0 dB	0°	069°	+17°	144°	+27°	3.2dB	407°K	360634	+279 Hz	midnight We
2026-01-01 Thursday	08:00	074°	+22°	0 dB	0°	074°	+22°	152°	+27°	3.2dB	409°K	360614	+279 Hz	PST
2026-01-01 Thursday	08:30	079°	+27°	0 dB	0°	079°	+27°	159°	+27°	3.2dB	410°K	360594	+274 Hz	
2026-01-01 Thursday	09:00	083°	+32°	0 dB	0°	083°	+32°	166°	+27°	3.2dB	412°K	360576	+265 Hz	
2026-01-01 Thursday	09:30	088°	+37°	0 dB	0°	088°	+37°	173°	+27°	3.3dB	413°K	360558	+252 Hz	
2026-01-01 Thursday	10:00	093°	+42°	0 dB	0°	093°	+42°	180°	+27°	3.3dB	415°K	360541	+235 Hz	
2026-01-01 Thursday	10:30	099°	+47°	0 dB	0°	099°	+47°	187°	+27°	3.3dB	417°K	360524	+214 Hz	
2026-01-01 Thursday	11:00	105°	+52°	0 dB	0°	105°	+52°	195°	+27°	3.3dB	418°K	360509	+190 Hz	
2026-01-01 Thursday	11:30	113°	+57°	0 dB	0°	113°	+57°	202°	+27°	3.3dB	420°K	360494	+163 Hz	
2026-01-01 Thursday	12:00	122°	+61°	0 dB	0°	122°	+61°	209°	+28°	3.3dB	422°K	360479	+133 Hz	
2026-01-01 Thursday	12:30	133°	+65°	0 dB	0°	133°	+65°	216°	+28°	3.3dB	423°K	360466	+101 Hz	
2026-01-01 Thursday	13:00	147°	+68°	0 dB	0°	147°	+68°	223°	+28°	3.4dB	425°K	360453	+68 Hz	
2026-01-01 Thursday	13:30	165°	+71°	0 dB	0°	165°	+71°	230°	+28°	3.4dB	426°K	360441	+34 Hz	pass through zero
2026-01-01 Thursday	14:00	184°	+71°	0 dB	0°	184°	+71°	238°	+28°	3.4dB	428°K	360429	-1 Hz	6 am Thurs. PST
2026-01-01 Thursday	14:30	204°	+70°	0 dB	0°	204°	+70°	245°	+28°	3.4dB	430°K	360418	-36 Hz	
2026-01-01 Thursday	15:00	220°	+67°	0 dB	0°	220°	+67°	252°	+28°	3.4dB	431°K	360408	-69 Hz	
2026-01-01 Thursday	15:30	233°	+64°	0 dB	0°	233°	+64°	259°	+28°	3.4dB	433°K	360399	-102 Hz	
2026-01-01 Thursday	16:00	243°	+59°	0 dB	0°	243°	+59°	266°	+28°	3.4dB	435°K	360390	-133 Hz	
2026-01-01 Thursday	16:30	251°	+55°	0 dB	0°	251°	+55°	273°	+28°	3.5dB	438°K	360382	-161 Hz	
2026-01-01 Thursday	17:00	258°	+50°	0 dB	0°	258°	+50°	281°	+28°	3.5dB	441°K	360375	-186 Hz	
2026-01-01 Thursday	17:30	264°	+45°	0 dB	0°	264°	+45°	288°	+28°	3.5dB	444°K	360369	-209 Hz	
2026-01-01 Thursday	18:00	270°	+40°	0 dB	0°	270°	+40°	295°	+28°	3.5dB	447°K	360363	-227 Hz	
2026-01-01 Thursday	18:30	275°	+35°	0 dB	0°	275°	+35°	302°	+28°	3.6dB	450°K	360358	-242 Hz	
2026-01-01 Thursday	19:00	279°	+30°	0 dB	0°	279°	+30°	309°	+28°	3.6dB	453°K	360354	-253 Hz	
2026-01-01 Thursday	19:30	284°	+25°	0 dB	0°	284°	+25°	316°	+28°	3.6dB	456°K	360350	-260 Hz	noon Thurs
2026-01-01 Thursday	20:00	289°	+20°	0 dB	0°	289°	+20°	324°	+28°	3.7dB	459°K	360347	-263 Hz	
2026-01-01 Thursday	20:30	293°	+16°	0 dB	0°	293°	+16°	331°	+28°	3.7dB	462°K	360345	-261 Hz	
2026-01-01 Thursday	21:00	298°	+11°	0 dB	0°	298°	+11°	338°	+28°	3.7dB	465°K	360344	-256 Hz	
2026-01-01 Thursday	21:30	303°	+7°	0 dB	0°	303°	+7°	345°	+28°	3.7dB	468°K	360343	-247 Hz	
2026-01-01 Thursday	22:00	308°	+3°	0 dB	0°	308°	+3°	352°	+28°	3.7dB	471°K	360344	-233 Hz	
2026-01-02 Friday	06:30	048°	+0°	0 dB	0°	048°	+0°	114°	+28°	4.0dB	500°K	360459	+214 Hz	
2026-01-02 Friday	07:00	053°	+4°	0 dB	0°	053°	+4°	121°	+28°	4.0dB	500°K	360472	+230 Hz	
2026-01-02 Friday	07:30	058°	+8°	0 dB	0°	058°	+8°	128°	+28°	4.0dB	500°K	360487	+242 Hz	
2026-01-02 Friday	08:00	063°	+12°	0 dB	0°	063°	+12°	136°	+28°	4.0dB	500°K	360502	+250 Hz	
2026-01-02 Friday	08:30	068°	+17°	0 dB	0°	068°	+17°	143°	+28°	4.0dB	500°K	360517	+255 Hz	1 am
2026-01-02 Friday	09:00	072°	+22°	0 dB	0°	072°	+22°	150°	+28°	4.0dB	500°K	360534	+255 Hz	Fri.
2026-01-02 Friday	09:30	077°	+26°	0 dB	0°	077°	+26°	157°	+28°	4.0dB	500°K	360551	+251 Hz	
2026-01-02 Friday	10:00	081°	+31°	0 dB	0°	081°	+31°	164°	+28°	4.0dB	500°K	360569	+244 Hz	
2026-01-02 Friday	10:30	086°	+36°	0 dB	0°	086°	+36°	171°	+28°	4.0dB	500°K	360588	+232 Hz	
2026-01-02 Friday	11:00	091°	+41°	0 dB	0°	091°	+41°	179°	+28°	4.0dB	500°K	360607	+216 Hz	
2026-01-02 Friday	11:30	097°	+46°	0 dB	0°	097°	+46°	186°	+28°	4.0dB	500°K	360628	+196 Hz	
2026-01-02 Friday	12:00	103°	+51°	0 dB	0°	103°	+51°	193°	+28°	4.0dB	500°K	360649	+173 Hz	
2026-01-02 Friday	12:30	110°	+56°	0 dB	0°	110°	+56°	200°	+28°	4.0dB	500°K	360670	+147 Hz	
2026-01-02 Friday	13:00	119°	+61°	0 dB	0°	119°	+61°	207°	+28°	4.0dB	500°K	360693	+118 Hz	
2026-01-02 Friday	13:30	129°	+65°	0 dB	0°	129°	+65°	214°	+28°	4.0dB	497°K	360716	+87 Hz	
2026-01-02 Friday	14:00	143°	+68°	0 dB	0°	143°	+68°	222°	+28°	3.9dB	493°K	360740	+55 Hz	
2026-01-02 Friday	14:30	160°	+71°	0 dB	0°	160°	+71°	229°	+28°	3.9dB	489°K	360765	+21 Hz	
2026-01-02 Friday	15:00	180°	+72°	0 dB	0°	180°	+72°	236°	+28°	3.9dB	485°K	360790	-14 Hz	6:30 am Friday
2026-01-02 Friday	15:30	200°	+71°	0 dB	0°	200°	+71°	243°	+28°	3.9dB	481°K	360816	-48 Hz	
2026-01-02 Friday	16:00	217°	+68°	0 dB	0°	217°	+68°	250°	+28°	3.8dB	477°K	360843	-82 Hz	
2026-01-02 Friday	16:30	230°	+65°	0 dB	0°	230°	+65°	257°	+28°	3.8dB	472°K	360871	-115 Hz	
2026-01-02 Friday	17:00	241°	+61°	0 dB	0°	241°	+61°	265°	+28°	3.8dB	468°K	360899	-146 Hz	
2026-01-02 Friday	17:30	250°	+56°	0 dB	0°	250°	+56°	272°	+28°	3.7dB	464°K	360929	-175 Hz	
2026-01-02 Friday	18:00	257°	+51°	0 dB	0°	257°	+51°	279°	+28°	3.7dB	460°K	360959	-201 Hz	
2026-01-02 Friday	18:30	263°	+46°	0 dB	0°	263°	+46°	286°	+28°	3.7dB	456°K	360989	-225 Hz	
2026-01-02 Friday	19:00	269°	+41°	0 dB	0°	269°	+41°	293°	+28°	3.6dB	452°K	361021	-244 Hz	
2026-01-02 Friday	19:30	274°	+36°	0 dB	0°	274°	+36°	300°	+28°	3.6dB	448°K	361053	-260 Hz	
2026-01-02 Friday	20:00	278°	+31°	0 dB	0°	278°	+31°	308°	+28°	3.6dB	444°K	361086	-272 Hz	
2026-01-02 Friday	20:30	283°	+26°	0 dB	0°	283°	+26°	315°	+28°	3.5dB	440°K	361120	-281 Hz	
2026-01-02 Friday	21:00	288°	+22°	0 dB	0°	288°	+22°	322°	+28°	3.5dB	436°K	361154	-284 Hz	1 pm Friday
2026-01-02 Friday	21:30	292°	+17°	0 dB	0°	292°	+17°	329°	+28°	3.5dB	432°K	361189	-284 Hz	
2026-01-02 Friday	22:00	297°	+12°	0 dB	0°	297°	+12°	336°	+28°	3.4dB	428°K	361225	-280 Hz	

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-02 Friday	22:30	301°	+8°	0 dB	0°	301°	+8°	343°	+28°	3.4dB	423°K	361262	-271 Hz
2026-01-02 Friday	23:00	306°	+4°	0 dB	0°	306°	+4°	351°	+28°	3.3dB	419°K	361299	-259 Hz
2026-01-02 Friday	23:30	311°	-0°	0 dB	0°	311°	-0°	358°	+28°	3.3dB	415°K	361337	-244 Hz
2026-01-03 Saturday	08:00	053°	+2°	0 dB	0°	053°	+2°	120°	+27°	3.0dB	380°K	362097	+207 Hz
2026-01-03 Saturday	08:30	058°	+6°	0 dB	0°	058°	+6°	127°	+27°	3.0dB	378°K	362148	+220 Hz
2026-01-03 Saturday	09:00	063°	+11°	0 dB	0°	063°	+11°	134°	+27°	3.0dB	376°K	362200	+230 Hz
2026-01-03 Saturday	09:30	067°	+15°	0 dB	0°	067°	+15°	141°	+27°	3.0dB	374°K	362253	+236 Hz
2026-01-03 Saturday	10:00	072°	+20°	0 dB	0°	072°	+20°	148°	+27°	2.9dB	372°K	362306	+237 Hz
2026-01-03 Saturday	10:30	077°	+25°	0 dB	0°	077°	+25°	156°	+27°	2.9dB	370°K	362361	+234 Hz
2026-01-03 Saturday	11:00	081°	+29°	0 dB	0°	081°	+29°	163°	+27°	2.9dB	367°K	362415	+228 Hz
2026-01-03 Saturday	11:30	086°	+34°	0 dB	0°	086°	+34°	170°	+27°	2.9dB	364°K	362471	+217 Hz
2026-01-03 Saturday	12:00	091°	+39°	0 dB	0°	091°	+39°	177°	+27°	2.8dB	361°K	362527	+202 Hz
2026-01-03 Saturday	12:30	097°	+44°	0 dB	0°	097°	+44°	184°	+27°	2.8dB	358°K	362584	+183 Hz
2026-01-03 Saturday	13:00	103°	+49°	0 dB	0°	103°	+49°	192°	+27°	2.8dB	355°K	362642	+160 Hz
2026-01-03 Saturday	13:30	110°	+54°	0 dB	0°	110°	+54°	199°	+27°	2.8dB	352°K	362700	+134 Hz
2026-01-03 Saturday	14:00	119°	+59°	0 dB	0°	119°	+59°	206°	+27°	2.7dB	349°K	362759	+106 Hz
2026-01-03 Saturday	14:30	129°	+63°	0 dB	0°	129°	+63°	213°	+27°	2.7dB	346°K	362819	+75 Hz
2026-01-03 Saturday	15:00	142°	+66°	0 dB	0°	142°	+66°	220°	+27°	2.7dB	343°K	362879	+42 Hz
2026-01-03 Saturday	15:30	158°	+69°	0 dB	0°	158°	+69°	227°	+27°	2.6dB	340°K	362940	+8 Hz
2026-01-03 Saturday	16:00	176°	+70°	0 dB	0°	176°	+70°	235°	+26°	2.6dB	337°K	363002	-27 Hz
2026-01-03 Saturday	16:30	195°	+69°	0 dB	0°	195°	+69°	242°	+26°	2.6dB	334°K	363064	-63 Hz
2026-01-03 Saturday	17:00	212°	+67°	0 dB	0°	212°	+67°	249°	+26°	2.6dB	331°K	363127	-97 Hz
2026-01-03 Saturday	17:30	226°	+64°	0 dB	0°	226°	+64°	256°	+26°	2.5dB	328°K	363191	-131 Hz
2026-01-03 Saturday	18:00	237°	+60°	0 dB	0°	237°	+60°	263°	+26°	2.5dB	326°K	363256	-163 Hz
2026-01-03 Saturday	18:30	246°	+56°	0 dB	0°	246°	+56°	271°	+26°	2.5dB	323°K	363321	-193 Hz
2026-01-03 Saturday	19:00	253°	+51°	0 dB	0°	253°	+51°	278°	+26°	2.4dB	320°K	363387	-221 Hz
2026-01-03 Saturday	19:30	260°	+46°	0 dB	0°	260°	+46°	285°	+26°	2.4dB	317°K	363453	-245 Hz
2026-01-03 Saturday	20:00	265°	+41°	0 dB	0°	265°	+41°	292°	+26°	2.4dB	314°K	363521	-266 Hz
2026-01-03 Saturday	20:30	271°	+36°	0 dB	0°	271°	+36°	299°	+26°	2.3dB	311°K	363588	-283 Hz
2026-01-03 Saturday	21:00	276°	+31°	0 dB	0°	276°	+31°	306°	+26°	2.3dB	308°K	363657	-296 Hz
2026-01-03 Saturday	21:30	280°	+26°	0 dB	0°	280°	+26°	314°	+26°	2.3dB	305°K	363726	-305 Hz
2026-01-03 Saturday	22:00	285°	+21°	0 dB	0°	285°	+21°	321°	+26°	2.3dB	302°K	363796	-310 Hz
2026-01-03 Saturday	22:30	290°	+16°	0 dB	0°	290°	+16°	328°	+26°	2.2dB	298°K	363867	-311 Hz
2026-01-03 Saturday	23:00	294°	+11°	0 dB	0°	294°	+11°	335°	+26°	2.2dB	295°K	363938	-307 Hz
2026-01-03 Saturday	23:30	299°	+7°	0 dB	0°	299°	+7°	342°	+26°	2.1dB	291°K	364010	-299 Hz
2026-01-04 Sunday	00:00	304°	+2°	0 dB	0°	304°	+2°	350°	+25°	2.1dB	288°K	364082	-287 Hz
2026-01-04 Sunday	09:00	054°	-0°	0 dB	0°	054°	-0°	119°	+24°	1.3dB	227°K	365495	+192 Hz
2026-01-04 Sunday	09:30	060°	+4°	0 dB	0°	060°	+4°	126°	+24°	1.3dB	225°K	365580	+207 Hz
2026-01-04 Sunday	10:00	065°	+8°	0 dB	0°	065°	+8°	133°	+24°	1.3dB	224°K	365665	+217 Hz
2026-01-04 Sunday	10:30	069°	+13°	0 dB	0°	069°	+13°	141°	+24°	1.3dB	223°K	365750	+224 Hz
2026-01-04 Sunday	11:00	074°	+17°	0 dB	0°	074°	+17°	148°	+24°	1.3dB	222°K	365836	+226 Hz
2026-01-04 Sunday	11:30	079°	+22°	0 dB	0°	079°	+22°	155°	+24°	1.2dB	220°K	365923	+224 Hz
2026-01-04 Sunday	12:00	084°	+27°	0 dB	0°	084°	+27°	162°	+24°	1.2dB	219°K	366010	+217 Hz
2026-01-04 Sunday	12:30	089°	+32°	0 dB	0°	089°	+32°	169°	+24°	1.2dB	218°K	366098	+206 Hz
2026-01-04 Sunday	13:00	094°	+37°	0 dB	0°	094°	+37°	177°	+24°	1.2dB	217°K	366187	+191 Hz
2026-01-04 Sunday	13:30	100°	+42°	0 dB	0°	100°	+42°	184°	+23°	1.2dB	216°K	366276	+172 Hz
2026-01-04 Sunday	14:00	107°	+47°	0 dB	0°	107°	+47°	191°	+23°	1.2dB	215°K	366365	+149 Hz
2026-01-04 Sunday	14:30	114°	+51°	0 dB	0°	114°	+51°	198°	+23°	1.2dB	214°K	366455	+123 Hz
2026-01-04 Sunday	15:00	123°	+56°	0 dB	0°	123°	+56°	206°	+23°	1.2dB	213°K	366546	+94 Hz
2026-01-04 Sunday	15:30	133°	+60°	0 dB	0°	133°	+60°	213°	+23°	1.1dB	212°K	366637	+62 Hz
2026-01-04 Sunday	16:00	145°	+63°	0 dB	0°	145°	+63°	220°	+23°	1.1dB	211°K	366729	+28 Hz
2026-01-04 Sunday	16:30	160°	+65°	0 dB	0°	160°	+65°	227°	+23°	1.1dB	209°K	366821	-7 Hz
2026-01-04 Sunday	17:00	176°	+66°	0 dB	0°	176°	+66°	234°	+23°	1.1dB	208°K	366914	-43 Hz
2026-01-04 Sunday	17:30	193°	+66°	0 dB	0°	193°	+66°	242°	+23°	1.1dB	207°K	367008	-80 Hz
2026-01-04 Sunday	18:00	208°	+64°	0 dB	0°	208°	+64°	249°	+23°	1.1dB	206°K	367102	-116 Hz
2026-01-04 Sunday	18:30	221°	+61°	0 dB	0°	221°	+61°	256°	+23°	1.1dB	205°K	367196	-151 Hz
2026-01-04 Sunday	19:00	232°	+57°	0 dB	0°	232°	+57°	263°	+22°	1.0dB	204°K	367291	-184 Hz
2026-01-04 Sunday	19:30	241°	+53°	0 dB	0°	241°	+53°	270°	+22°	1.0dB	203°K	367387	-215 Hz
2026-01-04 Sunday	20:00	249°	+48°	0 dB	0°	249°	+48°	278°	+22°	1.0dB	202°K	367483	-243 Hz
2026-01-04 Sunday	20:30	256°	+43°	0 dB	0°	256°	+43°	285°	+22°	1.0dB	201°K	367580	-269 Hz
2026-01-04 Sunday	21:00	262°	+38°	0 dB	0°	262°	+38°	292°	+22°	1.0dB	200°K	367677	-290 Hz
2026-01-04 Sunday	21:30	267°	+33°	0 dB	0°	267°	+33°	299°	+22°	1.0dB	199°K	367774	-308 Hz
2026-01-04 Sunday	22:00	272°	+28°	0 dB	0°	272°	+28°	306°	+22°	1.0dB	198°K	367872	-322 Hz
2026-01-04 Sunday	22:30	277°	+23°	0 dB	0°	277°	+23°	314°	+22°	0.9dB	196°K	367971	-331 Hz
2026-01-04 Sunday	23:00	282°	+18°	0 dB	0°	282°	+18°	321°	+22°	0.9dB	195°K	368070	-336 Hz
2026-01-04 Sunday	23:30	287°	+13°	0 dB	0°	287°	+13°	328°	+22°	0.9dB	194°K	368170	-336 Hz

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Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-05 Monday	00:00	292°	+8°	0 dB	0°	292°	+8°	335°	+22°	0.9dB	193°K	368270	-332 Hz
2026-01-05 Monday	00:30	296°	+4°	0 dB	0°	296°	+4°	343°	+21°	0.9dB	192°K	368371	-324 Hz
2026-01-05 Monday	10:30	063°	+1°	0 dB	0°	063°	+1°	127°	+19°	0.7dB	174°K	370480	+202 Hz
2026-01-05 Monday	11:00	068°	+5°	0 dB	0°	068°	+5°	134°	+19°	0.7dB	175°K	370590	+213 Hz
2026-01-05 Monday	11:30	073°	+10°	0 dB	0°	073°	+10°	141°	+19°	0.7dB	175°K	370700	+219 Hz
2026-01-05 Monday	12:00	078°	+14°	0 dB	0°	078°	+14°	149°	+19°	0.7dB	175°K	370811	+221 Hz
2026-01-05 Monday	12:30	083°	+19°	0 dB	0°	083°	+19°	156°	+19°	0.7dB	176°K	370922	+218 Hz
2026-01-05 Monday	13:00	089°	+24°	0 dB	0°	089°	+24°	163°	+19°	0.7dB	176°K	371034	+211 Hz
2026-01-05 Monday	13:30	094°	+29°	0 dB	0°	094°	+29°	170°	+19°	0.7dB	176°K	371145	+200 Hz
2026-01-05 Monday	14:00	100°	+34°	0 dB	0°	100°	+34°	178°	+19°	0.8dB	177°K	371258	+184 Hz
2026-01-05 Monday	14:30	106°	+39°	0 dB	0°	106°	+39°	185°	+19°	0.8dB	177°K	371370	+163 Hz
2026-01-05 Monday	15:00	113°	+44°	0 dB	0°	113°	+44°	192°	+18°	0.8dB	177°K	371483	+139 Hz
2026-01-05 Monday	15:30	120°	+48°	0 dB	0°	120°	+48°	199°	+18°	0.8dB	178°K	371597	+112 Hz
2026-01-05 Monday	16:00	129°	+52°	0 dB	0°	129°	+52°	207°	+18°	0.8dB	178°K	371711	+81 Hz
2026-01-05 Monday	16:30	139°	+56°	0 dB	0°	139°	+56°	214°	+18°	0.8dB	178°K	371825	+48 Hz
2026-01-05 Monday	17:00	151°	+59°	0 dB	0°	151°	+59°	221°	+18°	0.8dB	179°K	371939	+12 Hz
2026-01-05 Monday	17:30	165°	+60°	0 dB	0°	165°	+60°	228°	+18°	0.8dB	179°K	372054	-24 Hz
2026-01-05 Monday	18:00	179°	+61°	0 dB	0°	179°	+61°	235°	+18°	0.8dB	179°K	372169	-62 Hz
2026-01-05 Monday	18:30	193°	+60°	0 dB	0°	193°	+60°	243°	+18°	0.9dB	180°K	372285	-99 Hz
2026-01-05 Monday	19:00	206°	+59°	0 dB	0°	206°	+59°	250°	+18°	0.9dB	180°K	372400	-136 Hz
2026-01-05 Monday	19:30	218°	+56°	0 dB	0°	218°	+56°	257°	+17°	0.9dB	180°K	372517	-172 Hz
2026-01-05 Monday	20:00	229°	+52°	0 dB	0°	229°	+52°	264°	+17°	0.9dB	180°K	372633	-206 Hz
2026-01-05 Monday	20:30	237°	+48°	0 dB	0°	237°	+48°	272°	+17°	0.9dB	181°K	372750	-238 Hz
2026-01-05 Monday	21:00	245°	+44°	0 dB	0°	245°	+44°	279°	+17°	0.9dB	181°K	372867	-267 Hz
2026-01-05 Monday	21:30	252°	+39°	0 dB	0°	252°	+39°	286°	+17°	0.9dB	181°K	372984	-292 Hz
2026-01-05 Monday	22:00	258°	+34°	0 dB	0°	258°	+34°	293°	+17°	0.9dB	182°K	373102	-314 Hz
2026-01-05 Monday	22:30	264°	+29°	0 dB	0°	264°	+29°	301°	+17°	0.9dB	182°K	373220	-331 Hz
2026-01-05 Monday	23:00	269°	+24°	0 dB	0°	269°	+24°	308°	+17°	1.0dB	182°K	373338	-344 Hz
2026-01-05 Monday	23:30	274°	+18°	0 dB	0°	274°	+18°	315°	+16°	1.0dB	182°K	373457	-353 Hz
2026-01-06 Tuesday	00:00	279°	+13°	0 dB	0°	279°	+13°	322°	+16°	1.0dB	183°K	373576	-357 Hz
2026-01-06 Tuesday	00:30	284°	+8°	0 dB	0°	284°	+8°	330°	+16°	1.0dB	183°K	373695	-356 Hz
2026-01-06 Tuesday	01:00	289°	+3°	0 dB	0°	289°	+3°	337°	+16°	1.0dB	183°K	373814	-351 Hz
2026-01-06 Tuesday	12:00	074°	+2°	0 dB	0°	074°	+2°	136°	+14°	1.2dB	186°K	376503	+215 Hz
2026-01-06 Tuesday	12:30	079°	+7°	0 dB	0°	079°	+7°	144°	+13°	1.2dB	187°K	376628	+220 Hz
2026-01-06 Tuesday	13:00	084°	+12°	0 dB	0°	084°	+12°	151°	+13°	1.2dB	187°K	376752	+221 Hz
2026-01-06 Tuesday	13:30	089°	+17°	0 dB	0°	089°	+17°	158°	+13°	1.2dB	187°K	376877	+217 Hz
2026-01-06 Tuesday	14:00	095°	+22°	0 dB	0°	095°	+22°	165°	+13°	1.2dB	188°K	377002	+208 Hz
2026-01-06 Tuesday	14:30	100°	+27°	0 dB	0°	100°	+27°	173°	+13°	1.2dB	188°K	377128	+195 Hz
2026-01-06 Tuesday	15:00	106°	+32°	0 dB	0°	106°	+32°	180°	+13°	1.2dB	188°K	377253	+177 Hz
2026-01-06 Tuesday	15:30	113°	+36°	0 dB	0°	113°	+36°	187°	+13°	1.2dB	188°K	377378	+155 Hz
2026-01-06 Tuesday	16:00	120°	+41°	0 dB	0°	120°	+41°	194°	+13°	1.3dB	189°K	377504	+129 Hz
2026-01-06 Tuesday	16:30	128°	+45°	0 dB	0°	128°	+45°	202°	+12°	1.3dB	189°K	377630	+99 Hz
2026-01-06 Tuesday	17:00	137°	+48°	0 dB	0°	137°	+48°	209°	+12°	1.3dB	189°K	377756	+67 Hz
2026-01-06 Tuesday	17:30	147°	+51°	0 dB	0°	147°	+51°	216°	+12°	1.3dB	190°K	377882	+32 Hz
2026-01-06 Tuesday	18:00	158°	+54°	0 dB	0°	158°	+54°	223°	+12°	1.3dB	190°K	378008	-5 Hz
2026-01-06 Tuesday	18:30	171°	+55°	0 dB	0°	171°	+55°	231°	+12°	1.3dB	190°K	378134	-43 Hz
2026-01-06 Tuesday	19:00	183°	+55°	0 dB	0°	183°	+55°	238°	+12°	1.3dB	191°K	378261	-82 Hz
2026-01-06 Tuesday	19:30	196°	+54°	0 dB	0°	196°	+54°	245°	+12°	1.3dB	191°K	378387	-120 Hz
2026-01-06 Tuesday	20:00	207°	+52°	0 dB	0°	207°	+52°	252°	+12°	1.3dB	191°K	378514	-158 Hz
2026-01-06 Tuesday	20:30	218°	+49°	0 dB	0°	218°	+49°	260°	+11°	1.4dB	191°K	378640	-194 Hz
2026-01-06 Tuesday	21:00	227°	+46°	0 dB	0°	227°	+46°	267°	+11°	1.4dB	192°K	378767	-228 Hz
2026-01-06 Tuesday	21:30	235°	+42°	0 dB	0°	235°	+42°	274°	+11°	1.4dB	192°K	378894	-260 Hz
2026-01-06 Tuesday	22:00	242°	+37°	0 dB	0°	242°	+37°	281°	+11°	1.4dB	192°K	379021	-288 Hz
2026-01-06 Tuesday	22:30	249°	+33°	0 dB	0°	249°	+33°	289°	+11°	1.4dB	193°K	379148	-312 Hz
2026-01-06 Tuesday	23:00	255°	+28°	0 dB	0°	255°	+28°	296°	+11°	1.4dB	193°K	379275	-333 Hz
2026-01-06 Tuesday	23:30	261°	+23°	0 dB	0°	261°	+23°	303°	+11°	1.4dB	193°K	379402	-349 Hz
2026-01-07 Wednesday	00:00	266°	+17°	0 dB	0°	266°	+17°	311°	+11°	1.4dB	194°K	379529	-360 Hz
2026-01-07 Wednesday	00:30	271°	+12°	0 dB	0°	271°	+12°	318°	+10°	1.5dB	194°K	379657	-367 Hz
2026-01-07 Wednesday	01:00	276°	+7°	0 dB	0°	276°	+7°	325°	+10°	1.5dB	194°K	379784	-369 Hz
2026-01-07 Wednesday	01:30	282°	+2°	0 dB	0°	282°	+2°	332°	+10°	1.5dB	194°K	379912	-366 Hz
2026-01-07 Wednesday	13:00	080°	-0°	0 dB	0°	080°	-0°	140°	+7°	1.7dB	201°K	382846	+222 Hz
2026-01-07 Wednesday	13:30	086°	+5°	0 dB	0°	086°	+5°	147°	+7°	1.7dB	201°K	382973	+225 Hz
2026-01-07 Wednesday	14:00	091°	+10°	0 dB	0°	091°	+10°	154°	+7°	1.7dB	202°K	383100	+223 Hz
2026-01-07 Wednesday	14:30	096°	+15°	0 dB	0°	096°	+15°	161°	+7°	1.8dB	202°K	383228	+217 Hz
2026-01-07 Wednesday	15:00	102°	+20°	0 dB	0°	102°	+20°	169°	+7°	1.8dB	202°K	383355	+206 Hz
2026-01-07 Wednesday	15:30	108°	+24°	0 dB	0°	108°	+24°	176°	+7°	1.8dB	203°K	383482	+190 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-07 Wednesday	16:00	114°	+29°	0 dB	0°	114°	+29°	183°	+7°	1.8dB	203°K	383609	+170 Hz
2026-01-07 Wednesday	16:30	121°	+33°	0 dB	0°	121°	+33°	190°	+6°	1.8dB	203°K	383736	+146 Hz
2026-01-07 Wednesday	17:00	128°	+37°	0 dB	0°	128°	+37°	198°	+6°	1.8dB	203°K	383863	+117 Hz
2026-01-07 Wednesday	17:30	137°	+41°	0 dB	0°	137°	+41°	205°	+6°	1.8dB	204°K	383989	+86 Hz
2026-01-07 Wednesday	18:00	146°	+44°	0 dB	0°	146°	+44°	212°	+6°	1.8dB	204°K	384116	+52 Hz
2026-01-07 Wednesday	18:30	155°	+47°	0 dB	0°	155°	+47°	220°	+6°	1.8dB	204°K	384242	+15 Hz
2026-01-07 Wednesday	19:00	166°	+48°	0 dB	0°	166°	+48°	227°	+6°	1.9dB	205°K	384369	-23 Hz
2026-01-07 Wednesday	19:30	177°	+49°	0 dB	0°	177°	+49°	234°	+6°	1.9dB	205°K	384495	-62 Hz
2026-01-07 Wednesday	20:00	188°	+48°	0 dB	0°	188°	+48°	241°	+6°	1.9dB	205°K	384621	-101 Hz
2026-01-07 Wednesday	20:30	199°	+47°	0 dB	0°	199°	+47°	249°	+5°	1.9dB	205°K	384747	-140 Hz
2026-01-07 Wednesday	21:00	209°	+45°	0 dB	0°	209°	+45°	256°	+5°	1.9dB	206°K	384873	-178 Hz
2026-01-07 Wednesday	21:30	218°	+42°	0 dB	0°	218°	+42°	263°	+5°	1.9dB	206°K	384999	-213 Hz
2026-01-07 Wednesday	22:00	227°	+38°	0 dB	0°	227°	+38°	271°	+5°	1.9dB	206°K	385125	-246 Hz
2026-01-07 Wednesday	22:30	234°	+34°	0 dB	0°	234°	+34°	278°	+5°	1.9dB	207°K	385251	-277 Hz
2026-01-07 Wednesday	23:00	241°	+30°	0 dB	0°	241°	+30°	285°	+5°	1.9dB	207°K	385376	-303 Hz
2026-01-07 Wednesday	23:30	248°	+25°	0 dB	0°	248°	+25°	292°	+5°	1.9dB	207°K	385502	-326 Hz
2026-01-08 Thursday	00:00	253°	+20°	0 dB	0°	253°	+20°	300°	+5°	1.9dB	207°K	385627	-344 Hz
2026-01-08 Thursday	00:30	259°	+15°	0 dB	0°	259°	+15°	307°	+4°	2.0dB	208°K	385752	-358 Hz
2026-01-08 Thursday	01:00	264°	+10°	0 dB	0°	264°	+10°	314°	+4°	2.0dB	208°K	385877	-367 Hz
2026-01-08 Thursday	01:30	270°	+5°	0 dB	0°	270°	+5°	321°	+4°	2.0dB	208°K	386001	-371 Hz
2026-01-08 Thursday	02:00	275°	+0°	0 dB	0°	275°	+0°	329°	+4°	2.0dB	208°K	386126	-371 Hz
2026-01-08 Thursday	14:30	093°	+3°	0 dB	0°	093°	+3°	151°	+1°	2.4dB	227°K	389178	+230 Hz
2026-01-08 Thursday	15:00	098°	+8°	0 dB	0°	098°	+8°	158°	+1°	2.5dB	229°K	389297	+226 Hz
2026-01-08 Thursday	15:30	104°	+13°	0 dB	0°	104°	+13°	165°	+1°	2.5dB	230°K	389416	+217 Hz
2026-01-08 Thursday	16:00	110°	+18°	0 dB	0°	110°	+18°	173°	+0°	2.5dB	232°K	389535	+203 Hz
2026-01-08 Thursday	16:30	116°	+22°	0 dB	0°	116°	+22°	180°	+0°	2.5dB	233°K	389653	+185 Hz
2026-01-08 Thursday	17:00	122°	+26°	0 dB	0°	122°	+26°	187°	+0°	2.6dB	235°K	389772	+162 Hz
2026-01-08 Thursday	17:30	129°	+30°	0 dB	0°	129°	+30°	195°	+0°	2.6dB	236°K	389889	+135 Hz
2026-01-08 Thursday	18:00	137°	+34°	0 dB	0°	137°	+34°	202°	-0°	2.6dB	238°K	390007	+105 Hz
2026-01-08 Thursday	18:30	145°	+37°	0 dB	0°	145°	+37°	209°	-0°	2.6dB	239°K	390124	+72 Hz
2026-01-08 Thursday	19:00	154°	+40°	0 dB	0°	154°	+40°	216°	-0°	2.7dB	241°K	390241	+36 Hz
2026-01-08 Thursday	19:30	163°	+41°	0 dB	0°	163°	+41°	224°	-0°	2.7dB	242°K	390358	-2 Hz
2026-01-08 Thursday	20:00	173°	+42°	0 dB	0°	173°	+42°	231°	-1°	2.7dB	244°K	390474	-40 Hz
2026-01-08 Thursday	20:30	183°	+42°	0 dB	0°	183°	+42°	238°	-1°	2.7dB	245°K	390590	-80 Hz
2026-01-08 Thursday	21:00	193°	+42°	0 dB	0°	193°	+42°	246°	-1°	2.8dB	247°K	390706	-119 Hz
2026-01-08 Thursday	21:30	202°	+40°	0 dB	0°	202°	+40°	253°	-1°	2.8dB	248°K	390822	-157 Hz
2026-01-08 Thursday	22:00	211°	+37°	0 dB	0°	211°	+37°	260°	-1°	2.8dB	250°K	390937	-193 Hz
2026-01-08 Thursday	22:30	220°	+34°	0 dB	0°	220°	+34°	267°	-1°	2.8dB	251°K	391052	-227 Hz
2026-01-08 Thursday	23:00	227°	+31°	0 dB	0°	227°	+31°	275°	-1°	2.9dB	253°K	391167	-259 Hz
2026-01-08 Thursday	23:30	234°	+27°	0 dB	0°	234°	+27°	282°	-1°	2.9dB	254°K	391281	-287 Hz
2026-01-09 Friday	00:00	241°	+22°	0 dB	0°	241°	+22°	289°	-2°	2.9dB	256°K	391395	-311 Hz
2026-01-09 Friday	00:30	247°	+18°	0 dB	0°	247°	+18°	297°	-2°	3.0dB	257°K	391509	-331 Hz
2026-01-09 Friday	01:00	252°	+13°	0 dB	0°	252°	+13°	304°	-2°	3.0dB	259°K	391622	-347 Hz
2026-01-09 Friday	01:30	258°	+8°	0 dB	0°	258°	+8°	311°	-2°	3.0dB	260°K	391735	-357 Hz
2026-01-09 Friday	02:00	263°	+3°	0 dB	0°	263°	+3°	318°	-2°	3.0dB	262°K	391848	-363 Hz
2026-01-09 Friday	15:30	100°	+2°	0 dB	0°	100°	+2°	155°	-5°	3.7dB	305°K	394757	+235 Hz
2026-01-09 Friday	16:00	106°	+6°	0 dB	0°	106°	+6°	163°	-5°	3.7dB	307°K	394860	+228 Hz
2026-01-09 Friday	16:30	111°	+11°	0 dB	0°	111°	+11°	170°	-6°	3.8dB	308°K	394962	+216 Hz
2026-01-09 Friday	17:00	117°	+16°	0 dB	0°	117°	+16°	177°	-6°	3.8dB	310°K	395064	+199 Hz
2026-01-09 Friday	17:30	124°	+20°	0 dB	0°	124°	+20°	184°	-6°	3.8dB	311°K	395165	+178 Hz
2026-01-09 Friday	18:00	130°	+24°	0 dB	0°	130°	+24°	192°	-6°	3.8dB	313°K	395266	+153 Hz
2026-01-09 Friday	18:30	137°	+27°	0 dB	0°	137°	+27°	199°	-6°	3.8dB	313°K	395366	+124 Hz
2026-01-09 Friday	19:00	145°	+31°	0 dB	0°	145°	+31°	206°	-6°	3.8dB	313°K	395466	+93 Hz
2026-01-09 Friday	19:30	153°	+33°	0 dB	0°	153°	+33°	214°	-6°	3.8dB	313°K	395565	+58 Hz
2026-01-09 Friday	20:00	161°	+35°	0 dB	0°	161°	+35°	221°	-6°	3.8dB	313°K	395665	+21 Hz
2026-01-09 Friday	20:30	170°	+36°	0 dB	0°	170°	+36°	228°	-7°	3.8dB	313°K	395763	-17 Hz
2026-01-09 Friday	21:00	179°	+36°	0 dB	0°	179°	+36°	235°	-7°	3.8dB	313°K	395862	-55 Hz
2026-01-09 Friday	21:30	188°	+36°	0 dB	0°	188°	+36°	243°	-7°	3.9dB	313°K	395959	-94 Hz
2026-01-09 Friday	22:00	197°	+35°	0 dB	0°	197°	+35°	250°	-7°	3.9dB	313°K	396057	-132 Hz
2026-01-09 Friday	22:30	206°	+33°	0 dB	0°	206°	+33°	257°	-7°	3.9dB	313°K	396154	-169 Hz
2026-01-09 Friday	23:00	214°	+30°	0 dB	0°	214°	+30°	265°	-7°	3.9dB	313°K	396250	-203 Hz
2026-01-09 Friday	23:30	221°	+27°	0 dB	0°	221°	+27°	272°	-7°	3.9dB	313°K	396347	-235 Hz
2026-01-10 Saturday	00:00	228°	+23°	0 dB	0°	228°	+23°	279°	-7°	3.9dB	313°K	396442	-264 Hz
2026-01-10 Saturday	00:30	234°	+19°	0 dB	0°	234°	+19°	287°	-8°	3.9dB	313°K	396538	-289 Hz
2026-01-10 Saturday	01:00	241°	+15°	0 dB	0°	241°	+15°	294°	-8°	3.9dB	313°K	396632	-311 Hz
2026-01-10 Saturday	01:30	246°	+10°	0 dB	0°	246°	+10°	301°	-8°	3.9dB	313°K	396727	-327 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-10 Saturday	02:00	252°	+5°	0 dB	0°	252°	+5°	308°	-8°	3.9dB	313°K	396821	-340 Hz
2026-01-10 Saturday	02:30	257°	+0°	0 dB	0°	257°	+0°	316°	-8°	3.9dB	313°K	396914	-347 Hz
2026-01-10 Saturday	16:30	108°	+0°	0 dB	0°	108°	+0°	160°	-11°	4.0dB	309°K	399341	+238 Hz
2026-01-10 Saturday	17:00	113°	+5°	0 dB	0°	113°	+5°	167°	-11°	4.0dB	309°K	399421	+228 Hz
2026-01-10 Saturday	17:30	119°	+9°	0 dB	0°	119°	+9°	174°	-11°	4.0dB	309°K	399500	+214 Hz
2026-01-10 Saturday	18:00	125°	+14°	0 dB	0°	125°	+14°	182°	-12°	4.0dB	309°K	399579	+194 Hz
2026-01-10 Saturday	18:30	131°	+18°	0 dB	0°	131°	+18°	189°	-12°	4.0dB	308°K	399657	+171 Hz
2026-01-10 Saturday	19:00	138°	+21°	0 dB	0°	138°	+21°	196°	-12°	4.0dB	308°K	399735	+144 Hz
2026-01-10 Saturday	19:30	145°	+24°	0 dB	0°	145°	+24°	204°	-12°	4.0dB	308°K	399812	+114 Hz
2026-01-10 Saturday	20:00	152°	+27°	0 dB	0°	152°	+27°	211°	-12°	4.0dB	307°K	399889	+81 Hz
2026-01-10 Saturday	20:30	160°	+29°	0 dB	0°	160°	+29°	218°	-12°	4.0dB	307°K	399965	+46 Hz
2026-01-10 Saturday	21:00	168°	+30°	0 dB	0°	168°	+30°	225°	-12°	4.0dB	307°K	400040	+9 Hz
2026-01-10 Saturday	21:30	176°	+31°	0 dB	0°	176°	+31°	233°	-12°	4.0dB	307°K	400116	-28 Hz
2026-01-10 Saturday	22:00	185°	+31°	0 dB	0°	185°	+31°	240°	-12°	4.0dB	306°K	400190	-66 Hz
2026-01-10 Saturday	22:30	193°	+30°	0 dB	0°	193°	+30°	247°	-13°	4.0dB	306°K	400264	-104 Hz
2026-01-10 Saturday	23:00	201°	+28°	0 dB	0°	201°	+28°	255°	-13°	4.0dB	306°K	400338	-140 Hz
2026-01-10 Saturday	23:30	208°	+26°	0 dB	0°	208°	+26°	262°	-13°	4.0dB	306°K	400411	-175 Hz
2026-01-11 Sunday	00:00	216°	+23°	0 dB	0°	216°	+23°	269°	-13°	4.0dB	305°K	400484	-207 Hz
2026-01-11 Sunday	00:30	222°	+20°	0 dB	0°	222°	+20°	276°	-13°	4.0dB	305°K	400556	-236 Hz
2026-01-11 Sunday	01:00	229°	+16°	0 dB	0°	229°	+16°	284°	-13°	4.0dB	305°K	400627	-262 Hz
2026-01-11 Sunday	01:30	235°	+12°	0 dB	0°	235°	+12°	291°	-13°	4.0dB	305°K	400699	-284 Hz
2026-01-11 Sunday	02:00	241°	+8°	0 dB	0°	241°	+8°	298°	-13°	4.0dB	304°K	400769	-302 Hz
2026-01-11 Sunday	02:30	246°	+3°	0 dB	0°	246°	+3°	306°	-13°	4.0dB	304°K	400839	-316 Hz
2026-01-11 Sunday	18:00	120°	+4°	0 dB	0°	120°	+4°	171°	-17°	4.3dB	325°K	402748	+227 Hz
2026-01-11 Sunday	18:30	125°	+8°	0 dB	0°	125°	+8°	179°	-17°	4.3dB	326°K	402801	+210 Hz
2026-01-11 Sunday	19:00	131°	+12°	0 dB	0°	131°	+12°	186°	-17°	4.3dB	327°K	402854	+189 Hz
2026-01-11 Sunday	19:30	137°	+15°	0 dB	0°	137°	+15°	193°	-17°	4.3dB	328°K	402906	+165 Hz
2026-01-11 Sunday	20:00	144°	+18°	0 dB	0°	144°	+18°	201°	-17°	4.3dB	329°K	402957	+137 Hz
2026-01-11 Sunday	20:30	151°	+21°	0 dB	0°	151°	+21°	208°	-17°	4.4dB	330°K	403008	+106 Hz
2026-01-11 Sunday	21:00	158°	+23°	0 dB	0°	158°	+23°	215°	-17°	4.4dB	332°K	403059	+72 Hz
2026-01-11 Sunday	21:30	166°	+25°	0 dB	0°	166°	+25°	222°	-17°	4.4dB	333°K	403108	+37 Hz
2026-01-11 Sunday	22:00	173°	+25°	0 dB	0°	173°	+25°	230°	-17°	4.4dB	334°K	403158	+1 Hz
2026-01-11 Sunday	22:30	181°	+26°	0 dB	0°	181°	+26°	237°	-17°	4.4dB	335°K	403206	-36 Hz
2026-01-11 Sunday	23:00	189°	+25°	0 dB	0°	189°	+25°	244°	-18°	4.4dB	336°K	403255	-72 Hz
2026-01-11 Sunday	23:30	196°	+24°	0 dB	0°	196°	+24°	252°	-18°	4.4dB	337°K	403302	-108 Hz
2026-01-12 Monday	00:00	204°	+22°	0 dB	0°	204°	+22°	259°	-18°	4.5dB	338°K	403349	-142 Hz
2026-01-12 Monday	00:30	211°	+20°	0 dB	0°	211°	+20°	266°	-18°	4.5dB	339°K	403396	-175 Hz
2026-01-12 Monday	01:00	217°	+17°	0 dB	0°	217°	+17°	273°	-18°	4.5dB	340°K	403442	-205 Hz
2026-01-12 Monday	01:30	224°	+13°	0 dB	0°	224°	+13°	281°	-18°	4.5dB	342°K	403488	-231 Hz
2026-01-12 Monday	02:00	230°	+10°	0 dB	0°	230°	+10°	288°	-18°	4.5dB	343°K	403533	-254 Hz
2026-01-12 Monday	02:30	235°	+6°	0 dB	0°	235°	+6°	295°	-18°	4.5dB	344°K	403577	-273 Hz
2026-01-12 Monday	03:00	241°	+1°	0 dB	0°	241°	+1°	302°	-18°	4.5dB	345°K	403621	-289 Hz
2026-01-12 Monday	19:00	125°	+2°	0 dB	0°	125°	+2°	175°	-21°	4.9dB	379°K	404740	+226 Hz
2026-01-12 Monday	19:30	131°	+6°	0 dB	0°	131°	+6°	183°	-21°	5.0dB	380°K	404766	+208 Hz
2026-01-12 Monday	20:00	137°	+10°	0 dB	0°	137°	+10°	190°	-21°	5.0dB	381°K	404792	+185 Hz
2026-01-12 Monday	20:30	143°	+13°	0 dB	0°	143°	+13°	197°	-21°	5.0dB	382°K	404817	+160 Hz
2026-01-12 Monday	21:00	149°	+16°	0 dB	0°	149°	+16°	204°	-21°	5.0dB	383°K	404842	+131 Hz
2026-01-12 Monday	21:30	156°	+18°	0 dB	0°	156°	+18°	212°	-21°	5.0dB	384°K	404866	+100 Hz
2026-01-12 Monday	22:00	163°	+20°	0 dB	0°	163°	+20°	219°	-22°	5.0dB	385°K	404889	+66 Hz
2026-01-12 Monday	22:30	170°	+21°	0 dB	0°	170°	+21°	226°	-22°	5.0dB	386°K	404912	+32 Hz
2026-01-12 Monday	23:00	177°	+21°	0 dB	0°	177°	+21°	233°	-22°	5.0dB	387°K	404935	-4 Hz
2026-01-12 Monday	23:30	185°	+21°	0 dB	0°	185°	+21°	241°	-22°	5.0dB	388°K	404957	-39 Hz
2026-01-13 Tuesday	00:00	192°	+20°	0 dB	0°	192°	+20°	248°	-22°	5.0dB	389°K	404978	-74 Hz
2026-01-13 Tuesday	00:30	199°	+19°	0 dB	0°	199°	+19°	255°	-22°	5.1dB	390°K	404999	-108 Hz
2026-01-13 Tuesday	01:00	206°	+17°	0 dB	0°	206°	+17°	263°	-22°	5.1dB	391°K	405019	-140 Hz
2026-01-13 Tuesday	01:30	212°	+14°	0 dB	0°	212°	+14°	270°	-22°	5.1dB	392°K	405039	-170 Hz
2026-01-13 Tuesday	02:00	218°	+11°	0 dB	0°	218°	+11°	277°	-22°	5.1dB	393°K	405058	-198 Hz
2026-01-13 Tuesday	02:30	224°	+8°	0 dB	0°	224°	+8°	284°	-22°	5.1dB	394°K	405077	-222 Hz
2026-01-13 Tuesday	03:00	230°	+4°	0 dB	0°	230°	+4°	292°	-22°	5.1dB	394°K	405095	-242 Hz
2026-01-13 Tuesday	03:30	235°	+0°	0 dB	0°	235°	+0°	299°	-22°	5.1dB	395°K	405113	-259 Hz
2026-01-13 Tuesday	20:00	130°	+1°	0 dB	0°	130°	+1°	179°	-25°	5.5dB	435°K	405412	+226 Hz
2026-01-13 Tuesday	20:30	135°	+5°	0 dB	0°	135°	+5°	186°	-25°	5.5dB	437°K	405413	+206 Hz
2026-01-13 Tuesday	21:00	141°	+8°	0 dB	0°	141°	+8°	193°	-25°	5.5dB	440°K	405413	+183 Hz
2026-01-13 Tuesday	21:30	147°	+11°	0 dB	0°	147°	+11°	200°	-25°	5.6dB	442°K	405412	+157 Hz
2026-01-13 Tuesday	22:00	154°	+14°	0 dB	0°	154°	+14°	208°	-25°	5.6dB	444°K	405411	+128 Hz
2026-01-13 Tuesday	22:30	160°	+15°	0 dB	0°	160°	+15°	215°	-25°	5.6dB	446°K	405410	+97 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-13 Tuesday	23:00	167°	+17°	0 dB	0°	167°	+17°	222°	-25°	5.6dB	448°K	405408	+64 Hz
2026-01-13 Tuesday	23:30	174°	+18°	0 dB	0°	174°	+18°	229°	-25°	5.6dB	450°K	405406	+30 Hz
2026-01-14 Wednesday	00:00	181°	+18°	0 dB	0°	181°	+18°	237°	-25°	5.6dB	452°K	405403	-4 Hz
2026-01-14 Wednesday	00:30	187°	+17°	0 dB	0°	187°	+17°	244°	-25°	5.7dB	455°K	405400	-39 Hz
2026-01-14 Wednesday	01:00	194°	+16°	0 dB	0°	194°	+16°	251°	-25°	5.7dB	457°K	405396	-72 Hz
2026-01-14 Wednesday	01:30	201°	+15°	0 dB	0°	201°	+15°	258°	-25°	5.7dB	459°K	405392	-105 Hz
2026-01-14 Wednesday	02:00	207°	+13°	0 dB	0°	207°	+13°	266°	-25°	5.7dB	461°K	405387	-135 Hz
2026-01-14 Wednesday	02:30	213°	+10°	0 dB	0°	213°	+10°	273°	-25°	5.7dB	463°K	405382	-163 Hz
2026-01-14 Wednesday	03:00	219°	+7°	0 dB	0°	219°	+7°	280°	-25°	5.7dB	465°K	405377	-188 Hz
2026-01-14 Wednesday	03:30	225°	+4°	0 dB	0°	225°	+4°	287°	-26°	5.8dB	468°K	405370	-210 Hz
2026-01-14 Wednesday	04:00	230°	-0°	0 dB	0°	230°	-0°	295°	-26°	5.8dB	470°K	405364	-229 Hz
2026-01-14 Wednesday	21:00	133°	+1°	0 dB	0°	133°	+1°	181°	-27°	6.9dB	632°K	404874	+227 Hz
2026-01-14 Wednesday	21:30	139°	+4°	0 dB	0°	139°	+4°	188°	-27°	7.0dB	642°K	404852	+207 Hz
2026-01-14 Wednesday	22:00	144°	+7°	0 dB	0°	144°	+7°	196°	-27°	7.0dB	651°K	404830	+183 Hz
2026-01-14 Wednesday	22:30	150°	+10°	0 dB	0°	150°	+10°	203°	-27°	7.1dB	661°K	404807	+156 Hz
2026-01-14 Wednesday	23:00	157°	+12°	0 dB	0°	157°	+12°	210°	-27°	7.2dB	670°K	404784	+127 Hz
2026-01-14 Wednesday	23:30	163°	+14°	0 dB	0°	163°	+14°	217°	-27°	7.2dB	680°K	404761	+96 Hz
2026-01-15 Thursday	00:00	169°	+15°	0 dB	0°	169°	+15°	225°	-27°	7.3dB	689°K	404737	+64 Hz
2026-01-15 Thursday	00:30	176°	+15°	0 dB	0°	176°	+15°	232°	-27°	7.3dB	699°K	404712	+31 Hz
2026-01-15 Thursday	01:00	183°	+16°	0 dB	0°	183°	+16°	239°	-27°	7.4dB	709°K	404687	-3 Hz
2026-01-15 Thursday	01:30	190°	+15°	0 dB	0°	190°	+15°	246°	-27°	7.4dB	718°K	404662	-36 Hz
2026-01-15 Thursday	02:00	196°	+14°	0 dB	0°	196°	+14°	254°	-27°	7.5dB	728°K	404637	-69 Hz
2026-01-15 Thursday	02:30	202°	+12°	0 dB	0°	202°	+12°	261°	-27°	7.5dB	738°K	404611	-100 Hz
2026-01-15 Thursday	03:00	209°	+10°	0 dB	0°	209°	+10°	268°	-28°	7.6dB	747°K	404584	-129 Hz
2026-01-15 Thursday	03:30	215°	+7°	0 dB	0°	215°	+7°	275°	-28°	7.6dB	757°K	404558	-156 Hz
2026-01-15 Thursday	04:00	220°	+4°	0 dB	0°	220°	+4°	283°	-28°	7.7dB	766°K	404531	-179 Hz
2026-01-15 Thursday	04:30	226°	+1°	0 dB	0°	226°	+1°	290°	-28°	7.7dB	776°K	404503	-200 Hz
2026-01-15 Thursday	22:00	135°	+1°	0 dB	0°	135°	+1°	183°	-28°	10.6dB	1574°K	403309	+230 Hz
2026-01-15 Thursday	22:30	141°	+4°	0 dB	0°	141°	+4°	190°	-28°	10.7dB	1602°K	403269	+209 Hz
2026-01-15 Thursday	23:00	147°	+7°	0 dB	0°	147°	+7°	198°	-28°	10.8dB	1656°K	403228	+185 Hz
2026-01-15 Thursday	23:30	152°	+9°	0 dB	0°	152°	+9°	205°	-28°	11.0dB	1720°K	403187	+158 Hz
2026-01-16 Friday	00:00	159°	+12°	0 dB	0°	159°	+12°	212°	-28°	11.1dB	1784°K	403146	+129 Hz
2026-01-16 Friday	00:30	165°	+13°	0 dB	0°	165°	+13°	219°	-28°	11.3dB	1849°K	403105	+98 Hz
2026-01-16 Friday	01:00	171°	+14°	0 dB	0°	171°	+14°	227°	-28°	11.4dB	1913°K	403063	+65 Hz
2026-01-16 Friday	01:30	178°	+15°	0 dB	0°	178°	+15°	234°	-28°	11.5dB	1977°K	403021	+32 Hz
2026-01-16 Friday	02:00	185°	+15°	0 dB	0°	185°	+15°	241°	-28°	11.7dB	2041°K	402978	-1 Hz
2026-01-16 Friday	02:30	191°	+14°	0 dB	0°	191°	+14°	248°	-28°	11.8dB	2105°K	402935	-34 Hz
2026-01-16 Friday	03:00	198°	+13°	0 dB	0°	198°	+13°	256°	-28°	11.9dB	2170°K	402892	-66 Hz
2026-01-16 Friday	03:30	204°	+11°	0 dB	0°	204°	+11°	263°	-28°	12.0dB	2234°K	402849	-96 Hz
2026-01-16 Friday	04:00	210°	+8°	0 dB	0°	210°	+8°	270°	-28°	12.2dB	2298°K	402805	-124 Hz
2026-01-16 Friday	04:30	216°	+6°	0 dB	0°	216°	+6°	277°	-28°	12.3dB	2363°K	402761	-150 Hz
2026-01-16 Friday	05:00	221°	+3°	0 dB	0°	221°	+3°	285°	-28°	12.4dB	2427°K	402717	-173 Hz
2026-01-16 Friday	23:00	137°	+2°	0 dB	0°	137°	+2°	185°	-28°	12.0dB	2268°K	400941	+235 Hz
2026-01-16 Friday	23:30	142°	+5°	0 dB	0°	142°	+5°	192°	-28°	11.9dB	2222°K	400887	+213 Hz
2026-01-17 Saturday	00:00	148°	+8°	0 dB	0°	148°	+8°	199°	-28°	11.8dB	2176°K	400833	+188 Hz
2026-01-17 Saturday	00:30	154°	+10°	0 dB	0°	154°	+10°	207°	-28°	11.7dB	2129°K	400779	+160 Hz
2026-01-17 Saturday	01:00	160°	+12°	0 dB	0°	160°	+12°	214°	-28°	11.7dB	2083°K	400724	+131 Hz
2026-01-17 Saturday	01:30	166°	+14°	0 dB	0°	166°	+14°	221°	-28°	11.6dB	2037°K	400670	+99 Hz
2026-01-17 Saturday	02:00	173°	+15°	0 dB	0°	173°	+15°	228°	-28°	11.5dB	1990°K	400615	+66 Hz
2026-01-17 Saturday	02:30	180°	+15°	0 dB	0°	180°	+15°	236°	-28°	11.4dB	1944°K	400559	+33 Hz
2026-01-17 Saturday	03:00	186°	+15°	0 dB	0°	186°	+15°	243°	-28°	11.3dB	1898°K	400504	-1 Hz
2026-01-17 Saturday	03:30	193°	+14°	0 dB	0°	193°	+14°	250°	-28°	11.1dB	1851°K	400448	-34 Hz
2026-01-17 Saturday	04:00	199°	+13°	0 dB	0°	199°	+13°	257°	-28°	11.0dB	1805°K	400392	-65 Hz
2026-01-17 Saturday	04:30	206°	+11°	0 dB	0°	206°	+11°	265°	-28°	10.9dB	1759°K	400336	-96 Hz
2026-01-17 Saturday	05:00	212°	+8°	0 dB	0°	212°	+8°	272°	-28°	10.8dB	1713°K	400280	-124 Hz
2026-01-17 Saturday	05:30	217°	+6°	0 dB	0°	217°	+6°	279°	-28°	10.7dB	1666°K	400224	-149 Hz
2026-01-17 Saturday	06:00	223°	+2°	0 dB	0°	223°	+2°	286°	-28°	10.6dB	1620°K	400167	-172 Hz
2026-01-17 Saturday	23:30	132°	+1°	0 dB	0°	132°	+1°	180°	-26°	6.6dB	624°K	398070	+259 Hz
2026-01-18 Sunday	00:00	137°	+4°	0 dB	0°	137°	+4°	187°	-26°	6.5dB	611°K	398007	+239 Hz
2026-01-18 Sunday	00:30	143°	+7°	0 dB	0°	143°	+7°	194°	-26°	6.4dB	598°K	397944	+216 Hz
2026-01-18 Sunday	01:00	149°	+10°	0 dB	0°	149°	+10°	201°	-26°	6.3dB	585°K	397881	+190 Hz
2026-01-18 Sunday	01:30	155°	+13°	0 dB	0°	155°	+13°	209°	-26°	6.2dB	572°K	397818	+161 Hz
2026-01-18 Sunday	02:00	161°	+15°	0 dB	0°	161°	+15°	216°	-26°	6.1dB	559°K	397755	+131 Hz
2026-01-18 Sunday	02:30	168°	+16°	0 dB	0°	168°	+16°	223°	-26°	6.0dB	546°K	397691	+98 Hz
2026-01-18 Sunday	03:00	175°	+17°	0 dB	0°	175°	+17°	230°	-26°	5.9dB	SUN!	397628	+64 Hz
2026-01-18 Sunday	03:30	181°	+17°	0 dB	0°	181°	+17°	238°	-26°	5.8dB	SUN!	397564	+30 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-18 Sunday	04:00	188°	+17°	0 dB	0°	188°	+17°	245°	-26°	5.8dB	SUN!	397500	-4 Hz
2026-01-18 Sunday	04:30	195°	+16°	0 dB	0°	195°	+16°	252°	-26°	5.8dB	SUN!	397436	-38 Hz
2026-01-18 Sunday	05:00	202°	+14°	0 dB	0°	202°	+14°	259°	-26°	5.7dB	SUN!	397372	-70 Hz
2026-01-18 Sunday	05:30	208°	+12°	0 dB	0°	208°	+12°	266°	-26°	5.7dB	SUN!	397308	-100 Hz
2026-01-18 Sunday	06:00	214°	+10°	0 dB	0°	214°	+10°	274°	-26°	5.6dB	SUN!	397243	-128 Hz
2026-01-18 Sunday	06:30	220°	+7°	0 dB	0°	220°	+7°	281°	-25°	5.6dB	SUN!	397179	-154 Hz
2026-01-18 Sunday	07:00	226°	+3°	0 dB	0°	226°	+3°	288°	-25°	5.5dB	SUN!	397114	-176 Hz
2026-01-18 Sunday	07:30	231°	-0°	0 dB	0°	231°	-0°	295°	-25°	5.5dB	SUN!	397050	-195 Hz
2026-01-19 Monday	00:00	126°	+0°	0 dB	0°	126°	+0°	175°	-23°	4.2dB	SUN!	394861	+281 Hz
2026-01-19 Monday	00:30	131°	+4°	0 dB	0°	131°	+4°	182°	-23°	4.2dB	SUN!	394793	+263 Hz
2026-01-19 Monday	01:00	137°	+8°	0 dB	0°	137°	+8°	189°	-23°	4.1dB	SUN!	394725	+242 Hz
2026-01-19 Monday	01:30	143°	+11°	0 dB	0°	143°	+11°	196°	-23°	4.1dB	SUN!	394657	+218 Hz
2026-01-19 Monday	02:00	149°	+14°	0 dB	0°	149°	+14°	204°	-23°	4.1dB	SUN!	394589	+190 Hz
2026-01-19 Monday	02:30	156°	+17°	0 dB	0°	156°	+17°	211°	-23°	4.1dB	SUN!	394521	+160 Hz
2026-01-19 Monday	03:00	162°	+18°	0 dB	0°	162°	+18°	218°	-23°	4.1dB	SUN!	394453	+127 Hz
2026-01-19 Monday	03:30	169°	+20°	0 dB	0°	169°	+20°	225°	-23°	4.0dB	SUN!	394385	+93 Hz
2026-01-19 Monday	04:00	177°	+20°	0 dB	0°	177°	+20°	233°	-22°	4.0dB	SUN!	394317	+58 Hz
2026-01-19 Monday	04:30	184°	+20°	0 dB	0°	184°	+20°	240°	-22°	4.0dB	SUN!	394249	+23 Hz
2026-01-19 Monday	05:00	191°	+20°	0 dB	0°	191°	+20°	247°	-22°	4.0dB	SUN!	394180	-13 Hz
2026-01-19 Monday	05:30	198°	+19°	0 dB	0°	198°	+19°	254°	-22°	4.0dB	SUN!	394112	-47 Hz
2026-01-19 Monday	06:00	205°	+17°	0 dB	0°	205°	+17°	262°	-22°	3.9dB	SUN!	394044	-80 Hz
2026-01-19 Monday	06:30	211°	+15°	0 dB	0°	211°	+15°	269°	-22°	3.9dB	SUN!	393975	-111 Hz
2026-01-19 Monday	07:00	218°	+12°	0 dB	0°	218°	+12°	276°	-22°	3.9dB	SUN!	393907	-139 Hz
2026-01-19 Monday	07:30	224°	+9°	0 dB	0°	224°	+9°	283°	-22°	3.9dB	SUN!	393838	-164 Hz
2026-01-19 Monday	08:00	229°	+5°	0 dB	0°	229°	+5°	291°	-22°	3.9dB	SUN!	393770	-186 Hz
2026-01-19 Monday	08:30	235°	+1°	0 dB	0°	235°	+1°	298°	-22°	3.9dB	SUN!	393701	-204 Hz
2026-01-20 Tuesday	00:30	120°	+1°	0 dB	0°	120°	+1°	170°	-19°	3.8dB	326°K	391484	+300 Hz
2026-01-20 Tuesday	01:00	125°	+5°	0 dB	0°	125°	+5°	177°	-19°	3.8dB	326°K	391414	+285 Hz
2026-01-20 Tuesday	01:30	131°	+9°	0 dB	0°	131°	+9°	185°	-19°	3.8dB	326°K	391345	+265 Hz
2026-01-20 Tuesday	02:00	137°	+13°	0 dB	0°	137°	+13°	192°	-19°	3.8dB	326°K	391275	+242 Hz
2026-01-20 Tuesday	02:30	143°	+16°	0 dB	0°	143°	+16°	199°	-18°	3.8dB	326°K	391205	+215 Hz
2026-01-20 Tuesday	03:00	150°	+19°	0 dB	0°	150°	+19°	206°	-18°	3.8dB	326°K	391135	+185 Hz
2026-01-20 Tuesday	03:30	157°	+22°	0 dB	0°	157°	+22°	214°	-18°	3.8dB	326°K	391065	+153 Hz
2026-01-20 Tuesday	04:00	164°	+23°	0 dB	0°	164°	+23°	221°	-18°	3.8dB	326°K	390996	+119 Hz
2026-01-20 Tuesday	04:30	172°	+25°	0 dB	0°	172°	+25°	228°	-18°	3.8dB	326°K	390926	+83 Hz
2026-01-20 Tuesday	05:00	179°	+25°	0 dB	0°	179°	+25°	235°	-18°	3.8dB	326°K	390856	+46 Hz
2026-01-20 Tuesday	05:30	187°	+25°	0 dB	0°	187°	+25°	243°	-18°	3.8dB	326°K	390786	+10 Hz
2026-01-20 Tuesday	06:00	195°	+24°	0 dB	0°	195°	+24°	250°	-18°	3.8dB	326°K	390716	-27 Hz
2026-01-20 Tuesday	06:30	202°	+23°	0 dB	0°	202°	+23°	257°	-18°	3.8dB	326°K	390646	-62 Hz
2026-01-20 Tuesday	07:00	209°	+20°	0 dB	0°	209°	+20°	264°	-18°	3.8dB	326°K	390577	-95 Hz
2026-01-20 Tuesday	07:30	216°	+18°	0 dB	0°	216°	+18°	272°	-17°	3.8dB	326°K	390507	-126 Hz
2026-01-20 Tuesday	08:00	222°	+15°	0 dB	0°	222°	+15°	279°	-17°	3.8dB	326°K	390437	-154 Hz
2026-01-20 Tuesday	08:30	229°	+11°	0 dB	0°	229°	+11°	286°	-17°	3.8dB	326°K	390367	-179 Hz
2026-01-20 Tuesday	09:00	234°	+7°	0 dB	0°	234°	+7°	293°	-17°	3.8dB	326°K	390297	-200 Hz
2026-01-20 Tuesday	09:30	240°	+3°	0 dB	0°	240°	+3°	301°	-17°	3.7dB	326°K	390227	-217 Hz
2026-01-21 Wednesday	01:00	114°	+2°	0 dB	0°	114°	+2°	166°	-14°	3.3dB	298°K	388061	+316 Hz
2026-01-21 Wednesday	01:30	119°	+7°	0 dB	0°	119°	+7°	173°	-14°	3.3dB	296°K	387991	+303 Hz
2026-01-21 Wednesday	02:00	125°	+11°	0 dB	0°	125°	+11°	180°	-13°	3.3dB	295°K	387921	+285 Hz
2026-01-21 Wednesday	02:30	131°	+16°	0 dB	0°	131°	+16°	188°	-13°	3.3dB	294°K	387852	+263 Hz
2026-01-21 Wednesday	03:00	137°	+19°	0 dB	0°	137°	+19°	195°	-13°	3.2dB	292°K	387782	+237 Hz
2026-01-21 Wednesday	03:30	144°	+23°	0 dB	0°	144°	+23°	202°	-13°	3.2dB	290°K	387712	+208 Hz
2026-01-21 Wednesday	04:00	151°	+25°	0 dB	0°	151°	+25°	210°	-13°	3.2dB	289°K	387642	+176 Hz
2026-01-21 Wednesday	04:30	159°	+28°	0 dB	0°	159°	+28°	217°	-13°	3.2dB	287°K	387573	+141 Hz
2026-01-21 Wednesday	05:00	167°	+29°	0 dB	0°	167°	+29°	224°	-13°	3.1dB	285°K	387503	+105 Hz
2026-01-21 Wednesday	05:30	175°	+30°	0 dB	0°	175°	+30°	231°	-13°	3.1dB	283°K	387433	+68 Hz
2026-01-21 Wednesday	06:00	183°	+30°	0 dB	0°	183°	+30°	239°	-12°	3.1dB	282°K	387364	+30 Hz
2026-01-21 Wednesday	06:30	191°	+30°	0 dB	0°	191°	+30°	246°	-12°	3.1dB	280°K	387294	-8 Hz
2026-01-21 Wednesday	07:00	199°	+29°	0 dB	0°	199°	+29°	253°	-12°	3.0dB	278°K	387225	-45 Hz
2026-01-21 Wednesday	07:30	207°	+27°	0 dB	0°	207°	+27°	260°	-12°	3.0dB	276°K	387155	-81 Hz
2026-01-21 Wednesday	08:00	215°	+24°	0 dB	0°	215°	+24°	268°	-12°	3.0dB	275°K	387085	-114 Hz
2026-01-21 Wednesday	08:30	222°	+21°	0 dB	0°	222°	+21°	275°	-12°	3.0dB	273°K	387016	-145 Hz
2026-01-21 Wednesday	09:00	228°	+18°	0 dB	0°	228°	+18°	282°	-12°	2.9dB	271°K	386946	-172 Hz
2026-01-21 Wednesday	09:30	235°	+14°	0 dB	0°	235°	+14°	290°	-12°	2.9dB	269°K	386877	-196 Hz
2026-01-21 Wednesday	10:00	241°	+10°	0 dB	0°	241°	+10°	297°	-12°	2.9dB	268°K	386807	-215 Hz
2026-01-21 Wednesday	10:30	246°	+5°	0 dB	0°	246°	+5°	304°	-11°	2.9dB	266°K	386738	-231 Hz
2026-01-21 Wednesday	11:00	252°	+1°	0 dB	0°	252°	+1°	311°	-11°	2.8dB	264°K	386668	-242 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-22 Thursday	01:00	102°	-0°	0 dB	0°	102°	-0°	155°	-8°	2.5dB	243°K	384732	+335 Hz
2026-01-22 Thursday	01:30	107°	+5°	0 dB	0°	107°	+5°	162°	-8°	2.4dB	243°K	384663	+328 Hz
2026-01-22 Thursday	02:00	113°	+9°	0 dB	0°	113°	+9°	170°	-8°	2.4dB	243°K	384595	+317 Hz
2026-01-22 Thursday	02:30	118°	+14°	0 dB	0°	118°	+14°	177°	-7°	2.4dB	243°K	384526	+301 Hz
2026-01-22 Thursday	03:00	124°	+18°	0 dB	0°	124°	+18°	184°	-7°	2.4dB	243°K	384457	+280 Hz
2026-01-22 Thursday	03:30	131°	+23°	0 dB	0°	131°	+23°	191°	-7°	2.4dB	243°K	384388	+255 Hz
2026-01-22 Thursday	04:00	137°	+26°	0 dB	0°	137°	+26°	199°	-7°	2.4dB	243°K	384320	+227 Hz
2026-01-22 Thursday	04:30	145°	+30°	0 dB	0°	145°	+30°	206°	-7°	2.4dB	243°K	384251	+195 Hz
2026-01-22 Thursday	05:00	153°	+32°	0 dB	0°	153°	+32°	213°	-7°	2.4dB	243°K	384182	+161 Hz
2026-01-22 Thursday	05:30	161°	+35°	0 dB	0°	161°	+35°	220°	-7°	2.4dB	243°K	384114	+125 Hz
2026-01-22 Thursday	06:00	170°	+36°	0 dB	0°	170°	+36°	228°	-7°	2.4dB	243°K	384045	+87 Hz
2026-01-22 Thursday	06:30	179°	+37°	0 dB	0°	179°	+37°	235°	-6°	2.4dB	243°K	383977	+48 Hz
2026-01-22 Thursday	07:00	188°	+36°	0 dB	0°	188°	+36°	242°	-6°	2.4dB	243°K	383908	+9 Hz
2026-01-22 Thursday	07:30	197°	+35°	0 dB	0°	197°	+35°	250°	-6°	2.4dB	243°K	383840	-29 Hz
2026-01-22 Thursday	08:00	205°	+34°	0 dB	0°	205°	+34°	257°	-6°	2.4dB	243°K	383771	-66 Hz
2026-01-22 Thursday	08:30	214°	+31°	0 dB	0°	214°	+31°	264°	-6°	2.4dB	243°K	383703	-101 Hz
2026-01-22 Thursday	09:00	221°	+28°	0 dB	0°	221°	+28°	271°	-6°	2.4dB	243°K	383634	-134 Hz
2026-01-22 Thursday	09:30	229°	+25°	0 dB	0°	229°	+25°	279°	-6°	2.4dB	243°K	383566	-164 Hz
2026-01-22 Thursday	10:00	235°	+21°	0 dB	0°	235°	+21°	286°	-6°	2.4dB	243°K	383498	-190 Hz
2026-01-22 Thursday	10:30	242°	+17°	0 dB	0°	242°	+17°	293°	-5°	2.4dB	242°K	383429	-212 Hz
2026-01-22 Thursday	11:00	247°	+12°	0 dB	0°	247°	+12°	301°	-5°	2.4dB	242°K	383361	-230 Hz
2026-01-22 Thursday	11:30	253°	+8°	0 dB	0°	253°	+8°	308°	-5°	2.4dB	242°K	383293	-243 Hz
2026-01-22 Thursday	12:00	259°	+3°	0 dB	0°	259°	+3°	315°	-5°	2.4dB	242°K	383225	-252 Hz
2026-01-23 Friday	01:30	095°	+2°	0 dB	0°	095°	+2°	152°	-1°	2.2dB	239°K	381394	+340 Hz
2026-01-23 Friday	02:00	100°	+7°	0 dB	0°	100°	+7°	159°	-1°	2.2dB	239°K	381327	+335 Hz
2026-01-23 Friday	02:30	106°	+12°	0 dB	0°	106°	+12°	166°	-1°	2.2dB	239°K	381260	+326 Hz
2026-01-23 Friday	03:00	111°	+17°	0 dB	0°	111°	+17°	173°	-1°	2.2dB	239°K	381192	+312 Hz
2026-01-23 Friday	03:30	117°	+21°	0 dB	0°	117°	+21°	181°	-1°	2.2dB	239°K	381125	+293 Hz
2026-01-23 Friday	04:00	123°	+26°	0 dB	0°	123°	+26°	188°	-1°	2.2dB	239°K	381058	+270 Hz
2026-01-23 Friday	04:30	130°	+30°	0 dB	0°	130°	+30°	195°	-1°	2.2dB	239°K	380991	+243 Hz
2026-01-23 Friday	05:00	138°	+34°	0 dB	0°	138°	+34°	202°	-1°	2.2dB	239°K	380924	+212 Hz
2026-01-23 Friday	05:30	146°	+37°	0 dB	0°	146°	+37°	210°	-0°	2.2dB	239°K	380856	+179 Hz
2026-01-23 Friday	06:00	155°	+40°	0 dB	0°	155°	+40°	217°	-0°	2.2dB	239°K	380789	+143 Hz
2026-01-23 Friday	06:30	164°	+42°	0 dB	0°	164°	+42°	224°	-0°	2.2dB	239°K	380722	+105 Hz
2026-01-23 Friday	07:00	174°	+43°	0 dB	0°	174°	+43°	232°	-0°	2.2dB	239°K	380655	+66 Hz
2026-01-23 Friday	07:30	184°	+43°	0 dB	0°	184°	+43°	239°	+0°	2.2dB	239°K	380588	+27 Hz
2026-01-23 Friday	08:00	194°	+43°	0 dB	0°	194°	+43°	246°	+0°	2.2dB	239°K	380521	-12 Hz
2026-01-23 Friday	08:30	204°	+41°	0 dB	0°	204°	+41°	253°	+0°	2.2dB	239°K	380455	-51 Hz
2026-01-23 Friday	09:00	213°	+39°	0 dB	0°	213°	+39°	261°	+0°	2.2dB	239°K	380388	-87 Hz
2026-01-23 Friday	09:30	221°	+36°	0 dB	0°	221°	+36°	268°	+1°	2.2dB	239°K	380321	-121 Hz
2026-01-23 Friday	10:00	229°	+32°	0 dB	0°	229°	+32°	275°	+1°	2.2dB	239°K	380254	-153 Hz
2026-01-23 Friday	10:30	236°	+28°	0 dB	0°	236°	+28°	282°	+1°	2.2dB	239°K	380187	-181 Hz
2026-01-23 Friday	11:00	243°	+24°	0 dB	0°	243°	+24°	290°	+1°	2.2dB	239°K	380121	-205 Hz
2026-01-23 Friday	11:30	249°	+20°	0 dB	0°	249°	+20°	297°	+1°	2.2dB	239°K	380054	-225 Hz
2026-01-23 Friday	12:00	255°	+15°	0 dB	0°	255°	+15°	304°	+1°	2.2dB	239°K	379987	-240 Hz
2026-01-23 Friday	12:30	260°	+10°	0 dB	0°	260°	+10°	312°	+1°	2.2dB	239°K	379921	-251 Hz
2026-01-23 Friday	13:00	266°	+5°	0 dB	0°	266°	+5°	319°	+2°	2.2dB	239°K	379854	-257 Hz
2026-01-23 Friday	13:30	271°	+0°	0 dB	0°	271°	+0°	326°	+2°	2.2dB	239°K	379788	-258 Hz
2026-01-24 Saturday	02:00	088°	+4°	0 dB	0°	088°	+4°	148°	+5°	2.3dB	256°K	378138	+339 Hz
2026-01-24 Saturday	02:30	093°	+9°	0 dB	0°	093°	+9°	155°	+5°	2.3dB	256°K	378073	+337 Hz
2026-01-24 Saturday	03:00	098°	+14°	0 dB	0°	098°	+14°	162°	+5°	2.3dB	257°K	378007	+330 Hz
2026-01-24 Saturday	03:30	104°	+19°	0 dB	0°	104°	+19°	170°	+5°	2.4dB	258°K	377942	+318 Hz
2026-01-24 Saturday	04:00	110°	+24°	0 dB	0°	110°	+24°	177°	+6°	2.3dB	258°K	377877	+301 Hz
2026-01-24 Saturday	04:30	116°	+29°	0 dB	0°	116°	+29°	184°	+6°	2.4dB	259°K	377812	+280 Hz
2026-01-24 Saturday	05:00	122°	+34°	0 dB	0°	122°	+34°	192°	+6°	2.4dB	259°K	377746	+255 Hz
2026-01-24 Saturday	05:30	130°	+38°	0 dB	0°	130°	+38°	199°	+6°	2.4dB	260°K	377681	+226 Hz
2026-01-24 Saturday	06:00	138°	+42°	0 dB	0°	138°	+42°	206°	+6°	2.4dB	261°K	377616	+194 Hz
2026-01-24 Saturday	06:30	147°	+45°	0 dB	0°	147°	+45°	213°	+6°	2.4dB	261°K	377551	+159 Hz
2026-01-24 Saturday	07:00	157°	+47°	0 dB	0°	157°	+47°	221°	+6°	2.4dB	262°K	377486	+122 Hz
2026-01-24 Saturday	07:30	167°	+49°	0 dB	0°	167°	+49°	228°	+6°	2.4dB	262°K	377421	+84 Hz
2026-01-24 Saturday	08:00	179°	+50°	0 dB	0°	179°	+50°	235°	+7°	2.4dB	263°K	377356	+45 Hz
2026-01-24 Saturday	08:30	190°	+50°	0 dB	0°	190°	+50°	242°	+7°	2.4dB	263°K	377292	+6 Hz
2026-01-24 Saturday	09:00	201°	+48°	0 dB	0°	201°	+48°	250°	+7°	2.4dB	264°K	377227	-33 Hz
2026-01-24 Saturday	09:30	211°	+46°	0 dB	0°	211°	+46°	257°	+7°	2.4dB	265°K	377162	-70 Hz
2026-01-24 Saturday	10:00	221°	+43°	0 dB	0°	221°	+43°	264°	+7°	2.4dB	265°K	377098	-105 Hz
2026-01-24 Saturday	10:30	229°	+40°	0 dB	0°	229°	+40°	271°	+7°	2.4dB	266°K	377033	-138 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-24 Saturday	11:00	237°	+36°	0 dB	0°	237°	+36°	279°	+7°	2.4dB	266°K	376968	-167 Hz
2026-01-24 Saturday	11:30	244°	+32°	0 dB	0°	244°	+32°	286°	+8°	2.4dB	267°K	376904	-193 Hz
2026-01-24 Saturday	12:00	251°	+27°	0 dB	0°	251°	+27°	293°	+8°	2.4dB	268°K	376840	-215 Hz
2026-01-24 Saturday	12:30	257°	+22°	0 dB	0°	257°	+22°	301°	+8°	2.4dB	268°K	376775	-233 Hz
2026-01-24 Saturday	13:00	262°	+17°	0 dB	0°	262°	+17°	308°	+8°	2.4dB	269°K	376711	-246 Hz
2026-01-24 Saturday	13:30	268°	+12°	0 dB	0°	268°	+12°	315°	+8°	2.4dB	269°K	376647	-254 Hz
2026-01-24 Saturday	14:00	273°	+8°	0 dB	0°	273°	+8°	322°	+8°	2.4dB	270°K	376583	-258 Hz
2026-01-24 Saturday	14:30	278°	+3°	0 dB	0°	278°	+3°	330°	+8°	2.5dB	271°K	376518	-256 Hz
2026-01-25 Sunday	02:00	075°	+1°	0 dB	0°	075°	+1°	137°	+11°	2.6dB	284°K	375062	+328 Hz
2026-01-25 Sunday	02:30	081°	+6°	0 dB	0°	081°	+6°	144°	+11°	2.6dB	285°K	375000	+333 Hz
2026-01-25 Sunday	03:00	086°	+11°	0 dB	0°	086°	+11°	151°	+12°	2.6dB	286°K	374937	+333 Hz
2026-01-25 Sunday	03:30	091°	+16°	0 dB	0°	091°	+16°	158°	+12°	2.6dB	286°K	374875	+328 Hz
2026-01-25 Sunday	04:00	096°	+21°	0 dB	0°	096°	+21°	166°	+12°	2.6dB	287°K	374813	+319 Hz
2026-01-25 Sunday	04:30	101°	+26°	0 dB	0°	101°	+26°	173°	+12°	2.6dB	287°K	374751	+305 Hz
2026-01-25 Sunday	05:00	107°	+31°	0 dB	0°	107°	+31°	180°	+12°	2.6dB	288°K	374689	+286 Hz
2026-01-25 Sunday	05:30	114°	+36°	0 dB	0°	114°	+36°	187°	+12°	2.6dB	289°K	374627	+263 Hz
2026-01-25 Sunday	06:00	121°	+41°	0 dB	0°	121°	+41°	195°	+12°	2.6dB	289°K	374565	+237 Hz
2026-01-25 Sunday	06:30	128°	+45°	0 dB	0°	128°	+45°	202°	+12°	2.6dB	290°K	374503	+207 Hz
2026-01-25 Sunday	07:00	137°	+49°	0 dB	0°	137°	+49°	209°	+13°	2.6dB	291°K	374441	+174 Hz
2026-01-25 Sunday	07:30	147°	+52°	0 dB	0°	147°	+52°	216°	+13°	2.6dB	291°K	374380	+139 Hz
2026-01-25 Sunday	08:00	159°	+54°	0 dB	0°	159°	+54°	224°	+13°	2.6dB	292°K	374318	+102 Hz
2026-01-25 Sunday	08:30	171°	+56°	0 dB	0°	171°	+56°	231°	+13°	2.6dB	292°K	374257	+64 Hz
2026-01-25 Sunday	09:00	184°	+56°	0 dB	0°	184°	+56°	238°	+13°	2.6dB	293°K	374195	+26 Hz
2026-01-25 Sunday	09:30	197°	+55°	0 dB	0°	197°	+55°	245°	+13°	2.6dB	294°K	374134	-13 Hz
2026-01-25 Sunday	10:00	208°	+54°	0 dB	0°	208°	+54°	253°	+13°	2.6dB	294°K	374073	-50 Hz
2026-01-25 Sunday	10:30	219°	+51°	0 dB	0°	219°	+51°	260°	+13°	2.6dB	295°K	374012	-86 Hz
2026-01-25 Sunday	11:00	229°	+47°	0 dB	0°	229°	+47°	267°	+14°	2.6dB	295°K	373951	-119 Hz
2026-01-25 Sunday	11:30	237°	+44°	0 dB	0°	237°	+44°	274°	+14°	2.7dB	296°K	373890	-150 Hz
2026-01-25 Sunday	12:00	245°	+39°	0 dB	0°	245°	+39°	282°	+14°	2.7dB	296°K	373829	-177 Hz
2026-01-25 Sunday	12:30	252°	+35°	0 dB	0°	252°	+35°	289°	+14°	2.6dB	296°K	373769	-201 Hz
2026-01-25 Sunday	13:00	258°	+30°	0 dB	0°	258°	+30°	296°	+14°	2.7dB	297°K	373708	-221 Hz
2026-01-25 Sunday	13:30	264°	+25°	0 dB	0°	264°	+25°	303°	+14°	2.7dB	297°K	373648	-236 Hz
2026-01-25 Sunday	14:00	269°	+20°	0 dB	0°	269°	+20°	311°	+14°	2.7dB	297°K	373587	-247 Hz
2026-01-25 Sunday	14:30	274°	+15°	0 dB	0°	274°	+15°	318°	+14°	2.7dB	298°K	373527	-253 Hz
2026-01-25 Sunday	15:00	280°	+10°	0 dB	0°	280°	+10°	325°	+14°	2.7dB	298°K	373467	-254 Hz
2026-01-25 Sunday	15:30	285°	+5°	0 dB	0°	285°	+5°	332°	+15°	2.7dB	298°K	373407	-251 Hz
2026-01-25 Sunday	16:00	290°	+0°	0 dB	0°	290°	+0°	340°	+15°	2.7dB	299°K	373347	-243 Hz
2026-01-26 Monday	02:30	068°	+2°	0 dB	0°	068°	+2°	132°	+17°	2.7dB	310°K	372115	+312 Hz
2026-01-26 Monday	03:00	073°	+7°	0 dB	0°	073°	+7°	139°	+17°	2.8dB	312°K	372058	+319 Hz
2026-01-26 Monday	03:30	078°	+12°	0 dB	0°	078°	+12°	146°	+17°	2.8dB	314°K	372001	+322 Hz
2026-01-26 Monday	04:00	083°	+17°	0 dB	0°	083°	+17°	154°	+18°	2.8dB	315°K	371944	+321 Hz
2026-01-26 Monday	04:30	088°	+22°	0 dB	0°	088°	+22°	161°	+18°	2.8dB	317°K	371887	+314 Hz
2026-01-26 Monday	05:00	093°	+27°	0 dB	0°	093°	+27°	168°	+18°	2.8dB	319°K	371831	+304 Hz
2026-01-26 Monday	05:30	098°	+32°	0 dB	0°	098°	+32°	175°	+18°	2.8dB	320°K	371774	+288 Hz
2026-01-26 Monday	06:00	104°	+37°	0 dB	0°	104°	+37°	182°	+18°	2.9dB	322°K	371718	+269 Hz
2026-01-26 Monday	06:30	111°	+42°	0 dB	0°	111°	+42°	190°	+18°	2.9dB	323°K	371662	+246 Hz
2026-01-26 Monday	07:00	118°	+47°	0 dB	0°	118°	+47°	197°	+18°	2.9dB	325°K	371606	+219 Hz
2026-01-26 Monday	07:30	126°	+51°	0 dB	0°	126°	+51°	204°	+18°	2.9dB	327°K	371550	+188 Hz
2026-01-26 Monday	08:00	136°	+55°	0 dB	0°	136°	+55°	211°	+18°	2.9dB	328°K	371494	+156 Hz
2026-01-26 Monday	08:30	147°	+58°	0 dB	0°	147°	+58°	219°	+19°	2.9dB	330°K	371438	+121 Hz
2026-01-26 Monday	09:00	160°	+61°	0 dB	0°	160°	+61°	226°	+19°	3.0dB	332°K	371383	+85 Hz
2026-01-26 Monday	09:30	174°	+62°	0 dB	0°	174°	+62°	233°	+19°	3.0dB	333°K	371327	+48 Hz
2026-01-26 Monday	10:00	189°	+62°	0 dB	0°	189°	+62°	240°	+19°	3.0dB	335°K	371272	+10 Hz
2026-01-26 Monday	10:30	203°	+61°	0 dB	0°	203°	+61°	248°	+19°	3.0dB	337°K	371217	-27 Hz
2026-01-26 Monday	11:00	216°	+58°	0 dB	0°	216°	+58°	255°	+19°	3.0dB	338°K	371163	-62 Hz
2026-01-26 Monday	11:30	227°	+55°	0 dB	0°	227°	+55°	262°	+19°	3.0dB	340°K	371108	-96 Hz
2026-01-26 Monday	12:00	237°	+51°	0 dB	0°	237°	+51°	269°	+19°	3.0dB	342°K	371053	-128 Hz
2026-01-26 Monday	12:30	245°	+47°	0 dB	0°	245°	+47°	277°	+19°	3.1dB	343°K	370999	-157 Hz
2026-01-26 Monday	13:00	252°	+42°	0 dB	0°	252°	+42°	284°	+19°	3.1dB	345°K	370945	-182 Hz
2026-01-26 Monday	13:30	258°	+37°	0 dB	0°	258°	+37°	291°	+20°	3.1dB	347°K	370891	-204 Hz
2026-01-26 Monday	14:00	264°	+32°	0 dB	0°	264°	+32°	298°	+20°	3.1dB	348°K	370837	-222 Hz
2026-01-26 Monday	14:30	270°	+27°	0 dB	0°	270°	+27°	305°	+20°	3.1dB	349°K	370783	-236 Hz
2026-01-26 Monday	15:00	275°	+22°	0 dB	0°	275°	+22°	313°	+20°	3.1dB	350°K	370730	-245 Hz
2026-01-26 Monday	15:30	280°	+18°	0 dB	0°	280°	+18°	320°	+20°	3.1dB	351°K	370677	-250 Hz
2026-01-26 Monday	16:00	285°	+13°	0 dB	0°	285°	+13°	327°	+20°	3.1dB	351°K	370624	-250 Hz
2026-01-26 Monday	16:30	290°	+8°	0 dB	0°	290°	+8°	334°	+20°	3.1dB	352°K	370571	-246 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-26 Monday	17:00	295°	+3°	0 dB	0°	295°	+3°	342°	+20°	3.1dB	353°K	370518	-237 Hz
2026-01-27 Tuesday	03:00	061°	+2°	0 dB	0°	061°	+2°	126°	+22°	3.2dB	368°K	369505	+289 Hz
2026-01-27 Tuesday	03:30	065°	+7°	0 dB	0°	065°	+7°	133°	+22°	3.2dB	367°K	369456	+299 Hz
2026-01-27 Tuesday	04:00	070°	+11°	0 dB	0°	070°	+11°	140°	+22°	3.2dB	366°K	369408	+305 Hz
2026-01-27 Tuesday	04:30	075°	+16°	0 dB	0°	075°	+16°	148°	+23°	3.2dB	365°K	369360	+307 Hz
2026-01-27 Tuesday	05:00	080°	+21°	0 dB	0°	080°	+21°	155°	+23°	3.2dB	365°K	369313	+305 Hz
2026-01-27 Tuesday	05:30	085°	+26°	0 dB	0°	085°	+26°	162°	+23°	3.2dB	364°K	369265	+298 Hz
2026-01-27 Tuesday	06:00	090°	+31°	0 dB	0°	090°	+31°	169°	+23°	3.2dB	363°K	369218	+286 Hz
2026-01-27 Tuesday	06:30	095°	+36°	0 dB	0°	095°	+36°	177°	+23°	3.2dB	362°K	369171	+271 Hz
2026-01-27 Tuesday	07:00	101°	+41°	0 dB	0°	101°	+41°	184°	+23°	3.2dB	361°K	369124	+251 Hz
2026-01-27 Tuesday	07:30	107°	+46°	0 dB	0°	107°	+46°	191°	+23°	3.1dB	360°K	369077	+228 Hz
2026-01-27 Tuesday	08:00	114°	+51°	0 dB	0°	114°	+51°	198°	+23°	3.1dB	359°K	369031	+202 Hz
2026-01-27 Tuesday	08:30	122°	+56°	0 dB	0°	122°	+56°	205°	+23°	3.1dB	358°K	368985	+172 Hz
2026-01-27 Tuesday	09:00	132°	+60°	0 dB	0°	132°	+60°	213°	+23°	3.1dB	357°K	368939	+140 Hz
2026-01-27 Tuesday	09:30	145°	+63°	0 dB	0°	145°	+63°	220°	+23°	3.1dB	356°K	368893	+106 Hz
2026-01-27 Tuesday	10:00	159°	+66°	0 dB	0°	159°	+66°	227°	+23°	3.1dB	356°K	368848	+71 Hz
2026-01-27 Tuesday	10:30	176°	+67°	0 dB	0°	176°	+67°	234°	+24°	3.1dB	355°K	368803	+35 Hz
2026-01-27 Tuesday	11:00	193°	+67°	0 dB	0°	193°	+67°	241°	+24°	3.1dB	354°K	368758	-1 Hz
2026-01-27 Tuesday	11:30	209°	+65°	0 dB	0°	209°	+65°	249°	+24°	3.1dB	353°K	368714	-36 Hz
2026-01-27 Tuesday	12:00	222°	+62°	0 dB	0°	222°	+62°	256°	+24°	3.0dB	352°K	368669	-71 Hz
2026-01-27 Tuesday	12:30	233°	+58°	0 dB	0°	233°	+58°	263°	+24°	3.0dB	351°K	368625	-103 Hz
2026-01-27 Tuesday	13:00	243°	+54°	0 dB	0°	243°	+54°	270°	+24°	3.0dB	350°K	368581	-133 Hz
2026-01-27 Tuesday	13:30	251°	+50°	0 dB	0°	251°	+50°	277°	+24°	3.0dB	349°K	368538	-161 Hz
2026-01-27 Tuesday	14:00	257°	+45°	0 dB	0°	257°	+45°	285°	+24°	3.0dB	348°K	368495	-185 Hz
2026-01-27 Tuesday	14:30	264°	+40°	0 dB	0°	264°	+40°	292°	+24°	3.0dB	348°K	368452	-206 Hz
2026-01-27 Tuesday	15:00	269°	+35°	0 dB	0°	269°	+35°	299°	+24°	3.0dB	348°K	368409	-223 Hz
2026-01-27 Tuesday	15:30	274°	+30°	0 dB	0°	274°	+30°	306°	+24°	3.0dB	349°K	368366	-236 Hz
2026-01-27 Tuesday	16:00	279°	+25°	0 dB	0°	279°	+25°	313°	+24°	3.0dB	350°K	368324	-244 Hz
2026-01-27 Tuesday	16:30	284°	+20°	0 dB	0°	284°	+20°	321°	+25°	3.0dB	351°K	368282	-248 Hz
2026-01-27 Tuesday	17:00	289°	+15°	0 dB	0°	289°	+15°	328°	+25°	3.0dB	352°K	368241	-248 Hz
2026-01-27 Tuesday	17:30	294°	+11°	0 dB	0°	294°	+11°	335°	+25°	3.0dB	353°K	368199	-243 Hz
2026-01-27 Tuesday	18:00	298°	+6°	0 dB	0°	298°	+6°	342°	+25°	3.0dB	354°K	368158	-235 Hz
2026-01-27 Tuesday	18:30	304°	+2°	0 dB	0°	304°	+2°	349°	+25°	3.0dB	355°K	368118	-222 Hz
2026-01-28 Wednesday	03:30	053°	+1°	0 dB	0°	053°	+1°	119°	+26°	3.2dB	373°K	367435	+259 Hz
2026-01-28 Wednesday	04:00	058°	+5°	0 dB	0°	058°	+5°	126°	+26°	3.2dB	374°K	367400	+273 Hz
2026-01-28 Wednesday	04:30	063°	+10°	0 dB	0°	063°	+10°	133°	+26°	3.2dB	375°K	367366	+283 Hz
2026-01-28 Wednesday	05:00	068°	+14°	0 dB	0°	068°	+14°	141°	+26°	3.2dB	377°K	367332	+288 Hz
2026-01-28 Wednesday	05:30	072°	+19°	0 dB	0°	072°	+19°	148°	+26°	3.2dB	378°K	367298	+290 Hz
2026-01-28 Wednesday	06:00	077°	+24°	0 dB	0°	077°	+24°	155°	+26°	3.3dB	379°K	367264	+287 Hz
2026-01-28 Wednesday	06:30	082°	+29°	0 dB	0°	082°	+29°	162°	+26°	3.3dB	381°K	367231	+281 Hz
2026-01-28 Wednesday	07:00	086°	+34°	0 dB	0°	086°	+34°	169°	+26°	3.3dB	382°K	367198	+270 Hz
2026-01-28 Wednesday	07:30	091°	+39°	0 dB	0°	091°	+39°	177°	+26°	3.3dB	383°K	367165	+255 Hz
2026-01-28 Wednesday	08:00	097°	+44°	0 dB	0°	097°	+44°	184°	+27°	3.3dB	385°K	367133	+236 Hz
2026-01-28 Wednesday	08:30	103°	+49°	0 dB	0°	103°	+49°	191°	+27°	3.3dB	386°K	367101	+213 Hz
2026-01-28 Wednesday	09:00	110°	+54°	0 dB	0°	110°	+54°	198°	+27°	3.3dB	387°K	367070	+187 Hz
2026-01-28 Wednesday	09:30	118°	+58°	0 dB	0°	118°	+58°	205°	+27°	3.3dB	389°K	367039	+159 Hz
2026-01-28 Wednesday	10:00	128°	+63°	0 dB	0°	128°	+63°	213°	+27°	3.3dB	390°K	367008	+128 Hz
2026-01-28 Wednesday	10:30	141°	+66°	0 dB	0°	141°	+66°	220°	+27°	3.4dB	391°K	366977	+95 Hz
2026-01-28 Wednesday	11:00	156°	+69°	0 dB	0°	156°	+69°	227°	+27°	3.4dB	393°K	366947	+61 Hz
2026-01-28 Wednesday	11:30	175°	+70°	0 dB	0°	175°	+70°	234°	+27°	3.4dB	394°K	366918	+26 Hz
2026-01-28 Wednesday	12:00	194°	+70°	0 dB	0°	194°	+70°	241°	+27°	3.4dB	395°K	366888	-9 Hz
2026-01-28 Wednesday	12:30	211°	+68°	0 dB	0°	211°	+68°	248°	+27°	3.4dB	397°K	366859	-43 Hz
2026-01-28 Wednesday	13:00	226°	+65°	0 dB	0°	226°	+65°	256°	+27°	3.4dB	398°K	366831	-77 Hz
2026-01-28 Wednesday	13:30	237°	+61°	0 dB	0°	237°	+61°	263°	+27°	3.4dB	400°K	366802	-108 Hz
2026-01-28 Wednesday	14:00	246°	+57°	0 dB	0°	246°	+57°	270°	+27°	3.4dB	401°K	366774	-138 Hz
2026-01-28 Wednesday	14:30	254°	+52°	0 dB	0°	254°	+52°	277°	+27°	3.5dB	403°K	366747	-165 Hz
2026-01-28 Wednesday	15:00	261°	+47°	0 dB	0°	261°	+47°	284°	+27°	3.5dB	404°K	366720	-189 Hz
2026-01-28 Wednesday	15:30	266°	+42°	0 dB	0°	266°	+42°	292°	+27°	3.5dB	406°K	366693	-209 Hz
2026-01-28 Wednesday	16:00	272°	+37°	0 dB	0°	272°	+37°	299°	+27°	3.5dB	407°K	366667	-226 Hz
2026-01-28 Wednesday	16:30	277°	+32°	0 dB	0°	277°	+32°	306°	+27°	3.5dB	409°K	366641	-238 Hz
2026-01-28 Wednesday	17:00	281°	+27°	0 dB	0°	281°	+27°	313°	+27°	3.5dB	410°K	366615	-247 Hz
2026-01-28 Wednesday	17:30	286°	+22°	0 dB	0°	286°	+22°	320°	+27°	3.5dB	412°K	366590	-252 Hz
2026-01-28 Wednesday	18:00	291°	+18°	0 dB	0°	291°	+18°	328°	+27°	3.6dB	414°K	366565	-252 Hz
2026-01-28 Wednesday	18:30	295°	+13°	0 dB	0°	295°	+13°	335°	+28°	3.6dB	415°K	366541	-248 Hz
2026-01-28 Wednesday	19:00	300°	+9°	0 dB	0°	300°	+9°	342°	+28°	3.6dB	417°K	366517	-240 Hz
2026-01-28 Wednesday	19:30	305°	+4°	0 dB	0°	305°	+4°	349°	+28°	3.6dB	418°K	366493	-228 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-28 Wednesday	20:00	310°	+0°	0 dB	0°	310°	+0°	356°	+28°	3.6dB	420°K	366470	-212 Hz
2026-01-29 Thursday	04:30	051°	+2°	0 dB	0°	051°	+2°	118°	+28°	3.9dB	457°K	366137	+241 Hz
2026-01-29 Thursday	05:00	056°	+6°	0 dB	0°	056°	+6°	126°	+28°	3.9dB	460°K	366121	+255 Hz
2026-01-29 Thursday	05:30	061°	+11°	0 dB	0°	061°	+11°	133°	+28°	4.0dB	463°K	366106	+265 Hz
2026-01-29 Thursday	06:00	066°	+15°	0 dB	0°	066°	+15°	140°	+28°	4.0dB	466°K	366091	+271 Hz
2026-01-29 Thursday	06:30	070°	+20°	0 dB	0°	070°	+20°	147°	+28°	4.0dB	469°K	366077	+273 Hz
2026-01-29 Thursday	07:00	075°	+24°	0 dB	0°	075°	+24°	154°	+28°	4.0dB	472°K	366063	+271 Hz
2026-01-29 Thursday	07:30	079°	+29°	0 dB	0°	079°	+29°	161°	+28°	4.1dB	475°K	366049	+265 Hz
2026-01-29 Thursday	08:00	084°	+34°	0 dB	0°	084°	+34°	169°	+28°	4.1dB	478°K	366036	+255 Hz
2026-01-29 Thursday	08:30	089°	+39°	0 dB	0°	089°	+39°	176°	+28°	4.1dB	481°K	366023	+241 Hz
2026-01-29 Thursday	09:00	094°	+44°	0 dB	0°	094°	+44°	183°	+28°	4.1dB	484°K	366011	+223 Hz
2026-01-29 Thursday	09:30	100°	+49°	0 dB	0°	100°	+49°	190°	+28°	4.1dB	487°K	365999	+201 Hz
2026-01-29 Thursday	10:00	107°	+54°	0 dB	0°	107°	+54°	197°	+28°	4.2dB	490°K	365988	+176 Hz
2026-01-29 Thursday	10:30	115°	+59°	0 dB	0°	115°	+59°	204°	+28°	4.2dB	493°K	365977	+148 Hz
2026-01-29 Thursday	11:00	125°	+63°	0 dB	0°	125°	+63°	212°	+28°	4.2dB	496°K	365967	+118 Hz
2026-01-29 Thursday	11:30	137°	+67°	0 dB	0°	137°	+67°	219°	+28°	4.2dB	499°K	365957	+86 Hz
2026-01-29 Thursday	12:00	153°	+70°	0 dB	0°	153°	+70°	226°	+28°	4.2dB	500°K	365947	+53 Hz
2026-01-29 Thursday	12:30	172°	+72°	0 dB	0°	172°	+72°	233°	+28°	4.2dB	500°K	365938	+18 Hz
2026-01-29 Thursday	13:00	192°	+72°	0 dB	0°	192°	+72°	240°	+28°	4.2dB	500°K	365930	-16 Hz
2026-01-29 Thursday	13:30	211°	+70°	0 dB	0°	211°	+70°	248°	+28°	4.2dB	500°K	365922	-50 Hz
2026-01-29 Thursday	14:00	226°	+67°	0 dB	0°	226°	+67°	255°	+28°	4.2dB	500°K	365914	-83 Hz
2026-01-29 Thursday	14:30	238°	+63°	0 dB	0°	238°	+63°	262°	+28°	4.2dB	500°K	365907	-115 Hz
2026-01-29 Thursday	15:00	247°	+58°	0 dB	0°	247°	+58°	269°	+28°	4.2dB	500°K	365900	-145 Hz
2026-01-29 Thursday	15:30	255°	+53°	0 dB	0°	255°	+53°	276°	+28°	4.2dB	500°K	365894	-172 Hz
2026-01-29 Thursday	16:00	261°	+48°	0 dB	0°	261°	+48°	283°	+28°	4.2dB	500°K	365888	-196 Hz
2026-01-29 Thursday	16:30	267°	+43°	0 dB	0°	267°	+43°	291°	+28°	4.2dB	500°K	365883	-217 Hz
2026-01-29 Thursday	17:00	272°	+38°	0 dB	0°	272°	+38°	298°	+28°	4.2dB	500°K	365878	-234 Hz
2026-01-29 Thursday	17:30	277°	+33°	0 dB	0°	277°	+33°	305°	+28°	4.2dB	500°K	365874	-247 Hz
2026-01-29 Thursday	18:00	282°	+28°	0 dB	0°	282°	+28°	312°	+28°	4.2dB	500°K	365870	-257 Hz
2026-01-29 Thursday	18:30	286°	+24°	0 dB	0°	286°	+24°	319°	+28°	4.2dB	500°K	365867	-262 Hz
2026-01-29 Thursday	19:00	291°	+19°	0 dB	0°	291°	+19°	326°	+28°	4.2dB	500°K	365864	-263 Hz
2026-01-29 Thursday	19:30	295°	+14°	0 dB	0°	295°	+14°	334°	+28°	4.2dB	500°K	365862	-260 Hz
2026-01-29 Thursday	20:00	300°	+10°	0 dB	0°	300°	+10°	341°	+28°	4.2dB	500°K	365860	-253 Hz
2026-01-29 Thursday	20:30	305°	+6°	0 dB	0°	305°	+6°	348°	+28°	4.2dB	500°K	365858	-242 Hz
2026-01-29 Thursday	21:00	310°	+2°	0 dB	0°	310°	+2°	355°	+28°	4.2dB	500°K	365857	-227 Hz
2026-01-30 Friday	05:30	051°	+2°	0 dB	0°	051°	+2°	117°	+28°	3.8dB	444°K	365918	+223 Hz
2026-01-30 Friday	06:00	056°	+6°	0 dB	0°	056°	+6°	124°	+28°	3.8dB	440°K	365926	+238 Hz
2026-01-30 Friday	06:30	060°	+10°	0 dB	0°	060°	+10°	132°	+28°	3.7dB	437°K	365935	+249 Hz
2026-01-30 Friday	07:00	065°	+14°	0 dB	0°	065°	+14°	139°	+28°	3.7dB	433°K	365944	+256 Hz
2026-01-30 Friday	07:30	070°	+19°	0 dB	0°	070°	+19°	146°	+28°	3.7dB	429°K	365954	+259 Hz
2026-01-30 Friday	08:00	074°	+24°	0 dB	0°	074°	+24°	153°	+28°	3.6dB	425°K	365964	+258 Hz
2026-01-30 Friday	08:30	079°	+28°	0 dB	0°	079°	+28°	160°	+28°	3.6dB	421°K	365975	+253 Hz
2026-01-30 Friday	09:00	084°	+33°	0 dB	0°	084°	+33°	167°	+28°	3.6dB	417°K	365986	+243 Hz
2026-01-30 Friday	09:30	089°	+38°	0 dB	0°	089°	+38°	175°	+28°	3.5dB	413°K	365998	+230 Hz
2026-01-30 Friday	10:00	094°	+43°	0 dB	0°	094°	+43°	182°	+28°	3.5dB	411°K	366010	+212 Hz
2026-01-30 Friday	10:30	100°	+48°	0 dB	0°	100°	+48°	189°	+28°	3.5dB	409°K	366023	+191 Hz
2026-01-30 Friday	11:00	106°	+53°	0 dB	0°	106°	+53°	196°	+28°	3.5dB	407°K	366036	+167 Hz
2026-01-30 Friday	11:30	114°	+58°	0 dB	0°	114°	+58°	203°	+28°	3.4dB	405°K	366050	+139 Hz
2026-01-30 Friday	12:00	124°	+62°	0 dB	0°	124°	+62°	211°	+28°	3.4dB	403°K	366064	+109 Hz
2026-01-30 Friday	12:30	136°	+66°	0 dB	0°	136°	+66°	218°	+28°	3.4dB	401°K	366079	+77 Hz
2026-01-30 Friday	13:00	151°	+69°	0 dB	0°	151°	+69°	225°	+28°	3.4dB	399°K	366095	+44 Hz
2026-01-30 Friday	13:30	169°	+71°	0 dB	0°	169°	+71°	232°	+28°	3.4dB	397°K	366111	+10 Hz
2026-01-30 Friday	14:00	189°	+71°	0 dB	0°	189°	+71°	239°	+28°	3.4dB	395°K	366127	-25 Hz
2026-01-30 Friday	14:30	207°	+69°	0 dB	0°	207°	+69°	246°	+28°	3.3dB	393°K	366144	-60 Hz
2026-01-30 Friday	15:00	223°	+66°	0 dB	0°	223°	+66°	254°	+28°	3.3dB	391°K	366162	-93 Hz
2026-01-30 Friday	15:30	235°	+63°	0 dB	0°	235°	+63°	261°	+27°	3.3dB	389°K	366180	-126 Hz
2026-01-30 Friday	16:00	244°	+58°	0 dB	0°	244°	+58°	268°	+27°	3.3dB	387°K	366199	-156 Hz
2026-01-30 Friday	16:30	252°	+53°	0 dB	0°	252°	+53°	275°	+27°	3.3dB	385°K	366218	-184 Hz
2026-01-30 Friday	17:00	259°	+49°	0 dB	0°	259°	+49°	282°	+27°	3.2dB	383°K	366238	-209 Hz
2026-01-30 Friday	17:30	265°	+43°	0 dB	0°	265°	+43°	290°	+27°	3.2dB	381°K	366258	-231 Hz
2026-01-30 Friday	18:00	270°	+38°	0 dB	0°	270°	+38°	297°	+27°	3.2dB	379°K	366279	-249 Hz
2026-01-30 Friday	18:30	275°	+33°	0 dB	0°	275°	+33°	304°	+27°	3.2dB	377°K	366300	-263 Hz
2026-01-30 Friday	19:00	280°	+28°	0 dB	0°	280°	+28°	311°	+27°	3.2dB	375°K	366322	-274 Hz
2026-01-30 Friday	19:30	285°	+23°	0 dB	0°	285°	+23°	318°	+27°	3.2dB	373°K	366344	-280 Hz
2026-01-30 Friday	20:00	289°	+19°	0 dB	0°	289°	+19°	325°	+27°	3.1dB	371°K	366367	-282 Hz
2026-01-30 Friday	20:30	294°	+14°	0 dB	0°	294°	+14°	333°	+27°	3.1dB	370°K	366390	-279 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-01-30 Friday	21:00	298°	+9°	0 dB	0°	298°	+9°	340°	+27°	3.1dB	367°K	366414	-273 Hz
2026-01-30 Friday	21:30	303°	+5°	0 dB	0°	303°	+5°	347°	+27°	3.1dB	364°K	366439	-263 Hz
2026-01-30 Friday	22:00	308°	+1°	0 dB	0°	308°	+1°	354°	+27°	3.0dB	361°K	366464	-249 Hz
2026-01-31 Saturday	07:00	056°	+3°	0 dB	0°	056°	+3°	124°	+26°	2.5dB	309°K	367008	+225 Hz
2026-01-31 Saturday	07:30	061°	+8°	0 dB	0°	061°	+8°	131°	+26°	2.5dB	306°K	367044	+237 Hz
2026-01-31 Saturday	08:00	066°	+12°	0 dB	0°	066°	+12°	138°	+26°	2.4dB	303°K	367079	+245 Hz
2026-01-31 Saturday	08:30	071°	+17°	0 dB	0°	071°	+17°	145°	+26°	2.4dB	300°K	367116	+249 Hz
2026-01-31 Saturday	09:00	076°	+21°	0 dB	0°	076°	+21°	152°	+26°	2.3dB	296°K	367153	+248 Hz
2026-01-31 Saturday	09:30	080°	+26°	0 dB	0°	080°	+26°	160°	+26°	2.3dB	293°K	367191	+243 Hz
2026-01-31 Saturday	10:00	085°	+31°	0 dB	0°	085°	+31°	167°	+26°	2.3dB	290°K	367229	+234 Hz
2026-01-31 Saturday	10:30	091°	+36°	0 dB	0°	091°	+36°	174°	+25°	2.2dB	286°K	367267	+221 Hz
2026-01-31 Saturday	11:00	096°	+41°	0 dB	0°	096°	+41°	181°	+25°	2.2dB	283°K	367306	+203 Hz
2026-01-31 Saturday	11:30	102°	+46°	0 dB	0°	102°	+46°	188°	+25°	2.1dB	279°K	367346	+182 Hz
2026-01-31 Saturday	12:00	109°	+51°	0 dB	0°	109°	+51°	196°	+25°	2.1dB	276°K	367387	+158 Hz
2026-01-31 Saturday	12:30	117°	+56°	0 dB	0°	117°	+56°	203°	+25°	2.1dB	273°K	367427	+130 Hz
2026-01-31 Saturday	13:00	126°	+60°	0 dB	0°	126°	+60°	210°	+25°	2.0dB	269°K	367469	+99 Hz
2026-01-31 Saturday	13:30	138°	+64°	0 dB	0°	138°	+64°	217°	+25°	2.0dB	266°K	367511	+67 Hz
2026-01-31 Saturday	14:00	152°	+66°	0 dB	0°	152°	+66°	224°	+25°	1.9dB	262°K	367553	+33 Hz
2026-01-31 Saturday	14:30	169°	+68°	0 dB	0°	169°	+68°	232°	+25°	1.9dB	259°K	367596	-3 Hz
2026-01-31 Saturday	15:00	187°	+68°	0 dB	0°	187°	+68°	239°	+25°	1.8dB	256°K	367640	-38 Hz
2026-01-31 Saturday	15:30	204°	+67°	0 dB	0°	204°	+67°	246°	+25°	1.8dB	252°K	367684	-74 Hz
2026-01-31 Saturday	16:00	218°	+64°	0 dB	0°	218°	+64°	253°	+25°	1.8dB	249°K	367728	-109 Hz
2026-01-31 Saturday	16:30	230°	+60°	0 dB	0°	230°	+60°	260°	+25°	1.7dB	246°K	367773	-142 Hz
2026-01-31 Saturday	17:00	240°	+56°	0 dB	0°	240°	+56°	268°	+25°	1.7dB	242°K	367819	-173 Hz
2026-01-31 Saturday	17:30	248°	+52°	0 dB	0°	248°	+52°	275°	+24°	1.6dB	239°K	367865	-202 Hz
2026-01-31 Saturday	18:00	255°	+47°	0 dB	0°	255°	+47°	282°	+24°	1.6dB	236°K	367912	-229 Hz
2026-01-31 Saturday	18:30	261°	+42°	0 dB	0°	261°	+42°	289°	+24°	1.5dB	232°K	367959	-251 Hz
2026-01-31 Saturday	19:00	267°	+37°	0 dB	0°	267°	+37°	296°	+24°	1.5dB	229°K	368007	-270 Hz
2026-01-31 Saturday	19:30	272°	+32°	0 dB	0°	272°	+32°	304°	+24°	1.4dB	226°K	368056	-285 Hz
2026-01-31 Saturday	20:00	277°	+27°	0 dB	0°	277°	+27°	311°	+24°	1.4dB	225°K	368105	-296 Hz
2026-01-31 Saturday	20:30	282°	+22°	0 dB	0°	282°	+22°	318°	+24°	1.4dB	224°K	368154	-303 Hz
2026-01-31 Saturday	21:00	286°	+17°	0 dB	0°	286°	+17°	325°	+24°	1.4dB	222°K	368204	-305 Hz
2026-01-31 Saturday	21:30	291°	+12°	0 dB	0°	291°	+12°	332°	+24°	1.4dB	221°K	368254	-303 Hz
2026-01-31 Saturday	22:00	296°	+7°	0 dB	0°	296°	+7°	340°	+24°	1.3dB	220°K	368306	-297 Hz
2026-01-31 Saturday	22:30	301°	+3°	0 dB	0°	301°	+3°	347°	+24°	1.3dB	219°K	368357	-286 Hz
2026-02-01 Sunday	08:00	059°	+1°	0 dB	0°	059°	+1°	124°	+22°	1.1dB	199°K	369437	+218 Hz
2026-02-01 Sunday	08:30	064°	+5°	0 dB	0°	064°	+5°	131°	+22°	1.1dB	198°K	369499	+230 Hz
2026-02-01 Sunday	09:00	069°	+9°	0 dB	0°	069°	+9°	138°	+22°	1.0dB	197°K	369561	+238 Hz
2026-02-01 Sunday	09:30	074°	+14°	0 dB	0°	074°	+14°	145°	+22°	1.0dB	195°K	369624	+242 Hz
2026-02-01 Sunday	10:00	079°	+19°	0 dB	0°	079°	+19°	153°	+22°	1.0dB	194°K	369688	+241 Hz
2026-02-01 Sunday	10:30	084°	+24°	0 dB	0°	084°	+24°	160°	+21°	1.0dB	193°K	369752	+236 Hz
2026-02-01 Sunday	11:00	089°	+29°	0 dB	0°	089°	+29°	167°	+21°	1.0dB	192°K	369816	+227 Hz
2026-02-01 Sunday	11:30	095°	+34°	0 dB	0°	095°	+34°	174°	+21°	0.9dB	191°K	369881	+213 Hz
2026-02-01 Sunday	12:00	100°	+39°	0 dB	0°	100°	+39°	182°	+21°	0.9dB	190°K	369947	+195 Hz
2026-02-01 Sunday	12:30	107°	+44°	0 dB	0°	107°	+44°	189°	+21°	0.9dB	189°K	370013	+173 Hz
2026-02-01 Sunday	13:00	114°	+48°	0 dB	0°	114°	+48°	196°	+21°	0.9dB	188°K	370079	+147 Hz
2026-02-01 Sunday	13:30	122°	+53°	0 dB	0°	122°	+53°	203°	+21°	0.9dB	187°K	370146	+118 Hz
2026-02-01 Sunday	14:00	132°	+57°	0 dB	0°	132°	+57°	210°	+21°	0.9dB	186°K	370214	+87 Hz
2026-02-01 Sunday	14:30	143°	+60°	0 dB	0°	143°	+60°	218°	+21°	0.9dB	185°K	370281	+53 Hz
2026-02-01 Sunday	15:00	157°	+62°	0 dB	0°	157°	+62°	225°	+21°	0.8dB	184°K	370350	+17 Hz
2026-02-01 Sunday	15:30	171°	+64°	0 dB	0°	171°	+64°	232°	+20°	0.8dB	183°K	370419	-19 Hz
2026-02-01 Sunday	16:00	187°	+64°	0 dB	0°	187°	+64°	239°	+20°	0.8dB	182°K	370488	-56 Hz
2026-02-01 Sunday	16:30	202°	+62°	0 dB	0°	202°	+62°	247°	+20°	0.8dB	181°K	370558	-93 Hz
2026-02-01 Sunday	17:00	215°	+60°	0 dB	0°	215°	+60°	254°	+20°	0.8dB	180°K	370629	-129 Hz
2026-02-01 Sunday	17:30	226°	+56°	0 dB	0°	226°	+56°	261°	+20°	0.8dB	179°K	370699	-164 Hz
2026-02-01 Sunday	18:00	236°	+52°	0 dB	0°	236°	+52°	268°	+20°	0.8dB	178°K	370771	-196 Hz
2026-02-01 Sunday	18:30	244°	+48°	0 dB	0°	244°	+48°	275°	+20°	0.7dB	177°K	370843	-226 Hz
2026-02-01 Sunday	19:00	251°	+43°	0 dB	0°	251°	+43°	283°	+20°	0.7dB	176°K	370915	-253 Hz
2026-02-01 Sunday	19:30	258°	+38°	0 dB	0°	258°	+38°	290°	+20°	0.7dB	175°K	370988	-276 Hz
2026-02-01 Sunday	20:00	263°	+33°	0 dB	0°	263°	+33°	297°	+20°	0.7dB	174°K	371061	-295 Hz
2026-02-01 Sunday	20:30	269°	+28°	0 dB	0°	269°	+28°	304°	+19°	0.7dB	174°K	371135	-310 Hz
2026-02-01 Sunday	21:00	274°	+23°	0 dB	0°	274°	+23°	312°	+19°	0.7dB	174°K	371209	-321 Hz
2026-02-01 Sunday	21:30	279°	+18°	0 dB	0°	279°	+18°	319°	+19°	0.7dB	174°K	371284	-327 Hz
2026-02-01 Sunday	22:00	283°	+13°	0 dB	0°	283°	+13°	326°	+19°	0.7dB	175°K	371359	-329 Hz
2026-02-01 Sunday	22:30	288°	+8°	0 dB	0°	288°	+8°	333°	+19°	0.7dB	175°K	371434	-326 Hz
2026-02-01 Sunday	23:00	293°	+3°	0 dB	0°	293°	+3°	340°	+19°	0.7dB	175°K	371510	-319 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-02 Monday	09:30	069°	+2°	0 dB	0°	069°	+2°	132°	+17°	0.9dB	182°K	373208	+227 Hz
2026-02-02 Monday	10:00	074°	+7°	0 dB	0°	074°	+7°	140°	+16°	1.0dB	182°K	373294	+235 Hz
2026-02-02 Monday	10:30	079°	+11°	0 dB	0°	079°	+11°	147°	+16°	1.0dB	183°K	373380	+238 Hz
2026-02-02 Monday	11:00	084°	+16°	0 dB	0°	084°	+16°	154°	+16°	1.0dB	183°K	373466	+237 Hz
2026-02-02 Monday	11:30	089°	+21°	0 dB	0°	089°	+21°	161°	+16°	1.0dB	183°K	373553	+230 Hz
2026-02-02 Monday	12:00	095°	+26°	0 dB	0°	095°	+26°	169°	+16°	1.0dB	183°K	373640	+220 Hz
2026-02-02 Monday	12:30	101°	+31°	0 dB	0°	101°	+31°	176°	+16°	1.0dB	183°K	373728	+204 Hz
2026-02-02 Monday	13:00	107°	+36°	0 dB	0°	107°	+36°	183°	+16°	1.0dB	183°K	373815	+185 Hz
2026-02-02 Monday	13:30	113°	+41°	0 dB	0°	113°	+41°	190°	+16°	1.0dB	184°K	373904	+161 Hz
2026-02-02 Monday	14:00	121°	+45°	0 dB	0°	121°	+45°	198°	+16°	1.0dB	184°K	373992	+134 Hz
2026-02-02 Monday	14:30	129°	+49°	0 dB	0°	129°	+49°	205°	+15°	1.0dB	184°K	374081	+103 Hz
2026-02-02 Monday	15:00	139°	+53°	0 dB	0°	139°	+53°	212°	+15°	1.0dB	184°K	374171	+70 Hz
2026-02-02 Monday	15:30	150°	+55°	0 dB	0°	150°	+55°	219°	+15°	1.0dB	184°K	374261	+34 Hz
2026-02-02 Monday	16:00	163°	+57°	0 dB	0°	163°	+57°	227°	+15°	1.0dB	184°K	374351	-3 Hz
2026-02-02 Monday	16:30	176°	+58°	0 dB	0°	176°	+58°	234°	+15°	1.1dB	185°K	374441	-41 Hz
2026-02-02 Monday	17:00	189°	+58°	0 dB	0°	189°	+58°	241°	+15°	1.1dB	185°K	374532	-79 Hz
2026-02-02 Monday	17:30	202°	+56°	0 dB	0°	202°	+56°	248°	+15°	1.1dB	185°K	374623	-117 Hz
2026-02-02 Monday	18:00	214°	+54°	0 dB	0°	214°	+54°	256°	+15°	1.1dB	185°K	374715	-154 Hz
2026-02-02 Monday	18:30	224°	+50°	0 dB	0°	224°	+50°	263°	+14°	1.1dB	185°K	374807	-189 Hz
2026-02-02 Monday	19:00	233°	+47°	0 dB	0°	233°	+47°	270°	+14°	1.1dB	185°K	374899	-221 Hz
2026-02-02 Monday	19:30	241°	+42°	0 dB	0°	241°	+42°	277°	+14°	1.1dB	185°K	374992	-251 Hz
2026-02-02 Monday	20:00	248°	+38°	0 dB	0°	248°	+38°	285°	+14°	1.1dB	186°K	375085	-278 Hz
2026-02-02 Monday	20:30	254°	+33°	0 dB	0°	254°	+33°	292°	+14°	1.1dB	186°K	375179	-301 Hz
2026-02-02 Monday	21:00	260°	+28°	0 dB	0°	260°	+28°	299°	+14°	1.1dB	186°K	375272	-319 Hz
2026-02-02 Monday	21:30	265°	+23°	0 dB	0°	265°	+23°	306°	+14°	1.1dB	186°K	375366	-333 Hz
2026-02-02 Monday	22:00	271°	+17°	0 dB	0°	271°	+17°	314°	+14°	1.1dB	186°K	375461	-343 Hz
2026-02-02 Monday	22:30	276°	+12°	0 dB	0°	276°	+12°	321°	+13°	1.1dB	186°K	375555	-348 Hz
2026-02-02 Monday	23:00	281°	+7°	0 dB	0°	281°	+7°	328°	+13°	1.1dB	187°K	375651	-348 Hz
2026-02-02 Monday	23:30	286°	+2°	0 dB	0°	286°	+2°	335°	+13°	1.2dB	187°K	375746	-344 Hz
2026-02-03 Tuesday	11:00	080°	+4°	0 dB	0°	080°	+4°	142°	+10°	1.4dB	194°K	378023	+234 Hz
2026-02-03 Tuesday	11:30	085°	+9°	0 dB	0°	085°	+9°	150°	+10°	1.4dB	194°K	378125	+236 Hz
2026-02-03 Tuesday	12:00	091°	+14°	0 dB	0°	091°	+14°	157°	+10°	1.4dB	195°K	378228	+233 Hz
2026-02-03 Tuesday	12:30	096°	+19°	0 dB	0°	096°	+19°	164°	+10°	1.4dB	195°K	378331	+224 Hz
2026-02-03 Tuesday	13:00	102°	+24°	0 dB	0°	102°	+24°	171°	+10°	1.4dB	195°K	378434	+212 Hz
2026-02-03 Tuesday	13:30	108°	+28°	0 dB	0°	108°	+28°	179°	+10°	1.4dB	195°K	378537	+194 Hz
2026-02-03 Tuesday	14:00	114°	+33°	0 dB	0°	114°	+33°	186°	+10°	1.4dB	196°K	378640	+172 Hz
2026-02-03 Tuesday	14:30	121°	+37°	0 dB	0°	121°	+37°	193°	+9°	1.4dB	196°K	378744	+147 Hz
2026-02-03 Tuesday	15:00	129°	+41°	0 dB	0°	129°	+41°	200°	+9°	1.5dB	196°K	378848	+117 Hz
2026-02-03 Tuesday	15:30	138°	+45°	0 dB	0°	138°	+45°	208°	+9°	1.5dB	197°K	378952	+85 Hz
2026-02-03 Tuesday	16:00	147°	+48°	0 dB	0°	147°	+48°	215°	+9°	1.5dB	197°K	379056	+50 Hz
2026-02-03 Tuesday	16:30	158°	+50°	0 dB	0°	158°	+50°	222°	+9°	1.5dB	197°K	379161	+13 Hz
2026-02-03 Tuesday	17:00	169°	+52°	0 dB	0°	169°	+52°	229°	+9°	1.5dB	198°K	379266	-25 Hz
2026-02-03 Tuesday	17:30	181°	+52°	0 dB	0°	181°	+52°	237°	+9°	1.5dB	198°K	379371	-65 Hz
2026-02-03 Tuesday	18:00	193°	+51°	0 dB	0°	193°	+51°	244°	+9°	1.5dB	198°K	379476	-104 Hz
2026-02-03 Tuesday	18:30	204°	+49°	0 dB	0°	204°	+49°	251°	+8°	1.5dB	198°K	379581	-142 Hz
2026-02-03 Tuesday	19:00	214°	+47°	0 dB	0°	214°	+47°	259°	+8°	1.5dB	199°K	379687	-179 Hz
2026-02-03 Tuesday	19:30	223°	+44°	0 dB	0°	223°	+44°	266°	+8°	1.5dB	199°K	379792	-214 Hz
2026-02-03 Tuesday	20:00	231°	+40°	0 dB	0°	231°	+40°	273°	+8°	1.5dB	199°K	379898	-246 Hz
2026-02-03 Tuesday	20:30	239°	+35°	0 dB	0°	239°	+35°	280°	+8°	1.6dB	200°K	380005	-275 Hz
2026-02-03 Tuesday	21:00	246°	+31°	0 dB	0°	246°	+31°	288°	+8°	1.6dB	200°K	380111	-300 Hz
2026-02-03 Tuesday	21:30	252°	+26°	0 dB	0°	252°	+26°	295°	+8°	1.6dB	200°K	380217	-321 Hz
2026-02-03 Tuesday	22:00	258°	+21°	0 dB	0°	258°	+21°	302°	+7°	1.6dB	200°K	380324	-338 Hz
2026-02-03 Tuesday	22:30	263°	+16°	0 dB	0°	263°	+16°	309°	+7°	1.6dB	201°K	380431	-351 Hz
2026-02-03 Tuesday	23:00	268°	+11°	0 dB	0°	268°	+11°	317°	+7°	1.6dB	201°K	380538	-358 Hz
2026-02-03 Tuesday	23:30	273°	+6°	0 dB	0°	273°	+6°	324°	+7°	1.6dB	201°K	380645	-361 Hz
2026-02-04 Wednesday	00:00	279°	+1°	0 dB	0°	279°	+1°	331°	+7°	1.6dB	202°K	380752	-359 Hz
2026-02-04 Wednesday	12:00	087°	+2°	0 dB	0°	087°	+2°	146°	+4°	1.9dB	208°K	383365	+235 Hz
2026-02-04 Wednesday	12:30	092°	+7°	0 dB	0°	092°	+7°	153°	+4°	1.9dB	209°K	383475	+234 Hz
2026-02-04 Wednesday	13:00	098°	+12°	0 dB	0°	098°	+12°	160°	+4°	1.9dB	209°K	383585	+228 Hz
2026-02-04 Wednesday	13:30	103°	+16°	0 dB	0°	103°	+16°	168°	+3°	1.9dB	209°K	383695	+218 Hz
2026-02-04 Wednesday	14:00	109°	+21°	0 dB	0°	109°	+21°	175°	+3°	1.9dB	210°K	383805	+202 Hz
2026-02-04 Wednesday	14:30	116°	+26°	0 dB	0°	116°	+26°	182°	+3°	1.9dB	210°K	383915	+182 Hz
2026-02-04 Wednesday	15:00	122°	+30°	0 dB	0°	122°	+30°	189°	+3°	1.9dB	210°K	384026	+158 Hz
2026-02-04 Wednesday	15:30	130°	+34°	0 dB	0°	130°	+34°	197°	+3°	1.9dB	210°K	384136	+131 Hz
2026-02-04 Wednesday	16:00	137°	+38°	0 dB	0°	137°	+38°	204°	+3°	1.9dB	211°K	384246	+99 Hz
2026-02-04 Wednesday	16:30	146°	+41°	0 dB	0°	146°	+41°	211°	+3°	1.9dB	211°K	384357	+65 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-04 Wednesday	17:00	155°	+43°	0 dB	0°	155°	+43°	219°	+3°	2.0dB	211°K	384467	+29 Hz
2026-02-04 Wednesday	17:30	165°	+45°	0 dB	0°	165°	+45°	226°	+2°	2.0dB	212°K	384577	-10 Hz
2026-02-04 Wednesday	18:00	176°	+45°	0 dB	0°	176°	+45°	233°	+2°	2.0dB	212°K	384688	-49 Hz
2026-02-04 Wednesday	18:30	186°	+45°	0 dB	0°	186°	+45°	240°	+2°	2.0dB	212°K	384798	-88 Hz
2026-02-04 Wednesday	19:00	196°	+44°	0 dB	0°	196°	+44°	248°	+2°	2.0dB	212°K	384909	-127 Hz
2026-02-04 Wednesday	19:30	206°	+42°	0 dB	0°	206°	+42°	255°	+2°	2.0dB	213°K	385019	-165 Hz
2026-02-04 Wednesday	20:00	215°	+39°	0 dB	0°	215°	+39°	262°	+2°	2.0dB	214°K	385130	-201 Hz
2026-02-04 Wednesday	20:30	223°	+36°	0 dB	0°	223°	+36°	269°	+2°	2.1dB	216°K	385240	-235 Hz
2026-02-04 Wednesday	21:00	231°	+32°	0 dB	0°	231°	+32°	277°	+2°	2.1dB	217°K	385351	-265 Hz
2026-02-04 Wednesday	21:30	238°	+28°	0 dB	0°	238°	+28°	284°	+1°	2.1dB	219°K	385461	-292 Hz
2026-02-04 Wednesday	22:00	244°	+23°	0 dB	0°	244°	+23°	291°	+1°	2.2dB	221°K	385572	-316 Hz
2026-02-04 Wednesday	22:30	250°	+19°	0 dB	0°	250°	+19°	299°	+1°	2.2dB	222°K	385682	-335 Hz
2026-02-04 Wednesday	23:00	256°	+14°	0 dB	0°	256°	+14°	306°	+1°	2.2dB	224°K	385793	-349 Hz
2026-02-04 Wednesday	23:30	261°	+9°	0 dB	0°	261°	+9°	313°	+1°	2.2dB	225°K	385903	-359 Hz
2026-02-05 Thursday	00:00	266°	+3°	0 dB	0°	266°	+3°	320°	+1°	2.3dB	227°K	386013	-364 Hz
2026-02-05 Thursday	13:00	095°	-0°	0 dB	0°	095°	-0°	150°	-3°	3.0dB	267°K	388862	+236 Hz
2026-02-05 Thursday	13:30	100°	+5°	0 dB	0°	100°	+5°	157°	-3°	3.0dB	268°K	388970	+232 Hz
2026-02-05 Thursday	14:00	105°	+10°	0 dB	0°	105°	+10°	164°	-3°	3.0dB	270°K	389078	+223 Hz
2026-02-05 Thursday	14:30	111°	+14°	0 dB	0°	111°	+14°	172°	-3°	3.0dB	271°K	389186	+210 Hz
2026-02-05 Thursday	15:00	117°	+19°	0 dB	0°	117°	+19°	179°	-3°	3.1dB	273°K	389294	+192 Hz
2026-02-05 Thursday	15:30	123°	+23°	0 dB	0°	123°	+23°	186°	-3°	3.1dB	275°K	389402	+170 Hz
2026-02-05 Thursday	16:00	130°	+27°	0 dB	0°	130°	+27°	194°	-3°	3.1dB	276°K	389510	+144 Hz
2026-02-05 Thursday	16:30	138°	+31°	0 dB	0°	138°	+31°	201°	-3°	3.1dB	278°K	389617	+114 Hz
2026-02-05 Thursday	17:00	145°	+34°	0 dB	0°	145°	+34°	208°	-4°	3.2dB	280°K	389724	+81 Hz
2026-02-05 Thursday	17:30	154°	+36°	0 dB	0°	154°	+36°	215°	-4°	3.2dB	281°K	389831	+46 Hz
2026-02-05 Thursday	18:00	163°	+38°	0 dB	0°	163°	+38°	223°	-4°	3.2dB	283°K	389938	+8 Hz
2026-02-05 Thursday	18:30	172°	+39°	0 dB	0°	172°	+39°	230°	-4°	3.3dB	285°K	390045	-30 Hz
2026-02-05 Thursday	19:00	182°	+39°	0 dB	0°	182°	+39°	237°	-4°	3.3dB	286°K	390152	-69 Hz
2026-02-05 Thursday	19:30	191°	+38°	0 dB	0°	191°	+38°	245°	-4°	3.3dB	288°K	390258	-108 Hz
2026-02-05 Thursday	20:00	200°	+37°	0 dB	0°	200°	+37°	252°	-4°	3.3dB	290°K	390364	-146 Hz
2026-02-05 Thursday	20:30	209°	+35°	0 dB	0°	209°	+35°	259°	-4°	3.3dB	291°K	390471	-183 Hz
2026-02-05 Thursday	21:00	217°	+32°	0 dB	0°	217°	+32°	266°	-5°	3.4dB	293°K	390577	-217 Hz
2026-02-05 Thursday	21:30	224°	+28°	0 dB	0°	224°	+28°	274°	-5°	3.4dB	294°K	390682	-249 Hz
2026-02-05 Thursday	22:00	231°	+24°	0 dB	0°	231°	+24°	281°	-5°	3.4dB	296°K	390788	-277 Hz
2026-02-05 Thursday	22:30	238°	+20°	0 dB	0°	238°	+20°	288°	-5°	3.5dB	298°K	390893	-302 Hz
2026-02-05 Thursday	23:00	244°	+16°	0 dB	0°	244°	+16°	296°	-5°	3.5dB	299°K	390998	-322 Hz
2026-02-05 Thursday	23:30	249°	+11°	0 dB	0°	249°	+11°	303°	-5°	3.5dB	301°K	391103	-338 Hz
2026-02-06 Friday	00:00	255°	+6°	0 dB	0°	255°	+6°	310°	-5°	3.5dB	303°K	391208	-350 Hz
2026-02-06 Friday	00:30	260°	+1°	0 dB	0°	260°	+1°	317°	-5°	3.5dB	304°K	391313	-356 Hz
2026-02-06 Friday	14:30	107°	+3°	0 dB	0°	107°	+3°	161°	-9°	3.8dB	313°K	394143	+229 Hz
2026-02-06 Friday	15:00	113°	+8°	0 dB	0°	113°	+8°	169°	-9°	3.8dB	313°K	394240	+218 Hz
2026-02-06 Friday	15:30	119°	+12°	0 dB	0°	119°	+12°	176°	-9°	3.8dB	313°K	394337	+202 Hz
2026-02-06 Friday	16:00	125°	+16°	0 dB	0°	125°	+16°	183°	-9°	3.8dB	313°K	394434	+182 Hz
2026-02-06 Friday	16:30	131°	+20°	0 dB	0°	131°	+20°	191°	-9°	3.8dB	313°K	394530	+158 Hz
2026-02-06 Friday	17:00	138°	+24°	0 dB	0°	138°	+24°	198°	-9°	3.8dB	313°K	394626	+130 Hz
2026-02-06 Friday	17:30	145°	+27°	0 dB	0°	145°	+27°	205°	-10°	3.8dB	313°K	394721	+99 Hz
2026-02-06 Friday	18:00	153°	+29°	0 dB	0°	153°	+29°	212°	-10°	3.8dB	313°K	394816	+65 Hz
2026-02-06 Friday	18:30	161°	+31°	0 dB	0°	161°	+31°	220°	-10°	3.8dB	313°K	394911	+29 Hz
2026-02-06 Friday	19:00	169°	+33°	0 dB	0°	169°	+33°	227°	-10°	3.8dB	313°K	395006	-9 Hz
2026-02-06 Friday	19:30	178°	+33°	0 dB	0°	178°	+33°	234°	-10°	3.8dB	312°K	395100	-47 Hz
2026-02-06 Friday	20:00	186°	+33°	0 dB	0°	186°	+33°	242°	-10°	3.8dB	312°K	395194	-85 Hz
2026-02-06 Friday	20:30	195°	+32°	0 dB	0°	195°	+32°	249°	-10°	3.8dB	312°K	395288	-123 Hz
2026-02-06 Friday	21:00	203°	+30°	0 dB	0°	203°	+30°	256°	-10°	3.8dB	312°K	395381	-159 Hz
2026-02-06 Friday	21:30	211°	+27°	0 dB	0°	211°	+27°	263°	-11°	3.8dB	311°K	395474	-194 Hz
2026-02-06 Friday	22:00	218°	+24°	0 dB	0°	218°	+24°	271°	-11°	3.8dB	311°K	395567	-226 Hz
2026-02-06 Friday	22:30	225°	+21°	0 dB	0°	225°	+21°	278°	-11°	3.8dB	311°K	395659	-255 Hz
2026-02-06 Friday	23:00	231°	+17°	0 dB	0°	231°	+17°	285°	-11°	3.8dB	311°K	395751	-281 Hz
2026-02-06 Friday	23:30	237°	+13°	0 dB	0°	237°	+13°	293°	-11°	3.8dB	310°K	395842	-302 Hz
2026-02-07 Saturday	00:00	243°	+8°	0 dB	0°	243°	+8°	300°	-11°	3.8dB	310°K	395934	-320 Hz
2026-02-07 Saturday	00:30	249°	+4°	0 dB	0°	249°	+4°	307°	-11°	3.8dB	310°K	396024	-333 Hz
2026-02-07 Saturday	15:30	114°	+2°	0 dB	0°	114°	+2°	166°	-15°	3.9dB	310°K	398570	+227 Hz
2026-02-07 Saturday	16:00	120°	+6°	0 dB	0°	120°	+6°	173°	-15°	3.9dB	311°K	398648	+213 Hz
2026-02-07 Saturday	16:30	125°	+10°	0 dB	0°	125°	+10°	180°	-15°	4.0dB	312°K	398726	+195 Hz
2026-02-07 Saturday	17:00	131°	+14°	0 dB	0°	131°	+14°	187°	-15°	4.0dB	312°K	398804	+173 Hz
2026-02-07 Saturday	17:30	138°	+18°	0 dB	0°	138°	+18°	195°	-15°	4.0dB	313°K	398881	+148 Hz
2026-02-07 Saturday	18:00	145°	+21°	0 dB	0°	145°	+21°	202°	-15°	4.0dB	314°K	398958	+118 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-07 Saturday	18:30	152°	+23°	0 dB	0°	152°	+23°	209°	-15°	4.0dB	314°K	399034	+87 Hz
2026-02-07 Saturday	19:00	159°	+25°	0 dB	0°	159°	+25°	217°	-15°	4.0dB	315°K	399110	+52 Hz
2026-02-07 Saturday	19:30	167°	+27°	0 dB	0°	167°	+27°	224°	-15°	4.0dB	316°K	399185	+17 Hz
2026-02-07 Saturday	20:00	175°	+27°	0 dB	0°	175°	+27°	231°	-15°	4.0dB	316°K	399260	-20 Hz
2026-02-07 Saturday	20:30	183°	+27°	0 dB	0°	183°	+27°	238°	-16°	4.0dB	317°K	399334	-58 Hz
2026-02-07 Saturday	21:00	191°	+27°	0 dB	0°	191°	+27°	246°	-16°	4.1dB	318°K	399408	-94 Hz
2026-02-07 Saturday	21:30	198°	+25°	0 dB	0°	198°	+25°	253°	-16°	4.1dB	319°K	399482	-130 Hz
2026-02-07 Saturday	22:00	206°	+23°	0 dB	0°	206°	+23°	260°	-16°	4.1dB	319°K	399555	-165 Hz
2026-02-07 Saturday	22:30	213°	+21°	0 dB	0°	213°	+21°	268°	-16°	4.1dB	320°K	399627	-197 Hz
2026-02-07 Saturday	23:00	219°	+18°	0 dB	0°	219°	+18°	275°	-16°	4.1dB	321°K	399699	-227 Hz
2026-02-07 Saturday	23:30	226°	+14°	0 dB	0°	226°	+14°	282°	-16°	4.1dB	321°K	399771	-253 Hz
2026-02-08 Sunday	00:00	232°	+10°	0 dB	0°	232°	+10°	289°	-16°	4.1dB	322°K	399842	-276 Hz
2026-02-08 Sunday	00:30	237°	+6°	0 dB	0°	237°	+6°	297°	-16°	4.1dB	323°K	399913	-294 Hz
2026-02-08 Sunday	01:00	243°	+2°	0 dB	0°	243°	+2°	304°	-16°	4.1dB	323°K	399983	-309 Hz
2026-02-08 Sunday	16:30	120°	+0°	0 dB	0°	120°	+0°	170°	-19°	4.6dB	357°K	401914	+226 Hz
2026-02-08 Sunday	17:00	126°	+4°	0 dB	0°	126°	+4°	177°	-20°	4.6dB	358°K	401968	+210 Hz
2026-02-08 Sunday	17:30	131°	+8°	0 dB	0°	131°	+8°	184°	-20°	4.6dB	359°K	402022	+191 Hz
2026-02-08 Sunday	18:00	137°	+12°	0 dB	0°	137°	+12°	191°	-20°	4.6dB	360°K	402075	+167 Hz
2026-02-08 Sunday	18:30	144°	+15°	0 dB	0°	144°	+15°	199°	-20°	4.6dB	361°K	402127	+141 Hz
2026-02-08 Sunday	19:00	150°	+18°	0 dB	0°	150°	+18°	206°	-20°	4.7dB	362°K	402179	+111 Hz
2026-02-08 Sunday	19:30	157°	+20°	0 dB	0°	157°	+20°	213°	-20°	4.7dB	363°K	402231	+79 Hz
2026-02-08 Sunday	20:00	164°	+21°	0 dB	0°	164°	+21°	220°	-20°	4.7dB	364°K	402282	+45 Hz
2026-02-08 Sunday	20:30	172°	+22°	0 dB	0°	172°	+22°	228°	-20°	4.7dB	366°K	402332	+10 Hz
2026-02-08 Sunday	21:00	179°	+23°	0 dB	0°	179°	+23°	235°	-20°	4.7dB	367°K	402382	-26 Hz
2026-02-08 Sunday	21:30	186°	+22°	0 dB	0°	186°	+22°	242°	-20°	4.7dB	368°K	402431	-62 Hz
2026-02-08 Sunday	22:00	194°	+21°	0 dB	0°	194°	+21°	250°	-20°	4.7dB	369°K	402480	-97 Hz
2026-02-08 Sunday	22:30	201°	+20°	0 dB	0°	201°	+20°	257°	-20°	4.8dB	370°K	402528	-131 Hz
2026-02-08 Sunday	23:00	208°	+18°	0 dB	0°	208°	+18°	264°	-21°	4.8dB	371°K	402576	-164 Hz
2026-02-08 Sunday	23:30	214°	+15°	0 dB	0°	214°	+15°	271°	-21°	4.8dB	372°K	402623	-193 Hz
2026-02-09 Monday	00:00	220°	+12°	0 dB	0°	220°	+12°	279°	-21°	4.8dB	373°K	402669	-220 Hz
2026-02-09 Monday	00:30	226°	+8°	0 dB	0°	226°	+8°	286°	-21°	4.8dB	374°K	402715	-244 Hz
2026-02-09 Monday	01:00	232°	+4°	0 dB	0°	232°	+4°	293°	-21°	4.8dB	375°K	402761	-264 Hz
2026-02-09 Monday	01:30	237°	+0°	0 dB	0°	237°	+0°	300°	-21°	4.8dB	376°K	402806	-280 Hz
2026-02-09 Monday	18:00	131°	+3°	0 dB	0°	131°	+3°	180°	-24°	5.2dB	407°K	403976	+210 Hz
2026-02-09 Monday	18:30	136°	+7°	0 dB	0°	136°	+7°	188°	-24°	5.2dB	408°K	404002	+189 Hz
2026-02-09 Monday	19:00	142°	+10°	0 dB	0°	142°	+10°	195°	-24°	5.2dB	409°K	404028	+165 Hz
2026-02-09 Monday	19:30	148°	+13°	0 dB	0°	148°	+13°	202°	-24°	5.2dB	410°K	404052	+138 Hz
2026-02-09 Monday	20:00	155°	+15°	0 dB	0°	155°	+15°	209°	-24°	5.2dB	411°K	404076	+108 Hz
2026-02-09 Monday	20:30	161°	+17°	0 dB	0°	161°	+17°	217°	-24°	5.2dB	412°K	404100	+76 Hz
2026-02-09 Monday	21:00	168°	+18°	0 dB	0°	168°	+18°	224°	-24°	5.2dB	412°K	404123	+43 Hz
2026-02-09 Monday	21:30	175°	+19°	0 dB	0°	175°	+19°	231°	-24°	5.2dB	413°K	404146	+8 Hz
2026-02-09 Monday	22:00	182°	+19°	0 dB	0°	182°	+19°	238°	-24°	5.3dB	414°K	404167	-26 Hz
2026-02-09 Monday	22:30	189°	+18°	0 dB	0°	189°	+18°	246°	-24°	5.3dB	415°K	404189	-61 Hz
2026-02-09 Monday	23:00	196°	+17°	0 dB	0°	196°	+17°	253°	-24°	5.3dB	416°K	404210	-94 Hz
2026-02-09 Monday	23:30	203°	+15°	0 dB	0°	203°	+15°	260°	-24°	5.3dB	417°K	404230	-127 Hz
2026-02-10 Tuesday	00:00	209°	+13°	0 dB	0°	209°	+13°	267°	-24°	5.3dB	419°K	404249	-157 Hz
2026-02-10 Tuesday	00:30	215°	+10°	0 dB	0°	215°	+10°	275°	-24°	5.3dB	421°K	404268	-185 Hz
2026-02-10 Tuesday	01:00	221°	+7°	0 dB	0°	221°	+7°	282°	-24°	5.3dB	423°K	404287	-209 Hz
2026-02-10 Tuesday	01:30	227°	+4°	0 dB	0°	227°	+4°	289°	-25°	5.4dB	425°K	404305	-231 Hz
2026-02-10 Tuesday	02:00	232°	-0°	0 dB	0°	232°	-0°	296°	-25°	5.4dB	427°K	404322	-248 Hz
2026-02-10 Tuesday	19:00	134°	+2°	0 dB	0°	134°	+2°	183°	-26°	6.2dB	527°K	404571	+213 Hz
2026-02-10 Tuesday	19:30	140°	+5°	0 dB	0°	140°	+5°	190°	-26°	6.2dB	532°K	404569	+191 Hz
2026-02-10 Tuesday	20:00	146°	+8°	0 dB	0°	146°	+8°	198°	-27°	6.3dB	536°K	404566	+167 Hz
2026-02-10 Tuesday	20:30	152°	+11°	0 dB	0°	152°	+11°	205°	-27°	6.3dB	541°K	404562	+139 Hz
2026-02-10 Tuesday	21:00	158°	+13°	0 dB	0°	158°	+13°	212°	-27°	6.3dB	546°K	404558	+110 Hz
2026-02-10 Tuesday	21:30	165°	+15°	0 dB	0°	165°	+15°	219°	-27°	6.4dB	550°K	404553	+78 Hz
2026-02-10 Tuesday	22:00	171°	+16°	0 dB	0°	171°	+16°	227°	-27°	6.4dB	555°K	404547	+45 Hz
2026-02-10 Tuesday	22:30	178°	+16°	0 dB	0°	178°	+16°	234°	-27°	6.4dB	560°K	404541	+11 Hz
2026-02-10 Tuesday	23:00	185°	+16°	0 dB	0°	185°	+16°	241°	-27°	6.5dB	565°K	404535	-22 Hz
2026-02-10 Tuesday	23:30	191°	+15°	0 dB	0°	191°	+15°	248°	-27°	6.5dB	569°K	404528	-56 Hz
2026-02-11 Wednesday	00:00	198°	+14°	0 dB	0°	198°	+14°	256°	-27°	6.5dB	574°K	404520	-88 Hz
2026-02-11 Wednesday	00:30	204°	+12°	0 dB	0°	204°	+12°	263°	-27°	6.6dB	579°K	404512	-119 Hz
2026-02-11 Wednesday	01:00	210°	+10°	0 dB	0°	210°	+10°	270°	-27°	6.6dB	584°K	404503	-147 Hz
2026-02-11 Wednesday	01:30	216°	+7°	0 dB	0°	216°	+7°	277°	-27°	6.6dB	588°K	404494	-173 Hz
2026-02-11 Wednesday	02:00	222°	+4°	0 dB	0°	222°	+4°	285°	-27°	6.7dB	593°K	404484	-196 Hz
2026-02-11 Wednesday	02:30	227°	+0°	0 dB	0°	227°	+0°	292°	-27°	6.7dB	598°K	404474	-216 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-11 Wednesday	20:00	137°	+2°	0 dB	0°	137°	+2°	185°	-28°	8.8dB	1024°K	403773	+218 Hz
2026-02-11 Wednesday	20:30	142°	+5°	0 dB	0°	142°	+5°	193°	-28°	8.9dB	1052°K	403743	+196 Hz
2026-02-11 Wednesday	21:00	148°	+8°	0 dB	0°	148°	+8°	200°	-28°	9.0dB	1080°K	403713	+171 Hz
2026-02-11 Wednesday	21:30	154°	+10°	0 dB	0°	154°	+10°	207°	-28°	9.1dB	1107°K	403683	+144 Hz
2026-02-11 Wednesday	22:00	160°	+12°	0 dB	0°	160°	+12°	214°	-28°	9.2dB	1135°K	403652	+114 Hz
2026-02-11 Wednesday	22:30	167°	+14°	0 dB	0°	167°	+14°	222°	-28°	9.3dB	1162°K	403620	+83 Hz
2026-02-11 Wednesday	23:00	173°	+14°	0 dB	0°	173°	+14°	229°	-28°	9.4dB	1190°K	403589	+50 Hz
2026-02-11 Wednesday	23:30	180°	+15°	0 dB	0°	180°	+15°	236°	-28°	9.5dB	1218°K	403556	+17 Hz
2026-02-12 Thursday	00:00	187°	+14°	0 dB	0°	187°	+14°	243°	-28°	9.6dB	1245°K	403523	-16 Hz
2026-02-12 Thursday	00:30	193°	+14°	0 dB	0°	193°	+14°	250°	-28°	9.7dB	1273°K	403490	-49 Hz
2026-02-12 Thursday	01:00	200°	+12°	0 dB	0°	200°	+12°	258°	-28°	9.8dB	1301°K	403456	-80 Hz
2026-02-12 Thursday	01:30	206°	+10°	0 dB	0°	206°	+10°	265°	-28°	9.9dB	1329°K	403421	-110 Hz
2026-02-12 Thursday	02:00	212°	+8°	0 dB	0°	212°	+8°	272°	-28°	10.0dB	1356°K	403386	-138 Hz
2026-02-12 Thursday	02:30	217°	+5°	0 dB	0°	217°	+5°	279°	-28°	10.1dB	1384°K	403351	-163 Hz
2026-02-12 Thursday	03:00	223°	+2°	0 dB	0°	223°	+2°	287°	-28°	10.1dB	1412°K	403315	-184 Hz
2026-02-12 Thursday	21:00	138°	+2°	0 dB	0°	138°	+2°	187°	-28°	13.5dB	3192°K	401714	+226 Hz
2026-02-12 Thursday	21:30	144°	+6°	0 dB	0°	144°	+6°	194°	-28°	13.4dB	3145°K	401661	+204 Hz
2026-02-12 Thursday	22:00	150°	+8°	0 dB	0°	150°	+8°	202°	-28°	13.4dB	3099°K	401608	+178 Hz
2026-02-12 Thursday	22:30	156°	+11°	0 dB	0°	156°	+11°	209°	-28°	13.3dB	3053°K	401555	+150 Hz
2026-02-12 Thursday	23:00	162°	+12°	0 dB	0°	162°	+12°	216°	-28°	13.2dB	3007°K	401501	+120 Hz
2026-02-12 Thursday	23:30	169°	+14°	0 dB	0°	169°	+14°	223°	-28°	13.2dB	2961°K	401447	+88 Hz
2026-02-13 Friday	00:00	175°	+15°	0 dB	0°	175°	+15°	231°	-28°	13.1dB	2914°K	401392	+55 Hz
2026-02-13 Friday	00:30	182°	+15°	0 dB	0°	182°	+15°	238°	-28°	13.0dB	2868°K	401337	+22 Hz
2026-02-13 Friday	01:00	188°	+14°	0 dB	0°	188°	+14°	245°	-28°	13.0dB	2822°K	401281	-11 Hz
2026-02-13 Friday	01:30	195°	+13°	0 dB	0°	195°	+13°	252°	-28°	12.9dB	2776°K	401226	-44 Hz
2026-02-13 Friday	02:00	201°	+12°	0 dB	0°	201°	+12°	260°	-28°	12.8dB	2729°K	401169	-75 Hz
2026-02-13 Friday	02:30	207°	+10°	0 dB	0°	207°	+10°	267°	-28°	12.7dB	2683°K	401113	-104 Hz
2026-02-13 Friday	03:00	213°	+7°	0 dB	0°	213°	+7°	274°	-28°	12.7dB	2637°K	401056	-131 Hz
2026-02-13 Friday	03:30	219°	+4°	0 dB	0°	219°	+4°	281°	-28°	12.6dB	2591°K	400998	-155 Hz
2026-02-13 Friday	04:00	224°	+1°	0 dB	0°	224°	+1°	289°	-28°	12.5dB	2544°K	400941	-177 Hz
2026-02-13 Friday	21:30	134°	+1°	0 dB	0°	134°	+1°	182°	-27°	8.2dB	929°K	398693	+254 Hz
2026-02-13 Friday	22:00	139°	+4°	0 dB	0°	139°	+4°	189°	-27°	8.0dB	883°K	398623	+234 Hz
2026-02-13 Friday	22:30	145°	+7°	0 dB	0°	145°	+7°	196°	-27°	7.9dB	860°K	398553	+210 Hz
2026-02-13 Friday	23:00	151°	+10°	0 dB	0°	151°	+10°	204°	-27°	7.8dB	847°K	398482	+184 Hz
2026-02-13 Friday	23:30	157°	+12°	0 dB	0°	157°	+12°	211°	-27°	7.8dB	834°K	398411	+155 Hz
2026-02-14 Saturday	00:00	163°	+14°	0 dB	0°	163°	+14°	218°	-27°	7.7dB	821°K	398340	+124 Hz
2026-02-14 Saturday	00:30	170°	+15°	0 dB	0°	170°	+15°	225°	-27°	7.6dB	808°K	398269	+91 Hz
2026-02-14 Saturday	01:00	177°	+16°	0 dB	0°	177°	+16°	232°	-27°	7.6dB	795°K	398197	+58 Hz
2026-02-14 Saturday	01:30	183°	+16°	0 dB	0°	183°	+16°	240°	-27°	7.5dB	781°K	398125	+24 Hz
2026-02-14 Saturday	02:00	190°	+15°	0 dB	0°	190°	+15°	247°	-27°	7.4dB	768°K	398052	-10 Hz
2026-02-14 Saturday	02:30	197°	+14°	0 dB	0°	197°	+14°	254°	-27°	7.3dB	755°K	397980	-42 Hz
2026-02-14 Saturday	03:00	203°	+13°	0 dB	0°	203°	+13°	261°	-27°	7.3dB	742°K	397907	-74 Hz
2026-02-14 Saturday	03:30	209°	+11°	0 dB	0°	209°	+11°	269°	-27°	7.2dB	729°K	397834	-103 Hz
2026-02-14 Saturday	04:00	215°	+8°	0 dB	0°	215°	+8°	276°	-27°	7.1dB	716°K	397760	-130 Hz
2026-02-14 Saturday	04:30	221°	+5°	0 dB	0°	221°	+5°	283°	-27°	7.0dB	703°K	397687	-154 Hz
2026-02-14 Saturday	05:00	227°	+1°	0 dB	0°	227°	+1°	290°	-27°	7.0dB	690°K	397613	-175 Hz
2026-02-14 Saturday	22:00	128°	+0°	0 dB	0°	128°	+0°	177°	-25°	4.7dB	402°K	394965	+280 Hz
2026-02-14 Saturday	22:30	134°	+4°	0 dB	0°	134°	+4°	184°	-24°	4.7dB	397°K	394883	+262 Hz
2026-02-14 Saturday	23:00	139°	+8°	0 dB	0°	139°	+8°	191°	-24°	4.6dB	391°K	394802	+240 Hz
2026-02-14 Saturday	23:30	145°	+11°	0 dB	0°	145°	+11°	198°	-24°	4.6dB	385°K	394720	+215 Hz
2026-02-15 Sunday	00:00	151°	+13°	0 dB	0°	151°	+13°	206°	-24°	4.5dB	380°K	394639	+187 Hz
2026-02-15 Sunday	00:30	158°	+16°	0 dB	0°	158°	+16°	213°	-24°	4.4dB	374°K	394557	+156 Hz
2026-02-15 Sunday	01:00	165°	+17°	0 dB	0°	165°	+17°	220°	-24°	4.4dB	369°K	394475	+124 Hz
2026-02-15 Sunday	01:30	172°	+18°	0 dB	0°	172°	+18°	227°	-24°	4.4dB	367°K	394393	+90 Hz
2026-02-15 Sunday	02:00	179°	+19°	0 dB	0°	179°	+19°	235°	-24°	4.4dB	366°K	394310	+55 Hz
2026-02-15 Sunday	02:30	186°	+19°	0 dB	0°	186°	+19°	242°	-24°	4.3dB	364°K	394228	+20 Hz
2026-02-15 Sunday	03:00	193°	+18°	0 dB	0°	193°	+18°	249°	-24°	4.3dB	363°K	394145	-14 Hz
2026-02-15 Sunday	03:30	199°	+17°	0 dB	0°	199°	+17°	256°	-24°	4.3dB	361°K	394062	-47 Hz
2026-02-15 Sunday	04:00	206°	+15°	0 dB	0°	206°	+15°	263°	-24°	4.3dB	359°K	393979	-79 Hz
2026-02-15 Sunday	04:30	212°	+12°	0 dB	0°	212°	+12°	271°	-24°	4.3dB	358°K	393896	-109 Hz
2026-02-15 Sunday	05:00	219°	+10°	0 dB	0°	219°	+10°	278°	-24°	4.2dB	356°K	393813	-136 Hz
2026-02-15 Sunday	05:30	224°	+6°	0 dB	0°	224°	+6°	285°	-24°	4.2dB	355°K	393730	-160 Hz
2026-02-15 Sunday	06:00	230°	+3°	0 dB	0°	230°	+3°	292°	-23°	4.2dB	353°K	393647	-180 Hz
2026-02-15 Sunday	22:30	123°	+1°	0 dB	0°	123°	+1°	172°	-21°	3.8dB	326°K	390846	+302 Hz
2026-02-15 Sunday	23:00	128°	+5°	0 dB	0°	128°	+5°	179°	-21°	3.8dB	326°K	390760	+286 Hz
2026-02-15 Sunday	23:30	133°	+9°	0 dB	0°	133°	+9°	186°	-21°	3.8dB	326°K	390674	+266 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-16 Monday	00:00	139°	+12°	0 dB	0°	139°	+12°	193°	-20°	3.8dB	326°K	390588	+242 Hz
2026-02-16 Monday	00:30	146°	+15°	0 dB	0°	146°	+15°	201°	-20°	3.8dB	326°K	390502	+215 Hz
2026-02-16 Monday	01:00	152°	+18°	0 dB	0°	152°	+18°	208°	-20°	3.8dB	326°K	390416	+185 Hz
2026-02-16 Monday	01:30	159°	+20°	0 dB	0°	159°	+20°	215°	-20°	3.8dB	326°K	390330	+152 Hz
2026-02-16 Monday	02:00	166°	+22°	0 dB	0°	166°	+22°	222°	-20°	3.7dB	326°K	390244	+118 Hz
2026-02-16 Monday	02:30	174°	+23°	0 dB	0°	174°	+23°	230°	-20°	3.7dB	326°K	390158	+82 Hz
2026-02-16 Monday	03:00	181°	+23°	0 dB	0°	181°	+23°	237°	-20°	3.7dB	326°K	390072	+46 Hz
2026-02-16 Monday	03:30	188°	+23°	0 dB	0°	188°	+23°	244°	-20°	3.7dB	326°K	389986	+10 Hz
2026-02-16 Monday	04:00	196°	+22°	0 dB	0°	196°	+22°	252°	-20°	3.7dB	326°K	389900	-25 Hz
2026-02-16 Monday	04:30	203°	+20°	0 dB	0°	203°	+20°	259°	-20°	3.7dB	326°K	389814	-59 Hz
2026-02-16 Monday	05:00	210°	+18°	0 dB	0°	210°	+18°	266°	-19°	3.7dB	326°K	389728	-92 Hz
2026-02-16 Monday	05:30	216°	+15°	0 dB	0°	216°	+15°	273°	-19°	3.7dB	326°K	389642	-122 Hz
2026-02-16 Monday	06:00	223°	+12°	0 dB	0°	223°	+12°	281°	-19°	3.7dB	326°K	389556	-149 Hz
2026-02-16 Monday	06:30	229°	+9°	0 dB	0°	229°	+9°	288°	-19°	3.7dB	326°K	389470	-172 Hz
2026-02-16 Monday	07:00	235°	+5°	0 dB	0°	235°	+5°	295°	-19°	3.7dB	326°K	389384	-192 Hz
2026-02-16 Monday	07:30	240°	+1°	0 dB	0°	240°	+1°	302°	-19°	3.7dB	326°K	389299	-208 Hz
2026-02-16 Monday	23:00	116°	+2°	0 dB	0°	116°	+2°	167°	-16°	3.5dB	SUN!	386656	+318 Hz
2026-02-16 Monday	23:30	122°	+6°	0 dB	0°	122°	+6°	175°	-16°	3.5dB	SUN!	386571	+304 Hz
2026-02-17 Tuesday	00:00	127°	+10°	0 dB	0°	127°	+10°	182°	-16°	3.5dB	SUN!	386487	+286 Hz
2026-02-17 Tuesday	00:30	133°	+14°	0 dB	0°	133°	+14°	189°	-15°	3.4dB	SUN!	386403	+263 Hz
2026-02-17 Tuesday	01:00	139°	+18°	0 dB	0°	139°	+18°	196°	-15°	3.4dB	SUN!	386320	+237 Hz
2026-02-17 Tuesday	01:30	146°	+21°	0 dB	0°	146°	+21°	204°	-15°	3.4dB	SUN!	386236	+208 Hz
2026-02-17 Tuesday	02:00	153°	+24°	0 dB	0°	153°	+24°	211°	-15°	3.4dB	SUN!	386152	+176 Hz
2026-02-17 Tuesday	02:30	161°	+26°	0 dB	0°	161°	+26°	218°	-15°	3.4dB	SUN!	386069	+141 Hz
2026-02-17 Tuesday	03:00	168°	+27°	0 dB	0°	168°	+27°	225°	-15°	3.4dB	SUN!	385985	+105 Hz
2026-02-17 Tuesday	03:30	176°	+28°	0 dB	0°	176°	+28°	233°	-15°	3.3dB	SUN!	385902	+68 Hz
2026-02-17 Tuesday	04:00	184°	+28°	0 dB	0°	184°	+28°	240°	-15°	3.3dB	SUN!	385818	+30 Hz
2026-02-17 Tuesday	04:30	192°	+28°	0 dB	0°	192°	+28°	247°	-15°	3.3dB	SUN!	385735	-7 Hz
2026-02-17 Tuesday	05:00	200°	+26°	0 dB	0°	200°	+26°	254°	-14°	3.3dB	SUN!	385652	-43 Hz
2026-02-17 Tuesday	05:30	208°	+24°	0 dB	0°	208°	+24°	262°	-14°	3.3dB	SUN!	385569	-78 Hz
2026-02-17 Tuesday	06:00	215°	+22°	0 dB	0°	215°	+22°	269°	-14°	3.3dB	SUN!	385487	-111 Hz
2026-02-17 Tuesday	06:30	222°	+19°	0 dB	0°	222°	+19°	276°	-14°	3.3dB	SUN!	385404	-141 Hz
2026-02-17 Tuesday	07:00	228°	+15°	0 dB	0°	228°	+15°	284°	-14°	3.2dB	SUN!	385321	-167 Hz
2026-02-17 Tuesday	07:30	234°	+12°	0 dB	0°	234°	+12°	291°	-14°	3.2dB	SUN!	385239	-190 Hz
2026-02-17 Tuesday	08:00	240°	+7°	0 dB	0°	240°	+7°	298°	-14°	3.2dB	SUN!	385157	-209 Hz
2026-02-17 Tuesday	08:30	246°	+3°	0 dB	0°	246°	+3°	305°	-14°	3.2dB	SUN!	385075	-223 Hz
2026-02-17 Tuesday	23:30	109°	+4°	0 dB	0°	109°	+4°	163°	-10°	2.4dB	SUN!	382679	+329 Hz
2026-02-18 Wednesday	00:00	115°	+8°	0 dB	0°	115°	+8°	171°	-10°	2.4dB	SUN!	382602	+317 Hz
2026-02-18 Wednesday	00:30	120°	+13°	0 dB	0°	120°	+13°	178°	-10°	2.4dB	SUN!	382525	+300 Hz
2026-02-18 Wednesday	01:00	126°	+17°	0 dB	0°	126°	+17°	185°	-10°	2.3dB	SUN!	382448	+279 Hz
2026-02-18 Wednesday	01:30	133°	+21°	0 dB	0°	133°	+21°	192°	-9°	2.3dB	SUN!	382371	+254 Hz
2026-02-18 Wednesday	02:00	140°	+25°	0 dB	0°	140°	+25°	200°	-9°	2.3dB	SUN!	382295	+226 Hz
2026-02-18 Wednesday	02:30	147°	+28°	0 dB	0°	147°	+28°	207°	-9°	2.3dB	SUN!	382219	+194 Hz
2026-02-18 Wednesday	03:00	155°	+31°	0 dB	0°	155°	+31°	214°	-9°	2.3dB	SUN!	382143	+159 Hz
2026-02-18 Wednesday	03:30	163°	+33°	0 dB	0°	163°	+33°	222°	-9°	2.3dB	SUN!	382067	+123 Hz
2026-02-18 Wednesday	04:00	171°	+34°	0 dB	0°	171°	+34°	229°	-9°	2.3dB	SUN!	381991	+85 Hz
2026-02-18 Wednesday	04:30	180°	+34°	0 dB	0°	180°	+34°	236°	-9°	2.3dB	SUN!	381915	+47 Hz
2026-02-18 Wednesday	05:00	189°	+34°	0 dB	0°	189°	+34°	243°	-9°	2.3dB	243°K	381840	+8 Hz
2026-02-18 Wednesday	05:30	197°	+33°	0 dB	0°	197°	+33°	251°	-8°	2.3dB	243°K	381765	-30 Hz
2026-02-18 Wednesday	06:00	206°	+31°	0 dB	0°	206°	+31°	258°	-8°	2.3dB	243°K	381690	-67 Hz
2026-02-18 Wednesday	06:30	214°	+29°	0 dB	0°	214°	+29°	265°	-8°	2.3dB	243°K	381615	-101 Hz
2026-02-18 Wednesday	07:00	221°	+26°	0 dB	0°	221°	+26°	272°	-8°	2.3dB	243°K	381541	-134 Hz
2026-02-18 Wednesday	07:30	228°	+23°	0 dB	0°	228°	+23°	280°	-8°	2.3dB	243°K	381467	-163 Hz
2026-02-18 Wednesday	08:00	235°	+19°	0 dB	0°	235°	+19°	287°	-8°	2.3dB	243°K	381392	-188 Hz
2026-02-18 Wednesday	08:30	241°	+14°	0 dB	0°	241°	+14°	294°	-8°	2.3dB	243°K	381319	-210 Hz
2026-02-18 Wednesday	09:00	247°	+10°	0 dB	0°	247°	+10°	301°	-8°	2.3dB	243°K	381245	-227 Hz
2026-02-18 Wednesday	09:30	252°	+5°	0 dB	0°	252°	+5°	309°	-7°	2.3dB	243°K	381171	-240 Hz
2026-02-18 Wednesday	10:00	258°	+1°	0 dB	0°	258°	+1°	316°	-7°	2.3dB	243°K	381098	-248 Hz
2026-02-18 Wednesday	23:30	097°	+1°	0 dB	0°	097°	+1°	152°	-4°	2.2dB	241°K	379205	+338 Hz
2026-02-19 Thursday	00:00	102°	+6°	0 dB	0°	102°	+6°	160°	-4°	2.2dB	241°K	379138	+333 Hz
2026-02-19 Thursday	00:30	108°	+11°	0 dB	0°	108°	+11°	167°	-3°	2.1dB	240°K	379071	+323 Hz
2026-02-19 Thursday	01:00	113°	+16°	0 dB	0°	113°	+16°	174°	-3°	2.1dB	240°K	379005	+308 Hz
2026-02-19 Thursday	01:30	119°	+20°	0 dB	0°	119°	+20°	181°	-3°	2.1dB	240°K	378939	+289 Hz
2026-02-19 Thursday	02:00	126°	+25°	0 dB	0°	126°	+25°	189°	-3°	2.1dB	240°K	378873	+266 Hz
2026-02-19 Thursday	02:30	132°	+29°	0 dB	0°	132°	+29°	196°	-3°	2.1dB	240°K	378807	+238 Hz
2026-02-19 Thursday	03:00	140°	+32°	0 dB	0°	140°	+32°	203°	-3°	2.1dB	240°K	378742	+207 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-19 Thursday	03:30	148°	+35°	0 dB	0°	148°	+35°	210°	-3°	2.1dB	240°K	378676	+174 Hz
2026-02-19 Thursday	04:00	156°	+38°	0 dB	0°	156°	+38°	218°	-3°	2.1dB	239°K	378611	+138 Hz
2026-02-19 Thursday	04:30	165°	+40°	0 dB	0°	165°	+40°	225°	-2°	2.1dB	239°K	378547	+100 Hz
2026-02-19 Thursday	05:00	175°	+41°	0 dB	0°	175°	+41°	232°	-2°	2.1dB	239°K	378482	+61 Hz
2026-02-19 Thursday	05:30	185°	+41°	0 dB	0°	185°	+41°	240°	-2°	2.1dB	239°K	378418	+21 Hz
2026-02-19 Thursday	06:00	194°	+40°	0 dB	0°	194°	+40°	247°	-2°	2.1dB	239°K	378354	-18 Hz
2026-02-19 Thursday	06:30	204°	+39°	0 dB	0°	204°	+39°	254°	-2°	2.1dB	239°K	378291	-56 Hz
2026-02-19 Thursday	07:00	212°	+36°	0 dB	0°	212°	+36°	261°	-2°	2.1dB	239°K	378227	-92 Hz
2026-02-19 Thursday	07:30	221°	+33°	0 dB	0°	221°	+33°	269°	-2°	2.1dB	239°K	378164	-126 Hz
2026-02-19 Thursday	08:00	228°	+30°	0 dB	0°	228°	+30°	276°	-1°	2.1dB	239°K	378101	-157 Hz
2026-02-19 Thursday	08:30	235°	+26°	0 dB	0°	235°	+26°	283°	-1°	2.1dB	239°K	378038	-185 Hz
2026-02-19 Thursday	09:00	242°	+22°	0 dB	0°	242°	+22°	290°	-1°	2.1dB	239°K	377976	-209 Hz
2026-02-19 Thursday	09:30	248°	+17°	0 dB	0°	248°	+17°	298°	-1°	2.1dB	239°K	377914	-228 Hz
2026-02-19 Thursday	10:00	254°	+13°	0 dB	0°	254°	+13°	305°	-1°	2.1dB	239°K	377852	-243 Hz
2026-02-19 Thursday	10:30	259°	+8°	0 dB	0°	259°	+8°	312°	-1°	2.1dB	239°K	377790	-254 Hz
2026-02-19 Thursday	11:00	265°	+3°	0 dB	0°	265°	+3°	320°	-1°	2.1dB	239°K	377729	-260 Hz
2026-02-20 Friday	00:00	090°	+3°	0 dB	0°	090°	+3°	149°	+3°	2.1dB	246°K	376224	+334 Hz
2026-02-20 Friday	00:30	095°	+8°	0 dB	0°	095°	+8°	156°	+3°	2.1dB	247°K	376170	+331 Hz
2026-02-20 Friday	01:00	100°	+13°	0 dB	0°	100°	+13°	163°	+3°	2.1dB	248°K	376116	+323 Hz
2026-02-20 Friday	01:30	106°	+18°	0 dB	0°	106°	+18°	170°	+3°	2.1dB	248°K	376062	+311 Hz
2026-02-20 Friday	02:00	111°	+23°	0 dB	0°	111°	+23°	178°	+3°	2.1dB	249°K	376008	+294 Hz
2026-02-20 Friday	02:30	118°	+28°	0 dB	0°	118°	+28°	185°	+4°	2.1dB	249°K	375955	+272 Hz
2026-02-20 Friday	03:00	124°	+32°	0 dB	0°	124°	+32°	192°	+4°	2.1dB	250°K	375902	+247 Hz
2026-02-20 Friday	03:30	132°	+36°	0 dB	0°	132°	+36°	199°	+4°	2.2dB	251°K	375849	+217 Hz
2026-02-20 Friday	04:00	140°	+40°	0 dB	0°	140°	+40°	207°	+4°	2.2dB	251°K	375797	+185 Hz
2026-02-20 Friday	04:30	149°	+43°	0 dB	0°	149°	+43°	214°	+4°	2.2dB	252°K	375744	+150 Hz
2026-02-20 Friday	05:00	158°	+45°	0 dB	0°	158°	+45°	221°	+4°	2.2dB	252°K	375692	+113 Hz
2026-02-20 Friday	05:30	169°	+47°	0 dB	0°	169°	+47°	228°	+4°	2.2dB	253°K	375641	+74 Hz
2026-02-20 Friday	06:00	180°	+48°	0 dB	0°	180°	+48°	236°	+5°	2.2dB	253°K	375589	+35 Hz
2026-02-20 Friday	06:30	190°	+47°	0 dB	0°	190°	+47°	243°	+5°	2.2dB	254°K	375538	-5 Hz
2026-02-20 Friday	07:00	201°	+46°	0 dB	0°	201°	+46°	250°	+5°	2.2dB	255°K	375487	-43 Hz
2026-02-20 Friday	07:30	211°	+44°	0 dB	0°	211°	+44°	258°	+5°	2.2dB	255°K	375437	-80 Hz
2026-02-20 Friday	08:00	220°	+41°	0 dB	0°	220°	+41°	265°	+5°	2.2dB	256°K	375386	-116 Hz
2026-02-20 Friday	08:30	228°	+38°	0 dB	0°	228°	+38°	272°	+5°	2.2dB	256°K	375336	-148 Hz
2026-02-20 Friday	09:00	236°	+34°	0 dB	0°	236°	+34°	279°	+5°	2.2dB	257°K	375286	-178 Hz
2026-02-20 Friday	09:30	243°	+30°	0 dB	0°	243°	+30°	287°	+5°	2.2dB	258°K	375237	-204 Hz
2026-02-20 Friday	10:00	250°	+25°	0 dB	0°	250°	+25°	294°	+6°	2.2dB	258°K	375187	-225 Hz
2026-02-20 Friday	10:30	256°	+20°	0 dB	0°	256°	+20°	301°	+6°	2.2dB	259°K	375138	-243 Hz
2026-02-20 Friday	11:00	261°	+16°	0 dB	0°	261°	+16°	308°	+6°	2.2dB	259°K	375090	-256 Hz
2026-02-20 Friday	11:30	267°	+11°	0 dB	0°	267°	+11°	316°	+6°	2.2dB	260°K	375041	-264 Hz
2026-02-20 Friday	12:00	272°	+6°	0 dB	0°	272°	+6°	323°	+6°	2.3dB	261°K	374993	-267 Hz
2026-02-20 Friday	12:30	277°	+1°	0 dB	0°	277°	+1°	330°	+6°	2.3dB	261°K	374945	-265 Hz
2026-02-21 Saturday	00:00	077°	-0°	0 dB	0°	077°	-0°	137°	+9°	2.4dB	275°K	373914	+319 Hz
2026-02-21 Saturday	00:30	082°	+5°	0 dB	0°	082°	+5°	144°	+9°	2.4dB	276°K	373872	+324 Hz
2026-02-21 Saturday	01:00	087°	+10°	0 dB	0°	087°	+10°	152°	+10°	2.4dB	276°K	373830	+323 Hz
2026-02-21 Saturday	01:30	092°	+15°	0 dB	0°	092°	+15°	159°	+10°	2.4dB	277°K	373789	+318 Hz
2026-02-21 Saturday	02:00	098°	+20°	0 dB	0°	098°	+20°	166°	+10°	2.4dB	277°K	373748	+308 Hz
2026-02-21 Saturday	02:30	103°	+25°	0 dB	0°	103°	+25°	173°	+10°	2.4dB	278°K	373708	+294 Hz
2026-02-21 Saturday	03:00	109°	+30°	0 dB	0°	109°	+30°	181°	+10°	2.4dB	279°K	373667	+275 Hz
2026-02-21 Saturday	03:30	116°	+35°	0 dB	0°	116°	+35°	188°	+10°	2.4dB	279°K	373627	+251 Hz
2026-02-21 Saturday	04:00	123°	+39°	0 dB	0°	123°	+39°	195°	+10°	2.4dB	280°K	373587	+224 Hz
2026-02-21 Saturday	04:30	131°	+44°	0 dB	0°	131°	+44°	202°	+11°	2.5dB	281°K	373547	+194 Hz
2026-02-21 Saturday	05:00	139°	+47°	0 dB	0°	139°	+47°	210°	+11°	2.4dB	281°K	373508	+161 Hz
2026-02-21 Saturday	05:30	149°	+50°	0 dB	0°	149°	+50°	217°	+11°	2.5dB	282°K	373469	+125 Hz
2026-02-21 Saturday	06:00	160°	+53°	0 dB	0°	160°	+53°	224°	+11°	2.5dB	282°K	373430	+88 Hz
2026-02-21 Saturday	06:30	172°	+54°	0 dB	0°	172°	+54°	232°	+11°	2.5dB	283°K	373391	+49 Hz
2026-02-21 Saturday	07:00	185°	+54°	0 dB	0°	185°	+54°	239°	+11°	2.5dB	284°K	373353	+10 Hz
2026-02-21 Saturday	07:30	197°	+54°	0 dB	0°	197°	+54°	246°	+11°	2.5dB	284°K	373315	-28 Hz
2026-02-21 Saturday	08:00	208°	+52°	0 dB	0°	208°	+52°	253°	+11°	2.5dB	285°K	373277	-65 Hz
2026-02-21 Saturday	08:30	219°	+49°	0 dB	0°	219°	+49°	261°	+12°	2.5dB	285°K	373239	-101 Hz
2026-02-21 Saturday	09:00	228°	+46°	0 dB	0°	228°	+46°	268°	+12°	2.5dB	286°K	373202	-135 Hz
2026-02-21 Saturday	09:30	237°	+42°	0 dB	0°	237°	+42°	275°	+12°	2.5dB	287°K	373165	-166 Hz
2026-02-21 Saturday	10:00	244°	+37°	0 dB	0°	244°	+37°	282°	+12°	2.5dB	287°K	373128	-193 Hz
2026-02-21 Saturday	10:30	251°	+33°	0 dB	0°	251°	+33°	290°	+12°	2.5dB	288°K	373091	-217 Hz
2026-02-21 Saturday	11:00	257°	+28°	0 dB	0°	257°	+28°	297°	+12°	2.5dB	289°K	373055	-236 Hz
2026-02-21 Saturday	11:30	263°	+23°	0 dB	0°	263°	+23°	304°	+12°	2.5dB	289°K	373019	-252 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-21 Saturday	12:00	268°	+18°	0 dB	0°	268°	+18°	311°	+12°	2.5dB	290°K	372983	-262 Hz
2026-02-21 Saturday	12:30	273°	+13°	0 dB	0°	273°	+13°	319°	+13°	2.5dB	290°K	372948	-268 Hz
2026-02-21 Saturday	13:00	279°	+8°	0 dB	0°	279°	+8°	326°	+13°	2.5dB	291°K	372912	-269 Hz
2026-02-21 Saturday	13:30	284°	+4°	0 dB	0°	284°	+4°	333°	+13°	2.6dB	292°K	372877	-266 Hz
2026-02-22 Sunday	00:30	070°	+1°	0 dB	0°	070°	+1°	132°	+16°	2.6dB	300°K	372166	+301 Hz
2026-02-22 Sunday	01:00	075°	+6°	0 dB	0°	075°	+6°	140°	+16°	2.6dB	301°K	372137	+308 Hz
2026-02-22 Sunday	01:30	080°	+11°	0 dB	0°	080°	+11°	147°	+16°	2.6dB	301°K	372107	+310 Hz
2026-02-22 Sunday	02:00	085°	+16°	0 dB	0°	085°	+16°	154°	+16°	2.6dB	301°K	372078	+308 Hz
2026-02-22 Sunday	02:30	090°	+21°	0 dB	0°	090°	+21°	161°	+16°	2.6dB	302°K	372049	+301 Hz
2026-02-22 Sunday	03:00	095°	+26°	0 dB	0°	095°	+26°	169°	+16°	2.6dB	302°K	372021	+290 Hz
2026-02-22 Sunday	03:30	100°	+31°	0 dB	0°	100°	+31°	176°	+16°	2.6dB	302°K	371992	+274 Hz
2026-02-22 Sunday	04:00	106°	+36°	0 dB	0°	106°	+36°	183°	+16°	2.6dB	303°K	371964	+254 Hz
2026-02-22 Sunday	04:30	113°	+41°	0 dB	0°	113°	+41°	190°	+16°	2.6dB	303°K	371936	+230 Hz
2026-02-22 Sunday	05:00	120°	+46°	0 dB	0°	120°	+46°	198°	+17°	2.6dB	303°K	371909	+202 Hz
2026-02-22 Sunday	05:30	128°	+50°	0 dB	0°	128°	+50°	205°	+17°	2.7dB	304°K	371881	+172 Hz
2026-02-22 Sunday	06:00	138°	+54°	0 dB	0°	138°	+54°	212°	+17°	2.7dB	304°K	371854	+138 Hz
2026-02-22 Sunday	06:30	149°	+57°	0 dB	0°	149°	+57°	219°	+17°	2.7dB	306°K	371827	+103 Hz
2026-02-22 Sunday	07:00	162°	+59°	0 dB	0°	162°	+59°	227°	+17°	2.7dB	307°K	371800	+66 Hz
2026-02-22 Sunday	07:30	176°	+60°	0 dB	0°	176°	+60°	234°	+17°	2.7dB	309°K	371774	+29 Hz
2026-02-22 Sunday	08:00	190°	+60°	0 dB	0°	190°	+60°	241°	+17°	2.7dB	311°K	371747	-9 Hz
2026-02-22 Sunday	08:30	204°	+59°	0 dB	0°	204°	+59°	248°	+17°	2.7dB	312°K	371721	-46 Hz
2026-02-22 Sunday	09:00	216°	+57°	0 dB	0°	216°	+57°	256°	+18°	2.8dB	314°K	371695	-82 Hz
2026-02-22 Sunday	09:30	227°	+53°	0 dB	0°	227°	+53°	263°	+18°	2.8dB	315°K	371670	-116 Hz
2026-02-22 Sunday	10:00	236°	+49°	0 dB	0°	236°	+49°	270°	+18°	2.8dB	317°K	371644	-148 Hz
2026-02-22 Sunday	10:30	244°	+45°	0 dB	0°	244°	+45°	277°	+18°	2.8dB	319°K	371619	-177 Hz
2026-02-22 Sunday	11:00	251°	+40°	0 dB	0°	251°	+40°	285°	+18°	2.8dB	320°K	371594	-202 Hz
2026-02-22 Sunday	11:30	258°	+36°	0 dB	0°	258°	+36°	292°	+18°	2.9dB	322°K	371570	-224 Hz
2026-02-22 Sunday	12:00	264°	+31°	0 dB	0°	264°	+31°	299°	+18°	2.9dB	324°K	371545	-242 Hz
2026-02-22 Sunday	12:30	269°	+26°	0 dB	0°	269°	+26°	306°	+18°	2.9dB	325°K	371521	-255 Hz
2026-02-22 Sunday	13:00	274°	+21°	0 dB	0°	274°	+21°	313°	+18°	2.9dB	327°K	371497	-264 Hz
2026-02-22 Sunday	13:30	279°	+16°	0 dB	0°	279°	+16°	321°	+19°	2.9dB	329°K	371473	-268 Hz
2026-02-22 Sunday	14:00	284°	+11°	0 dB	0°	284°	+11°	328°	+19°	2.9dB	330°K	371449	-268 Hz
2026-02-22 Sunday	14:30	289°	+6°	0 dB	0°	289°	+6°	335°	+19°	3.0dB	332°K	371426	-263 Hz
2026-02-22 Sunday	15:00	295°	+2°	0 dB	0°	295°	+2°	342°	+19°	3.0dB	334°K	371403	-254 Hz
2026-02-23 Monday	01:00	062°	+2°	0 dB	0°	062°	+2°	127°	+21°	3.2dB	358°K	370986	+277 Hz
2026-02-23 Monday	01:30	067°	+6°	0 dB	0°	067°	+6°	134°	+21°	3.2dB	358°K	370967	+287 Hz
2026-02-23 Monday	02:00	072°	+11°	0 dB	0°	072°	+11°	141°	+21°	3.2dB	359°K	370949	+293 Hz
2026-02-23 Monday	02:30	077°	+16°	0 dB	0°	077°	+16°	149°	+21°	3.2dB	360°K	370931	+294 Hz
2026-02-23 Monday	03:00	082°	+21°	0 dB	0°	082°	+21°	156°	+21°	3.2dB	361°K	370913	+291 Hz
2026-02-23 Monday	03:30	086°	+26°	0 dB	0°	086°	+26°	163°	+21°	3.3dB	362°K	370895	+283 Hz
2026-02-23 Monday	04:00	091°	+31°	0 dB	0°	091°	+31°	170°	+22°	3.3dB	363°K	370877	+271 Hz
2026-02-23 Monday	04:30	097°	+36°	0 dB	0°	097°	+36°	178°	+22°	3.3dB	364°K	370860	+255 Hz
2026-02-23 Monday	05:00	103°	+41°	0 dB	0°	103°	+41°	185°	+22°	3.3dB	364°K	370843	+235 Hz
2026-02-23 Monday	05:30	109°	+46°	0 dB	0°	109°	+46°	192°	+22°	3.3dB	365°K	370826	+211 Hz
2026-02-23 Monday	06:00	117°	+51°	0 dB	0°	117°	+51°	199°	+22°	3.3dB	366°K	370809	+184 Hz
2026-02-23 Monday	06:30	125°	+55°	0 dB	0°	125°	+55°	206°	+22°	3.3dB	367°K	370793	+153 Hz
2026-02-23 Monday	07:00	135°	+59°	0 dB	0°	135°	+59°	214°	+22°	3.3dB	368°K	370777	+121 Hz
2026-02-23 Monday	07:30	148°	+63°	0 dB	0°	148°	+63°	221°	+22°	3.3dB	369°K	370761	+86 Hz
2026-02-23 Monday	08:00	162°	+65°	0 dB	0°	162°	+65°	228°	+22°	3.3dB	369°K	370745	+51 Hz
2026-02-23 Monday	08:30	178°	+66°	0 dB	0°	178°	+66°	235°	+22°	3.3dB	368°K	370729	+14 Hz
2026-02-23 Monday	09:00	195°	+65°	0 dB	0°	195°	+65°	243°	+22°	3.3dB	367°K	370714	-22 Hz
2026-02-23 Monday	09:30	210°	+63°	0 dB	0°	210°	+63°	250°	+23°	3.3dB	366°K	370698	-58 Hz
2026-02-23 Monday	10:00	223°	+61°	0 dB	0°	223°	+61°	257°	+23°	3.3dB	365°K	370683	-92 Hz
2026-02-23 Monday	10:30	234°	+57°	0 dB	0°	234°	+57°	264°	+23°	3.3dB	364°K	370668	-125 Hz
2026-02-23 Monday	11:00	243°	+53°	0 dB	0°	243°	+53°	271°	+23°	3.3dB	364°K	370654	-155 Hz
2026-02-23 Monday	11:30	251°	+48°	0 dB	0°	251°	+48°	279°	+23°	3.3dB	363°K	370639	-182 Hz
2026-02-23 Monday	12:00	257°	+43°	0 dB	0°	257°	+43°	286°	+23°	3.2dB	362°K	370625	-206 Hz
2026-02-23 Monday	12:30	263°	+38°	0 dB	0°	263°	+38°	293°	+23°	3.2dB	361°K	370611	-226 Hz
2026-02-23 Monday	13:00	269°	+33°	0 dB	0°	269°	+33°	300°	+23°	3.2dB	360°K	370597	-243 Hz
2026-02-23 Monday	13:30	274°	+28°	0 dB	0°	274°	+28°	307°	+23°	3.2dB	359°K	370584	-255 Hz
2026-02-23 Monday	14:00	279°	+23°	0 dB	0°	279°	+23°	315°	+23°	3.2dB	358°K	370570	-263 Hz
2026-02-23 Monday	14:30	284°	+19°	0 dB	0°	284°	+19°	322°	+23°	3.2dB	357°K	370557	-266 Hz
2026-02-23 Monday	15:00	289°	+14°	0 dB	0°	289°	+14°	329°	+23°	3.2dB	356°K	370544	-265 Hz
2026-02-23 Monday	15:30	294°	+9°	0 dB	0°	294°	+9°	336°	+24°	3.2dB	356°K	370531	-260 Hz
2026-02-23 Monday	16:00	299°	+5°	0 dB	0°	299°	+5°	344°	+24°	3.2dB	355°K	370519	-250 Hz
2026-02-23 Monday	16:30	304°	+0°	0 dB	0°	304°	+0°	351°	+24°	3.2dB	354°K	370506	-237 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-24 Tuesday	01:30	055°	+1°	0 dB	0°	055°	+1°	120°	+25°	3.2dB	358°K	370318	+250 Hz
2026-02-24 Tuesday	02:00	060°	+5°	0 dB	0°	060°	+5°	128°	+25°	3.2dB	358°K	370309	+264 Hz
2026-02-24 Tuesday	02:30	065°	+10°	0 dB	0°	065°	+10°	135°	+25°	3.2dB	359°K	370301	+273 Hz
2026-02-24 Tuesday	03:00	069°	+14°	0 dB	0°	069°	+14°	142°	+25°	3.2dB	360°K	370293	+278 Hz
2026-02-24 Tuesday	03:30	074°	+19°	0 dB	0°	074°	+19°	149°	+25°	3.2dB	361°K	370285	+279 Hz
2026-02-24 Tuesday	04:00	079°	+24°	0 dB	0°	079°	+24°	157°	+25°	3.2dB	362°K	370277	+275 Hz
2026-02-24 Tuesday	04:30	083°	+29°	0 dB	0°	083°	+29°	164°	+26°	3.2dB	363°K	370269	+268 Hz
2026-02-24 Tuesday	05:00	088°	+34°	0 dB	0°	088°	+34°	171°	+26°	3.2dB	364°K	370262	+256 Hz
2026-02-24 Tuesday	05:30	093°	+39°	0 dB	0°	093°	+39°	178°	+26°	3.3dB	365°K	370255	+240 Hz
2026-02-24 Tuesday	06:00	099°	+44°	0 dB	0°	099°	+44°	185°	+26°	3.3dB	366°K	370248	+220 Hz
2026-02-24 Tuesday	06:30	105°	+49°	0 dB	0°	105°	+49°	193°	+26°	3.3dB	367°K	370241	+196 Hz
2026-02-24 Tuesday	07:00	113°	+54°	0 dB	0°	113°	+54°	200°	+26°	3.3dB	368°K	370234	+170 Hz
2026-02-24 Tuesday	07:30	121°	+59°	0 dB	0°	121°	+59°	207°	+26°	3.3dB	369°K	370228	+140 Hz
2026-02-24 Tuesday	08:00	132°	+63°	0 dB	0°	132°	+63°	214°	+26°	3.3dB	370°K	370222	+109 Hz
2026-02-24 Tuesday	08:30	145°	+66°	0 dB	0°	145°	+66°	221°	+26°	3.3dB	371°K	370216	+75 Hz
2026-02-24 Tuesday	09:00	161°	+69°	0 dB	0°	161°	+69°	229°	+26°	3.3dB	372°K	370210	+41 Hz
2026-02-24 Tuesday	09:30	179°	+70°	0 dB	0°	179°	+70°	236°	+26°	3.3dB	374°K	370205	+6 Hz
2026-02-24 Tuesday	10:00	198°	+69°	0 dB	0°	198°	+69°	243°	+26°	3.4dB	375°K	370199	-29 Hz
2026-02-24 Tuesday	10:30	214°	+67°	0 dB	0°	214°	+67°	250°	+26°	3.4dB	376°K	370194	-64 Hz
2026-02-24 Tuesday	11:00	228°	+63°	0 dB	0°	228°	+63°	257°	+26°	3.4dB	377°K	370189	-97 Hz
2026-02-24 Tuesday	11:30	239°	+59°	0 dB	0°	239°	+59°	265°	+26°	3.4dB	379°K	370184	-128 Hz
2026-02-24 Tuesday	12:00	247°	+55°	0 dB	0°	247°	+55°	272°	+26°	3.4dB	380°K	370180	-158 Hz
2026-02-24 Tuesday	12:30	255°	+50°	0 dB	0°	255°	+50°	279°	+26°	3.4dB	381°K	370175	-184 Hz
2026-02-24 Tuesday	13:00	261°	+45°	0 dB	0°	261°	+45°	286°	+27°	3.4dB	383°K	370171	-207 Hz
2026-02-24 Tuesday	13:30	267°	+40°	0 dB	0°	267°	+40°	293°	+27°	3.4dB	384°K	370167	-227 Hz
2026-02-24 Tuesday	14:00	272°	+35°	0 dB	0°	272°	+35°	300°	+27°	3.4dB	385°K	370163	-242 Hz
2026-02-24 Tuesday	14:30	277°	+30°	0 dB	0°	277°	+30°	308°	+27°	3.5dB	387°K	370160	-254 Hz
2026-02-24 Tuesday	15:00	282°	+26°	0 dB	0°	282°	+26°	315°	+27°	3.5dB	388°K	370156	-262 Hz
2026-02-24 Tuesday	15:30	287°	+21°	0 dB	0°	287°	+21°	322°	+27°	3.5dB	389°K	370153	-265 Hz
2026-02-24 Tuesday	16:00	291°	+16°	0 dB	0°	291°	+16°	329°	+27°	3.5dB	391°K	370150	-264 Hz
2026-02-24 Tuesday	16:30	296°	+11°	0 dB	0°	296°	+11°	336°	+27°	3.5dB	392°K	370148	-259 Hz
2026-02-24 Tuesday	17:00	301°	+7°	0 dB	0°	301°	+7°	344°	+27°	3.5dB	393°K	370145	-250 Hz
2026-02-24 Tuesday	17:30	306°	+3°	0 dB	0°	306°	+3°	351°	+27°	3.5dB	395°K	370143	-237 Hz
2026-02-25 Wednesday	02:30	053°	+3°	0 dB	0°	053°	+3°	120°	+28°	3.8dB	421°K	370135	+237 Hz
2026-02-25 Wednesday	03:00	058°	+7°	0 dB	0°	058°	+7°	128°	+28°	3.8dB	423°K	370136	+250 Hz
2026-02-25 Wednesday	03:30	063°	+12°	0 dB	0°	063°	+12°	135°	+28°	3.8dB	424°K	370138	+260 Hz
2026-02-25 Wednesday	04:00	067°	+16°	0 dB	0°	067°	+16°	142°	+28°	3.8dB	426°K	370140	+265 Hz
2026-02-25 Wednesday	04:30	072°	+21°	0 dB	0°	072°	+21°	149°	+28°	3.8dB	427°K	370142	+266 Hz
2026-02-25 Wednesday	05:00	076°	+26°	0 dB	0°	076°	+26°	156°	+28°	3.9dB	429°K	370145	+263 Hz
2026-02-25 Wednesday	05:30	081°	+31°	0 dB	0°	081°	+31°	163°	+28°	3.9dB	431°K	370147	+256 Hz
2026-02-25 Wednesday	06:00	086°	+36°	0 dB	0°	086°	+36°	171°	+28°	3.9dB	432°K	370150	+244 Hz
2026-02-25 Wednesday	06:30	091°	+41°	0 dB	0°	091°	+41°	178°	+28°	3.9dB	434°K	370153	+229 Hz
2026-02-25 Wednesday	07:00	096°	+46°	0 dB	0°	096°	+46°	185°	+28°	3.9dB	436°K	370156	+210 Hz
2026-02-25 Wednesday	07:30	102°	+51°	0 dB	0°	102°	+51°	192°	+28°	3.9dB	439°K	370160	+187 Hz
2026-02-25 Wednesday	08:00	109°	+55°	0 dB	0°	109°	+55°	199°	+28°	4.0dB	442°K	370163	+161 Hz
2026-02-25 Wednesday	08:30	118°	+60°	0 dB	0°	118°	+60°	207°	+28°	4.0dB	444°K	370167	+133 Hz
2026-02-25 Wednesday	09:00	128°	+64°	0 dB	0°	128°	+64°	214°	+28°	4.0dB	447°K	370171	+102 Hz
2026-02-25 Wednesday	09:30	141°	+68°	0 dB	0°	141°	+68°	221°	+28°	4.0dB	450°K	370175	+69 Hz
2026-02-25 Wednesday	10:00	158°	+71°	0 dB	0°	158°	+71°	228°	+28°	4.1dB	453°K	370180	+36 Hz
2026-02-25 Wednesday	10:30	178°	+72°	0 dB	0°	178°	+72°	235°	+28°	4.1dB	456°K	370184	+1 Hz
2026-02-25 Wednesday	11:00	198°	+71°	0 dB	0°	198°	+71°	243°	+28°	4.1dB	459°K	370189	-33 Hz
2026-02-25 Wednesday	11:30	216°	+69°	0 dB	0°	216°	+69°	250°	+28°	4.1dB	462°K	370194	-67 Hz
2026-02-25 Wednesday	12:00	230°	+65°	0 dB	0°	230°	+65°	257°	+28°	4.2dB	465°K	370200	-100 Hz
2026-02-25 Wednesday	12:30	241°	+61°	0 dB	0°	241°	+61°	264°	+28°	4.2dB	468°K	370205	-131 Hz
2026-02-25 Wednesday	13:00	249°	+57°	0 dB	0°	249°	+57°	271°	+28°	4.2dB	471°K	370211	-160 Hz
2026-02-25 Wednesday	13:30	257°	+52°	0 dB	0°	257°	+52°	278°	+28°	4.2dB	473°K	370217	-186 Hz
2026-02-25 Wednesday	14:00	263°	+47°	0 dB	0°	263°	+47°	286°	+28°	4.3dB	476°K	370223	-209 Hz
2026-02-25 Wednesday	14:30	268°	+42°	0 dB	0°	268°	+42°	293°	+28°	4.3dB	479°K	370229	-228 Hz
2026-02-25 Wednesday	15:00	274°	+37°	0 dB	0°	274°	+37°	300°	+28°	4.3dB	482°K	370236	-244 Hz
2026-02-25 Wednesday	15:30	278°	+32°	0 dB	0°	278°	+32°	307°	+28°	4.3dB	485°K	370243	-256 Hz
2026-02-25 Wednesday	16:00	283°	+27°	0 dB	0°	283°	+27°	314°	+28°	4.4dB	488°K	370250	-264 Hz
2026-02-25 Wednesday	16:30	288°	+22°	0 dB	0°	288°	+22°	322°	+28°	4.4dB	491°K	370257	-268 Hz
2026-02-25 Wednesday	17:00	292°	+17°	0 dB	0°	292°	+17°	329°	+28°	4.4dB	494°K	370265	-268 Hz
2026-02-25 Wednesday	17:30	297°	+13°	0 dB	0°	297°	+13°	336°	+28°	4.4dB	497°K	370272	-263 Hz
2026-02-25 Wednesday	18:00	302°	+8°	0 dB	0°	302°	+8°	343°	+28°	4.5dB	500°K	370280	-255 Hz
2026-02-25 Wednesday	18:30	306°	+4°	0 dB	0°	306°	+4°	350°	+28°	4.5dB	500°K	370289	-242 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-25 Wednesday	19:00	311°	+0°	0 dB	0°	311°	+0°	357°	+28°	4.5dB	500°K	370297	-226 Hz
2026-02-26 Thursday	03:30	052°	+3°	0 dB	0°	052°	+3°	120°	+28°	4.5dB	500°K	370474	+227 Hz
2026-02-26 Thursday	04:00	057°	+7°	0 dB	0°	057°	+7°	127°	+28°	4.5dB	500°K	370486	+240 Hz
2026-02-26 Thursday	04:30	062°	+12°	0 dB	0°	062°	+12°	134°	+28°	4.5dB	500°K	370499	+250 Hz
2026-02-26 Thursday	05:00	066°	+16°	0 dB	0°	066°	+16°	141°	+28°	4.5dB	500°K	370512	+256 Hz
2026-02-26 Thursday	05:30	071°	+21°	0 dB	0°	071°	+21°	148°	+28°	4.4dB	498°K	370525	+257 Hz
2026-02-26 Thursday	06:00	076°	+25°	0 dB	0°	076°	+25°	156°	+28°	4.4dB	494°K	370538	+255 Hz
2026-02-26 Thursday	06:30	080°	+30°	0 dB	0°	080°	+30°	163°	+28°	4.4dB	490°K	370552	+248 Hz
2026-02-26 Thursday	07:00	085°	+35°	0 dB	0°	085°	+35°	170°	+28°	4.4dB	486°K	370566	+237 Hz
2026-02-26 Thursday	07:30	090°	+40°	0 dB	0°	090°	+40°	177°	+28°	4.3dB	482°K	370580	+222 Hz
2026-02-26 Thursday	08:00	095°	+45°	0 dB	0°	095°	+45°	184°	+28°	4.3dB	478°K	370594	+204 Hz
2026-02-26 Thursday	08:30	101°	+50°	0 dB	0°	101°	+50°	192°	+28°	4.3dB	474°K	370609	+182 Hz
2026-02-26 Thursday	09:00	108°	+55°	0 dB	0°	108°	+55°	199°	+28°	4.2dB	470°K	370624	+156 Hz
2026-02-26 Thursday	09:30	117°	+60°	0 dB	0°	117°	+60°	206°	+28°	4.2dB	467°K	370639	+128 Hz
2026-02-26 Thursday	10:00	127°	+64°	0 dB	0°	127°	+64°	213°	+28°	4.2dB	463°K	370654	+98 Hz
2026-02-26 Thursday	10:30	140°	+68°	0 dB	0°	140°	+68°	220°	+28°	4.1dB	459°K	370670	+66 Hz
2026-02-26 Thursday	11:00	156°	+70°	0 dB	0°	156°	+70°	227°	+28°	4.1dB	455°K	370686	+32 Hz
2026-02-26 Thursday	11:30	176°	+72°	0 dB	0°	176°	+72°	235°	+28°	4.1dB	451°K	370702	-2 Hz
2026-02-26 Thursday	12:00	196°	+71°	0 dB	0°	196°	+71°	242°	+28°	4.0dB	447°K	370718	-37 Hz
2026-02-26 Thursday	12:30	214°	+69°	0 dB	0°	214°	+69°	249°	+28°	4.0dB	443°K	370734	-71 Hz
2026-02-26 Thursday	13:00	228°	+66°	0 dB	0°	228°	+66°	256°	+28°	4.0dB	439°K	370751	-104 Hz
2026-02-26 Thursday	13:30	239°	+61°	0 dB	0°	239°	+61°	263°	+28°	3.9dB	436°K	370768	-135 Hz
2026-02-26 Thursday	14:00	248°	+57°	0 dB	0°	248°	+57°	271°	+28°	3.9dB	432°K	370786	-164 Hz
2026-02-26 Thursday	14:30	256°	+52°	0 dB	0°	256°	+52°	278°	+28°	3.9dB	428°K	370803	-191 Hz
2026-02-26 Thursday	15:00	262°	+47°	0 dB	0°	262°	+47°	285°	+28°	3.8dB	424°K	370821	-215 Hz
2026-02-26 Thursday	15:30	268°	+42°	0 dB	0°	268°	+42°	292°	+28°	3.8dB	420°K	370839	-235 Hz
2026-02-26 Thursday	16:00	273°	+37°	0 dB	0°	273°	+37°	299°	+28°	3.8dB	416°K	370857	-251 Hz
2026-02-26 Thursday	16:30	278°	+32°	0 dB	0°	278°	+32°	307°	+28°	3.7dB	413°K	370876	-264 Hz
2026-02-26 Thursday	17:00	282°	+27°	0 dB	0°	282°	+27°	314°	+28°	3.7dB	411°K	370894	-273 Hz
2026-02-26 Thursday	17:30	287°	+22°	0 dB	0°	287°	+22°	321°	+28°	3.7dB	409°K	370913	-277 Hz
2026-02-26 Thursday	18:00	291°	+17°	0 dB	0°	291°	+17°	328°	+28°	3.7dB	407°K	370933	-277 Hz
2026-02-26 Thursday	18:30	296°	+13°	0 dB	0°	296°	+13°	335°	+28°	3.7dB	405°K	370952	-273 Hz
2026-02-26 Thursday	19:00	301°	+8°	0 dB	0°	301°	+8°	342°	+28°	3.7dB	403°K	370972	-265 Hz
2026-02-26 Thursday	19:30	305°	+4°	0 dB	0°	305°	+4°	350°	+28°	3.6dB	401°K	370992	-253 Hz
2026-02-26 Thursday	20:00	310°	+0°	0 dB	0°	310°	+0°	357°	+28°	3.6dB	399°K	371012	-238 Hz
2026-02-27 Friday	04:30	053°	+2°	0 dB	0°	053°	+2°	119°	+27°	3.3dB	366°K	371397	+220 Hz
2026-02-27 Friday	05:00	058°	+6°	0 dB	0°	058°	+6°	126°	+27°	3.3dB	363°K	371422	+234 Hz
2026-02-27 Friday	05:30	062°	+10°	0 dB	0°	062°	+10°	134°	+27°	3.3dB	360°K	371447	+244 Hz
2026-02-27 Friday	06:00	067°	+15°	0 dB	0°	067°	+15°	141°	+27°	3.2dB	357°K	371472	+251 Hz
2026-02-27 Friday	06:30	072°	+19°	0 dB	0°	072°	+19°	148°	+27°	3.2dB	354°K	371498	+253 Hz
2026-02-27 Friday	07:00	077°	+24°	0 dB	0°	077°	+24°	155°	+27°	3.2dB	352°K	371524	+251 Hz
2026-02-27 Friday	07:30	081°	+29°	0 dB	0°	081°	+29°	162°	+27°	3.1dB	349°K	371551	+244 Hz
2026-02-27 Friday	08:00	086°	+34°	0 dB	0°	086°	+34°	169°	+27°	3.1dB	346°K	371577	+234 Hz
2026-02-27 Friday	08:30	091°	+39°	0 dB	0°	091°	+39°	177°	+27°	3.1dB	343°K	371604	+219 Hz
2026-02-27 Friday	09:00	097°	+44°	0 dB	0°	097°	+44°	184°	+27°	3.1dB	340°K	371631	+201 Hz
2026-02-27 Friday	09:30	103°	+49°	0 dB	0°	103°	+49°	191°	+27°	3.0dB	338°K	371659	+178 Hz
2026-02-27 Friday	10:00	110°	+54°	0 dB	0°	110°	+54°	198°	+27°	3.0dB	335°K	371686	+153 Hz
2026-02-27 Friday	10:30	119°	+58°	0 dB	0°	119°	+58°	205°	+26°	3.0dB	332°K	371714	+125 Hz
2026-02-27 Friday	11:00	129°	+62°	0 dB	0°	129°	+62°	213°	+26°	2.9dB	329°K	371743	+94 Hz
2026-02-27 Friday	11:30	142°	+66°	0 dB	0°	142°	+66°	220°	+26°	2.9dB	326°K	371771	+61 Hz
2026-02-27 Friday	12:00	157°	+68°	0 dB	0°	157°	+68°	227°	+26°	2.9dB	324°K	371800	+27 Hz
2026-02-27 Friday	12:30	175°	+70°	0 dB	0°	175°	+70°	234°	+26°	2.9dB	321°K	371829	-8 Hz
2026-02-27 Friday	13:00	194°	+69°	0 dB	0°	194°	+69°	241°	+26°	2.8dB	318°K	371858	-43 Hz
2026-02-27 Friday	13:30	211°	+67°	0 dB	0°	211°	+67°	249°	+26°	2.8dB	315°K	371888	-78 Hz
2026-02-27 Friday	14:00	225°	+64°	0 dB	0°	225°	+64°	256°	+26°	2.8dB	312°K	371918	-112 Hz
2026-02-27 Friday	14:30	236°	+60°	0 dB	0°	236°	+60°	263°	+26°	2.7dB	310°K	371948	-144 Hz
2026-02-27 Friday	15:00	245°	+56°	0 dB	0°	245°	+56°	270°	+26°	2.7dB	307°K	371979	-174 Hz
2026-02-27 Friday	15:30	253°	+51°	0 dB	0°	253°	+51°	277°	+26°	2.7dB	304°K	372009	-202 Hz
2026-02-27 Friday	16:00	259°	+46°	0 dB	0°	259°	+46°	285°	+26°	2.6dB	301°K	372041	-226 Hz
2026-02-27 Friday	16:30	265°	+41°	0 dB	0°	265°	+41°	292°	+26°	2.6dB	298°K	372072	-247 Hz
2026-02-27 Friday	17:00	270°	+36°	0 dB	0°	270°	+36°	299°	+26°	2.5dB	294°K	372103	-264 Hz
2026-02-27 Friday	17:30	275°	+31°	0 dB	0°	275°	+31°	306°	+26°	2.5dB	291°K	372135	-278 Hz
2026-02-27 Friday	18:00	280°	+26°	0 dB	0°	280°	+26°	314°	+26°	2.5dB	288°K	372168	-287 Hz
2026-02-27 Friday	18:30	285°	+21°	0 dB	0°	285°	+21°	321°	+25°	2.4dB	284°K	372200	-291 Hz
2026-02-27 Friday	19:00	289°	+16°	0 dB	0°	289°	+16°	328°	+25°	2.4dB	281°K	372233	-292 Hz
2026-02-27 Friday	19:30	294°	+11°	0 dB	0°	294°	+11°	335°	+25°	2.4dB	278°K	372266	-288 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-02-27 Friday	20:00	299°	+7°	0 dB	0°	299°	+7°	342°	+25°	2.3dB	274°K	372299	-280 Hz
2026-02-27 Friday	20:30	304°	+2°	0 dB	0°	304°	+2°	350°	+25°	2.3dB	271°K	372333	-268 Hz
2026-02-28 Saturday	06:00	060°	+4°	0 dB	0°	060°	+4°	127°	+24°	1.6dB	220°K	373026	+232 Hz
2026-02-28 Saturday	06:30	065°	+8°	0 dB	0°	065°	+8°	134°	+24°	1.6dB	219°K	373066	+243 Hz
2026-02-28 Saturday	07:00	070°	+13°	0 dB	0°	070°	+13°	141°	+24°	1.5dB	218°K	373105	+249 Hz
2026-02-28 Saturday	07:30	075°	+17°	0 dB	0°	075°	+17°	148°	+24°	1.5dB	217°K	373145	+252 Hz
2026-02-28 Saturday	08:00	079°	+22°	0 dB	0°	079°	+22°	155°	+23°	1.5dB	216°K	373186	+249 Hz
2026-02-28 Saturday	08:30	084°	+27°	0 dB	0°	084°	+27°	163°	+23°	1.5dB	215°K	373226	+243 Hz
2026-02-28 Saturday	09:00	090°	+32°	0 dB	0°	090°	+32°	170°	+23°	1.5dB	214°K	373267	+232 Hz
2026-02-28 Saturday	09:30	095°	+37°	0 dB	0°	095°	+37°	177°	+23°	1.5dB	213°K	373308	+216 Hz
2026-02-28 Saturday	10:00	101°	+42°	0 dB	0°	101°	+42°	184°	+23°	1.5dB	212°K	373350	+197 Hz
2026-02-28 Saturday	10:30	107°	+47°	0 dB	0°	107°	+47°	191°	+23°	1.4dB	211°K	373392	+174 Hz
2026-02-28 Saturday	11:00	115°	+51°	0 dB	0°	115°	+51°	199°	+23°	1.4dB	210°K	373434	+148 Hz
2026-02-28 Saturday	11:30	124°	+56°	0 dB	0°	124°	+56°	206°	+23°	1.4dB	209°K	373476	+118 Hz
2026-02-28 Saturday	12:00	134°	+60°	0 dB	0°	134°	+60°	213°	+23°	1.4dB	208°K	373519	+86 Hz
2026-02-28 Saturday	12:30	146°	+63°	0 dB	0°	146°	+63°	220°	+23°	1.4dB	207°K	373562	+52 Hz
2026-02-28 Saturday	13:00	161°	+65°	0 dB	0°	161°	+65°	228°	+23°	1.4dB	206°K	373605	+17 Hz
2026-02-28 Saturday	13:30	177°	+66°	0 dB	0°	177°	+66°	235°	+23°	1.4dB	205°K	373649	-19 Hz
2026-02-28 Saturday	14:00	194°	+65°	0 dB	0°	194°	+65°	242°	+22°	1.3dB	203°K	373693	-56 Hz
2026-02-28 Saturday	14:30	209°	+63°	0 dB	0°	209°	+63°	249°	+22°	1.3dB	202°K	373737	-92 Hz
2026-02-28 Saturday	15:00	222°	+60°	0 dB	0°	222°	+60°	256°	+22°	1.3dB	201°K	373782	-127 Hz
2026-02-28 Saturday	15:30	232°	+57°	0 dB	0°	232°	+57°	264°	+22°	1.3dB	200°K	373826	-160 Hz
2026-02-28 Saturday	16:00	241°	+52°	0 dB	0°	241°	+52°	271°	+22°	1.3dB	199°K	373871	-191 Hz
2026-02-28 Saturday	16:30	249°	+48°	0 dB	0°	249°	+48°	278°	+22°	1.3dB	198°K	373917	-219 Hz
2026-02-28 Saturday	17:00	256°	+43°	0 dB	0°	256°	+43°	285°	+22°	1.2dB	197°K	373963	-244 Hz
2026-02-28 Saturday	17:30	262°	+38°	0 dB	0°	262°	+38°	293°	+22°	1.2dB	196°K	374009	-265 Hz
2026-02-28 Saturday	18:00	267°	+33°	0 dB	0°	267°	+33°	300°	+22°	1.2dB	195°K	374055	-283 Hz
2026-02-28 Saturday	18:30	272°	+28°	0 dB	0°	272°	+28°	307°	+22°	1.2dB	194°K	374101	-296 Hz
2026-02-28 Saturday	19:00	277°	+22°	0 dB	0°	277°	+22°	314°	+21°	1.2dB	193°K	374148	-305 Hz
2026-02-28 Saturday	19:30	282°	+17°	0 dB	0°	282°	+17°	321°	+21°	1.2dB	192°K	374196	-309 Hz
2026-02-28 Saturday	20:00	287°	+12°	0 dB	0°	287°	+12°	329°	+21°	1.2dB	191°K	374243	-309 Hz
2026-02-28 Saturday	20:30	292°	+8°	0 dB	0°	292°	+8°	336°	+21°	1.1dB	190°K	374291	-305 Hz
2026-02-28 Saturday	21:00	297°	+3°	0 dB	0°	297°	+3°	343°	+21°	1.1dB	189°K	374339	-296 Hz
2026-03-01 Sunday	07:00	064°	+1°	0 dB	0°	064°	+1°	128°	+19°	0.9dB	175°K	375365	+234 Hz
2026-03-01 Sunday	07:30	069°	+5°	0 dB	0°	069°	+5°	135°	+19°	0.9dB	175°K	375419	+244 Hz
2026-03-01 Sunday	08:00	074°	+10°	0 dB	0°	074°	+10°	142°	+19°	0.9dB	176°K	375474	+250 Hz
2026-03-01 Sunday	08:30	079°	+15°	0 dB	0°	079°	+15°	150°	+19°	0.9dB	176°K	375529	+251 Hz
2026-03-01 Sunday	09:00	084°	+20°	0 dB	0°	084°	+20°	157°	+19°	0.9dB	176°K	375584	+248 Hz
2026-03-01 Sunday	09:30	089°	+25°	0 dB	0°	089°	+25°	164°	+19°	1.0dB	177°K	375640	+241 Hz
2026-03-01 Sunday	10:00	095°	+30°	0 dB	0°	095°	+30°	171°	+18°	1.0dB	177°K	375696	+228 Hz
2026-03-01 Sunday	10:30	101°	+35°	0 dB	0°	101°	+35°	178°	+18°	1.0dB	177°K	375752	+212 Hz
2026-03-01 Sunday	11:00	107°	+39°	0 dB	0°	107°	+39°	186°	+18°	1.0dB	178°K	375808	+191 Hz
2026-03-01 Sunday	11:30	114°	+44°	0 dB	0°	114°	+44°	193°	+18°	1.0dB	178°K	375865	+166 Hz
2026-03-01 Sunday	12:00	122°	+49°	0 dB	0°	122°	+49°	200°	+18°	1.0dB	178°K	375922	+138 Hz
2026-03-01 Sunday	12:30	131°	+53°	0 dB	0°	131°	+53°	207°	+18°	1.0dB	179°K	375980	+107 Hz
2026-03-01 Sunday	13:00	141°	+56°	0 dB	0°	141°	+56°	215°	+18°	1.0dB	179°K	376037	+74 Hz
2026-03-01 Sunday	13:30	153°	+59°	0 dB	0°	153°	+59°	222°	+18°	1.0dB	179°K	376095	+38 Hz
2026-03-01 Sunday	14:00	166°	+60°	0 dB	0°	166°	+60°	229°	+18°	1.0dB	180°K	376154	+1 Hz
2026-03-01 Sunday	14:30	181°	+61°	0 dB	0°	181°	+61°	236°	+17°	1.0dB	180°K	376212	-37 Hz
2026-03-01 Sunday	15:00	195°	+60°	0 dB	0°	195°	+60°	244°	+17°	1.1dB	180°K	376271	-74 Hz
2026-03-01 Sunday	15:30	208°	+58°	0 dB	0°	208°	+58°	251°	+17°	1.1dB	181°K	376330	-111 Hz
2026-03-01 Sunday	16:00	220°	+55°	0 dB	0°	220°	+55°	258°	+17°	1.1dB	181°K	376390	-147 Hz
2026-03-01 Sunday	16:30	230°	+51°	0 dB	0°	230°	+51°	265°	+17°	1.1dB	181°K	376450	-181 Hz
2026-03-01 Sunday	17:00	238°	+47°	0 dB	0°	238°	+47°	273°	+17°	1.1dB	181°K	376510	-212 Hz
2026-03-01 Sunday	17:30	246°	+43°	0 dB	0°	246°	+43°	280°	+17°	1.1dB	182°K	376570	-241 Hz
2026-03-01 Sunday	18:00	252°	+38°	0 dB	0°	252°	+38°	287°	+17°	1.1dB	182°K	376631	-266 Hz
2026-03-01 Sunday	18:30	259°	+33°	0 dB	0°	259°	+33°	294°	+17°	1.1dB	182°K	376692	-287 Hz
2026-03-01 Sunday	19:00	264°	+28°	0 dB	0°	264°	+28°	302°	+16°	1.1dB	182°K	376753	-304 Hz
2026-03-01 Sunday	19:30	269°	+23°	0 dB	0°	269°	+23°	309°	+16°	1.1dB	183°K	376814	-316 Hz
2026-03-01 Sunday	20:00	274°	+18°	0 dB	0°	274°	+18°	316°	+16°	1.1dB	183°K	376876	-324 Hz
2026-03-01 Sunday	20:30	279°	+12°	0 dB	0°	279°	+12°	323°	+16°	1.1dB	183°K	376938	-327 Hz
2026-03-01 Sunday	21:00	284°	+7°	0 dB	0°	284°	+7°	331°	+16°	1.1dB	183°K	377000	-326 Hz
2026-03-01 Sunday	21:30	289°	+3°	0 dB	0°	289°	+3°	338°	+16°	1.1dB	183°K	377063	-320 Hz
2026-03-02 Monday	08:30	075°	+3°	0 dB	0°	075°	+3°	137°	+13°	1.3dB	187°K	378512	+246 Hz
2026-03-02 Monday	09:00	080°	+8°	0 dB	0°	080°	+8°	145°	+13°	1.3dB	187°K	378581	+251 Hz
2026-03-02 Monday	09:30	085°	+12°	0 dB	0°	085°	+12°	152°	+13°	1.3dB	187°K	378650	+251 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-02 Monday	10:00	090°	+17°	0 dB	0°	090°	+17°	159°	+13°	1.3dB	188°K	378720	+246 Hz
2026-03-02 Monday	10:30	096°	+22°	0 dB	0°	096°	+22°	166°	+13°	1.3dB	188°K	378790	+236 Hz
2026-03-02 Monday	11:00	101°	+27°	0 dB	0°	101°	+27°	174°	+13°	1.3dB	188°K	378860	+222 Hz
2026-03-02 Monday	11:30	108°	+32°	0 dB	0°	108°	+32°	181°	+13°	1.3dB	189°K	378930	+203 Hz
2026-03-02 Monday	12:00	114°	+37°	0 dB	0°	114°	+37°	188°	+12°	1.3dB	189°K	379000	+181 Hz
2026-03-02 Monday	12:30	121°	+41°	0 dB	0°	121°	+41°	195°	+12°	1.3dB	189°K	379071	+154 Hz
2026-03-02 Monday	13:00	130°	+45°	0 dB	0°	130°	+45°	203°	+12°	1.4dB	190°K	379142	+124 Hz
2026-03-02 Monday	13:30	139°	+49°	0 dB	0°	139°	+49°	210°	+12°	1.4dB	190°K	379214	+91 Hz
2026-03-02 Monday	14:00	149°	+52°	0 dB	0°	149°	+52°	217°	+12°	1.4dB	190°K	379285	+55 Hz
2026-03-02 Monday	14:30	160°	+54°	0 dB	0°	160°	+54°	225°	+12°	1.4dB	190°K	379357	+18 Hz
2026-03-02 Monday	15:00	173°	+55°	0 dB	0°	173°	+55°	232°	+12°	1.4dB	191°K	379429	-20 Hz
2026-03-02 Monday	15:30	185°	+55°	0 dB	0°	185°	+55°	239°	+12°	1.4dB	191°K	379502	-59 Hz
2026-03-02 Monday	16:00	197°	+54°	0 dB	0°	197°	+54°	246°	+11°	1.4dB	191°K	379574	-98 Hz
2026-03-02 Monday	16:30	209°	+51°	0 dB	0°	209°	+51°	254°	+11°	1.4dB	192°K	379647	-135 Hz
2026-03-02 Monday	17:00	219°	+49°	0 dB	0°	219°	+49°	261°	+11°	1.4dB	192°K	379720	-171 Hz
2026-03-02 Monday	17:30	228°	+45°	0 dB	0°	228°	+45°	268°	+11°	1.4dB	192°K	379793	-205 Hz
2026-03-02 Monday	18:00	236°	+41°	0 dB	0°	236°	+41°	275°	+11°	1.4dB	193°K	379867	-236 Hz
2026-03-02 Monday	18:30	243°	+36°	0 dB	0°	243°	+36°	283°	+11°	1.4dB	193°K	379941	-264 Hz
2026-03-02 Monday	19:00	250°	+32°	0 dB	0°	250°	+32°	290°	+11°	1.5dB	193°K	380015	-288 Hz
2026-03-02 Monday	19:30	256°	+27°	0 dB	0°	256°	+27°	297°	+11°	1.5dB	193°K	380089	-308 Hz
2026-03-02 Monday	20:00	261°	+22°	0 dB	0°	261°	+22°	304°	+10°	1.5dB	194°K	380164	-323 Hz
2026-03-02 Monday	20:30	267°	+16°	0 dB	0°	267°	+16°	312°	+10°	1.5dB	194°K	380238	-334 Hz
2026-03-02 Monday	21:00	272°	+11°	0 dB	0°	272°	+11°	319°	+10°	1.5dB	194°K	380313	-340 Hz
2026-03-02 Monday	21:30	277°	+6°	0 dB	0°	277°	+6°	326°	+10°	1.5dB	195°K	380389	-342 Hz
2026-03-02 Monday	22:00	282°	+1°	0 dB	0°	282°	+1°	333°	+10°	1.5dB	195°K	380464	-338 Hz
2026-03-03 Tuesday	09:30	081°	+0°	0 dB	0°	081°	+0°	141°	+7°	1.7dB	202°K	382260	+247 Hz
2026-03-03 Tuesday	10:00	087°	+5°	0 dB	0°	087°	+5°	148°	+7°	1.7dB	202°K	382341	+250 Hz
2026-03-03 Tuesday	10:30	092°	+10°	0 dB	0°	092°	+10°	155°	+7°	1.7dB	202°K	382422	+247 Hz
2026-03-03 Tuesday	11:00	097°	+15°	0 dB	0°	097°	+15°	162°	+7°	1.7dB	203°K	382503	+240 Hz
2026-03-03 Tuesday	11:30	103°	+20°	0 dB	0°	103°	+20°	170°	+6°	1.7dB	203°K	382584	+228 Hz
2026-03-03 Tuesday	12:00	109°	+25°	0 dB	0°	109°	+25°	177°	+6°	1.7dB	203°K	382665	+212 Hz
2026-03-03 Tuesday	12:30	115°	+29°	0 dB	0°	115°	+29°	184°	+6°	1.7dB	203°K	382746	+191 Hz
2026-03-03 Tuesday	13:00	122°	+34°	0 dB	0°	122°	+34°	192°	+6°	1.8dB	204°K	382828	+165 Hz
2026-03-03 Tuesday	13:30	130°	+38°	0 dB	0°	130°	+38°	199°	+6°	1.8dB	204°K	382910	+137 Hz
2026-03-03 Tuesday	14:00	138°	+41°	0 dB	0°	138°	+41°	206°	+6°	1.8dB	204°K	382992	+104 Hz
2026-03-03 Tuesday	14:30	147°	+44°	0 dB	0°	147°	+44°	213°	+6°	1.8dB	205°K	383074	+70 Hz
2026-03-03 Tuesday	15:00	157°	+47°	0 dB	0°	157°	+47°	221°	+6°	1.8dB	205°K	383157	+33 Hz
2026-03-03 Tuesday	15:30	168°	+48°	0 dB	0°	168°	+48°	228°	+5°	1.8dB	205°K	383239	-6 Hz
2026-03-03 Tuesday	16:00	179°	+48°	0 dB	0°	179°	+48°	235°	+5°	1.8dB	205°K	383322	-45 Hz
2026-03-03 Tuesday	16:30	190°	+48°	0 dB	0°	190°	+48°	242°	+5°	1.8dB	206°K	383405	-84 Hz
2026-03-03 Tuesday	17:00	200°	+46°	0 dB	0°	200°	+46°	250°	+5°	1.8dB	206°K	383488	-123 Hz
2026-03-03 Tuesday	17:30	210°	+44°	0 dB	0°	210°	+44°	257°	+5°	1.8dB	206°K	383571	-160 Hz
2026-03-03 Tuesday	18:00	219°	+41°	0 dB	0°	219°	+41°	264°	+5°	1.9dB	207°K	383654	-196 Hz
2026-03-03 Tuesday	18:30	228°	+38°	0 dB	0°	228°	+38°	272°	+5°	1.9dB	207°K	383738	-229 Hz
2026-03-03 Tuesday	19:00	235°	+33°	0 dB	0°	235°	+33°	279°	+4°	1.9dB	207°K	383822	-259 Hz
2026-03-03 Tuesday	19:30	242°	+29°	0 dB	0°	242°	+29°	286°	+4°	1.9dB	207°K	383905	-285 Hz
2026-03-03 Tuesday	20:00	248°	+24°	0 dB	0°	248°	+24°	293°	+4°	1.9dB	208°K	383989	-307 Hz
2026-03-03 Tuesday	20:30	254°	+19°	0 dB	0°	254°	+19°	301°	+4°	1.9dB	208°K	384073	-325 Hz
2026-03-03 Tuesday	21:00	260°	+14°	0 dB	0°	260°	+14°	308°	+4°	1.9dB	208°K	384158	-338 Hz
2026-03-03 Tuesday	21:30	265°	+9°	0 dB	0°	265°	+9°	315°	+4°	1.9dB	209°K	384242	-347 Hz
2026-03-03 Tuesday	22:00	270°	+4°	0 dB	0°	270°	+4°	323°	+4°	1.9dB	209°K	384327	-350 Hz
2026-03-04 Wednesday	11:00	094°	+3°	0 dB	0°	094°	+3°	152°	+0°	2.4dB	231°K	386568	+247 Hz
2026-03-04 Wednesday	11:30	099°	+8°	0 dB	0°	099°	+8°	159°	+0°	2.4dB	233°K	386656	+242 Hz
2026-03-04 Wednesday	12:00	105°	+13°	0 dB	0°	105°	+13°	166°	+0°	2.4dB	235°K	386744	+232 Hz
2026-03-04 Wednesday	12:30	111°	+18°	0 dB	0°	111°	+18°	174°	-0°	2.4dB	236°K	386831	+217 Hz
2026-03-04 Wednesday	13:00	117°	+22°	0 dB	0°	117°	+22°	181°	-0°	2.5dB	238°K	386919	+198 Hz
2026-03-04 Wednesday	13:30	123°	+27°	0 dB	0°	123°	+27°	188°	-0°	2.5dB	239°K	387007	+175 Hz
2026-03-04 Wednesday	14:00	130°	+31°	0 dB	0°	130°	+31°	195°	-0°	2.5dB	241°K	387095	+147 Hz
2026-03-04 Wednesday	14:30	138°	+34°	0 dB	0°	138°	+34°	203°	-1°	2.5dB	242°K	387183	+116 Hz
2026-03-04 Wednesday	15:00	146°	+37°	0 dB	0°	146°	+37°	210°	-1°	2.6dB	244°K	387271	+83 Hz
2026-03-04 Wednesday	15:30	155°	+39°	0 dB	0°	155°	+39°	217°	-1°	2.6dB	245°K	387359	+46 Hz
2026-03-04 Wednesday	16:00	165°	+41°	0 dB	0°	165°	+41°	225°	-1°	2.6dB	247°K	387447	+9 Hz
2026-03-04 Wednesday	16:30	174°	+42°	0 dB	0°	174°	+42°	232°	-1°	2.6dB	248°K	387535	-30 Hz
2026-03-04 Wednesday	17:00	184°	+42°	0 dB	0°	184°	+42°	239°	-1°	2.7dB	250°K	387624	-70 Hz
2026-03-04 Wednesday	17:30	194°	+41°	0 dB	0°	194°	+41°	246°	-1°	2.7dB	251°K	387712	-109 Hz
2026-03-04 Wednesday	18:00	203°	+39°	0 dB	0°	203°	+39°	254°	-1°	2.7dB	253°K	387800	-147 Hz

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Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-04 Wednesday	18:30	212°	+37°	0 dB	0°	212°	+37°	261°	-2°	2.7dB	254°K	387889	-183 Hz
2026-03-04 Wednesday	19:00	220°	+33°	0 dB	0°	220°	+33°	268°	-2°	2.8dB	256°K	387977	-217 Hz
2026-03-04 Wednesday	19:30	228°	+30°	0 dB	0°	228°	+30°	276°	-2°	2.8dB	257°K	388066	-248 Hz
2026-03-04 Wednesday	20:00	235°	+26°	0 dB	0°	235°	+26°	283°	-2°	2.8dB	259°K	388154	-276 Hz
2026-03-04 Wednesday	20:30	241°	+21°	0 dB	0°	241°	+21°	290°	-2°	2.8dB	260°K	388243	-300 Hz
2026-03-04 Wednesday	21:00	247°	+17°	0 dB	0°	247°	+17°	297°	-2°	2.9dB	262°K	388331	-320 Hz
2026-03-04 Wednesday	21:30	253°	+12°	0 dB	0°	253°	+12°	305°	-2°	2.9dB	264°K	388420	-335 Hz
2026-03-04 Wednesday	22:00	258°	+7°	0 dB	0°	258°	+7°	312°	-3°	2.9dB	265°K	388509	-345 Hz
2026-03-04 Wednesday	22:30	263°	+2°	0 dB	0°	263°	+2°	319°	-3°	3.0dB	267°K	388597	-351 Hz
2026-03-05 Thursday	12:00	101°	+1°	0 dB	0°	101°	+1°	156°	-6°	3.6dB	311°K	390990	+242 Hz
2026-03-05 Thursday	12:30	107°	+6°	0 dB	0°	107°	+6°	163°	-6°	3.6dB	313°K	391078	+234 Hz
2026-03-05 Thursday	13:00	112°	+11°	0 dB	0°	112°	+11°	170°	-6°	3.6dB	313°K	391166	+221 Hz
2026-03-05 Thursday	13:30	118°	+15°	0 dB	0°	118°	+15°	178°	-6°	3.6dB	313°K	391254	+204 Hz
2026-03-05 Thursday	14:00	124°	+20°	0 dB	0°	124°	+20°	185°	-7°	3.6dB	313°K	391342	+183 Hz
2026-03-05 Thursday	14:30	131°	+24°	0 dB	0°	131°	+24°	192°	-7°	3.7dB	313°K	391430	+157 Hz
2026-03-05 Thursday	15:00	138°	+27°	0 dB	0°	138°	+27°	200°	-7°	3.7dB	313°K	391518	+128 Hz
2026-03-05 Thursday	15:30	146°	+30°	0 dB	0°	146°	+30°	207°	-7°	3.7dB	313°K	391606	+96 Hz
2026-03-05 Thursday	16:00	154°	+33°	0 dB	0°	154°	+33°	214°	-7°	3.7dB	313°K	391693	+61 Hz
2026-03-05 Thursday	16:30	162°	+34°	0 dB	0°	162°	+34°	221°	-7°	3.7dB	313°K	391781	+24 Hz
2026-03-05 Thursday	17:00	171°	+35°	0 dB	0°	171°	+35°	229°	-7°	3.7dB	313°K	391868	-14 Hz
2026-03-05 Thursday	17:30	180°	+36°	0 dB	0°	180°	+36°	236°	-7°	3.7dB	313°K	391956	-53 Hz
2026-03-05 Thursday	18:00	189°	+35°	0 dB	0°	189°	+35°	243°	-8°	3.7dB	313°K	392043	-91 Hz
2026-03-05 Thursday	18:30	198°	+34°	0 dB	0°	198°	+34°	251°	-8°	3.7dB	313°K	392131	-129 Hz
2026-03-05 Thursday	19:00	206°	+32°	0 dB	0°	206°	+32°	258°	-8°	3.7dB	313°K	392218	-166 Hz
2026-03-05 Thursday	19:30	214°	+29°	0 dB	0°	214°	+29°	265°	-8°	3.7dB	313°K	392305	-200 Hz
2026-03-05 Thursday	20:00	221°	+26°	0 dB	0°	221°	+26°	272°	-8°	3.7dB	313°K	392392	-232 Hz
2026-03-05 Thursday	20:30	228°	+22°	0 dB	0°	228°	+22°	280°	-8°	3.7dB	313°K	392479	-261 Hz
2026-03-05 Thursday	21:00	234°	+18°	0 dB	0°	234°	+18°	287°	-8°	3.7dB	313°K	392566	-286 Hz
2026-03-05 Thursday	21:30	240°	+14°	0 dB	0°	240°	+14°	294°	-8°	3.7dB	313°K	392652	-307 Hz
2026-03-05 Thursday	22:00	246°	+9°	0 dB	0°	246°	+9°	302°	-9°	3.7dB	313°K	392739	-324 Hz
2026-03-05 Thursday	22:30	252°	+4°	0 dB	0°	252°	+4°	309°	-9°	3.7dB	313°K	392825	-336 Hz
2026-03-05 Thursday	23:00	257°	-0°	0 dB	0°	257°	-0°	316°	-9°	3.7dB	313°K	392912	-343 Hz
2026-03-06 Friday	13:00	108°	-0°	0 dB	0°	108°	-0°	160°	-12°	3.8dB	308°K	395271	+236 Hz
2026-03-06 Friday	13:30	114°	+5°	0 dB	0°	114°	+5°	167°	-12°	3.8dB	308°K	395353	+225 Hz
2026-03-06 Friday	14:00	119°	+9°	0 dB	0°	119°	+9°	175°	-12°	3.8dB	307°K	395434	+210 Hz
2026-03-06 Friday	14:30	125°	+13°	0 dB	0°	125°	+13°	182°	-12°	3.8dB	307°K	395516	+191 Hz
2026-03-06 Friday	15:00	132°	+17°	0 dB	0°	132°	+17°	189°	-12°	3.8dB	307°K	395597	+168 Hz
2026-03-06 Friday	15:30	138°	+20°	0 dB	0°	138°	+20°	197°	-13°	3.8dB	306°K	395678	+141 Hz
2026-03-06 Friday	16:00	145°	+24°	0 dB	0°	145°	+24°	204°	-13°	3.8dB	306°K	395758	+110 Hz
2026-03-06 Friday	16:30	153°	+26°	0 dB	0°	153°	+26°	211°	-13°	3.8dB	306°K	395839	+77 Hz
2026-03-06 Friday	17:00	160°	+28°	0 dB	0°	160°	+28°	218°	-13°	3.8dB	306°K	395919	+42 Hz
2026-03-06 Friday	17:30	168°	+29°	0 dB	0°	168°	+29°	226°	-13°	3.8dB	305°K	395999	+6 Hz
2026-03-06 Friday	18:00	176°	+30°	0 dB	0°	176°	+30°	233°	-13°	3.8dB	305°K	396079	-32 Hz
2026-03-06 Friday	18:30	185°	+30°	0 dB	0°	185°	+30°	240°	-13°	3.8dB	305°K	396159	-70 Hz
2026-03-06 Friday	19:00	193°	+29°	0 dB	0°	193°	+29°	247°	-13°	3.8dB	305°K	396238	-107 Hz
2026-03-06 Friday	19:30	201°	+27°	0 dB	0°	201°	+27°	255°	-13°	3.8dB	304°K	396317	-143 Hz
2026-03-06 Friday	20:00	208°	+25°	0 dB	0°	208°	+25°	262°	-14°	3.8dB	304°K	396396	-178 Hz
2026-03-06 Friday	20:30	215°	+22°	0 dB	0°	215°	+22°	269°	-14°	3.8dB	305°K	396475	-210 Hz
2026-03-06 Friday	21:00	222°	+19°	0 dB	0°	222°	+19°	277°	-14°	3.8dB	305°K	396553	-239 Hz
2026-03-06 Friday	21:30	228°	+15°	0 dB	0°	228°	+15°	284°	-14°	3.8dB	306°K	396631	-265 Hz
2026-03-06 Friday	22:00	234°	+11°	0 dB	0°	234°	+11°	291°	-14°	3.8dB	307°K	396709	-287 Hz
2026-03-06 Friday	22:30	240°	+7°	0 dB	0°	240°	+7°	298°	-14°	3.8dB	308°K	396787	-305 Hz
2026-03-06 Friday	23:00	246°	+2°	0 dB	0°	246°	+2°	306°	-14°	3.8dB	308°K	396864	-319 Hz
2026-03-07 Saturday	14:30	120°	+3°	0 dB	0°	120°	+3°	171°	-17°	4.2dB	333°K	399124	+218 Hz
2026-03-07 Saturday	15:00	126°	+7°	0 dB	0°	126°	+7°	179°	-18°	4.2dB	334°K	399192	+201 Hz
2026-03-07 Saturday	15:30	132°	+11°	0 dB	0°	132°	+11°	186°	-18°	4.2dB	335°K	399260	+180 Hz
2026-03-07 Saturday	16:00	138°	+14°	0 dB	0°	138°	+14°	193°	-18°	4.3dB	336°K	399327	+156 Hz
2026-03-07 Saturday	16:30	144°	+17°	0 dB	0°	144°	+17°	200°	-18°	4.3dB	337°K	399394	+128 Hz
2026-03-07 Saturday	17:00	151°	+20°	0 dB	0°	151°	+20°	208°	-18°	4.3dB	338°K	399461	+97 Hz
2026-03-07 Saturday	17:30	158°	+22°	0 dB	0°	158°	+22°	215°	-18°	4.3dB	340°K	399527	+64 Hz
2026-03-07 Saturday	18:00	166°	+24°	0 dB	0°	166°	+24°	222°	-18°	4.3dB	341°K	399593	+29 Hz
2026-03-07 Saturday	18:30	173°	+24°	0 dB	0°	173°	+24°	230°	-18°	4.3dB	342°K	399658	-7 Hz
2026-03-07 Saturday	19:00	181°	+25°	0 dB	0°	181°	+25°	237°	-18°	4.4dB	343°K	399723	-44 Hz
2026-03-07 Saturday	19:30	188°	+24°	0 dB	0°	188°	+24°	244°	-18°	4.4dB	344°K	399788	-80 Hz
2026-03-07 Saturday	20:00	196°	+23°	0 dB	0°	196°	+23°	251°	-19°	4.4dB	345°K	399853	-116 Hz
2026-03-07 Saturday	20:30	203°	+21°	0 dB	0°	203°	+21°	259°	-19°	4.4dB	346°K	399917	-150 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-07 Saturday	21:00	210°	+19°	0 dB	0°	210°	+19°	266°	-19°	4.4dB	348°K	399980	-182 Hz
2026-03-07 Saturday	21:30	217°	+16°	0 dB	0°	217°	+16°	273°	-19°	4.4dB	349°K	400044	-212 Hz
2026-03-07 Saturday	22:00	223°	+13°	0 dB	0°	223°	+13°	280°	-19°	4.4dB	350°K	400106	-238 Hz
2026-03-07 Saturday	22:30	229°	+9°	0 dB	0°	229°	+9°	288°	-19°	4.5dB	351°K	400169	-261 Hz
2026-03-07 Saturday	23:00	234°	+5°	0 dB	0°	234°	+5°	295°	-19°	4.5dB	352°K	400231	-281 Hz
2026-03-07 Saturday	23:30	240°	+1°	0 dB	0°	240°	+1°	302°	-19°	4.5dB	353°K	400293	-296 Hz
2026-03-08 Sunday	15:30	126°	+1°	0 dB	0°	126°	+1°	175°	-22°	4.9dB	387°K	402057	+214 Hz
2026-03-08 Sunday	16:00	131°	+5°	0 dB	0°	131°	+5°	182°	-22°	4.9dB	388°K	402105	+196 Hz
2026-03-08 Sunday	16:30	137°	+9°	0 dB	0°	137°	+9°	189°	-22°	4.9dB	389°K	402152	+174 Hz
2026-03-08 Sunday	17:00	143°	+12°	0 dB	0°	143°	+12°	197°	-22°	4.9dB	390°K	402200	+148 Hz
2026-03-08 Sunday	17:30	149°	+15°	0 dB	0°	149°	+15°	204°	-22°	5.0dB	391°K	402246	+120 Hz
2026-03-08 Sunday	18:00	156°	+17°	0 dB	0°	156°	+17°	211°	-22°	5.0dB	392°K	402292	+89 Hz
2026-03-08 Sunday	18:30	163°	+19°	0 dB	0°	163°	+19°	218°	-22°	5.0dB	393°K	402338	+56 Hz
2026-03-08 Sunday	19:00	170°	+20°	0 dB	0°	170°	+20°	226°	-22°	5.0dB	394°K	402383	+22 Hz
2026-03-08 Sunday	19:30	177°	+20°	0 dB	0°	177°	+20°	233°	-23°	5.0dB	395°K	402428	-13 Hz
2026-03-08 Sunday	20:00	184°	+20°	0 dB	0°	184°	+20°	240°	-23°	5.0dB	396°K	402473	-48 Hz
2026-03-08 Sunday	20:30	191°	+20°	0 dB	0°	191°	+20°	247°	-23°	5.0dB	397°K	402517	-83 Hz
2026-03-08 Sunday	21:00	198°	+18°	0 dB	0°	198°	+18°	255°	-23°	5.0dB	397°K	402560	-117 Hz
2026-03-08 Sunday	21:30	205°	+16°	0 dB	0°	205°	+16°	262°	-23°	5.0dB	398°K	402603	-149 Hz
2026-03-08 Sunday	22:00	211°	+14°	0 dB	0°	211°	+14°	269°	-23°	5.0dB	399°K	402645	-179 Hz
2026-03-08 Sunday	22:30	218°	+11°	0 dB	0°	218°	+11°	277°	-23°	5.1dB	400°K	402687	-206 Hz
2026-03-08 Sunday	23:00	224°	+7°	0 dB	0°	224°	+7°	284°	-23°	5.1dB	401°K	402729	-231 Hz
2026-03-08 Sunday	23:30	229°	+4°	0 dB	0°	229°	+4°	291°	-23°	5.1dB	402°K	402770	-251 Hz
2026-03-09 Monday	00:00	234°	-0°	0 dB	0°	234°	-0°	298°	-23°	5.1dB	403°K	402811	-268 Hz
2026-03-09 Monday	16:30	130°	+0°	0 dB	0°	130°	+0°	178°	-25°	5.6dB	454°K	403869	+214 Hz
2026-03-09 Monday	17:00	135°	+4°	0 dB	0°	135°	+4°	185°	-25°	5.6dB	456°K	403892	+195 Hz
2026-03-09 Monday	17:30	141°	+7°	0 dB	0°	141°	+7°	192°	-25°	5.6dB	458°K	403915	+172 Hz
2026-03-09 Monday	18:00	147°	+10°	0 dB	0°	147°	+10°	200°	-26°	5.7dB	461°K	403937	+147 Hz
2026-03-09 Monday	18:30	153°	+13°	0 dB	0°	153°	+13°	207°	-26°	5.7dB	463°K	403959	+118 Hz
2026-03-09 Monday	19:00	160°	+15°	0 dB	0°	160°	+15°	214°	-26°	5.7dB	465°K	403980	+88 Hz
2026-03-09 Monday	19:30	166°	+16°	0 dB	0°	166°	+16°	221°	-26°	5.7dB	467°K	404001	+55 Hz
2026-03-09 Monday	20:00	173°	+17°	0 dB	0°	173°	+17°	229°	-26°	5.7dB	469°K	404021	+22 Hz
2026-03-09 Monday	20:30	180°	+17°	0 dB	0°	180°	+17°	236°	-26°	5.7dB	471°K	404041	-12 Hz
2026-03-09 Monday	21:00	187°	+17°	0 dB	0°	187°	+17°	243°	-26°	5.8dB	474°K	404060	-46 Hz
2026-03-09 Monday	21:30	193°	+16°	0 dB	0°	193°	+16°	250°	-26°	5.8dB	476°K	404078	-80 Hz
2026-03-09 Monday	22:00	200°	+14°	0 dB	0°	200°	+14°	258°	-26°	5.8dB	478°K	404096	-112 Hz
2026-03-09 Monday	22:30	206°	+12°	0 dB	0°	206°	+12°	265°	-26°	5.8dB	483°K	404114	-143 Hz
2026-03-09 Monday	23:00	213°	+10°	0 dB	0°	213°	+10°	272°	-26°	5.9dB	487°K	404130	-171 Hz
2026-03-09 Monday	23:30	218°	+7°	0 dB	0°	218°	+7°	279°	-26°	5.9dB	492°K	404147	-196 Hz
2026-03-10 Tuesday	00:00	224°	+4°	0 dB	0°	224°	+4°	287°	-26°	6.0dB	497°K	404162	-218 Hz
2026-03-10 Tuesday	00:30	229°	-0°	0 dB	0°	229°	-0°	294°	-26°	6.0dB	501°K	404178	-237 Hz
2026-03-10 Tuesday	17:30	133°	-0°	0 dB	0°	133°	-0°	180°	-28°	7.4dB	717°K	404365	+219 Hz
2026-03-10 Tuesday	18:00	138°	+3°	0 dB	0°	138°	+3°	188°	-28°	7.5dB	726°K	404361	+199 Hz
2026-03-10 Tuesday	18:30	144°	+6°	0 dB	0°	144°	+6°	195°	-28°	7.5dB	736°K	404356	+176 Hz
2026-03-10 Tuesday	19:00	150°	+9°	0 dB	0°	150°	+9°	202°	-28°	7.6dB	746°K	404350	+150 Hz
2026-03-10 Tuesday	19:30	156°	+11°	0 dB	0°	156°	+11°	209°	-28°	7.6dB	755°K	404344	+122 Hz
2026-03-10 Tuesday	20:00	162°	+13°	0 dB	0°	162°	+13°	217°	-28°	7.7dB	765°K	404338	+91 Hz
2026-03-10 Tuesday	20:30	169°	+14°	0 dB	0°	169°	+14°	224°	-28°	7.7dB	775°K	404331	+59 Hz
2026-03-10 Tuesday	21:00	175°	+15°	0 dB	0°	175°	+15°	231°	-28°	7.8dB	784°K	404323	+26 Hz
2026-03-10 Tuesday	21:30	182°	+15°	0 dB	0°	182°	+15°	238°	-28°	7.8dB	794°K	404315	-7 Hz
2026-03-10 Tuesday	22:00	189°	+15°	0 dB	0°	189°	+15°	245°	-28°	7.9dB	803°K	404306	-40 Hz
2026-03-10 Tuesday	22:30	195°	+14°	0 dB	0°	195°	+14°	253°	-28°	7.9dB	813°K	404296	-73 Hz
2026-03-10 Tuesday	23:00	202°	+12°	0 dB	0°	202°	+12°	260°	-28°	8.0dB	823°K	404286	-104 Hz
2026-03-10 Tuesday	23:30	208°	+10°	0 dB	0°	208°	+10°	267°	-28°	8.0dB	832°K	404276	-133 Hz
2026-03-11 Wednesday	00:00	214°	+7°	0 dB	0°	214°	+7°	274°	-28°	8.0dB	842°K	404265	-160 Hz
2026-03-11 Wednesday	00:30	219°	+4°	0 dB	0°	219°	+4°	282°	-28°	8.1dB	852°K	404253	-184 Hz
2026-03-11 Wednesday	01:00	225°	+1°	0 dB	0°	225°	+1°	289°	-28°	8.1dB	861°K	404241	-205 Hz
2026-03-11 Wednesday	18:30	135°	+0°	0 dB	0°	135°	+0°	182°	-28°	11.8dB	2075°K	403453	+228 Hz
2026-03-11 Wednesday	19:00	140°	+3°	0 dB	0°	140°	+3°	190°	-28°	11.9dB	2139°K	403421	+208 Hz
2026-03-11 Wednesday	19:30	146°	+6°	0 dB	0°	146°	+6°	197°	-28°	12.0dB	2203°K	403388	+184 Hz
2026-03-11 Wednesday	20:00	152°	+9°	0 dB	0°	152°	+9°	204°	-28°	12.1dB	2266°K	403354	+158 Hz
2026-03-11 Wednesday	20:30	158°	+11°	0 dB	0°	158°	+11°	211°	-28°	12.2dB	2330°K	403319	+129 Hz
2026-03-11 Wednesday	21:00	164°	+13°	0 dB	0°	164°	+13°	219°	-28°	12.4dB	2394°K	403285	+98 Hz
2026-03-11 Wednesday	21:30	171°	+14°	0 dB	0°	171°	+14°	226°	-28°	12.5dB	2457°K	403249	+66 Hz
2026-03-11 Wednesday	22:00	177°	+14°	0 dB	0°	177°	+14°	233°	-28°	12.6dB	2521°K	403213	+33 Hz
2026-03-11 Wednesday	22:30	184°	+14°	0 dB	0°	184°	+14°	240°	-28°	12.7dB	2585°K	403177	0 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-11 Wednesday	23:00	190°	+14°	0 dB	0°	190°	+14°	248°	-28°	12.8dB	2649°K	403140	-33 Hz
2026-03-11 Wednesday	23:30	197°	+13°	0 dB	0°	197°	+13°	255°	-28°	12.9dB	2712°K	403102	-65 Hz
2026-03-12 Thursday	00:00	203°	+11°	0 dB	0°	203°	+11°	262°	-28°	13.0dB	2776°K	403064	-95 Hz
2026-03-12 Thursday	00:30	209°	+9°	0 dB	0°	209°	+9°	269°	-28°	13.1dB	2840°K	403025	-123 Hz
2026-03-12 Thursday	01:00	215°	+6°	0 dB	0°	215°	+6°	276°	-28°	13.2dB	2904°K	402986	-149 Hz
2026-03-12 Thursday	01:30	221°	+3°	0 dB	0°	221°	+3°	284°	-28°	13.2dB	2967°K	402946	-173 Hz
2026-03-12 Thursday	19:30	136°	+2°	0 dB	0°	136°	+2°	184°	-28°	11.3dB	1899°K	401159	+240 Hz
2026-03-12 Thursday	20:00	141°	+5°	0 dB	0°	141°	+5°	192°	-28°	11.2dB	1853°K	401099	+219 Hz
2026-03-12 Thursday	20:30	147°	+8°	0 dB	0°	147°	+8°	199°	-28°	11.1dB	1807°K	401040	+194 Hz
2026-03-12 Thursday	21:00	153°	+10°	0 dB	0°	153°	+10°	206°	-28°	11.0dB	1761°K	400980	+167 Hz
2026-03-12 Thursday	21:30	159°	+12°	0 dB	0°	159°	+12°	213°	-28°	10.8dB	1716°K	400919	+137 Hz
2026-03-12 Thursday	22:00	166°	+14°	0 dB	0°	166°	+14°	220°	-28°	10.7dB	1670°K	400858	+106 Hz
2026-03-12 Thursday	22:30	172°	+15°	0 dB	0°	172°	+15°	228°	-28°	10.6dB	1624°K	400796	+73 Hz
2026-03-12 Thursday	23:00	179°	+15°	0 dB	0°	179°	+15°	235°	-28°	10.5dB	1578°K	400734	+40 Hz
2026-03-12 Thursday	23:30	186°	+15°	0 dB	0°	186°	+15°	242°	-28°	10.4dB	1533°K	400671	+7 Hz
2026-03-13 Friday	00:00	192°	+14°	0 dB	0°	192°	+14°	249°	-28°	10.2dB	1487°K	400608	-26 Hz
2026-03-13 Friday	00:30	199°	+13°	0 dB	0°	199°	+13°	257°	-28°	10.1dB	1441°K	400544	-58 Hz
2026-03-13 Friday	01:00	205°	+11°	0 dB	0°	205°	+11°	264°	-28°	10.0dB	1396°K	400480	-89 Hz
2026-03-13 Friday	01:30	211°	+9°	0 dB	0°	211°	+9°	271°	-27°	9.8dB	1350°K	400416	-117 Hz
2026-03-13 Friday	02:00	217°	+6°	0 dB	0°	217°	+6°	278°	-27°	9.7dB	1304°K	400351	-142 Hz
2026-03-13 Friday	02:30	223°	+3°	0 dB	0°	223°	+3°	286°	-27°	9.5dB	1259°K	400285	-165 Hz
2026-03-13 Friday	20:00	131°	+1°	0 dB	0°	131°	+1°	179°	-26°	5.9dB	527°K	397708	+271 Hz
2026-03-13 Friday	20:30	136°	+4°	0 dB	0°	136°	+4°	186°	-26°	5.8dB	518°K	397627	+252 Hz
2026-03-13 Friday	21:00	142°	+8°	0 dB	0°	142°	+8°	194°	-26°	5.8dB	513°K	397545	+229 Hz
2026-03-13 Friday	21:30	148°	+10°	0 dB	0°	148°	+10°	201°	-26°	5.7dB	507°K	397463	+203 Hz
2026-03-13 Friday	22:00	154°	+13°	0 dB	0°	154°	+13°	208°	-26°	5.7dB	501°K	397381	+175 Hz
2026-03-13 Friday	22:30	161°	+15°	0 dB	0°	161°	+15°	215°	-26°	5.6dB	496°K	397298	+144 Hz
2026-03-13 Friday	23:00	167°	+16°	0 dB	0°	167°	+16°	223°	-26°	5.6dB	490°K	397215	+111 Hz
2026-03-13 Friday	23:30	174°	+17°	0 dB	0°	174°	+17°	230°	-25°	5.6dB	485°K	397131	+78 Hz
2026-03-14 Saturday	00:00	181°	+18°	0 dB	0°	181°	+18°	237°	-25°	5.5dB	479°K	397047	+43 Hz
2026-03-14 Saturday	00:30	188°	+17°	0 dB	0°	188°	+17°	244°	-25°	5.4dB	473°K	396963	+9 Hz
2026-03-14 Saturday	01:00	195°	+16°	0 dB	0°	195°	+16°	252°	-25°	5.4dB	468°K	396878	-24 Hz
2026-03-14 Saturday	01:30	201°	+15°	0 dB	0°	201°	+15°	259°	-25°	5.3dB	462°K	396793	-57 Hz
2026-03-14 Saturday	02:00	208°	+13°	0 dB	0°	208°	+13°	266°	-25°	5.3dB	457°K	396708	-87 Hz
2026-03-14 Saturday	02:30	214°	+10°	0 dB	0°	214°	+10°	273°	-25°	5.2dB	451°K	396622	-116 Hz
2026-03-14 Saturday	03:00	220°	+7°	0 dB	0°	220°	+7°	281°	-25°	5.2dB	445°K	396536	-141 Hz
2026-03-14 Saturday	03:30	226°	+4°	0 dB	0°	226°	+4°	288°	-25°	5.1dB	440°K	396449	-163 Hz
2026-03-14 Saturday	04:00	231°	+0°	0 dB	0°	231°	+0°	295°	-25°	5.1dB	434°K	396363	-182 Hz
2026-03-14 Saturday	20:30	125°	+0°	0 dB	0°	125°	+0°	174°	-23°	4.0dB	336°K	393315	+299 Hz
2026-03-14 Saturday	21:00	131°	+4°	0 dB	0°	131°	+4°	181°	-23°	4.0dB	334°K	393218	+281 Hz
2026-03-14 Saturday	21:30	136°	+8°	0 dB	0°	136°	+8°	189°	-22°	4.0dB	333°K	393120	+260 Hz
2026-03-14 Saturday	22:00	142°	+12°	0 dB	0°	142°	+12°	196°	-22°	3.9dB	331°K	393022	+236 Hz
2026-03-14 Saturday	22:30	149°	+14°	0 dB	0°	149°	+14°	203°	-22°	3.9dB	329°K	392924	+208 Hz
2026-03-14 Saturday	23:00	155°	+17°	0 dB	0°	155°	+17°	210°	-22°	3.9dB	328°K	392826	+178 Hz
2026-03-14 Saturday	23:30	162°	+19°	0 dB	0°	162°	+19°	218°	-22°	3.9dB	326°K	392728	+146 Hz
2026-03-15 Sunday	00:00	169°	+20°	0 dB	0°	169°	+20°	225°	-22°	3.9dB	326°K	392629	+112 Hz
2026-03-15 Sunday	00:30	176°	+21°	0 dB	0°	176°	+21°	232°	-22°	3.9dB	326°K	392530	+76 Hz
2026-03-15 Sunday	01:00	183°	+21°	0 dB	0°	183°	+21°	239°	-22°	3.8dB	326°K	392431	+41 Hz
2026-03-15 Sunday	01:30	191°	+20°	0 dB	0°	191°	+20°	247°	-22°	3.8dB	326°K	392332	+6 Hz
2026-03-15 Sunday	02:00	198°	+19°	0 dB	0°	198°	+19°	254°	-22°	3.8dB	326°K	392232	-29 Hz
2026-03-15 Sunday	02:30	205°	+18°	0 dB	0°	205°	+18°	261°	-22°	3.8dB	326°K	392132	-62 Hz
2026-03-15 Sunday	03:00	211°	+15°	0 dB	0°	211°	+15°	268°	-22°	3.8dB	326°K	392032	-93 Hz
2026-03-15 Sunday	03:30	218°	+13°	0 dB	0°	218°	+13°	276°	-21°	3.8dB	326°K	391932	-121 Hz
2026-03-15 Sunday	04:00	224°	+9°	0 dB	0°	224°	+9°	283°	-21°	3.8dB	326°K	391831	-147 Hz
2026-03-15 Sunday	04:30	230°	+6°	0 dB	0°	230°	+6°	290°	-21°	3.8dB	326°K	391731	-169 Hz
2026-03-15 Sunday	05:00	235°	+2°	0 dB	0°	235°	+2°	297°	-21°	3.8dB	326°K	391630	-187 Hz
2026-03-15 Sunday	21:00	119°	+1°	0 dB	0°	119°	+1°	170°	-18°	3.7dB	326°K	388317	+321 Hz
2026-03-15 Sunday	21:30	125°	+6°	0 dB	0°	125°	+6°	177°	-18°	3.7dB	326°K	388211	+306 Hz
2026-03-15 Sunday	22:00	130°	+10°	0 dB	0°	130°	+10°	184°	-18°	3.7dB	326°K	388106	+287 Hz
2026-03-15 Sunday	22:30	136°	+13°	0 dB	0°	136°	+13°	191°	-18°	3.6dB	326°K	388000	+264 Hz
2026-03-15 Sunday	23:00	143°	+17°	0 dB	0°	143°	+17°	199°	-18°	3.6dB	326°K	387894	+237 Hz
2026-03-15 Sunday	23:30	149°	+20°	0 dB	0°	149°	+20°	206°	-18°	3.6dB	326°K	387788	+207 Hz
2026-03-16 Monday	00:00	156°	+22°	0 dB	0°	156°	+22°	213°	-18°	3.6dB	326°K	387682	+175 Hz
2026-03-16 Monday	00:30	164°	+24°	0 dB	0°	164°	+24°	220°	-17°	3.6dB	326°K	387576	+140 Hz
2026-03-16 Monday	01:00	171°	+25°	0 dB	0°	171°	+25°	228°	-17°	3.6dB	326°K	387470	+104 Hz
2026-03-16 Monday	01:30	179°	+26°	0 dB	0°	179°	+26°	235°	-17°	3.6dB	326°K	387364	+68 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-16 Monday	02:00	187°	+26°	0 dB	0°	187°	+26°	242°	-17°	3.6dB	326°K	387258	+31 Hz
2026-03-16 Monday	02:30	194°	+25°	0 dB	0°	194°	+25°	250°	-17°	3.6dB	326°K	387152	-6 Hz
2026-03-16 Monday	03:00	202°	+23°	0 dB	0°	202°	+23°	257°	-17°	3.6dB	326°K	387046	-41 Hz
2026-03-16 Monday	03:30	209°	+21°	0 dB	0°	209°	+21°	264°	-17°	3.6dB	326°K	386939	-74 Hz
2026-03-16 Monday	04:00	216°	+19°	0 dB	0°	216°	+19°	271°	-17°	3.6dB	326°K	386833	-106 Hz
2026-03-16 Monday	04:30	223°	+16°	0 dB	0°	223°	+16°	279°	-17°	3.6dB	325°K	386727	-134 Hz
2026-03-16 Monday	05:00	229°	+12°	0 dB	0°	229°	+12°	286°	-16°	3.6dB	324°K	386620	-159 Hz
2026-03-16 Monday	05:30	235°	+8°	0 dB	0°	235°	+8°	293°	-16°	3.5dB	323°K	386514	-180 Hz
2026-03-16 Monday	06:00	240°	+4°	0 dB	0°	240°	+4°	300°	-16°	3.5dB	322°K	386407	-198 Hz
2026-03-16 Monday	06:30	246°	-0°	0 dB	0°	246°	-0°	308°	-16°	3.5dB	321°K	386301	-211 Hz
2026-03-16 Monday	21:30	113°	+3°	0 dB	0°	113°	+3°	166°	-13°	2.9dB	285°K	383116	+337 Hz
2026-03-16 Monday	22:00	118°	+8°	0 dB	0°	118°	+8°	173°	-13°	2.9dB	283°K	383011	+324 Hz
2026-03-16 Monday	22:30	124°	+12°	0 dB	0°	124°	+12°	180°	-12°	2.9dB	281°K	382906	+306 Hz
2026-03-16 Monday	23:00	130°	+16°	0 dB	0°	130°	+16°	187°	-12°	2.9dB	280°K	382801	+284 Hz
2026-03-16 Monday	23:30	136°	+20°	0 dB	0°	136°	+20°	195°	-12°	2.8dB	278°K	382696	+259 Hz
2026-03-17 Tuesday	00:00	143°	+23°	0 dB	0°	143°	+23°	202°	-12°	2.8dB	276°K	382591	+230 Hz
2026-03-17 Tuesday	00:30	150°	+26°	0 dB	0°	150°	+26°	209°	-12°	2.8dB	274°K	382486	+197 Hz
2026-03-17 Tuesday	01:00	158°	+29°	0 dB	0°	158°	+29°	216°	-12°	2.8dB	273°K	382382	+163 Hz
2026-03-17 Tuesday	01:30	166°	+30°	0 dB	0°	166°	+30°	224°	-12°	2.7dB	271°K	382277	+127 Hz
2026-03-17 Tuesday	02:00	174°	+31°	0 dB	0°	174°	+31°	231°	-12°	2.7dB	269°K	382173	+89 Hz
2026-03-17 Tuesday	02:30	182°	+32°	0 dB	0°	182°	+32°	238°	-11°	2.7dB	267°K	382069	+51 Hz
2026-03-17 Tuesday	03:00	191°	+31°	0 dB	0°	191°	+31°	245°	-11°	2.6dB	266°K	381965	+13 Hz
2026-03-17 Tuesday	03:30	199°	+30°	0 dB	0°	199°	+30°	253°	-11°	2.6dB	264°K	381861	-24 Hz
2026-03-17 Tuesday	04:00	207°	+28°	0 dB	0°	207°	+28°	260°	-11°	2.6dB	262°K	381757	-60 Hz
2026-03-17 Tuesday	04:30	215°	+26°	0 dB	0°	215°	+26°	267°	-11°	2.5dB	260°K	381653	-94 Hz
2026-03-17 Tuesday	05:00	222°	+22°	0 dB	0°	222°	+22°	274°	-11°	2.5dB	258°K	381549	-125 Hz
2026-03-17 Tuesday	05:30	228°	+19°	0 dB	0°	228°	+19°	282°	-11°	2.5dB	257°K	381446	-153 Hz
2026-03-17 Tuesday	06:00	235°	+15°	0 dB	0°	235°	+15°	289°	-11°	2.5dB	255°K	381343	-177 Hz
2026-03-17 Tuesday	06:30	241°	+11°	0 dB	0°	241°	+11°	296°	-10°	2.4dB	253°K	381240	-197 Hz
2026-03-17 Tuesday	07:00	246°	+7°	0 dB	0°	246°	+7°	304°	-10°	2.4dB	251°K	381137	-213 Hz
2026-03-17 Tuesday	07:30	252°	+2°	0 dB	0°	252°	+2°	311°	-10°	2.4dB	250°K	381034	-224 Hz
2026-03-17 Tuesday	21:30	101°	-0°	0 dB	0°	101°	-0°	154°	-7°	2.2dB	243°K	378235	+351 Hz
2026-03-17 Tuesday	22:00	106°	+5°	0 dB	0°	106°	+5°	162°	-6°	2.2dB	243°K	378138	+345 Hz
2026-03-17 Tuesday	22:30	111°	+10°	0 dB	0°	111°	+10°	169°	-6°	2.1dB	243°K	378042	+334 Hz
2026-03-17 Tuesday	23:00	117°	+15°	0 dB	0°	117°	+15°	176°	-6°	2.1dB	243°K	377946	+318 Hz
2026-03-17 Tuesday	23:30	123°	+19°	0 dB	0°	123°	+19°	183°	-6°	2.1dB	243°K	377850	+298 Hz
2026-03-18 Wednesday	00:00	129°	+23°	0 dB	0°	129°	+23°	191°	-6°	2.1dB	243°K	377754	+273 Hz
2026-03-18 Wednesday	00:30	136°	+27°	0 dB	0°	136°	+27°	198°	-6°	2.1dB	243°K	377659	+245 Hz
2026-03-18 Wednesday	01:00	143°	+30°	0 dB	0°	143°	+30°	205°	-6°	2.1dB	243°K	377564	+214 Hz
2026-03-18 Wednesday	01:30	151°	+33°	0 dB	0°	151°	+33°	212°	-6°	2.1dB	243°K	377469	+179 Hz
2026-03-18 Wednesday	02:00	160°	+36°	0 dB	0°	160°	+36°	220°	-5°	2.1dB	243°K	377375	+143 Hz
2026-03-18 Wednesday	02:30	169°	+37°	0 dB	0°	169°	+37°	227°	-5°	2.1dB	242°K	377281	+105 Hz
2026-03-18 Wednesday	03:00	178°	+38°	0 dB	0°	178°	+38°	234°	-5°	2.1dB	242°K	377187	+66 Hz
2026-03-18 Wednesday	03:30	187°	+38°	0 dB	0°	187°	+38°	242°	-5°	2.1dB	242°K	377093	+27 Hz
2026-03-18 Wednesday	04:00	196°	+37°	0 dB	0°	196°	+37°	249°	-5°	2.1dB	242°K	377000	-12 Hz
2026-03-18 Wednesday	04:30	205°	+35°	0 dB	0°	205°	+35°	256°	-5°	2.1dB	242°K	376907	-49 Hz
2026-03-18 Wednesday	05:00	213°	+33°	0 dB	0°	213°	+33°	263°	-5°	2.1dB	242°K	376814	-85 Hz
2026-03-18 Wednesday	05:30	221°	+30°	0 dB	0°	221°	+30°	271°	-4°	2.1dB	242°K	376722	-118 Hz
2026-03-18 Wednesday	06:00	228°	+27°	0 dB	0°	228°	+27°	278°	-4°	2.1dB	241°K	376630	-148 Hz
2026-03-18 Wednesday	06:30	235°	+23°	0 dB	0°	235°	+23°	285°	-4°	2.0dB	241°K	376538	-175 Hz
2026-03-18 Wednesday	07:00	242°	+18°	0 dB	0°	242°	+18°	292°	-4°	2.0dB	241°K	376446	-197 Hz
2026-03-18 Wednesday	07:30	248°	+14°	0 dB	0°	248°	+14°	300°	-4°	2.0dB	241°K	376355	-216 Hz
2026-03-18 Wednesday	08:00	253°	+9°	0 dB	0°	253°	+9°	307°	-4°	2.0dB	241°K	376264	-230 Hz
2026-03-18 Wednesday	08:30	259°	+5°	0 dB	0°	259°	+5°	314°	-4°	2.0dB	241°K	376174	-239 Hz
2026-03-18 Wednesday	09:00	264°	-0°	0 dB	0°	264°	-0°	321°	-4°	2.0dB	240°K	376083	-244 Hz
2026-03-18 Wednesday	22:00	093°	+2°	0 dB	0°	093°	+2°	150°	+0°	1.9dB	SUN!	373860	+348 Hz
2026-03-18 Wednesday	22:30	098°	+7°	0 dB	0°	098°	+7°	158°	+0°	1.9dB	SUN!	373780	+344 Hz
2026-03-18 Wednesday	23:00	104°	+12°	0 dB	0°	104°	+12°	165°	+0°	1.9dB	SUN!	373700	+335 Hz
2026-03-18 Wednesday	23:30	109°	+17°	0 dB	0°	109°	+17°	172°	+0°	1.9dB	SUN!	373620	+321 Hz
2026-03-19 Thursday	00:00	115°	+22°	0 dB	0°	115°	+22°	179°	+1°	1.9dB	SUN!	373541	+303 Hz
2026-03-19 Thursday	00:30	121°	+27°	0 dB	0°	121°	+27°	187°	+1°	1.9dB	SUN!	373462	+280 Hz
2026-03-19 Thursday	01:00	128°	+31°	0 dB	0°	128°	+31°	194°	+1°	1.9dB	SUN!	373383	+254 Hz
2026-03-19 Thursday	01:30	135°	+35°	0 dB	0°	135°	+35°	201°	+1°	1.9dB	SUN!	373305	+223 Hz
2026-03-19 Thursday	02:00	143°	+38°	0 dB	0°	143°	+38°	208°	+1°	1.9dB	SUN!	373227	+190 Hz
2026-03-19 Thursday	02:30	152°	+41°	0 dB	0°	152°	+41°	216°	+1°	1.9dB	SUN!	373150	+154 Hz
2026-03-19 Thursday	03:00	162°	+43°	0 dB	0°	162°	+43°	223°	+1°	1.9dB	SUN!	373073	+117 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-19 Thursday	03:30	172°	+44°	0 dB	0°	172°	+44°	230°	+2°	1.9dB	SUN!	372997	+78 Hz
2026-03-19 Thursday	04:00	182°	+45°	0 dB	0°	182°	+45°	238°	+2°	1.9dB	SUN!	372921	+39 Hz
2026-03-19 Thursday	04:30	192°	+44°	0 dB	0°	192°	+44°	245°	+2°	1.8dB	SUN!	372845	-1 Hz
2026-03-19 Thursday	05:00	202°	+43°	0 dB	0°	202°	+43°	252°	+2°	1.8dB	SUN!	372770	-39 Hz
2026-03-19 Thursday	05:30	212°	+41°	0 dB	0°	212°	+41°	259°	+2°	1.8dB	SUN!	372695	-76 Hz
2026-03-19 Thursday	06:00	221°	+38°	0 dB	0°	221°	+38°	267°	+2°	1.9dB	SUN!	372621	-111 Hz
2026-03-19 Thursday	06:30	229°	+34°	0 dB	0°	229°	+34°	274°	+2°	1.9dB	SUN!	372547	-143 Hz
2026-03-19 Thursday	07:00	236°	+31°	0 dB	0°	236°	+31°	281°	+3°	1.9dB	SUN!	372473	-172 Hz
2026-03-19 Thursday	07:30	243°	+26°	0 dB	0°	243°	+26°	288°	+3°	1.9dB	SUN!	372400	-197 Hz
2026-03-19 Thursday	08:00	249°	+22°	0 dB	0°	249°	+22°	296°	+3°	1.9dB	SUN!	372328	-218 Hz
2026-03-19 Thursday	08:30	255°	+17°	0 dB	0°	255°	+17°	303°	+3°	1.9dB	SUN!	372255	-234 Hz
2026-03-19 Thursday	09:00	261°	+12°	0 dB	0°	261°	+12°	310°	+3°	1.9dB	SUN!	372184	-246 Hz
2026-03-19 Thursday	09:30	266°	+7°	0 dB	0°	266°	+7°	317°	+3°	1.9dB	SUN!	372112	-253 Hz
2026-03-19 Thursday	10:00	271°	+2°	0 dB	0°	271°	+2°	325°	+3°	1.9dB	SUN!	372041	-255 Hz
2026-03-19 Thursday	22:30	085°	+4°	0 dB	0°	085°	+4°	146°	+7°	2.1dB	264°K	370416	+335 Hz
2026-03-19 Thursday	23:00	090°	+9°	0 dB	0°	090°	+9°	153°	+7°	2.1dB	264°K	370357	+334 Hz
2026-03-19 Thursday	23:30	096°	+14°	0 dB	0°	096°	+14°	161°	+7°	2.1dB	265°K	370298	+327 Hz
2026-03-20 Friday	00:00	101°	+19°	0 dB	0°	101°	+19°	168°	+7°	2.1dB	265°K	370240	+316 Hz
2026-03-20 Friday	00:30	107°	+24°	0 dB	0°	107°	+24°	175°	+7°	2.1dB	266°K	370183	+300 Hz
2026-03-20 Friday	01:00	113°	+29°	0 dB	0°	113°	+29°	182°	+8°	2.1dB	267°K	370126	+280 Hz
2026-03-20 Friday	01:30	119°	+34°	0 dB	0°	119°	+34°	190°	+8°	2.1dB	267°K	370069	+256 Hz
2026-03-20 Friday	02:00	126°	+38°	0 dB	0°	126°	+38°	197°	+8°	2.1dB	268°K	370013	+228 Hz
2026-03-20 Friday	02:30	134°	+42°	0 dB	0°	134°	+42°	204°	+8°	2.1dB	269°K	369958	+196 Hz
2026-03-20 Friday	03:00	143°	+46°	0 dB	0°	143°	+46°	211°	+8°	2.1dB	269°K	369902	+162 Hz
2026-03-20 Friday	03:30	153°	+49°	0 dB	0°	153°	+49°	219°	+8°	2.1dB	270°K	369848	+126 Hz
2026-03-20 Friday	04:00	164°	+51°	0 dB	0°	164°	+51°	226°	+8°	2.1dB	270°K	369794	+88 Hz
2026-03-20 Friday	04:30	175°	+52°	0 dB	0°	175°	+52°	233°	+8°	2.1dB	271°K	369740	+49 Hz
2026-03-20 Friday	05:00	187°	+52°	0 dB	0°	187°	+52°	240°	+9°	2.2dB	272°K	369687	+10 Hz
2026-03-20 Friday	05:30	199°	+51°	0 dB	0°	199°	+51°	248°	+9°	2.2dB	272°K	369634	-29 Hz
2026-03-20 Friday	06:00	209°	+49°	0 dB	0°	209°	+49°	255°	+9°	2.2dB	273°K	369582	-66 Hz
2026-03-20 Friday	06:30	219°	+46°	0 dB	0°	219°	+46°	262°	+9°	2.2dB	274°K	369530	-102 Hz
2026-03-20 Friday	07:00	228°	+43°	0 dB	0°	228°	+43°	269°	+9°	2.2dB	274°K	369479	-136 Hz
2026-03-20 Friday	07:30	236°	+39°	0 dB	0°	236°	+39°	277°	+9°	2.2dB	275°K	369428	-166 Hz
2026-03-20 Friday	08:00	244°	+34°	0 dB	0°	244°	+34°	284°	+9°	2.2dB	275°K	369378	-193 Hz
2026-03-20 Friday	08:30	250°	+30°	0 dB	0°	250°	+30°	291°	+10°	2.2dB	276°K	369328	-216 Hz
2026-03-20 Friday	09:00	256°	+25°	0 dB	0°	256°	+25°	298°	+10°	2.2dB	277°K	369279	-235 Hz
2026-03-20 Friday	09:30	262°	+20°	0 dB	0°	262°	+20°	306°	+10°	2.2dB	277°K	369230	-249 Hz
2026-03-20 Friday	10:00	268°	+15°	0 dB	0°	268°	+15°	313°	+10°	2.2dB	278°K	369182	-259 Hz
2026-03-20 Friday	10:30	273°	+10°	0 dB	0°	273°	+10°	320°	+10°	2.2dB	279°K	369134	-264 Hz
2026-03-20 Friday	11:00	278°	+5°	0 dB	0°	278°	+5°	327°	+10°	2.2dB	279°K	369087	-264 Hz
2026-03-20 Friday	11:30	283°	+1°	0 dB	0°	283°	+1°	335°	+10°	2.2dB	280°K	369040	-260 Hz
2026-03-20 Friday	22:30	072°	+0°	0 dB	0°	072°	+0°	134°	+13°	2.4dB	294°K	368137	+309 Hz
2026-03-20 Friday	23:00	077°	+5°	0 dB	0°	077°	+5°	141°	+13°	2.4dB	294°K	368102	+315 Hz
2026-03-20 Friday	23:30	082°	+10°	0 dB	0°	082°	+10°	149°	+14°	2.4dB	295°K	368067	+316 Hz
2026-03-21 Saturday	00:00	087°	+16°	0 dB	0°	087°	+16°	156°	+14°	2.4dB	296°K	368032	+313 Hz
2026-03-21 Saturday	00:30	093°	+21°	0 dB	0°	093°	+21°	163°	+14°	2.4dB	296°K	367999	+305 Hz
2026-03-21 Saturday	01:00	098°	+26°	0 dB	0°	098°	+26°	170°	+14°	2.4dB	296°K	367965	+292 Hz
2026-03-21 Saturday	01:30	103°	+31°	0 dB	0°	103°	+31°	178°	+14°	2.4dB	297°K	367933	+275 Hz
2026-03-21 Saturday	02:00	110°	+36°	0 dB	0°	110°	+36°	185°	+14°	2.4dB	297°K	367900	+254 Hz
2026-03-21 Saturday	02:30	116°	+41°	0 dB	0°	116°	+41°	192°	+14°	2.4dB	297°K	367868	+229 Hz
2026-03-21 Saturday	03:00	124°	+45°	0 dB	0°	124°	+45°	199°	+14°	2.4dB	297°K	367837	+200 Hz
2026-03-21 Saturday	03:30	132°	+49°	0 dB	0°	132°	+49°	207°	+15°	2.4dB	298°K	367806	+168 Hz
2026-03-21 Saturday	04:00	142°	+53°	0 dB	0°	142°	+53°	214°	+15°	2.4dB	298°K	367776	+134 Hz
2026-03-21 Saturday	04:30	153°	+56°	0 dB	0°	153°	+56°	221°	+15°	2.4dB	298°K	367746	+98 Hz
2026-03-21 Saturday	05:00	166°	+57°	0 dB	0°	166°	+57°	228°	+15°	2.4dB	299°K	367717	+60 Hz
2026-03-21 Saturday	05:30	179°	+58°	0 dB	0°	179°	+58°	235°	+15°	2.4dB	299°K	367688	+22 Hz
2026-03-21 Saturday	06:00	192°	+58°	0 dB	0°	192°	+58°	243°	+15°	2.4dB	299°K	367660	-16 Hz
2026-03-21 Saturday	06:30	205°	+56°	0 dB	0°	205°	+56°	250°	+15°	2.4dB	300°K	367632	-53 Hz
2026-03-21 Saturday	07:00	217°	+54°	0 dB	0°	217°	+54°	257°	+15°	2.4dB	300°K	367605	-89 Hz
2026-03-21 Saturday	07:30	227°	+51°	0 dB	0°	227°	+51°	264°	+16°	2.4dB	300°K	367578	-124 Hz
2026-03-21 Saturday	08:00	236°	+47°	0 dB	0°	236°	+47°	272°	+16°	2.4dB	301°K	367552	-155 Hz
2026-03-21 Saturday	08:30	244°	+42°	0 dB	0°	244°	+42°	279°	+16°	2.4dB	301°K	367526	-184 Hz
2026-03-21 Saturday	09:00	251°	+38°	0 dB	0°	251°	+38°	286°	+16°	2.4dB	301°K	367500	-209 Hz
2026-03-21 Saturday	09:30	257°	+33°	0 dB	0°	257°	+33°	293°	+16°	2.4dB	302°K	367475	-230 Hz
2026-03-21 Saturday	10:00	263°	+28°	0 dB	0°	263°	+28°	301°	+16°	2.4dB	302°K	367451	-247 Hz
2026-03-21 Saturday	10:30	269°	+23°	0 dB	0°	269°	+23°	308°	+16°	2.4dB	302°K	367427	-260 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-21 Saturday	11:00	274°	+18°	0 dB	0°	274°	+18°	315°	+16°	2.4dB	303°K	367404	-268 Hz
2026-03-21 Saturday	11:30	279°	+13°	0 dB	0°	279°	+13°	322°	+16°	2.4dB	303°K	367381	-271 Hz
2026-03-21 Saturday	12:00	284°	+9°	0 dB	0°	284°	+9°	330°	+17°	2.4dB	303°K	367359	-270 Hz
2026-03-21 Saturday	12:30	289°	+4°	0 dB	0°	289°	+4°	337°	+17°	2.4dB	304°K	367337	-264 Hz
2026-03-21 Saturday	23:00	064°	+1°	0 dB	0°	064°	+1°	129°	+19°	2.8dB	338°K	366989	+279 Hz
2026-03-21 Saturday	23:30	069°	+6°	0 dB	0°	069°	+6°	136°	+19°	2.8dB	340°K	366978	+288 Hz
2026-03-22 Sunday	00:00	074°	+11°	0 dB	0°	074°	+11°	143°	+19°	2.9dB	342°K	366967	+293 Hz
2026-03-22 Sunday	00:30	079°	+16°	0 dB	0°	079°	+16°	150°	+19°	2.9dB	344°K	366957	+293 Hz
2026-03-22 Sunday	01:00	084°	+21°	0 dB	0°	084°	+21°	157°	+20°	2.9dB	345°K	366947	+289 Hz
2026-03-22 Sunday	01:30	089°	+26°	0 dB	0°	089°	+26°	165°	+20°	2.9dB	347°K	366937	+280 Hz
2026-03-22 Sunday	02:00	094°	+31°	0 dB	0°	094°	+31°	172°	+20°	2.9dB	348°K	366928	+267 Hz
2026-03-22 Sunday	02:30	100°	+36°	0 dB	0°	100°	+36°	179°	+20°	2.9dB	349°K	366920	+250 Hz
2026-03-22 Sunday	03:00	106°	+41°	0 dB	0°	106°	+41°	186°	+20°	2.9dB	350°K	366912	+228 Hz
2026-03-22 Sunday	03:30	112°	+46°	0 dB	0°	112°	+46°	194°	+20°	3.0dB	351°K	366904	+203 Hz
2026-03-22 Sunday	04:00	120°	+51°	0 dB	0°	120°	+51°	201°	+20°	3.0dB	352°K	366897	+174 Hz
2026-03-22 Sunday	04:30	129°	+55°	0 dB	0°	129°	+55°	208°	+20°	3.0dB	353°K	366890	+143 Hz
2026-03-22 Sunday	05:00	140°	+59°	0 dB	0°	140°	+59°	215°	+20°	3.0dB	353°K	366884	+110 Hz
2026-03-22 Sunday	05:30	152°	+62°	0 dB	0°	152°	+62°	222°	+21°	3.0dB	354°K	366879	+74 Hz
2026-03-22 Sunday	06:00	166°	+63°	0 dB	0°	166°	+63°	230°	+21°	3.0dB	355°K	366873	+38 Hz
2026-03-22 Sunday	06:30	182°	+64°	0 dB	0°	182°	+64°	237°	+21°	3.0dB	356°K	366868	+1 Hz
2026-03-22 Sunday	07:00	197°	+63°	0 dB	0°	197°	+63°	244°	+21°	3.0dB	357°K	366864	-36 Hz
2026-03-22 Sunday	07:30	211°	+61°	0 dB	0°	211°	+61°	251°	+21°	3.0dB	358°K	366860	-72 Hz
2026-03-22 Sunday	08:00	224°	+58°	0 dB	0°	224°	+58°	258°	+21°	3.0dB	359°K	366857	-106 Hz
2026-03-22 Sunday	08:30	234°	+55°	0 dB	0°	234°	+55°	266°	+21°	3.0dB	360°K	366854	-139 Hz
2026-03-22 Sunday	09:00	243°	+50°	0 dB	0°	243°	+50°	273°	+21°	3.0dB	360°K	366851	-169 Hz
2026-03-22 Sunday	09:30	250°	+46°	0 dB	0°	250°	+46°	280°	+21°	3.1dB	361°K	366849	-196 Hz
2026-03-22 Sunday	10:00	257°	+41°	0 dB	0°	257°	+41°	287°	+21°	3.1dB	362°K	366847	-219 Hz
2026-03-22 Sunday	10:30	263°	+36°	0 dB	0°	263°	+36°	295°	+22°	3.1dB	363°K	366846	-239 Hz
2026-03-22 Sunday	11:00	269°	+31°	0 dB	0°	269°	+31°	302°	+22°	3.1dB	364°K	366845	-255 Hz
2026-03-22 Sunday	11:30	274°	+26°	0 dB	0°	274°	+26°	309°	+22°	3.1dB	365°K	366845	-266 Hz
2026-03-22 Sunday	12:00	279°	+21°	0 dB	0°	279°	+21°	316°	+22°	3.1dB	366°K	366845	-273 Hz
2026-03-22 Sunday	12:30	284°	+16°	0 dB	0°	284°	+16°	323°	+22°	3.1dB	367°K	366846	-276 Hz
2026-03-22 Sunday	13:00	289°	+12°	0 dB	0°	289°	+12°	331°	+22°	3.1dB	368°K	366847	-274 Hz
2026-03-22 Sunday	13:30	294°	+7°	0 dB	0°	294°	+7°	338°	+22°	3.1dB	368°K	366848	-268 Hz
2026-03-22 Sunday	14:00	299°	+3°	0 dB	0°	299°	+3°	345°	+22°	3.1dB	369°K	366850	-257 Hz
2026-03-22 Sunday	23:30	057°	+1°	0 dB	0°	057°	+1°	122°	+24°	3.0dB	352°K	366965	+246 Hz
2026-03-23 Monday	00:00	062°	+5°	0 dB	0°	062°	+5°	129°	+24°	3.0dB	351°K	366976	+259 Hz
2026-03-23 Monday	00:30	066°	+10°	0 dB	0°	066°	+10°	136°	+24°	2.9dB	350°K	366986	+267 Hz
2026-03-23 Monday	01:00	071°	+15°	0 dB	0°	071°	+15°	144°	+24°	2.9dB	349°K	366997	+271 Hz
2026-03-23 Monday	01:30	076°	+19°	0 dB	0°	076°	+19°	151°	+24°	2.9dB	348°K	367009	+271 Hz
2026-03-23 Monday	02:00	081°	+24°	0 dB	0°	081°	+24°	158°	+24°	2.9dB	348°K	367020	+267 Hz
2026-03-23 Monday	02:30	085°	+29°	0 dB	0°	085°	+29°	165°	+24°	2.9dB	349°K	367033	+258 Hz
2026-03-23 Monday	03:00	090°	+35°	0 dB	0°	090°	+35°	172°	+24°	2.9dB	349°K	367045	+245 Hz
2026-03-23 Monday	03:30	096°	+40°	0 dB	0°	096°	+40°	180°	+24°	2.9dB	350°K	367058	+228 Hz
2026-03-23 Monday	04:00	102°	+45°	0 dB	0°	102°	+45°	187°	+25°	3.0dB	351°K	367071	+207 Hz
2026-03-23 Monday	04:30	108°	+50°	0 dB	0°	108°	+50°	194°	+25°	3.0dB	352°K	367085	+182 Hz
2026-03-23 Monday	05:00	116°	+54°	0 dB	0°	116°	+54°	201°	+25°	3.0dB	353°K	367099	+155 Hz
2026-03-23 Monday	05:30	125°	+59°	0 dB	0°	125°	+59°	208°	+25°	3.0dB	354°K	367114	+124 Hz
2026-03-23 Monday	06:00	136°	+63°	0 dB	0°	136°	+63°	216°	+25°	3.0dB	355°K	367129	+92 Hz
2026-03-23 Monday	06:30	149°	+66°	0 dB	0°	149°	+66°	223°	+25°	3.0dB	356°K	367144	+58 Hz
2026-03-23 Monday	07:00	165°	+68°	0 dB	0°	165°	+68°	230°	+25°	3.0dB	357°K	367160	+23 Hz
2026-03-23 Monday	07:30	183°	+69°	0 dB	0°	183°	+69°	237°	+25°	3.0dB	358°K	367176	-13 Hz
2026-03-23 Monday	08:00	201°	+68°	0 dB	0°	201°	+68°	244°	+25°	3.0dB	359°K	367192	-48 Hz
2026-03-23 Monday	08:30	216°	+65°	0 dB	0°	216°	+65°	252°	+25°	3.1dB	360°K	367209	-83 Hz
2026-03-23 Monday	09:00	229°	+62°	0 dB	0°	229°	+62°	259°	+25°	3.1dB	361°K	367226	-116 Hz
2026-03-23 Monday	09:30	239°	+58°	0 dB	0°	239°	+58°	266°	+25°	3.1dB	362°K	367243	-148 Hz
2026-03-23 Monday	10:00	248°	+53°	0 dB	0°	248°	+53°	273°	+25°	3.1dB	363°K	367261	-176 Hz
2026-03-23 Monday	10:30	255°	+49°	0 dB	0°	255°	+49°	280°	+25°	3.1dB	363°K	367279	-202 Hz
2026-03-23 Monday	11:00	261°	+44°	0 dB	0°	261°	+44°	288°	+26°	3.1dB	364°K	367298	-225 Hz
2026-03-23 Monday	11:30	267°	+39°	0 dB	0°	267°	+39°	295°	+26°	3.1dB	365°K	367317	-244 Hz
2026-03-23 Monday	12:00	272°	+34°	0 dB	0°	272°	+34°	302°	+26°	3.1dB	366°K	367336	-259 Hz
2026-03-23 Monday	12:30	277°	+29°	0 dB	0°	277°	+29°	309°	+26°	3.1dB	367°K	367356	-270 Hz
2026-03-23 Monday	13:00	282°	+24°	0 dB	0°	282°	+24°	316°	+26°	3.1dB	368°K	367376	-277 Hz
2026-03-23 Monday	13:30	287°	+19°	0 dB	0°	287°	+19°	324°	+26°	3.2dB	369°K	367396	-279 Hz
2026-03-23 Monday	14:00	292°	+14°	0 dB	0°	292°	+14°	331°	+26°	3.2dB	370°K	367417	-277 Hz
2026-03-23 Monday	14:30	296°	+10°	0 dB	0°	296°	+10°	338°	+26°	3.2dB	372°K	367438	-271 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-23 Monday	15:00	301°	+6°	0 dB	0°	301°	+6°	345°	+26°	3.2dB	373°K	367460	-261 Hz
2026-03-23 Monday	15:30	306°	+1°	0 dB	0°	306°	+1°	352°	+26°	3.2dB	374°K	367481	-247 Hz
2026-03-24 Tuesday	00:30	055°	+3°	0 dB	0°	055°	+3°	122°	+27°	3.5dB	398°K	367931	+228 Hz
2026-03-24 Tuesday	01:00	059°	+8°	0 dB	0°	059°	+8°	129°	+27°	3.5dB	400°K	367959	+240 Hz
2026-03-24 Tuesday	01:30	064°	+12°	0 dB	0°	064°	+12°	136°	+27°	3.5dB	401°K	367987	+249 Hz
2026-03-24 Tuesday	02:00	069°	+17°	0 dB	0°	069°	+17°	143°	+27°	3.5dB	403°K	368016	+253 Hz
2026-03-24 Tuesday	02:30	073°	+21°	0 dB	0°	073°	+21°	151°	+27°	3.5dB	404°K	368044	+253 Hz
2026-03-24 Tuesday	03:00	078°	+26°	0 dB	0°	078°	+26°	158°	+27°	3.6dB	406°K	368074	+249 Hz
2026-03-24 Tuesday	03:30	083°	+31°	0 dB	0°	083°	+31°	165°	+27°	3.6dB	407°K	368103	+241 Hz
2026-03-24 Tuesday	04:00	087°	+36°	0 dB	0°	087°	+36°	172°	+27°	3.6dB	409°K	368133	+228 Hz
2026-03-24 Tuesday	04:30	093°	+41°	0 dB	0°	093°	+41°	179°	+27°	3.6dB	411°K	368163	+212 Hz
2026-03-24 Tuesday	05:00	098°	+46°	0 dB	0°	098°	+46°	187°	+27°	3.6dB	412°K	368194	+192 Hz
2026-03-24 Tuesday	05:30	104°	+51°	0 dB	0°	104°	+51°	194°	+27°	3.6dB	414°K	368224	+168 Hz
2026-03-24 Tuesday	06:00	112°	+56°	0 dB	0°	112°	+56°	201°	+28°	3.6dB	415°K	368255	+142 Hz
2026-03-24 Tuesday	06:30	120°	+61°	0 dB	0°	120°	+61°	208°	+28°	3.7dB	417°K	368287	+113 Hz
2026-03-24 Tuesday	07:00	131°	+65°	0 dB	0°	131°	+65°	215°	+28°	3.7dB	418°K	368318	+81 Hz
2026-03-24 Tuesday	07:30	145°	+68°	0 dB	0°	145°	+68°	222°	+28°	3.7dB	420°K	368350	+48 Hz
2026-03-24 Tuesday	08:00	163°	+70°	0 dB	0°	163°	+70°	230°	+28°	3.7dB	421°K	368382	+14 Hz
2026-03-24 Tuesday	08:30	182°	+71°	0 dB	0°	182°	+71°	237°	+28°	3.7dB	423°K	368415	-20 Hz
2026-03-24 Tuesday	09:00	202°	+70°	0 dB	0°	202°	+70°	244°	+28°	3.7dB	424°K	368447	-55 Hz
2026-03-24 Tuesday	09:30	218°	+68°	0 dB	0°	218°	+68°	251°	+28°	3.8dB	426°K	368480	-89 Hz
2026-03-24 Tuesday	10:00	231°	+64°	0 dB	0°	231°	+64°	258°	+28°	3.8dB	428°K	368514	-121 Hz
2026-03-24 Tuesday	10:30	242°	+60°	0 dB	0°	242°	+60°	266°	+28°	3.8dB	429°K	368547	-152 Hz
2026-03-24 Tuesday	11:00	250°	+55°	0 dB	0°	250°	+55°	273°	+28°	3.8dB	431°K	368581	-181 Hz
2026-03-24 Tuesday	11:30	258°	+51°	0 dB	0°	258°	+51°	280°	+28°	3.8dB	432°K	368615	-206 Hz
2026-03-24 Tuesday	12:00	264°	+46°	0 dB	0°	264°	+46°	287°	+28°	3.8dB	434°K	368649	-229 Hz
2026-03-24 Tuesday	12:30	269°	+41°	0 dB	0°	269°	+41°	294°	+28°	3.9dB	436°K	368684	-248 Hz
2026-03-24 Tuesday	13:00	274°	+36°	0 dB	0°	274°	+36°	301°	+28°	3.9dB	439°K	368719	-263 Hz
2026-03-24 Tuesday	13:30	279°	+31°	0 dB	0°	279°	+31°	309°	+28°	3.9dB	442°K	368754	-274 Hz
2026-03-24 Tuesday	14:00	284°	+26°	0 dB	0°	284°	+26°	316°	+28°	3.9dB	445°K	368790	-281 Hz
2026-03-24 Tuesday	14:30	288°	+21°	0 dB	0°	288°	+21°	323°	+28°	4.0dB	448°K	368825	-284 Hz
2026-03-24 Tuesday	15:00	293°	+16°	0 dB	0°	293°	+16°	330°	+28°	4.0dB	451°K	368861	-282 Hz
2026-03-24 Tuesday	15:30	298°	+12°	0 dB	0°	298°	+12°	337°	+28°	4.0dB	454°K	368897	-277 Hz
2026-03-24 Tuesday	16:00	302°	+7°	0 dB	0°	302°	+7°	345°	+28°	4.0dB	457°K	368934	-267 Hz
2026-03-24 Tuesday	16:30	307°	+3°	0 dB	0°	307°	+3°	352°	+28°	4.1dB	459°K	368971	-254 Hz
2026-03-24 Tuesday	17:00	312°	-0°	0 dB	0°	312°	-0°	359°	+28°	4.1dB	462°K	369008	-238 Hz
2026-03-25 Wednesday	01:00	048°	+0°	0 dB	0°	048°	+0°	114°	+28°	4.4dB	500°K	369632	+199 Hz
2026-03-25 Wednesday	01:30	053°	+4°	0 dB	0°	053°	+4°	121°	+28°	4.4dB	500°K	369673	+215 Hz
2026-03-25 Wednesday	02:00	058°	+8°	0 dB	0°	058°	+8°	128°	+28°	4.4dB	500°K	369714	+228 Hz
2026-03-25 Wednesday	02:30	063°	+12°	0 dB	0°	063°	+12°	135°	+28°	4.4dB	500°K	369755	+237 Hz
2026-03-25 Wednesday	03:00	067°	+17°	0 dB	0°	067°	+17°	143°	+28°	4.4dB	500°K	369797	+241 Hz
2026-03-25 Wednesday	03:30	072°	+22°	0 dB	0°	072°	+22°	150°	+28°	4.4dB	500°K	369839	+242 Hz
2026-03-25 Wednesday	04:00	076°	+26°	0 dB	0°	076°	+26°	157°	+28°	4.4dB	500°K	369881	+239 Hz
2026-03-25 Wednesday	04:30	081°	+31°	0 dB	0°	081°	+31°	164°	+28°	4.4dB	500°K	369923	+231 Hz
2026-03-25 Wednesday	05:00	086°	+36°	0 dB	0°	086°	+36°	171°	+28°	4.4dB	500°K	369966	+220 Hz
2026-03-25 Wednesday	05:30	091°	+41°	0 dB	0°	091°	+41°	179°	+28°	4.4dB	500°K	370008	+204 Hz
2026-03-25 Wednesday	06:00	096°	+46°	0 dB	0°	096°	+46°	186°	+28°	4.4dB	500°K	370051	+185 Hz
2026-03-25 Wednesday	06:30	103°	+51°	0 dB	0°	103°	+51°	193°	+28°	4.4dB	500°K	370094	+162 Hz
2026-03-25 Wednesday	07:00	110°	+56°	0 dB	0°	110°	+56°	200°	+28°	4.4dB	500°K	370138	+136 Hz
2026-03-25 Wednesday	07:30	118°	+61°	0 dB	0°	118°	+61°	207°	+28°	4.4dB	500°K	370181	+107 Hz
2026-03-25 Wednesday	08:00	129°	+65°	0 dB	0°	129°	+65°	215°	+28°	4.5dB	500°K	370225	+76 Hz
2026-03-25 Wednesday	08:30	143°	+69°	0 dB	0°	143°	+69°	222°	+28°	4.5dB	500°K	370269	+44 Hz
2026-03-25 Wednesday	09:00	160°	+71°	0 dB	0°	160°	+71°	229°	+28°	4.5dB	500°K	370313	+10 Hz
2026-03-25 Wednesday	09:30	180°	+72°	0 dB	0°	180°	+72°	236°	+28°	4.5dB	500°K	370357	-24 Hz
2026-03-25 Wednesday	10:00	200°	+71°	0 dB	0°	200°	+71°	243°	+28°	4.5dB	500°K	370402	-58 Hz
2026-03-25 Wednesday	10:30	217°	+68°	0 dB	0°	217°	+68°	250°	+28°	4.5dB	500°K	370447	-92 Hz
2026-03-25 Wednesday	11:00	231°	+65°	0 dB	0°	231°	+65°	258°	+28°	4.4dB	496°K	370491	-125 Hz
2026-03-25 Wednesday	11:30	242°	+61°	0 dB	0°	242°	+61°	265°	+28°	4.4dB	493°K	370537	-156 Hz
2026-03-25 Wednesday	12:00	250°	+56°	0 dB	0°	250°	+56°	272°	+28°	4.4dB	489°K	370582	-184 Hz
2026-03-25 Wednesday	12:30	257°	+51°	0 dB	0°	257°	+51°	279°	+28°	4.4dB	485°K	370627	-210 Hz
2026-03-25 Wednesday	13:00	263°	+46°	0 dB	0°	263°	+46°	286°	+28°	4.3dB	481°K	370673	-233 Hz
2026-03-25 Wednesday	13:30	269°	+41°	0 dB	0°	269°	+41°	294°	+28°	4.3dB	477°K	370719	-252 Hz
2026-03-25 Wednesday	14:00	274°	+36°	0 dB	0°	274°	+36°	301°	+28°	4.3dB	473°K	370765	-268 Hz
2026-03-25 Wednesday	14:30	279°	+31°	0 dB	0°	279°	+31°	308°	+28°	4.2dB	469°K	370811	-280 Hz
2026-03-25 Wednesday	15:00	283°	+26°	0 dB	0°	283°	+26°	315°	+28°	4.2dB	466°K	370857	-287 Hz
2026-03-25 Wednesday	15:30	288°	+21°	0 dB	0°	288°	+21°	322°	+28°	4.2dB	462°K	370904	-291 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-25 Wednesday	16:00	293°	+17°	0 dB	0°	293°	+17°	330°	+28°	4.1dB	458°K	370951	-290 Hz
2026-03-25 Wednesday	16:30	297°	+12°	0 dB	0°	297°	+12°	337°	+28°	4.1dB	454°K	370998	-285 Hz
2026-03-25 Wednesday	17:00	302°	+8°	0 dB	0°	302°	+8°	344°	+28°	4.1dB	450°K	371045	-276 Hz
2026-03-25 Wednesday	17:30	307°	+4°	0 dB	0°	307°	+4°	351°	+28°	4.1dB	446°K	371092	-263 Hz
2026-03-25 Wednesday	18:00	312°	-0°	0 dB	0°	312°	-0°	358°	+28°	4.0dB	442°K	371139	-247 Hz
2026-03-26 Thursday	02:30	053°	+3°	0 dB	0°	053°	+3°	121°	+28°	3.6dB	395°K	371971	+209 Hz
2026-03-26 Thursday	03:00	058°	+7°	0 dB	0°	058°	+7°	128°	+28°	3.6dB	393°K	372021	+222 Hz
2026-03-26 Thursday	03:30	063°	+11°	0 dB	0°	063°	+11°	135°	+28°	3.6dB	391°K	372072	+232 Hz
2026-03-26 Thursday	04:00	068°	+16°	0 dB	0°	068°	+16°	142°	+27°	3.6dB	389°K	372123	+237 Hz
2026-03-26 Thursday	04:30	072°	+21°	0 dB	0°	072°	+21°	149°	+27°	3.6dB	388°K	372173	+239 Hz
2026-03-26 Thursday	05:00	077°	+25°	0 dB	0°	077°	+25°	156°	+27°	3.6dB	386°K	372224	+236 Hz
2026-03-26 Thursday	05:30	082°	+30°	0 dB	0°	082°	+30°	164°	+27°	3.5dB	384°K	372275	+229 Hz
2026-03-26 Thursday	06:00	087°	+35°	0 dB	0°	087°	+35°	171°	+27°	3.5dB	382°K	372326	+217 Hz
2026-03-26 Thursday	06:30	092°	+40°	0 dB	0°	092°	+40°	178°	+27°	3.5dB	380°K	372378	+202 Hz
2026-03-26 Thursday	07:00	097°	+45°	0 dB	0°	097°	+45°	185°	+27°	3.5dB	378°K	372429	+183 Hz
2026-03-26 Thursday	07:30	104°	+50°	0 dB	0°	104°	+50°	192°	+27°	3.5dB	376°K	372481	+160 Hz
2026-03-26 Thursday	08:00	111°	+55°	0 dB	0°	111°	+55°	200°	+27°	3.5dB	374°K	372533	+134 Hz
2026-03-26 Thursday	08:30	119°	+60°	0 dB	0°	119°	+60°	207°	+27°	3.4dB	373°K	372585	+106 Hz
2026-03-26 Thursday	09:00	130°	+64°	0 dB	0°	130°	+64°	214°	+27°	3.4dB	371°K	372637	+75 Hz
2026-03-26 Thursday	09:30	143°	+67°	0 dB	0°	143°	+67°	221°	+27°	3.4dB	369°K	372689	+42 Hz
2026-03-26 Thursday	10:00	160°	+70°	0 dB	0°	160°	+70°	228°	+27°	3.4dB	366°K	372741	+8 Hz
2026-03-26 Thursday	10:30	179°	+70°	0 dB	0°	179°	+70°	236°	+27°	3.4dB	363°K	372793	-27 Hz
2026-03-26 Thursday	11:00	198°	+70°	0 dB	0°	198°	+70°	243°	+27°	3.3dB	360°K	372846	-62 Hz
2026-03-26 Thursday	11:30	215°	+67°	0 dB	0°	215°	+67°	250°	+27°	3.3dB	357°K	372899	-96 Hz
2026-03-26 Thursday	12:00	228°	+64°	0 dB	0°	228°	+64°	257°	+27°	3.3dB	355°K	372952	-129 Hz
2026-03-26 Thursday	12:30	239°	+60°	0 dB	0°	239°	+60°	264°	+27°	3.2dB	352°K	373005	-161 Hz
2026-03-26 Thursday	13:00	248°	+55°	0 dB	0°	248°	+55°	272°	+27°	3.2dB	349°K	373058	-190 Hz
2026-03-26 Thursday	13:30	255°	+50°	0 dB	0°	255°	+50°	279°	+27°	3.2dB	346°K	373111	-217 Hz
2026-03-26 Thursday	14:00	261°	+45°	0 dB	0°	261°	+45°	286°	+27°	3.2dB	343°K	373164	-240 Hz
2026-03-26 Thursday	14:30	267°	+40°	0 dB	0°	267°	+40°	293°	+27°	3.1dB	341°K	373218	-260 Hz
2026-03-26 Thursday	15:00	272°	+35°	0 dB	0°	272°	+35°	300°	+27°	3.1dB	338°K	373271	-277 Hz
2026-03-26 Thursday	15:30	277°	+30°	0 dB	0°	277°	+30°	308°	+26°	3.1dB	335°K	373325	-289 Hz
2026-03-26 Thursday	16:00	282°	+25°	0 dB	0°	282°	+25°	315°	+26°	3.0dB	332°K	373379	-297 Hz
2026-03-26 Thursday	16:30	286°	+20°	0 dB	0°	286°	+20°	322°	+26°	3.0dB	330°K	373433	-301 Hz
2026-03-26 Thursday	17:00	291°	+16°	0 dB	0°	291°	+16°	329°	+26°	3.0dB	327°K	373487	-300 Hz
2026-03-26 Thursday	17:30	296°	+11°	0 dB	0°	296°	+11°	336°	+26°	3.0dB	324°K	373541	-295 Hz
2026-03-26 Thursday	18:00	300°	+7°	0 dB	0°	300°	+7°	344°	+26°	2.9dB	321°K	373595	-287 Hz
2026-03-26 Thursday	18:30	305°	+2°	0 dB	0°	305°	+2°	351°	+26°	2.9dB	319°K	373650	-274 Hz
2026-03-27 Friday	03:30	055°	+1°	0 dB	0°	055°	+1°	121°	+25°	2.3dB	263°K	374649	+210 Hz
2026-03-27 Friday	04:00	060°	+5°	0 dB	0°	060°	+5°	128°	+25°	2.2dB	260°K	374705	+224 Hz
2026-03-27 Friday	04:30	065°	+10°	0 dB	0°	065°	+10°	135°	+25°	2.2dB	256°K	374762	+233 Hz
2026-03-27 Friday	05:00	070°	+14°	0 dB	0°	070°	+14°	142°	+25°	2.1dB	253°K	374819	+239 Hz
2026-03-27 Friday	05:30	075°	+19°	0 dB	0°	075°	+19°	149°	+25°	2.1dB	250°K	374876	+241 Hz
2026-03-27 Friday	06:00	079°	+24°	0 dB	0°	079°	+24°	157°	+25°	2.1dB	247°K	374933	+238 Hz
2026-03-27 Friday	06:30	084°	+29°	0 dB	0°	084°	+29°	164°	+25°	2.0dB	244°K	374990	+230 Hz
2026-03-27 Friday	07:00	089°	+34°	0 dB	0°	089°	+34°	171°	+24°	2.0dB	240°K	375047	+219 Hz
2026-03-27 Friday	07:30	095°	+39°	0 dB	0°	095°	+39°	178°	+24°	1.9dB	237°K	375104	+203 Hz
2026-03-27 Friday	08:00	101°	+44°	0 dB	0°	101°	+44°	186°	+24°	1.9dB	234°K	375161	+183 Hz
2026-03-27 Friday	08:30	107°	+48°	0 dB	0°	107°	+48°	193°	+24°	1.8dB	231°K	375219	+160 Hz
2026-03-27 Friday	09:00	115°	+53°	0 dB	0°	115°	+53°	200°	+24°	1.8dB	228°K	375276	+133 Hz
2026-03-27 Friday	09:30	124°	+58°	0 dB	0°	124°	+58°	207°	+24°	1.8dB	225°K	375334	+104 Hz
2026-03-27 Friday	10:00	135°	+61°	0 dB	0°	135°	+61°	214°	+24°	1.7dB	224°K	375392	+72 Hz
2026-03-27 Friday	10:30	148°	+65°	0 dB	0°	148°	+65°	222°	+24°	1.7dB	223°K	375449	+38 Hz
2026-03-27 Friday	11:00	163°	+67°	0 dB	0°	163°	+67°	229°	+24°	1.7dB	222°K	375507	+3 Hz
2026-03-27 Friday	11:30	180°	+67°	0 dB	0°	180°	+67°	236°	+24°	1.7dB	221°K	375565	-33 Hz
2026-03-27 Friday	12:00	197°	+66°	0 dB	0°	197°	+66°	243°	+24°	1.7dB	220°K	375623	-69 Hz
2026-03-27 Friday	12:30	212°	+64°	0 dB	0°	212°	+64°	251°	+24°	1.7dB	219°K	375682	-104 Hz
2026-03-27 Friday	13:00	225°	+61°	0 dB	0°	225°	+61°	258°	+24°	1.7dB	218°K	375740	-138 Hz
2026-03-27 Friday	13:30	236°	+57°	0 dB	0°	236°	+57°	265°	+23°	1.7dB	217°K	375798	-171 Hz
2026-03-27 Friday	14:00	244°	+52°	0 dB	0°	244°	+52°	272°	+23°	1.6dB	216°K	375857	-201 Hz
2026-03-27 Friday	14:30	252°	+48°	0 dB	0°	252°	+48°	279°	+23°	1.6dB	215°K	375915	-228 Hz
2026-03-27 Friday	15:00	258°	+43°	0 dB	0°	258°	+43°	287°	+23°	1.6dB	214°K	375974	-252 Hz
2026-03-27 Friday	15:30	264°	+38°	0 dB	0°	264°	+38°	294°	+23°	1.6dB	213°K	376033	-273 Hz
2026-03-27 Friday	16:00	269°	+33°	0 dB	0°	269°	+33°	301°	+23°	1.6dB	212°K	376092	-289 Hz
2026-03-27 Friday	16:30	274°	+28°	0 dB	0°	274°	+28°	308°	+23°	1.6dB	211°K	376151	-301 Hz
2026-03-27 Friday	17:00	279°	+22°	0 dB	0°	279°	+22°	316°	+23°	1.6dB	210°K	376210	-309 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-27 Friday	17:30	284°	+18°	0 dB	0°	284°	+18°	323°	+23°	1.5dB	209°K	376269	-313 Hz
2026-03-27 Friday	18:00	289°	+13°	0 dB	0°	289°	+13°	330°	+23°	1.5dB	208°K	376328	-312 Hz
2026-03-27 Friday	18:30	294°	+8°	0 dB	0°	294°	+8°	337°	+23°	1.5dB	207°K	376387	-307 Hz
2026-03-27 Friday	19:00	298°	+3°	0 dB	0°	298°	+3°	344°	+23°	1.5dB	206°K	376447	-297 Hz
2026-03-28 Saturday	05:00	064°	+3°	0 dB	0°	064°	+3°	129°	+21°	1.2dB	185°K	377652	+230 Hz
2026-03-28 Saturday	05:30	069°	+7°	0 dB	0°	069°	+7°	136°	+21°	1.2dB	184°K	377713	+240 Hz
2026-03-28 Saturday	06:00	074°	+12°	0 dB	0°	074°	+12°	144°	+21°	1.2dB	183°K	377774	+245 Hz
2026-03-28 Saturday	06:30	079°	+17°	0 dB	0°	079°	+17°	151°	+20°	1.2dB	182°K	377835	+246 Hz
2026-03-28 Saturday	07:00	084°	+22°	0 dB	0°	084°	+22°	158°	+20°	1.1dB	181°K	377897	+242 Hz
2026-03-28 Saturday	07:30	089°	+27°	0 dB	0°	089°	+27°	165°	+20°	1.1dB	180°K	377958	+234 Hz
2026-03-28 Saturday	08:00	094°	+32°	0 dB	0°	094°	+32°	172°	+20°	1.1dB	179°K	378020	+221 Hz
2026-03-28 Saturday	08:30	100°	+37°	0 dB	0°	100°	+37°	180°	+20°	1.1dB	178°K	378081	+204 Hz
2026-03-28 Saturday	09:00	106°	+42°	0 dB	0°	106°	+42°	187°	+20°	1.1dB	178°K	378143	+183 Hz
2026-03-28 Saturday	09:30	113°	+46°	0 dB	0°	113°	+46°	194°	+20°	1.1dB	177°K	378205	+158 Hz
2026-03-28 Saturday	10:00	121°	+51°	0 dB	0°	121°	+51°	201°	+20°	1.1dB	176°K	378267	+130 Hz
2026-03-28 Saturday	10:30	131°	+55°	0 dB	0°	131°	+55°	209°	+20°	1.1dB	175°K	378328	+98 Hz
2026-03-28 Saturday	11:00	141°	+58°	0 dB	0°	141°	+58°	216°	+20°	1.0dB	174°K	378390	+65 Hz
2026-03-28 Saturday	11:30	154°	+61°	0 dB	0°	154°	+61°	223°	+19°	1.0dB	174°K	378453	+29 Hz
2026-03-28 Saturday	12:00	168°	+62°	0 dB	0°	168°	+62°	230°	+19°	1.0dB	174°K	378515	-7 Hz
2026-03-28 Saturday	12:30	183°	+63°	0 dB	0°	183°	+63°	238°	+19°	1.0dB	174°K	378577	-44 Hz
2026-03-28 Saturday	13:00	198°	+62°	0 dB	0°	198°	+62°	245°	+19°	1.1dB	175°K	378639	-81 Hz
2026-03-28 Saturday	13:30	211°	+59°	0 dB	0°	211°	+59°	252°	+19°	1.1dB	175°K	378702	-118 Hz
2026-03-28 Saturday	14:00	223°	+56°	0 dB	0°	223°	+56°	259°	+19°	1.1dB	175°K	378764	-153 Hz
2026-03-28 Saturday	14:30	233°	+52°	0 dB	0°	233°	+52°	267°	+19°	1.1dB	176°K	378827	-186 Hz
2026-03-28 Saturday	15:00	241°	+48°	0 dB	0°	241°	+48°	274°	+19°	1.1dB	176°K	378889	-216 Hz
2026-03-28 Saturday	15:30	249°	+43°	0 dB	0°	249°	+43°	281°	+19°	1.1dB	176°K	378952	-244 Hz
2026-03-28 Saturday	16:00	255°	+38°	0 dB	0°	255°	+38°	288°	+18°	1.1dB	177°K	379015	-268 Hz
2026-03-28 Saturday	16:30	261°	+33°	0 dB	0°	261°	+33°	296°	+18°	1.1dB	177°K	379077	-288 Hz
2026-03-28 Saturday	17:00	267°	+28°	0 dB	0°	267°	+28°	303°	+18°	1.1dB	177°K	379140	-304 Hz
2026-03-28 Saturday	17:30	272°	+23°	0 dB	0°	272°	+23°	310°	+18°	1.2dB	178°K	379203	-315 Hz
2026-03-28 Saturday	18:00	277°	+18°	0 dB	0°	277°	+18°	317°	+18°	1.2dB	178°K	379266	-322 Hz
2026-03-28 Saturday	18:30	282°	+13°	0 dB	0°	282°	+13°	325°	+18°	1.2dB	178°K	379329	-325 Hz
2026-03-28 Saturday	19:00	287°	+8°	0 dB	0°	287°	+8°	332°	+18°	1.2dB	179°K	379393	-323 Hz
2026-03-28 Saturday	19:30	292°	+3°	0 dB	0°	292°	+3°	339°	+18°	1.2dB	179°K	379456	-316 Hz
2026-03-29 Sunday	06:00	069°	+0°	0 dB	0°	069°	+0°	131°	+15°	1.3dB	184°K	380801	+239 Hz
2026-03-29 Sunday	06:30	074°	+5°	0 dB	0°	074°	+5°	139°	+15°	1.3dB	184°K	380866	+247 Hz
2026-03-29 Sunday	07:00	079°	+10°	0 dB	0°	079°	+10°	146°	+15°	1.3dB	184°K	380931	+251 Hz
2026-03-29 Sunday	07:30	084°	+15°	0 dB	0°	084°	+15°	153°	+15°	1.3dB	184°K	380996	+250 Hz
2026-03-29 Sunday	08:00	090°	+20°	0 dB	0°	090°	+20°	160°	+15°	1.3dB	184°K	381061	+245 Hz
2026-03-29 Sunday	08:30	095°	+25°	0 dB	0°	095°	+25°	168°	+15°	1.4dB	185°K	381126	+235 Hz
2026-03-29 Sunday	09:00	101°	+30°	0 dB	0°	101°	+30°	175°	+15°	1.4dB	185°K	381191	+220 Hz
2026-03-29 Sunday	09:30	107°	+34°	0 dB	0°	107°	+34°	182°	+15°	1.4dB	185°K	381256	+201 Hz
2026-03-29 Sunday	10:00	114°	+39°	0 dB	0°	114°	+39°	189°	+14°	1.4dB	185°K	381322	+178 Hz
2026-03-29 Sunday	10:30	121°	+44°	0 dB	0°	121°	+44°	197°	+14°	1.4dB	185°K	381387	+151 Hz
2026-03-29 Sunday	11:00	129°	+48°	0 dB	0°	129°	+48°	204°	+14°	1.4dB	185°K	381453	+121 Hz
2026-03-29 Sunday	11:30	139°	+51°	0 dB	0°	139°	+51°	211°	+14°	1.4dB	186°K	381518	+88 Hz
2026-03-29 Sunday	12:00	150°	+54°	0 dB	0°	150°	+54°	218°	+14°	1.4dB	186°K	381584	+52 Hz
2026-03-29 Sunday	12:30	162°	+56°	0 dB	0°	162°	+56°	226°	+14°	1.4dB	186°K	381649	+15 Hz
2026-03-29 Sunday	13:00	174°	+57°	0 dB	0°	174°	+57°	233°	+14°	1.4dB	186°K	381715	-23 Hz
2026-03-29 Sunday	13:30	188°	+57°	0 dB	0°	188°	+57°	240°	+14°	1.4dB	186°K	381781	-61 Hz
2026-03-29 Sunday	14:00	200°	+55°	0 dB	0°	200°	+55°	247°	+14°	1.4dB	186°K	381847	-99 Hz
2026-03-29 Sunday	14:30	212°	+53°	0 dB	0°	212°	+53°	255°	+13°	1.4dB	186°K	381913	-136 Hz
2026-03-29 Sunday	15:00	222°	+50°	0 dB	0°	222°	+50°	262°	+13°	1.4dB	187°K	381979	-172 Hz
2026-03-29 Sunday	15:30	231°	+46°	0 dB	0°	231°	+46°	269°	+13°	1.4dB	187°K	382045	-205 Hz
2026-03-29 Sunday	16:00	239°	+42°	0 dB	0°	239°	+42°	277°	+13°	1.4dB	187°K	382111	-235 Hz
2026-03-29 Sunday	16:30	246°	+37°	0 dB	0°	246°	+37°	284°	+13°	1.4dB	187°K	382177	-262 Hz
2026-03-29 Sunday	17:00	253°	+32°	0 dB	0°	253°	+32°	291°	+13°	1.5dB	188°K	382243	-285 Hz
2026-03-29 Sunday	17:30	259°	+27°	0 dB	0°	259°	+27°	298°	+13°	1.5dB	188°K	382310	-304 Hz
2026-03-29 Sunday	18:00	264°	+22°	0 dB	0°	264°	+22°	306°	+13°	1.5dB	188°K	382376	-319 Hz
2026-03-29 Sunday	18:30	269°	+17°	0 dB	0°	269°	+17°	313°	+12°	1.5dB	189°K	382443	-329 Hz
2026-03-29 Sunday	19:00	274°	+12°	0 dB	0°	274°	+12°	320°	+12°	1.5dB	189°K	382509	-334 Hz
2026-03-29 Sunday	19:30	279°	+7°	0 dB	0°	279°	+7°	327°	+12°	1.5dB	189°K	382576	-335 Hz
2026-03-29 Sunday	20:00	285°	+2°	0 dB	0°	285°	+2°	335°	+12°	1.5dB	190°K	382642	-330 Hz
2026-03-30 Monday	07:30	081°	+3°	0 dB	0°	081°	+3°	142°	+9°	1.7dB	196°K	384193	+254 Hz
2026-03-30 Monday	08:00	086°	+8°	0 dB	0°	086°	+8°	149°	+9°	1.7dB	197°K	384261	+255 Hz
2026-03-30 Monday	08:30	091°	+13°	0 dB	0°	091°	+13°	156°	+9°	1.7dB	197°K	384329	+252 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-03-30 Monday	09:00	097°	+18°	0 dB	0°	097°	+18°	164°	+9°	1.7dB	197°K	384397	+245 Hz
2026-03-30 Monday	09:30	102°	+23°	0 dB	0°	102°	+23°	171°	+9°	1.7dB	197°K	384466	+232 Hz
2026-03-30 Monday	10:00	108°	+27°	0 dB	0°	108°	+27°	178°	+9°	1.7dB	198°K	384534	+215 Hz
2026-03-30 Monday	10:30	115°	+32°	0 dB	0°	115°	+32°	185°	+9°	1.7dB	198°K	384603	+193 Hz
2026-03-30 Monday	11:00	122°	+36°	0 dB	0°	122°	+36°	193°	+8°	1.7dB	198°K	384671	+168 Hz
2026-03-30 Monday	11:30	129°	+40°	0 dB	0°	129°	+40°	200°	+8°	1.8dB	199°K	384740	+138 Hz
2026-03-30 Monday	12:00	138°	+44°	0 dB	0°	138°	+44°	207°	+8°	1.8dB	199°K	384808	+106 Hz
2026-03-30 Monday	12:30	147°	+47°	0 dB	0°	147°	+47°	215°	+8°	1.8dB	199°K	384877	+71 Hz
2026-03-30 Monday	13:00	158°	+49°	0 dB	0°	158°	+49°	222°	+8°	1.8dB	199°K	384945	+34 Hz
2026-03-30 Monday	13:30	169°	+51°	0 dB	0°	169°	+51°	229°	+8°	1.8dB	200°K	385014	-4 Hz
2026-03-30 Monday	14:00	181°	+51°	0 dB	0°	181°	+51°	236°	+8°	1.8dB	200°K	385083	-43 Hz
2026-03-30 Monday	14:30	192°	+50°	0 dB	0°	192°	+50°	244°	+8°	1.8dB	200°K	385152	-83 Hz
2026-03-30 Monday	15:00	203°	+49°	0 dB	0°	203°	+49°	251°	+7°	1.8dB	201°K	385221	-121 Hz
2026-03-30 Monday	15:30	213°	+46°	0 dB	0°	213°	+46°	258°	+7°	1.8dB	201°K	385290	-158 Hz
2026-03-30 Monday	16:00	222°	+43°	0 dB	0°	222°	+43°	265°	+7°	1.8dB	201°K	385359	-193 Hz
2026-03-30 Monday	16:30	230°	+39°	0 dB	0°	230°	+39°	273°	+7°	1.8dB	201°K	385428	-225 Hz
2026-03-30 Monday	17:00	238°	+35°	0 dB	0°	238°	+35°	280°	+7°	1.9dB	202°K	385497	-254 Hz
2026-03-30 Monday	17:30	245°	+30°	0 dB	0°	245°	+30°	287°	+7°	1.9dB	202°K	385566	-280 Hz
2026-03-30 Monday	18:00	251°	+25°	0 dB	0°	251°	+25°	295°	+7°	1.9dB	202°K	385636	-301 Hz
2026-03-30 Monday	18:30	257°	+20°	0 dB	0°	257°	+20°	302°	+7°	1.9dB	203°K	385705	-318 Hz
2026-03-30 Monday	19:00	262°	+15°	0 dB	0°	262°	+15°	309°	+6°	1.9dB	203°K	385774	-331 Hz
2026-03-30 Monday	19:30	267°	+10°	0 dB	0°	267°	+10°	316°	+6°	1.9dB	203°K	385844	-339 Hz
2026-03-30 Monday	20:00	273°	+5°	0 dB	0°	273°	+5°	324°	+6°	1.9dB	203°K	385913	-341 Hz
2026-03-30 Monday	20:30	278°	+0°	0 dB	0°	278°	+0°	331°	+6°	1.9dB	204°K	385982	-339 Hz
2026-03-31 Tuesday	08:30	088°	+1°	0 dB	0°	088°	+1°	146°	+3°	2.1dB	210°K	387664	+256 Hz
2026-03-31 Tuesday	09:00	093°	+6°	0 dB	0°	093°	+6°	153°	+3°	2.1dB	211°K	387734	+255 Hz
2026-03-31 Tuesday	09:30	098°	+11°	0 dB	0°	098°	+11°	160°	+3°	2.1dB	211°K	387805	+250 Hz
2026-03-31 Tuesday	10:00	104°	+16°	0 dB	0°	104°	+16°	168°	+3°	2.1dB	211°K	387875	+239 Hz
2026-03-31 Tuesday	10:30	110°	+20°	0 dB	0°	110°	+20°	175°	+2°	2.1dB	211°K	387946	+224 Hz
2026-03-31 Tuesday	11:00	116°	+25°	0 dB	0°	116°	+25°	182°	+2°	2.1dB	212°K	388017	+204 Hz
2026-03-31 Tuesday	11:30	123°	+29°	0 dB	0°	123°	+29°	189°	+2°	2.1dB	212°K	388087	+180 Hz
2026-03-31 Tuesday	12:00	130°	+33°	0 dB	0°	130°	+33°	197°	+2°	2.1dB	212°K	388158	+152 Hz
2026-03-31 Tuesday	12:30	138°	+37°	0 dB	0°	138°	+37°	204°	+2°	2.2dB	213°K	388229	+121 Hz
2026-03-31 Tuesday	13:00	146°	+40°	0 dB	0°	146°	+40°	211°	+2°	2.2dB	214°K	388300	+86 Hz
2026-03-31 Tuesday	13:30	156°	+42°	0 dB	0°	156°	+42°	219°	+2°	2.2dB	215°K	388371	+50 Hz
2026-03-31 Tuesday	14:00	166°	+44°	0 dB	0°	166°	+44°	226°	+2°	2.2dB	217°K	388441	+12 Hz
2026-03-31 Tuesday	14:30	176°	+44°	0 dB	0°	176°	+44°	233°	+1°	2.2dB	218°K	388512	-27 Hz
2026-03-31 Tuesday	15:00	186°	+44°	0 dB	0°	186°	+44°	240°	+1°	2.3dB	220°K	388583	-67 Hz
2026-03-31 Tuesday	15:30	196°	+43°	0 dB	0°	196°	+43°	248°	+1°	2.3dB	221°K	388654	-106 Hz
2026-03-31 Tuesday	16:00	206°	+41°	0 dB	0°	206°	+41°	255°	+1°	2.3dB	223°K	388725	-144 Hz
2026-03-31 Tuesday	16:30	215°	+39°	0 dB	0°	215°	+39°	262°	+1°	2.4dB	224°K	388796	-180 Hz
2026-03-31 Tuesday	17:00	223°	+35°	0 dB	0°	223°	+35°	269°	+1°	2.4dB	226°K	388867	-213 Hz
2026-03-31 Tuesday	17:30	230°	+31°	0 dB	0°	230°	+31°	277°	+1°	2.4dB	227°K	388938	-244 Hz
2026-03-31 Tuesday	18:00	237°	+27°	0 dB	0°	237°	+27°	284°	+1°	2.4dB	229°K	389009	-271 Hz
2026-03-31 Tuesday	18:30	244°	+23°	0 dB	0°	244°	+23°	291°	+0°	2.5dB	230°K	389080	-295 Hz
2026-03-31 Tuesday	19:00	250°	+18°	0 dB	0°	250°	+18°	299°	+0°	2.5dB	232°K	389151	-314 Hz
2026-03-31 Tuesday	19:30	255°	+13°	0 dB	0°	255°	+13°	306°	+0°	2.5dB	234°K	389223	-328 Hz
2026-03-31 Tuesday	20:00	261°	+8°	0 dB	0°	261°	+8°	313°	+0°	2.5dB	235°K	389294	-338 Hz
2026-03-31 Tuesday	20:30	266°	+3°	0 dB	0°	266°	+3°	320°	-0°	2.6dB	237°K	389365	-343 Hz
2026-04-01 Wednesday	10:00	101°	+4°	0 dB	0°	101°	+4°	157°	-4°	3.2dB	279°K	391289	+251 Hz
2026-04-01 Wednesday	10:30	106°	+9°	0 dB	0°	106°	+9°	164°	-4°	3.2dB	280°K	391361	+243 Hz
2026-04-01 Wednesday	11:00	112°	+14°	0 dB	0°	112°	+14°	172°	-4°	3.3dB	282°K	391432	+229 Hz
2026-04-01 Wednesday	11:30	118°	+18°	0 dB	0°	118°	+18°	179°	-4°	3.3dB	284°K	391503	+211 Hz
2026-04-01 Wednesday	12:00	124°	+22°	0 dB	0°	124°	+22°	186°	-4°	3.3dB	285°K	391574	+189 Hz
2026-04-01 Wednesday	12:30	131°	+26°	0 dB	0°	131°	+26°	194°	-4°	3.3dB	287°K	391645	+162 Hz
2026-04-01 Wednesday	13:00	138°	+30°	0 dB	0°	138°	+30°	201°	-4°	3.4dB	288°K	391717	+133 Hz
2026-04-01 Wednesday	13:30	146°	+33°	0 dB	0°	146°	+33°	208°	-4°	3.4dB	290°K	391788	+100 Hz
2026-04-01 Wednesday	14:00	154°	+35°	0 dB	0°	154°	+35°	215°	-5°	3.4dB	292°K	391859	+64 Hz
2026-04-01 Wednesday	14:30	163°	+37°	0 dB	0°	163°	+37°	223°	-5°	3.4dB	293°K	391930	+27 Hz
2026-04-01 Wednesday	15:00	172°	+38°	0 dB	0°	172°	+38°	230°	-5°	3.5dB	295°K	392001	-12 Hz
2026-04-01 Wednesday	15:30	182°	+38°	0 dB	0°	182°	+38°	237°	-5°	3.5dB	297°K	392072	-51 Hz
2026-04-01 Wednesday	16:00	191°	+37°	0 dB	0°	191°	+37°	245°	-5°	3.5dB	298°K	392143	-90 Hz
2026-04-01 Wednesday	16:30	200°	+36°	0 dB	0°	200°	+36°	252°	-5°	3.5dB	300°K	392215	-128 Hz
2026-04-01 Wednesday	17:00	208°	+34°	0 dB	0°	208°	+34°	259°	-5°	3.5dB	301°K	392286	-164 Hz
2026-04-01 Wednesday	17:30	216°	+31°	0 dB	0°	216°	+31°	266°	-5°	3.6dB	303°K	392357	-199 Hz
2026-04-01 Wednesday	18:00	224°	+28°	0 dB	0°	224°	+28°	274°	-6°	3.6dB	305°K	392428	-230 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-01 Wednesday	18:30	231°	+24°	0 dB	0°	231°	+24°	281°	-6°	3.6dB	306°K	392498	-259 Hz
2026-04-01 Wednesday	19:00	237°	+20°	0 dB	0°	237°	+20°	288°	-6°	3.6dB	308°K	392569	-283 Hz
2026-04-01 Wednesday	19:30	243°	+15°	0 dB	0°	243°	+15°	296°	-6°	3.7dB	310°K	392640	-304 Hz
2026-04-01 Wednesday	20:00	249°	+10°	0 dB	0°	249°	+10°	303°	-6°	3.7dB	311°K	392711	-320 Hz
2026-04-01 Wednesday	20:30	254°	+5°	0 dB	0°	254°	+5°	310°	-6°	3.7dB	313°K	392782	-331 Hz
2026-04-01 Wednesday	21:00	259°	+0°	0 dB	0°	259°	+0°	317°	-6°	3.7dB	313°K	392853	-338 Hz
2026-04-02 Thursday	11:00	108°	+3°	0 dB	0°	108°	+3°	161°	-10°	3.8dB	313°K	394814	+243 Hz
2026-04-02 Thursday	11:30	113°	+7°	0 dB	0°	113°	+7°	169°	-10°	3.8dB	313°K	394884	+232 Hz
2026-04-02 Thursday	12:00	119°	+12°	0 dB	0°	119°	+12°	176°	-10°	3.8dB	313°K	394953	+216 Hz
2026-04-02 Thursday	12:30	125°	+16°	0 dB	0°	125°	+16°	183°	-10°	3.8dB	313°K	395022	+196 Hz
2026-04-02 Thursday	13:00	131°	+20°	0 dB	0°	131°	+20°	191°	-10°	3.8dB	312°K	395090	+171 Hz
2026-04-02 Thursday	13:30	138°	+23°	0 dB	0°	138°	+23°	198°	-10°	3.8dB	312°K	395159	+143 Hz
2026-04-02 Thursday	14:00	145°	+26°	0 dB	0°	145°	+26°	205°	-10°	3.8dB	312°K	395228	+112 Hz
2026-04-02 Thursday	14:30	153°	+29°	0 dB	0°	153°	+29°	212°	-10°	3.8dB	312°K	395297	+78 Hz
2026-04-02 Thursday	15:00	161°	+31°	0 dB	0°	161°	+31°	220°	-11°	3.8dB	311°K	395365	+42 Hz
2026-04-02 Thursday	15:30	169°	+32°	0 dB	0°	169°	+32°	227°	-11°	3.8dB	311°K	395434	+5 Hz
2026-04-02 Thursday	16:00	178°	+32°	0 dB	0°	178°	+32°	234°	-11°	3.8dB	311°K	395502	-33 Hz
2026-04-02 Thursday	16:30	186°	+32°	0 dB	0°	186°	+32°	242°	-11°	3.8dB	310°K	395570	-71 Hz
2026-04-02 Thursday	17:00	195°	+31°	0 dB	0°	195°	+31°	249°	-11°	3.8dB	310°K	395638	-109 Hz
2026-04-02 Thursday	17:30	203°	+29°	0 dB	0°	203°	+29°	256°	-11°	3.8dB	310°K	395707	-145 Hz
2026-04-02 Thursday	18:00	211°	+27°	0 dB	0°	211°	+27°	263°	-11°	3.8dB	310°K	395775	-180 Hz
2026-04-02 Thursday	18:30	218°	+24°	0 dB	0°	218°	+24°	271°	-11°	3.8dB	309°K	395842	-212 Hz
2026-04-02 Thursday	19:00	225°	+20°	0 dB	0°	225°	+20°	278°	-11°	3.8dB	309°K	395910	-241 Hz
2026-04-02 Thursday	19:30	231°	+16°	0 dB	0°	231°	+16°	285°	-12°	3.8dB	309°K	395978	-267 Hz
2026-04-02 Thursday	20:00	237°	+12°	0 dB	0°	237°	+12°	293°	-12°	3.8dB	308°K	396045	-289 Hz
2026-04-02 Thursday	20:30	243°	+8°	0 dB	0°	243°	+8°	300°	-12°	3.8dB	308°K	396113	-306 Hz
2026-04-02 Thursday	21:00	248°	+3°	0 dB	0°	248°	+3°	307°	-12°	3.8dB	308°K	396180	-319 Hz
2026-04-03 Friday	12:00	114°	+1°	0 dB	0°	114°	+1°	165°	-15°	4.0dB	315°K	398142	+234 Hz
2026-04-03 Friday	12:30	120°	+5°	0 dB	0°	120°	+5°	173°	-15°	4.0dB	316°K	398205	+221 Hz
2026-04-03 Friday	13:00	126°	+10°	0 dB	0°	126°	+10°	180°	-15°	4.0dB	317°K	398268	+203 Hz
2026-04-03 Friday	13:30	132°	+13°	0 dB	0°	132°	+13°	187°	-16°	4.0dB	317°K	398330	+181 Hz
2026-04-03 Friday	14:00	138°	+17°	0 dB	0°	138°	+17°	195°	-16°	4.0dB	318°K	398393	+155 Hz
2026-04-03 Friday	14:30	145°	+20°	0 dB	0°	145°	+20°	202°	-16°	4.0dB	319°K	398455	+126 Hz
2026-04-03 Friday	15:00	152°	+23°	0 dB	0°	152°	+23°	209°	-16°	4.0dB	319°K	398518	+94 Hz
2026-04-03 Friday	15:30	159°	+25°	0 dB	0°	159°	+25°	216°	-16°	4.0dB	320°K	398580	+60 Hz
2026-04-03 Friday	16:00	167°	+26°	0 dB	0°	167°	+26°	224°	-16°	4.1dB	321°K	398642	+24 Hz
2026-04-03 Friday	16:30	175°	+27°	0 dB	0°	175°	+27°	231°	-16°	4.1dB	321°K	398703	-13 Hz
2026-04-03 Friday	17:00	182°	+27°	0 dB	0°	182°	+27°	238°	-16°	4.1dB	322°K	398765	-50 Hz
2026-04-03 Friday	17:30	190°	+26°	0 dB	0°	190°	+26°	246°	-16°	4.1dB	323°K	398826	-87 Hz
2026-04-03 Friday	18:00	198°	+25°	0 dB	0°	198°	+25°	253°	-16°	4.1dB	324°K	398887	-123 Hz
2026-04-03 Friday	18:30	205°	+23°	0 dB	0°	205°	+23°	260°	-17°	4.1dB	324°K	398948	-157 Hz
2026-04-03 Friday	19:00	212°	+20°	0 dB	0°	212°	+20°	267°	-17°	4.1dB	325°K	399009	-189 Hz
2026-04-03 Friday	19:30	219°	+17°	0 dB	0°	219°	+17°	275°	-17°	4.1dB	326°K	399070	-219 Hz
2026-04-03 Friday	20:00	225°	+14°	0 dB	0°	225°	+14°	282°	-17°	4.2dB	327°K	399130	-245 Hz
2026-04-03 Friday	20:30	231°	+10°	0 dB	0°	231°	+10°	289°	-17°	4.2dB	328°K	399190	-268 Hz
2026-04-03 Friday	21:00	237°	+6°	0 dB	0°	237°	+6°	296°	-17°	4.2dB	329°K	399250	-287 Hz
2026-04-03 Friday	21:30	242°	+1°	0 dB	0°	242°	+1°	304°	-17°	4.2dB	330°K	399310	-301 Hz
2026-04-04 Saturday	13:00	120°	-0°	0 dB	0°	120°	-0°	169°	-20°	4.6dB	365°K	401055	+226 Hz
2026-04-04 Saturday	13:30	126°	+4°	0 dB	0°	126°	+4°	176°	-20°	4.7dB	366°K	401107	+211 Hz
2026-04-04 Saturday	14:00	131°	+8°	0 dB	0°	131°	+8°	184°	-20°	4.7dB	367°K	401159	+192 Hz
2026-04-04 Saturday	14:30	137°	+11°	0 dB	0°	137°	+11°	191°	-20°	4.7dB	368°K	401211	+168 Hz
2026-04-04 Saturday	15:00	143°	+14°	0 dB	0°	143°	+14°	198°	-20°	4.7dB	369°K	401263	+142 Hz
2026-04-04 Saturday	15:30	150°	+17°	0 dB	0°	150°	+17°	206°	-20°	4.7dB	371°K	401314	+112 Hz
2026-04-04 Saturday	16:00	157°	+19°	0 dB	0°	157°	+19°	213°	-21°	4.7dB	372°K	401365	+80 Hz
2026-04-04 Saturday	16:30	164°	+21°	0 dB	0°	164°	+21°	220°	-21°	4.7dB	373°K	401416	+47 Hz
2026-04-04 Saturday	17:00	171°	+22°	0 dB	0°	171°	+22°	227°	-21°	4.8dB	374°K	401466	+12 Hz
2026-04-04 Saturday	17:30	179°	+22°	0 dB	0°	179°	+22°	235°	-21°	4.8dB	375°K	401516	-24 Hz
2026-04-04 Saturday	18:00	186°	+22°	0 dB	0°	186°	+22°	242°	-21°	4.8dB	376°K	401566	-60 Hz
2026-04-04 Saturday	18:30	193°	+21°	0 dB	0°	193°	+21°	249°	-21°	4.8dB	377°K	401616	-95 Hz
2026-04-04 Saturday	19:00	200°	+19°	0 dB	0°	200°	+19°	256°	-21°	4.8dB	378°K	401665	-129 Hz
2026-04-04 Saturday	19:30	207°	+17°	0 dB	0°	207°	+17°	264°	-21°	4.8dB	379°K	401714	-162 Hz
2026-04-04 Saturday	20:00	214°	+15°	0 dB	0°	214°	+15°	271°	-21°	4.8dB	380°K	401763	-192 Hz
2026-04-04 Saturday	20:30	220°	+12°	0 dB	0°	220°	+12°	278°	-21°	4.8dB	381°K	401812	-219 Hz
2026-04-04 Saturday	21:00	226°	+8°	0 dB	0°	226°	+8°	285°	-21°	4.8dB	382°K	401860	-242 Hz
2026-04-04 Saturday	21:30	231°	+4°	0 dB	0°	231°	+4°	293°	-22°	4.9dB	383°K	401908	-263 Hz
2026-04-04 Saturday	22:00	237°	+0°	0 dB	0°	237°	+0°	300°	-22°	4.9dB	384°K	401955	-279 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-05 Sunday	14:30	130°	+2°	0 dB	0°	130°	+2°	180°	-24°	5.2dB	415°K	403347	+205 Hz
2026-04-05 Sunday	15:00	136°	+6°	0 dB	0°	136°	+6°	187°	-24°	5.2dB	416°K	403383	+185 Hz
2026-04-05 Sunday	15:30	142°	+9°	0 dB	0°	142°	+9°	194°	-24°	5.2dB	417°K	403419	+161 Hz
2026-04-05 Sunday	16:00	148°	+12°	0 dB	0°	148°	+12°	201°	-24°	5.3dB	418°K	403455	+134 Hz
2026-04-05 Sunday	16:30	154°	+14°	0 dB	0°	154°	+14°	209°	-24°	5.3dB	420°K	403490	+105 Hz
2026-04-05 Sunday	17:00	161°	+16°	0 dB	0°	161°	+16°	216°	-24°	5.3dB	422°K	403525	+73 Hz
2026-04-05 Sunday	17:30	168°	+18°	0 dB	0°	168°	+18°	223°	-24°	5.3dB	424°K	403560	+40 Hz
2026-04-05 Sunday	18:00	175°	+18°	0 dB	0°	175°	+18°	230°	-24°	5.3dB	427°K	403594	+6 Hz
2026-04-05 Sunday	18:30	182°	+18°	0 dB	0°	182°	+18°	238°	-25°	5.4dB	429°K	403628	-29 Hz
2026-04-05 Sunday	19:00	188°	+18°	0 dB	0°	188°	+18°	245°	-25°	5.4dB	431°K	403661	-64 Hz
2026-04-05 Sunday	19:30	195°	+17°	0 dB	0°	195°	+17°	252°	-25°	5.4dB	433°K	403694	-97 Hz
2026-04-05 Sunday	20:00	202°	+15°	0 dB	0°	202°	+15°	259°	-25°	5.4dB	435°K	403727	-130 Hz
2026-04-05 Sunday	20:30	208°	+13°	0 dB	0°	208°	+13°	267°	-25°	5.4dB	437°K	403759	-160 Hz
2026-04-05 Sunday	21:00	215°	+10°	0 dB	0°	215°	+10°	274°	-25°	5.5dB	440°K	403791	-188 Hz
2026-04-05 Sunday	21:30	220°	+7°	0 dB	0°	220°	+7°	281°	-25°	5.5dB	442°K	403822	-213 Hz
2026-04-05 Sunday	22:00	226°	+4°	0 dB	0°	226°	+4°	288°	-25°	5.5dB	444°K	403853	-234 Hz
2026-04-05 Sunday	22:30	231°	-0°	0 dB	0°	231°	-0°	296°	-25°	5.5dB	446°K	403884	-252 Hz
2026-04-06 Monday	15:30	134°	+1°	0 dB	0°	134°	+1°	182°	-27°	6.5dB	569°K	404682	+205 Hz
2026-04-06 Monday	16:00	139°	+5°	0 dB	0°	139°	+5°	189°	-27°	6.5dB	574°K	404698	+184 Hz
2026-04-06 Monday	16:30	145°	+8°	0 dB	0°	145°	+8°	197°	-27°	6.6dB	578°K	404714	+160 Hz
2026-04-06 Monday	17:00	151°	+11°	0 dB	0°	151°	+11°	204°	-27°	6.6dB	583°K	404729	+133 Hz
2026-04-06 Monday	17:30	157°	+13°	0 dB	0°	157°	+13°	211°	-27°	6.6dB	588°K	404743	+103 Hz
2026-04-06 Monday	18:00	164°	+14°	0 dB	0°	164°	+14°	218°	-27°	6.7dB	593°K	404757	+72 Hz
2026-04-06 Monday	18:30	170°	+15°	0 dB	0°	170°	+15°	226°	-27°	6.7dB	597°K	404771	+39 Hz
2026-04-06 Monday	19:00	177°	+16°	0 dB	0°	177°	+16°	233°	-27°	6.7dB	602°K	404784	+5 Hz
2026-04-06 Monday	19:30	184°	+16°	0 dB	0°	184°	+16°	240°	-27°	6.8dB	607°K	404797	-28 Hz
2026-04-06 Monday	20:00	191°	+15°	0 dB	0°	191°	+15°	247°	-27°	6.8dB	615°K	404809	-62 Hz
2026-04-06 Monday	20:30	197°	+14°	0 dB	0°	197°	+14°	255°	-27°	6.9dB	625°K	404821	-94 Hz
2026-04-06 Monday	21:00	203°	+12°	0 dB	0°	203°	+12°	262°	-27°	6.9dB	634°K	404833	-125 Hz
2026-04-06 Monday	21:30	210°	+10°	0 dB	0°	210°	+10°	269°	-27°	7.0dB	644°K	404843	-154 Hz
2026-04-06 Monday	22:00	216°	+7°	0 dB	0°	216°	+7°	276°	-27°	7.1dB	653°K	404854	-180 Hz
2026-04-06 Monday	22:30	221°	+4°	0 dB	0°	221°	+4°	284°	-27°	7.1dB	663°K	404864	-203 Hz
2026-04-06 Monday	23:00	227°	+0°	0 dB	0°	227°	+0°	291°	-27°	7.2dB	672°K	404873	-223 Hz
2026-04-07 Tuesday	16:30	136°	+1°	0 dB	0°	136°	+1°	184°	-28°	9.8dB	1267°K	404901	+210 Hz
2026-04-07 Tuesday	17:00	142°	+5°	0 dB	0°	142°	+5°	192°	-28°	9.8dB	1295°K	404893	+188 Hz
2026-04-07 Tuesday	17:30	147°	+8°	0 dB	0°	147°	+8°	199°	-28°	9.9dB	1322°K	404885	+164 Hz
2026-04-07 Tuesday	18:00	153°	+10°	0 dB	0°	153°	+10°	206°	-28°	10.0dB	1350°K	404875	+136 Hz
2026-04-07 Tuesday	18:30	160°	+12°	0 dB	0°	160°	+12°	213°	-28°	10.1dB	1377°K	404866	+107 Hz
2026-04-07 Tuesday	19:00	166°	+13°	0 dB	0°	166°	+13°	221°	-28°	10.2dB	1405°K	404856	+75 Hz
2026-04-07 Tuesday	19:30	173°	+14°	0 dB	0°	173°	+14°	228°	-28°	10.3dB	1432°K	404845	+43 Hz
2026-04-07 Tuesday	20:00	179°	+15°	0 dB	0°	179°	+15°	235°	-28°	10.3dB	1460°K	404834	+10 Hz
2026-04-07 Tuesday	20:30	186°	+15°	0 dB	0°	186°	+15°	242°	-28°	10.4dB	1487°K	404822	-23 Hz
2026-04-07 Tuesday	21:00	192°	+14°	0 dB	0°	192°	+14°	250°	-28°	10.5dB	1515°K	404810	-56 Hz
2026-04-07 Tuesday	21:30	199°	+12°	0 dB	0°	199°	+12°	257°	-28°	10.6dB	1542°K	404797	-88 Hz
2026-04-07 Tuesday	22:00	205°	+10°	0 dB	0°	205°	+10°	264°	-28°	10.6dB	1570°K	404783	-118 Hz
2026-04-07 Tuesday	22:30	211°	+8°	0 dB	0°	211°	+8°	271°	-28°	10.7dB	1598°K	404770	-146 Hz
2026-04-07 Tuesday	23:00	217°	+5°	0 dB	0°	217°	+5°	279°	-28°	10.8dB	1646°K	404755	-171 Hz
2026-04-07 Tuesday	23:30	222°	+2°	0 dB	0°	222°	+2°	286°	-28°	11.0dB	1709°K	404740	-193 Hz
2026-04-08 Wednesday	17:30	138°	+2°	0 dB	0°	138°	+2°	186°	-28°	13.1dB	2815°K	403854	+219 Hz
2026-04-08 Wednesday	18:00	143°	+6°	0 dB	0°	143°	+6°	194°	-28°	13.0dB	2769°K	403820	+197 Hz
2026-04-08 Wednesday	18:30	149°	+8°	0 dB	0°	149°	+8°	201°	-28°	12.9dB	2724°K	403785	+172 Hz
2026-04-08 Wednesday	19:00	155°	+11°	0 dB	0°	155°	+11°	208°	-28°	12.9dB	2679°K	403749	+144 Hz
2026-04-08 Wednesday	19:30	161°	+13°	0 dB	0°	161°	+13°	215°	-28°	12.8dB	2633°K	403713	+114 Hz
2026-04-08 Wednesday	20:00	168°	+14°	0 dB	0°	168°	+14°	223°	-28°	12.7dB	2588°K	403677	+82 Hz
2026-04-08 Wednesday	20:30	174°	+15°	0 dB	0°	174°	+15°	230°	-28°	12.6dB	2542°K	403639	+49 Hz
2026-04-08 Wednesday	21:00	181°	+15°	0 dB	0°	181°	+15°	237°	-28°	12.5dB	2497°K	403602	+16 Hz
2026-04-08 Wednesday	21:30	188°	+15°	0 dB	0°	188°	+15°	244°	-28°	12.5dB	2452°K	403564	-17 Hz
2026-04-08 Wednesday	22:00	194°	+14°	0 dB	0°	194°	+14°	252°	-28°	12.4dB	2406°K	403525	-50 Hz
2026-04-08 Wednesday	22:30	201°	+12°	0 dB	0°	201°	+12°	259°	-28°	12.3dB	2361°K	403485	-81 Hz
2026-04-08 Wednesday	23:00	207°	+10°	0 dB	0°	207°	+10°	266°	-28°	12.2dB	2315°K	403446	-111 Hz
2026-04-08 Wednesday	23:30	213°	+8°	0 dB	0°	213°	+8°	273°	-28°	12.1dB	2270°K	403405	-138 Hz
2026-04-09 Thursday	00:00	219°	+5°	0 dB	0°	219°	+5°	281°	-28°	12.0dB	2225°K	403364	-162 Hz
2026-04-09 Thursday	00:30	224°	+1°	0 dB	0°	224°	+1°	288°	-28°	12.0dB	2179°K	403323	-184 Hz
2026-04-09 Thursday	18:00	133°	+1°	0 dB	0°	133°	+1°	181°	-27°	7.7dB	793°K	401536	+252 Hz
2026-04-09 Thursday	18:30	139°	+5°	0 dB	0°	139°	+5°	189°	-27°	7.6dB	780°K	401475	+232 Hz
2026-04-09 Thursday	19:00	144°	+8°	0 dB	0°	144°	+8°	196°	-27°	7.5dB	767°K	401414	+208 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-09 Thursday	19:30	150°	+10°	0 dB	0°	150°	+10°	203°	-27°	7.5dB	755°K	401353	+182 Hz
2026-04-09 Thursday	20:00	156°	+13°	0 dB	0°	156°	+13°	210°	-27°	7.4dB	742°K	401291	+153 Hz
2026-04-09 Thursday	20:30	163°	+15°	0 dB	0°	163°	+15°	218°	-27°	7.3dB	729°K	401228	+122 Hz
2026-04-09 Thursday	21:00	170°	+16°	0 dB	0°	170°	+16°	225°	-26°	7.3dB	716°K	401165	+89 Hz
2026-04-09 Thursday	21:30	176°	+16°	0 dB	0°	176°	+16°	232°	-26°	7.2dB	703°K	401101	+56 Hz
2026-04-09 Thursday	22:00	183°	+17°	0 dB	0°	183°	+17°	239°	-26°	7.1dB	691°K	401037	+22 Hz
2026-04-09 Thursday	22:30	190°	+16°	0 dB	0°	190°	+16°	247°	-26°	7.0dB	678°K	400972	-12 Hz
2026-04-09 Thursday	23:00	197°	+15°	0 dB	0°	197°	+15°	254°	-26°	7.0dB	665°K	400907	-45 Hz
2026-04-09 Thursday	23:30	203°	+13°	0 dB	0°	203°	+13°	261°	-26°	6.9dB	652°K	400841	-76 Hz
2026-04-10 Friday	00:00	209°	+11°	0 dB	0°	209°	+11°	268°	-26°	6.8dB	640°K	400775	-106 Hz
2026-04-10 Friday	00:30	215°	+8°	0 dB	0°	215°	+8°	276°	-26°	6.7dB	627°K	400708	-133 Hz
2026-04-10 Friday	01:00	221°	+5°	0 dB	0°	221°	+5°	283°	-26°	6.6dB	614°K	400641	-157 Hz
2026-04-10 Friday	01:30	227°	+2°	0 dB	0°	227°	+2°	290°	-26°	6.5dB	602°K	400573	-178 Hz
2026-04-10 Friday	18:30	128°	+1°	0 dB	0°	128°	+1°	177°	-24°	4.5dB	369°K	397975	+283 Hz
2026-04-10 Friday	19:00	133°	+4°	0 dB	0°	133°	+4°	184°	-24°	4.5dB	368°K	397890	+265 Hz
2026-04-10 Friday	19:30	139°	+8°	0 dB	0°	139°	+8°	191°	-24°	4.5dB	366°K	397805	+243 Hz
2026-04-10 Friday	20:00	145°	+11°	0 dB	0°	145°	+11°	198°	-24°	4.5dB	365°K	397719	+218 Hz
2026-04-10 Friday	20:30	151°	+14°	0 dB	0°	151°	+14°	206°	-24°	4.5dB	363°K	397633	+190 Hz
2026-04-10 Friday	21:00	158°	+16°	0 dB	0°	158°	+16°	213°	-24°	4.4dB	361°K	397546	+160 Hz
2026-04-10 Friday	21:30	165°	+18°	0 dB	0°	165°	+18°	220°	-24°	4.4dB	360°K	397459	+127 Hz
2026-04-10 Friday	22:00	171°	+19°	0 dB	0°	171°	+19°	227°	-24°	4.4dB	358°K	397372	+93 Hz
2026-04-10 Friday	22:30	179°	+19°	0 dB	0°	179°	+19°	235°	-23°	4.4dB	357°K	397284	+58 Hz
2026-04-10 Friday	23:00	186°	+19°	0 dB	0°	186°	+19°	242°	-23°	4.4dB	355°K	397195	+24 Hz
2026-04-10 Friday	23:30	193°	+19°	0 dB	0°	193°	+19°	249°	-23°	4.4dB	354°K	397106	-11 Hz
2026-04-11 Saturday	00:00	200°	+17°	0 dB	0°	200°	+17°	256°	-23°	4.3dB	352°K	397017	-44 Hz
2026-04-11 Saturday	00:30	206°	+15°	0 dB	0°	206°	+15°	264°	-23°	4.3dB	351°K	396927	-76 Hz
2026-04-11 Saturday	01:00	213°	+13°	0 dB	0°	213°	+13°	271°	-23°	4.3dB	349°K	396837	-106 Hz
2026-04-11 Saturday	01:30	219°	+10°	0 dB	0°	219°	+10°	278°	-23°	4.3dB	348°K	396746	-133 Hz
2026-04-11 Saturday	02:00	225°	+7°	0 dB	0°	225°	+7°	285°	-23°	4.3dB	346°K	396655	-157 Hz
2026-04-11 Saturday	02:30	230°	+3°	0 dB	0°	230°	+3°	293°	-23°	4.2dB	344°K	396564	-177 Hz
2026-04-11 Saturday	19:00	122°	+1°	0 dB	0°	122°	+1°	172°	-20°	3.9dB	326°K	393318	+312 Hz
2026-04-11 Saturday	19:30	128°	+5°	0 dB	0°	128°	+5°	179°	-20°	3.9dB	326°K	393213	+296 Hz
2026-04-11 Saturday	20:00	133°	+9°	0 dB	0°	133°	+9°	187°	-20°	3.9dB	326°K	393108	+276 Hz
2026-04-11 Saturday	20:30	139°	+13°	0 dB	0°	139°	+13°	194°	-20°	3.9dB	326°K	393002	+252 Hz
2026-04-11 Saturday	21:00	146°	+16°	0 dB	0°	146°	+16°	201°	-20°	3.9dB	326°K	392896	+225 Hz
2026-04-11 Saturday	21:30	152°	+19°	0 dB	0°	152°	+19°	208°	-20°	3.9dB	326°K	392790	+194 Hz
2026-04-11 Saturday	22:00	159°	+21°	0 dB	0°	159°	+21°	216°	-20°	3.9dB	326°K	392684	+162 Hz
2026-04-11 Saturday	22:30	166°	+22°	0 dB	0°	166°	+22°	223°	-20°	3.9dB	326°K	392577	+128 Hz
2026-04-11 Saturday	23:00	174°	+23°	0 dB	0°	174°	+23°	230°	-19°	3.8dB	326°K	392470	+92 Hz
2026-04-11 Saturday	23:30	181°	+24°	0 dB	0°	181°	+24°	237°	-19°	3.8dB	326°K	392362	+56 Hz
2026-04-12 Sunday	00:00	189°	+23°	0 dB	0°	189°	+23°	245°	-19°	3.8dB	326°K	392254	+20 Hz
2026-04-12 Sunday	00:30	196°	+22°	0 dB	0°	196°	+22°	252°	-19°	3.8dB	326°K	392146	-16 Hz
2026-04-12 Sunday	01:00	204°	+21°	0 dB	0°	204°	+21°	259°	-19°	3.8dB	326°K	392038	-50 Hz
2026-04-12 Sunday	01:30	210°	+18°	0 dB	0°	210°	+18°	266°	-19°	3.8dB	326°K	391929	-82 Hz
2026-04-12 Sunday	02:00	217°	+16°	0 dB	0°	217°	+16°	274°	-19°	3.8dB	326°K	391820	-112 Hz
2026-04-12 Sunday	02:30	223°	+13°	0 dB	0°	223°	+13°	281°	-19°	3.8dB	326°K	391710	-139 Hz
2026-04-12 Sunday	03:00	229°	+9°	0 dB	0°	229°	+9°	288°	-19°	3.8dB	326°K	391601	-162 Hz
2026-04-12 Sunday	03:30	235°	+5°	0 dB	0°	235°	+5°	295°	-19°	3.8dB	326°K	391491	-182 Hz
2026-04-12 Sunday	04:00	241°	+1°	0 dB	0°	241°	+1°	303°	-18°	3.8dB	326°K	391380	-197 Hz
2026-04-12 Sunday	19:30	116°	+2°	0 dB	0°	116°	+2°	168°	-15°	3.5dB	313°K	387830	+336 Hz
2026-04-12 Sunday	20:00	122°	+7°	0 dB	0°	122°	+7°	175°	-15°	3.5dB	312°K	387712	+322 Hz
2026-04-12 Sunday	20:30	127°	+11°	0 dB	0°	127°	+11°	182°	-15°	3.5dB	311°K	387593	+303 Hz
2026-04-12 Sunday	21:00	133°	+15°	0 dB	0°	133°	+15°	190°	-15°	3.4dB	310°K	387475	+280 Hz
2026-04-12 Sunday	21:30	140°	+19°	0 dB	0°	140°	+19°	197°	-15°	3.4dB	309°K	387356	+254 Hz
2026-04-12 Sunday	22:00	147°	+22°	0 dB	0°	147°	+22°	204°	-15°	3.4dB	308°K	387237	+224 Hz
2026-04-12 Sunday	22:30	154°	+25°	0 dB	0°	154°	+25°	212°	-15°	3.4dB	307°K	387118	+192 Hz
2026-04-12 Sunday	23:00	161°	+27°	0 dB	0°	161°	+27°	219°	-14°	3.4dB	306°K	386999	+157 Hz
2026-04-12 Sunday	23:30	169°	+28°	0 dB	0°	169°	+28°	226°	-14°	3.4dB	305°K	386879	+121 Hz
2026-04-13 Monday	00:00	177°	+29°	0 dB	0°	177°	+29°	233°	-14°	3.3dB	304°K	386760	+84 Hz
2026-04-13 Monday	00:30	185°	+29°	0 dB	0°	185°	+29°	241°	-14°	3.3dB	303°K	386640	+46 Hz
2026-04-13 Monday	01:00	193°	+28°	0 dB	0°	193°	+28°	248°	-14°	3.3dB	302°K	386520	+9 Hz
2026-04-13 Monday	01:30	201°	+27°	0 dB	0°	201°	+27°	255°	-14°	3.3dB	301°K	386400	-27 Hz
2026-04-13 Monday	02:00	209°	+25°	0 dB	0°	209°	+25°	262°	-14°	3.3dB	300°K	386280	-62 Hz
2026-04-13 Monday	02:30	216°	+22°	0 dB	0°	216°	+22°	270°	-14°	3.3dB	299°K	386160	-94 Hz
2026-04-13 Monday	03:00	223°	+19°	0 dB	0°	223°	+19°	277°	-14°	3.2dB	298°K	386039	-124 Hz
2026-04-13 Monday	03:30	229°	+15°	0 dB	0°	229°	+15°	284°	-13°	3.2dB	297°K	385918	-150 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-13 Monday	04:00	235°	+12°	0 dB	0°	235°	+12°	292°	-13°	3.2dB	296°K	385798	-172 Hz
2026-04-13 Monday	04:30	241°	+7°	0 dB	0°	241°	+7°	299°	-13°	3.2dB	295°K	385677	-191 Hz
2026-04-13 Monday	05:00	247°	+3°	0 dB	0°	247°	+3°	306°	-13°	3.2dB	293°K	385556	-205 Hz
2026-04-13 Monday	20:00	110°	+4°	0 dB	0°	110°	+4°	164°	-9°	2.3dB	243°K	381889	+353 Hz
2026-04-13 Monday	20:30	115°	+9°	0 dB	0°	115°	+9°	171°	-9°	2.3dB	243°K	381766	+340 Hz
2026-04-13 Monday	21:00	121°	+14°	0 dB	0°	121°	+14°	179°	-9°	2.3dB	243°K	381643	+323 Hz
2026-04-13 Monday	21:30	127°	+18°	0 dB	0°	127°	+18°	186°	-9°	2.3dB	243°K	381521	+302 Hz
2026-04-13 Monday	22:00	133°	+22°	0 dB	0°	133°	+22°	193°	-9°	2.3dB	243°K	381398	+276 Hz
2026-04-13 Monday	22:30	140°	+26°	0 dB	0°	140°	+26°	200°	-9°	2.3dB	243°K	381275	+247 Hz
2026-04-13 Monday	23:00	147°	+29°	0 dB	0°	147°	+29°	208°	-9°	2.3dB	243°K	381152	+215 Hz
2026-04-13 Monday	23:30	155°	+31°	0 dB	0°	155°	+31°	215°	-9°	2.3dB	243°K	381030	+181 Hz
2026-04-14 Tuesday	00:00	163°	+33°	0 dB	0°	163°	+33°	222°	-8°	2.3dB	243°K	380907	+144 Hz
2026-04-14 Tuesday	00:30	172°	+34°	0 dB	0°	172°	+34°	230°	-8°	2.3dB	243°K	380784	+106 Hz
2026-04-14 Tuesday	01:00	181°	+35°	0 dB	0°	181°	+35°	237°	-8°	2.3dB	243°K	380662	+68 Hz
2026-04-14 Tuesday	01:30	190°	+34°	0 dB	0°	190°	+34°	244°	-8°	2.3dB	243°K	380539	+29 Hz
2026-04-14 Tuesday	02:00	198°	+33°	0 dB	0°	198°	+33°	251°	-8°	2.3dB	243°K	380417	-9 Hz
2026-04-14 Tuesday	02:30	207°	+32°	0 dB	0°	207°	+32°	259°	-8°	2.2dB	243°K	380294	-45 Hz
2026-04-14 Tuesday	03:00	215°	+29°	0 dB	0°	215°	+29°	266°	-8°	2.2dB	243°K	380172	-80 Hz
2026-04-14 Tuesday	03:30	222°	+26°	0 dB	0°	222°	+26°	273°	-8°	2.2dB	243°K	380050	-112 Hz
2026-04-14 Tuesday	04:00	229°	+23°	0 dB	0°	229°	+23°	280°	-7°	2.2dB	243°K	379927	-140 Hz
2026-04-14 Tuesday	04:30	236°	+19°	0 dB	0°	236°	+19°	288°	-7°	2.2dB	243°K	379805	-165 Hz
2026-04-14 Tuesday	05:00	242°	+14°	0 dB	0°	242°	+14°	295°	-7°	2.2dB	243°K	379683	-186 Hz
2026-04-14 Tuesday	05:30	248°	+10°	0 dB	0°	248°	+10°	302°	-7°	2.2dB	243°K	379561	-203 Hz
2026-04-14 Tuesday	06:00	253°	+5°	0 dB	0°	253°	+5°	309°	-7°	2.2dB	243°K	379439	-215 Hz
2026-04-14 Tuesday	06:30	259°	+0°	0 dB	0°	259°	+0°	317°	-7°	2.2dB	243°K	379317	-223 Hz
2026-04-14 Tuesday	20:00	097°	+2°	0 dB	0°	097°	+2°	153°	-3°	2.0dB	240°K	376078	+365 Hz
2026-04-14 Tuesday	20:30	102°	+7°	0 dB	0°	102°	+7°	160°	-3°	2.0dB	240°K	375961	+360 Hz
2026-04-14 Tuesday	21:00	108°	+12°	0 dB	0°	108°	+12°	168°	-3°	2.0dB	240°K	375844	+349 Hz
2026-04-14 Tuesday	21:30	114°	+16°	0 dB	0°	114°	+16°	175°	-3°	2.0dB	240°K	375726	+334 Hz
2026-04-14 Tuesday	22:00	119°	+21°	0 dB	0°	119°	+21°	182°	-3°	2.0dB	240°K	375610	+314 Hz
2026-04-14 Tuesday	22:30	126°	+25°	0 dB	0°	126°	+25°	189°	-3°	2.0dB	239°K	375493	+290 Hz
2026-04-14 Tuesday	23:00	133°	+29°	0 dB	0°	133°	+29°	197°	-2°	2.0dB	239°K	375377	+263 Hz
2026-04-14 Tuesday	23:30	140°	+33°	0 dB	0°	140°	+33°	204°	-2°	2.0dB	239°K	375260	+232 Hz
2026-04-15 Wednesday	00:00	148°	+36°	0 dB	0°	148°	+36°	211°	-2°	2.0dB	239°K	375145	+198 Hz
2026-04-15 Wednesday	00:30	157°	+39°	0 dB	0°	157°	+39°	218°	-2°	1.9dB	239°K	375029	+161 Hz
2026-04-15 Wednesday	01:00	166°	+40°	0 dB	0°	166°	+40°	226°	-2°	1.9dB	239°K	374913	+123 Hz
2026-04-15 Wednesday	01:30	176°	+41°	0 dB	0°	176°	+41°	233°	-2°	1.9dB	239°K	374798	+84 Hz
2026-04-15 Wednesday	02:00	186°	+41°	0 dB	0°	186°	+41°	240°	-2°	1.9dB	239°K	374683	+45 Hz
2026-04-15 Wednesday	02:30	195°	+41°	0 dB	0°	195°	+41°	247°	-1°	1.9dB	239°K	374569	+6 Hz
2026-04-15 Wednesday	03:00	205°	+39°	0 dB	0°	205°	+39°	255°	-1°	1.9dB	239°K	374454	-32 Hz
2026-04-15 Wednesday	03:30	213°	+37°	0 dB	0°	213°	+37°	262°	-1°	1.9dB	239°K	374340	-68 Hz
2026-04-15 Wednesday	04:00	222°	+34°	0 dB	0°	222°	+34°	269°	-1°	1.9dB	239°K	374227	-102 Hz
2026-04-15 Wednesday	04:30	229°	+30°	0 dB	0°	229°	+30°	277°	-1°	1.9dB	239°K	374113	-133 Hz
2026-04-15 Wednesday	05:00	236°	+26°	0 dB	0°	236°	+26°	284°	-1°	1.9dB	239°K	374000	-160 Hz
2026-04-15 Wednesday	05:30	243°	+22°	0 dB	0°	243°	+22°	291°	-1°	1.9dB	239°K	373887	-183 Hz
2026-04-15 Wednesday	06:00	249°	+17°	0 dB	0°	249°	+17°	298°	-0°	1.9dB	239°K	373774	-203 Hz
2026-04-15 Wednesday	06:30	255°	+13°	0 dB	0°	255°	+13°	306°	-0°	1.9dB	239°K	373662	-217 Hz
2026-04-15 Wednesday	07:00	260°	+8°	0 dB	0°	260°	+8°	313°	-0°	1.9dB	239°K	373550	-228 Hz
2026-04-15 Wednesday	07:30	266°	+3°	0 dB	0°	266°	+3°	320°	-0°	1.9dB	239°K	373438	-233 Hz
2026-04-15 Wednesday	20:30	090°	+4°	0 dB	0°	090°	+4°	149°	+4°	1.9dB	249°K	370654	+359 Hz
2026-04-15 Wednesday	21:00	095°	+9°	0 dB	0°	095°	+9°	156°	+4°	1.9dB	250°K	370553	+356 Hz
2026-04-15 Wednesday	21:30	100°	+14°	0 dB	0°	100°	+14°	163°	+4°	1.9dB	250°K	370451	+348 Hz
2026-04-15 Wednesday	22:00	106°	+19°	0 dB	0°	106°	+19°	171°	+4°	1.9dB	251°K	370350	+335 Hz
2026-04-15 Wednesday	22:30	111°	+24°	0 dB	0°	111°	+24°	178°	+4°	1.9dB	251°K	370250	+318 Hz
2026-04-15 Wednesday	23:00	118°	+28°	0 dB	0°	118°	+28°	185°	+4°	1.9dB	252°K	370149	+296 Hz
2026-04-15 Wednesday	23:30	124°	+33°	0 dB	0°	124°	+33°	192°	+4°	1.9dB	253°K	370050	+270 Hz
2026-04-16 Thursday	00:00	132°	+37°	0 dB	0°	132°	+37°	200°	+5°	1.9dB	253°K	369950	+240 Hz
2026-04-16 Thursday	00:30	140°	+41°	0 dB	0°	140°	+41°	207°	+5°	1.9dB	254°K	369851	+208 Hz
2026-04-16 Thursday	01:00	149°	+44°	0 dB	0°	149°	+44°	214°	+5°	1.9dB	255°K	369753	+172 Hz
2026-04-16 Thursday	01:30	159°	+46°	0 dB	0°	159°	+46°	222°	+5°	1.9dB	255°K	369655	+135 Hz
2026-04-16 Thursday	02:00	169°	+48°	0 dB	0°	169°	+48°	229°	+5°	1.9dB	256°K	369558	+97 Hz
2026-04-16 Thursday	02:30	180°	+48°	0 dB	0°	180°	+48°	236°	+5°	1.9dB	256°K	369461	+57 Hz
2026-04-16 Thursday	03:00	191°	+48°	0 dB	0°	191°	+48°	243°	+5°	1.9dB	257°K	369364	+18 Hz
2026-04-16 Thursday	03:30	202°	+47°	0 dB	0°	202°	+47°	251°	+5°	1.9dB	258°K	369268	-21 Hz
2026-04-16 Thursday	04:00	212°	+45°	0 dB	0°	212°	+45°	258°	+6°	1.9dB	258°K	369172	-58 Hz
2026-04-16 Thursday	04:30	221°	+42°	0 dB	0°	221°	+42°	265°	+6°	2.0dB	259°K	369077	-93 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-16 Thursday	05:00	229°	+38°	0 dB	0°	229°	+38°	272°	+6°	1.9dB	259°K	368982	-125 Hz
2026-04-16 Thursday	05:30	237°	+34°	0 dB	0°	237°	+34°	280°	+6°	2.0dB	260°K	368888	-155 Hz
2026-04-16 Thursday	06:00	244°	+30°	0 dB	0°	244°	+30°	287°	+6°	2.0dB	261°K	368794	-180 Hz
2026-04-16 Thursday	06:30	250°	+25°	0 dB	0°	250°	+25°	294°	+6°	2.0dB	261°K	368701	-202 Hz
2026-04-16 Thursday	07:00	256°	+21°	0 dB	0°	256°	+21°	301°	+6°	2.0dB	262°K	368608	-219 Hz
2026-04-16 Thursday	07:30	262°	+16°	0 dB	0°	262°	+16°	309°	+7°	2.0dB	263°K	368516	-232 Hz
2026-04-16 Thursday	08:00	267°	+11°	0 dB	0°	267°	+11°	316°	+7°	2.0dB	263°K	368424	-240 Hz
2026-04-16 Thursday	08:30	273°	+6°	0 dB	0°	273°	+6°	323°	+7°	2.0dB	264°K	368333	-243 Hz
2026-04-16 Thursday	09:00	278°	+1°	0 dB	0°	278°	+1°	330°	+7°	2.0dB	264°K	368242	-241 Hz
2026-04-16 Thursday	20:30	077°	+0°	0 dB	0°	077°	+0°	137°	+10°	2.1dB	279°K	366301	+337 Hz
2026-04-16 Thursday	21:00	082°	+5°	0 dB	0°	082°	+5°	144°	+10°	2.1dB	280°K	366224	+342 Hz
2026-04-16 Thursday	21:30	087°	+10°	0 dB	0°	087°	+10°	152°	+10°	2.1dB	280°K	366147	+341 Hz
2026-04-16 Thursday	22:00	092°	+15°	0 dB	0°	092°	+15°	159°	+11°	2.1dB	281°K	366070	+336 Hz
2026-04-16 Thursday	22:30	097°	+21°	0 dB	0°	097°	+21°	166°	+11°	2.1dB	281°K	365994	+326 Hz
2026-04-16 Thursday	23:00	103°	+26°	0 dB	0°	103°	+26°	173°	+11°	2.1dB	282°K	365919	+312 Hz
2026-04-16 Thursday	23:30	108°	+31°	0 dB	0°	108°	+31°	181°	+11°	2.1dB	SUN!	365844	+293 Hz
2026-04-17 Friday	00:00	115°	+35°	0 dB	0°	115°	+35°	188°	+11°	2.1dB	SUN!	365770	+269 Hz
2026-04-17 Friday	00:30	122°	+40°	0 dB	0°	122°	+40°	195°	+11°	2.1dB	SUN!	365696	+242 Hz
2026-04-17 Friday	01:00	130°	+44°	0 dB	0°	130°	+44°	202°	+11°	2.1dB	SUN!	365623	+212 Hz
2026-04-17 Friday	01:30	139°	+48°	0 dB	0°	139°	+48°	210°	+11°	2.1dB	SUN!	365551	+179 Hz
2026-04-17 Friday	02:00	148°	+51°	0 dB	0°	148°	+51°	217°	+12°	2.1dB	SUN!	365479	+143 Hz
2026-04-17 Friday	02:30	160°	+54°	0 dB	0°	160°	+54°	224°	+12°	2.1dB	SUN!	365408	+106 Hz
2026-04-17 Friday	03:00	172°	+55°	0 dB	0°	172°	+55°	231°	+12°	2.1dB	SUN!	365337	+68 Hz
2026-04-17 Friday	03:30	184°	+55°	0 dB	0°	184°	+55°	238°	+12°	2.2dB	SUN!	365267	+29 Hz
2026-04-17 Friday	04:00	197°	+54°	0 dB	0°	197°	+54°	246°	+12°	2.2dB	SUN!	365198	-10 Hz
2026-04-17 Friday	04:30	208°	+53°	0 dB	0°	208°	+53°	253°	+12°	2.2dB	SUN!	365129	-47 Hz
2026-04-17 Friday	05:00	219°	+50°	0 dB	0°	219°	+50°	260°	+12°	2.2dB	SUN!	365061	-83 Hz
2026-04-17 Friday	05:30	228°	+47°	0 dB	0°	228°	+47°	267°	+13°	2.2dB	SUN!	364994	-117 Hz
2026-04-17 Friday	06:00	237°	+43°	0 dB	0°	237°	+43°	275°	+13°	2.2dB	SUN!	364927	-148 Hz
2026-04-17 Friday	06:30	244°	+38°	0 dB	0°	244°	+38°	282°	+13°	2.2dB	SUN!	364860	-175 Hz
2026-04-17 Friday	07:00	251°	+34°	0 dB	0°	251°	+34°	289°	+13°	2.2dB	SUN!	364795	-199 Hz
2026-04-17 Friday	07:30	257°	+29°	0 dB	0°	257°	+29°	296°	+13°	2.2dB	SUN!	364730	-219 Hz
2026-04-17 Friday	08:00	263°	+24°	0 dB	0°	263°	+24°	304°	+13°	2.2dB	SUN!	364665	-235 Hz
2026-04-17 Friday	08:30	269°	+19°	0 dB	0°	269°	+19°	311°	+13°	2.2dB	SUN!	364602	-245 Hz
2026-04-17 Friday	09:00	274°	+14°	0 dB	0°	274°	+14°	318°	+13°	2.2dB	SUN!	364539	-252 Hz
2026-04-17 Friday	09:30	279°	+9°	0 dB	0°	279°	+9°	325°	+14°	2.2dB	SUN!	364476	-253 Hz
2026-04-17 Friday	10:00	284°	+4°	0 dB	0°	284°	+4°	333°	+14°	2.2dB	SUN!	364414	-250 Hz
2026-04-17 Friday	10:30	289°	-0°	0 dB	0°	289°	-0°	340°	+14°	2.2dB	SUN!	364353	-243 Hz
2026-04-17 Friday	21:00	068°	+1°	0 dB	0°	068°	+1°	132°	+16°	2.2dB	SUN!	363220	+307 Hz
2026-04-17 Friday	21:30	073°	+6°	0 dB	0°	073°	+6°	139°	+17°	2.2dB	SUN!	363173	+314 Hz
2026-04-17 Friday	22:00	078°	+11°	0 dB	0°	078°	+11°	146°	+17°	2.2dB	SUN!	363127	+317 Hz
2026-04-17 Friday	22:30	083°	+16°	0 dB	0°	083°	+16°	153°	+17°	2.3dB	SUN!	363082	+315 Hz
2026-04-17 Friday	23:00	088°	+21°	0 dB	0°	088°	+21°	161°	+17°	2.3dB	SUN!	363038	+309 Hz
2026-04-17 Friday	23:30	093°	+26°	0 dB	0°	093°	+26°	168°	+17°	2.3dB	SUN!	362994	+298 Hz
2026-04-18 Saturday	00:00	099°	+31°	0 dB	0°	099°	+31°	175°	+17°	2.3dB	SUN!	362950	+283 Hz
2026-04-18 Saturday	00:30	105°	+36°	0 dB	0°	105°	+36°	182°	+17°	2.3dB	SUN!	362908	+263 Hz
2026-04-18 Saturday	01:00	111°	+41°	0 dB	0°	111°	+41°	189°	+17°	2.3dB	SUN!	362866	+239 Hz
2026-04-18 Saturday	01:30	118°	+46°	0 dB	0°	118°	+46°	197°	+18°	2.4dB	SUN!	362825	+212 Hz
2026-04-18 Saturday	02:00	126°	+50°	0 dB	0°	126°	+50°	204°	+18°	2.4dB	SUN!	362784	+182 Hz
2026-04-18 Saturday	02:30	136°	+54°	0 dB	0°	136°	+54°	211°	+18°	2.4dB	SUN!	362745	+149 Hz
2026-04-18 Saturday	03:00	147°	+58°	0 dB	0°	147°	+58°	218°	+18°	2.4dB	SUN!	362705	+114 Hz
2026-04-18 Saturday	03:30	159°	+60°	0 dB	0°	159°	+60°	226°	+18°	2.4dB	SUN!	362667	+78 Hz
2026-04-18 Saturday	04:00	173°	+61°	0 dB	0°	173°	+61°	233°	+18°	2.5dB	SUN!	362629	+40 Hz
2026-04-18 Saturday	04:30	188°	+61°	0 dB	0°	188°	+61°	240°	+18°	2.5dB	SUN!	362592	+3 Hz
2026-04-18 Saturday	05:00	202°	+60°	0 dB	0°	202°	+60°	247°	+18°	2.5dB	SUN!	362556	-34 Hz
2026-04-18 Saturday	05:30	215°	+58°	0 dB	0°	215°	+58°	254°	+18°	2.5dB	330°K	362520	-71 Hz
2026-04-18 Saturday	06:00	226°	+55°	0 dB	0°	226°	+55°	262°	+19°	2.5dB	332°K	362485	-105 Hz
2026-04-18 Saturday	06:30	236°	+51°	0 dB	0°	236°	+51°	269°	+19°	2.5dB	333°K	362451	-137 Hz
2026-04-18 Saturday	07:00	244°	+47°	0 dB	0°	244°	+47°	276°	+19°	2.6dB	335°K	362417	-166 Hz
2026-04-18 Saturday	07:30	251°	+42°	0 dB	0°	251°	+42°	283°	+19°	2.6dB	337°K	362385	-193 Hz
2026-04-18 Saturday	08:00	257°	+37°	0 dB	0°	257°	+37°	290°	+19°	2.6dB	339°K	362352	-215 Hz
2026-04-18 Saturday	08:30	263°	+32°	0 dB	0°	263°	+32°	298°	+19°	2.6dB	340°K	362321	-233 Hz
2026-04-18 Saturday	09:00	269°	+27°	0 dB	0°	269°	+27°	305°	+19°	2.6dB	342°K	362290	-248 Hz
2026-04-18 Saturday	09:30	274°	+22°	0 dB	0°	274°	+22°	312°	+19°	2.7dB	344°K	362260	-257 Hz
2026-04-18 Saturday	10:00	279°	+18°	0 dB	0°	279°	+18°	319°	+20°	2.7dB	346°K	362230	-263 Hz
2026-04-18 Saturday	10:30	284°	+13°	0 dB	0°	284°	+13°	327°	+20°	2.7dB	348°K	362202	-263 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-18 Saturday	11:00	289°	+8°	0 dB	0°	289°	+8°	334°	+20°	2.7dB	348°K	362174	-260 Hz
2026-04-18 Saturday	11:30	294°	+3°	0 dB	0°	294°	+3°	341°	+20°	2.7dB	349°K	362146	-251 Hz
2026-04-18 Saturday	21:30	060°	+1°	0 dB	0°	060°	+1°	125°	+22°	2.9dB	367°K	361746	+269 Hz
2026-04-18 Saturday	22:00	065°	+6°	0 dB	0°	065°	+6°	132°	+22°	2.9dB	368°K	361733	+279 Hz
2026-04-18 Saturday	22:30	070°	+10°	0 dB	0°	070°	+10°	140°	+22°	2.9dB	369°K	361721	+286 Hz
2026-04-18 Saturday	23:00	075°	+15°	0 dB	0°	075°	+15°	147°	+22°	2.9dB	368°K	361710	+288 Hz
2026-04-18 Saturday	23:30	079°	+20°	0 dB	0°	079°	+20°	154°	+22°	2.9dB	367°K	361699	+286 Hz
2026-04-19 Sunday	00:00	084°	+25°	0 dB	0°	084°	+25°	161°	+22°	2.9dB	366°K	361689	+279 Hz
2026-04-19 Sunday	00:30	089°	+30°	0 dB	0°	089°	+30°	168°	+22°	2.8dB	365°K	361680	+268 Hz
2026-04-19 Sunday	01:00	094°	+35°	0 dB	0°	094°	+35°	176°	+23°	2.8dB	365°K	361672	+253 Hz
2026-04-19 Sunday	01:30	100°	+41°	0 dB	0°	100°	+41°	183°	+23°	2.8dB	364°K	361664	+234 Hz
2026-04-19 Sunday	02:00	106°	+45°	0 dB	0°	106°	+45°	190°	+23°	2.8dB	363°K	361657	+211 Hz
2026-04-19 Sunday	02:30	113°	+50°	0 dB	0°	113°	+50°	197°	+23°	2.8dB	362°K	361650	+184 Hz
2026-04-19 Sunday	03:00	121°	+55°	0 dB	0°	121°	+55°	204°	+23°	2.8dB	361°K	361644	+155 Hz
2026-04-19 Sunday	03:30	131°	+59°	0 dB	0°	131°	+59°	212°	+23°	2.8dB	360°K	361639	+123 Hz
2026-04-19 Sunday	04:00	143°	+63°	0 dB	0°	143°	+63°	219°	+23°	2.8dB	359°K	361635	+89 Hz
2026-04-19 Sunday	04:30	157°	+65°	0 dB	0°	157°	+65°	226°	+23°	2.8dB	358°K	361631	+54 Hz
2026-04-19 Sunday	05:00	173°	+67°	0 dB	0°	173°	+67°	233°	+23°	2.8dB	357°K	361628	+18 Hz
2026-04-19 Sunday	05:30	190°	+67°	0 dB	0°	190°	+67°	240°	+23°	2.8dB	356°K	361625	-18 Hz
2026-04-19 Sunday	06:00	206°	+65°	0 dB	0°	206°	+65°	248°	+23°	2.7dB	355°K	361624	-54 Hz
2026-04-19 Sunday	06:30	220°	+62°	0 dB	0°	220°	+62°	255°	+24°	2.7dB	354°K	361623	-89 Hz
2026-04-19 Sunday	07:00	232°	+59°	0 dB	0°	232°	+59°	262°	+24°	2.7dB	353°K	361622	-122 Hz
2026-04-19 Sunday	07:30	241°	+55°	0 dB	0°	241°	+55°	269°	+24°	2.7dB	352°K	361623	-152 Hz
2026-04-19 Sunday	08:00	249°	+50°	0 dB	0°	249°	+50°	276°	+24°	2.7dB	351°K	361624	-181 Hz
2026-04-19 Sunday	08:30	256°	+45°	0 dB	0°	256°	+45°	283°	+24°	2.7dB	350°K	361625	-206 Hz
2026-04-19 Sunday	09:00	262°	+40°	0 dB	0°	262°	+40°	291°	+24°	2.7dB	350°K	361628	-227 Hz
2026-04-19 Sunday	09:30	268°	+36°	0 dB	0°	268°	+36°	298°	+24°	2.7dB	349°K	361631	-245 Hz
2026-04-19 Sunday	10:00	273°	+31°	0 dB	0°	273°	+31°	305°	+24°	2.7dB	348°K	361635	-259 Hz
2026-04-19 Sunday	10:30	278°	+26°	0 dB	0°	278°	+26°	312°	+24°	2.7dB	348°K	361639	-268 Hz
2026-04-19 Sunday	11:00	283°	+21°	0 dB	0°	283°	+21°	319°	+24°	2.7dB	349°K	361644	-273 Hz
2026-04-19 Sunday	11:30	288°	+16°	0 dB	0°	288°	+16°	327°	+24°	2.7dB	350°K	361650	-274 Hz
2026-04-19 Sunday	12:00	293°	+11°	0 dB	0°	293°	+11°	334°	+24°	2.7dB	351°K	361656	-270 Hz
2026-04-19 Sunday	12:30	297°	+7°	0 dB	0°	297°	+7°	341°	+25°	2.7dB	352°K	361663	-262 Hz
2026-04-19 Sunday	13:00	302°	+3°	0 dB	0°	302°	+3°	348°	+25°	2.7dB	353°K	361671	-251 Hz
2026-04-19 Sunday	22:00	052°	+0°	0 dB	0°	052°	+0°	118°	+26°	2.9dB	371°K	361922	+226 Hz
2026-04-19 Sunday	22:30	057°	+4°	0 dB	0°	057°	+4°	125°	+26°	2.9dB	372°K	361942	+241 Hz
2026-04-19 Sunday	23:00	062°	+8°	0 dB	0°	062°	+8°	132°	+26°	3.0dB	374°K	361963	+251 Hz
2026-04-19 Sunday	23:30	067°	+13°	0 dB	0°	067°	+13°	139°	+26°	3.0dB	375°K	361984	+258 Hz
2026-04-20 Monday	00:00	071°	+18°	0 dB	0°	071°	+18°	146°	+26°	3.0dB	377°K	362006	+260 Hz
2026-04-20 Monday	00:30	076°	+23°	0 dB	0°	076°	+23°	153°	+26°	3.0dB	378°K	362029	+258 Hz
2026-04-20 Monday	01:00	081°	+28°	0 dB	0°	081°	+28°	161°	+26°	3.0dB	379°K	362052	+252 Hz
2026-04-20 Monday	01:30	085°	+33°	0 dB	0°	085°	+33°	168°	+26°	3.0dB	381°K	362076	+242 Hz
2026-04-20 Monday	02:00	090°	+38°	0 dB	0°	090°	+38°	175°	+26°	3.0dB	382°K	362100	+228 Hz
2026-04-20 Monday	02:30	096°	+43°	0 dB	0°	096°	+43°	182°	+26°	3.0dB	383°K	362125	+210 Hz
2026-04-20 Monday	03:00	102°	+48°	0 dB	0°	102°	+48°	189°	+26°	3.1dB	385°K	362151	+188 Hz
2026-04-20 Monday	03:30	108°	+53°	0 dB	0°	108°	+53°	197°	+26°	3.1dB	386°K	362177	+162 Hz
2026-04-20 Monday	04:00	116°	+57°	0 dB	0°	116°	+57°	204°	+27°	3.1dB	388°K	362204	+134 Hz
2026-04-20 Monday	04:30	126°	+62°	0 dB	0°	126°	+62°	211°	+27°	3.1dB	389°K	362232	+104 Hz
2026-04-20 Monday	05:00	138°	+65°	0 dB	0°	138°	+65°	218°	+27°	3.1dB	390°K	362260	+71 Hz
2026-04-20 Monday	05:30	153°	+68°	0 dB	0°	153°	+68°	225°	+27°	3.1dB	392°K	362288	+37 Hz
2026-04-20 Monday	06:00	170°	+70°	0 dB	0°	170°	+70°	232°	+27°	3.2dB	393°K	362318	+2 Hz
2026-04-20 Monday	06:30	190°	+70°	0 dB	0°	190°	+70°	240°	+27°	3.2dB	394°K	362348	-33 Hz
2026-04-20 Monday	07:00	208°	+68°	0 dB	0°	208°	+68°	247°	+27°	3.2dB	396°K	362378	-67 Hz
2026-04-20 Monday	07:30	223°	+66°	0 dB	0°	223°	+66°	254°	+27°	3.2dB	397°K	362409	-101 Hz
2026-04-20 Monday	08:00	235°	+62°	0 dB	0°	235°	+62°	261°	+27°	3.2dB	399°K	362441	-133 Hz
2026-04-20 Monday	08:30	244°	+58°	0 dB	0°	244°	+58°	268°	+27°	3.2dB	400°K	362473	-163 Hz
2026-04-20 Monday	09:00	252°	+53°	0 dB	0°	252°	+53°	276°	+27°	3.2dB	402°K	362506	-191 Hz
2026-04-20 Monday	09:30	259°	+48°	0 dB	0°	259°	+48°	283°	+27°	3.3dB	403°K	362540	-216 Hz
2026-04-20 Monday	10:00	265°	+43°	0 dB	0°	265°	+43°	290°	+27°	3.3dB	405°K	362574	-237 Hz
2026-04-20 Monday	10:30	270°	+38°	0 dB	0°	270°	+38°	297°	+27°	3.3dB	406°K	362608	-255 Hz
2026-04-20 Monday	11:00	275°	+33°	0 dB	0°	275°	+33°	304°	+27°	3.3dB	408°K	362643	-269 Hz
2026-04-20 Monday	11:30	280°	+28°	0 dB	0°	280°	+28°	311°	+27°	3.3dB	410°K	362679	-278 Hz
2026-04-20 Monday	12:00	285°	+23°	0 dB	0°	285°	+23°	319°	+27°	3.3dB	411°K	362715	-284 Hz
2026-04-20 Monday	12:30	290°	+19°	0 dB	0°	290°	+19°	326°	+27°	3.4dB	413°K	362752	-285 Hz
2026-04-20 Monday	13:00	294°	+14°	0 dB	0°	294°	+14°	333°	+27°	3.4dB	414°K	362790	-282 Hz
2026-04-20 Monday	13:30	299°	+10°	0 dB	0°	299°	+10°	340°	+27°	3.4dB	416°K	362828	-275 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-20 Monday	14:00	304°	+5°	0 dB	0°	304°	+5°	347°	+27°	3.4dB	418°K	362867	-265 Hz
2026-04-20 Monday	14:30	309°	+1°	0 dB	0°	309°	+1°	355°	+27°	3.4dB	419°K	362906	-250 Hz
2026-04-20 Monday	23:00	050°	+1°	0 dB	0°	050°	+1°	116°	+28°	3.8dB	457°K	363654	+202 Hz
2026-04-20 Monday	23:30	055°	+5°	0 dB	0°	055°	+5°	124°	+28°	3.8dB	460°K	363703	+217 Hz
2026-04-21 Tuesday	00:00	060°	+9°	0 dB	0°	060°	+9°	131°	+28°	3.8dB	463°K	363752	+228 Hz
2026-04-21 Tuesday	00:30	065°	+14°	0 dB	0°	065°	+14°	138°	+28°	3.9dB	466°K	363802	+235 Hz
2026-04-21 Tuesday	01:00	069°	+18°	0 dB	0°	069°	+18°	145°	+28°	3.9dB	469°K	363853	+239 Hz
2026-04-21 Tuesday	01:30	074°	+23°	0 dB	0°	074°	+23°	152°	+28°	3.9dB	472°K	363903	+238 Hz
2026-04-21 Tuesday	02:00	078°	+28°	0 dB	0°	078°	+28°	160°	+28°	4.0dB	475°K	363955	+233 Hz
2026-04-21 Tuesday	02:30	083°	+33°	0 dB	0°	083°	+33°	167°	+28°	4.0dB	478°K	364006	+223 Hz
2026-04-21 Tuesday	03:00	088°	+38°	0 dB	0°	088°	+38°	174°	+28°	4.0dB	481°K	364059	+210 Hz
2026-04-21 Tuesday	03:30	093°	+43°	0 dB	0°	093°	+43°	181°	+28°	4.0dB	484°K	364111	+193 Hz
2026-04-21 Tuesday	04:00	099°	+48°	0 dB	0°	099°	+48°	188°	+28°	4.1dB	487°K	364164	+172 Hz
2026-04-21 Tuesday	04:30	105°	+53°	0 dB	0°	105°	+53°	195°	+28°	4.1dB	490°K	364218	+148 Hz
2026-04-21 Tuesday	05:00	113°	+58°	0 dB	0°	113°	+58°	203°	+28°	4.1dB	493°K	364272	+121 Hz
2026-04-21 Tuesday	05:30	122°	+62°	0 dB	0°	122°	+62°	210°	+28°	4.1dB	496°K	364327	+92 Hz
2026-04-21 Tuesday	06:00	134°	+66°	0 dB	0°	134°	+66°	217°	+28°	4.2dB	499°K	364382	+60 Hz
2026-04-21 Tuesday	06:30	148°	+69°	0 dB	0°	148°	+69°	224°	+28°	4.2dB	500°K	364438	+27 Hz
2026-04-21 Tuesday	07:00	167°	+71°	0 dB	0°	167°	+71°	231°	+28°	4.2dB	500°K	364494	-7 Hz
2026-04-21 Tuesday	07:30	187°	+72°	0 dB	0°	187°	+72°	238°	+28°	4.2dB	500°K	364550	-42 Hz
2026-04-21 Tuesday	08:00	206°	+70°	0 dB	0°	206°	+70°	246°	+28°	4.2dB	500°K	364607	-76 Hz
2026-04-21 Tuesday	08:30	222°	+67°	0 dB	0°	222°	+67°	253°	+28°	4.2dB	500°K	364665	-109 Hz
2026-04-21 Tuesday	09:00	235°	+64°	0 dB	0°	235°	+64°	260°	+28°	4.2dB	500°K	364722	-142 Hz
2026-04-21 Tuesday	09:30	245°	+59°	0 dB	0°	245°	+59°	267°	+28°	4.2dB	500°K	364781	-172 Hz
2026-04-21 Tuesday	10:00	253°	+55°	0 dB	0°	253°	+55°	274°	+28°	4.2dB	500°K	364840	-200 Hz
2026-04-21 Tuesday	10:30	259°	+50°	0 dB	0°	259°	+50°	282°	+28°	4.2dB	500°K	364899	-225 Hz
2026-04-21 Tuesday	11:00	265°	+45°	0 dB	0°	265°	+45°	289°	+28°	4.2dB	500°K	364958	-247 Hz
2026-04-21 Tuesday	11:30	271°	+40°	0 dB	0°	271°	+40°	296°	+28°	4.2dB	500°K	365019	-265 Hz
2026-04-21 Tuesday	12:00	276°	+35°	0 dB	0°	276°	+35°	303°	+28°	4.2dB	500°K	365079	-279 Hz
2026-04-21 Tuesday	12:30	280°	+30°	0 dB	0°	280°	+30°	310°	+28°	4.2dB	500°K	365140	-290 Hz
2026-04-21 Tuesday	13:00	285°	+25°	0 dB	0°	285°	+25°	317°	+28°	4.2dB	500°K	365201	-296 Hz
2026-04-21 Tuesday	13:30	289°	+20°	0 dB	0°	289°	+20°	325°	+28°	4.2dB	500°K	365263	-298 Hz
2026-04-21 Tuesday	14:00	294°	+15°	0 dB	0°	294°	+15°	332°	+28°	4.2dB	500°K	365325	-296 Hz
2026-04-21 Tuesday	14:30	299°	+11°	0 dB	0°	299°	+11°	339°	+28°	4.2dB	500°K	365388	-290 Hz
2026-04-21 Tuesday	15:00	303°	+7°	0 dB	0°	303°	+7°	346°	+28°	4.2dB	500°K	365451	-280 Hz
2026-04-21 Tuesday	15:30	308°	+3°	0 dB	0°	308°	+3°	353°	+28°	4.2dB	500°K	365514	-266 Hz
2026-04-22 Wednesday	00:00	049°	+0°	0 dB	0°	049°	+0°	115°	+28°	3.8dB	445°K	366653	+186 Hz
2026-04-22 Wednesday	00:30	054°	+4°	0 dB	0°	054°	+4°	122°	+28°	3.8dB	441°K	366723	+202 Hz
2026-04-22 Wednesday	01:00	059°	+9°	0 dB	0°	059°	+9°	130°	+28°	3.8dB	437°K	366794	+214 Hz
2026-04-22 Wednesday	01:30	064°	+13°	0 dB	0°	064°	+13°	137°	+28°	3.7dB	433°K	366865	+222 Hz
2026-04-22 Wednesday	02:00	069°	+17°	0 dB	0°	069°	+17°	144°	+28°	3.7dB	429°K	366936	+226 Hz
2026-04-22 Wednesday	02:30	073°	+22°	0 dB	0°	073°	+22°	151°	+28°	3.7dB	425°K	367008	+226 Hz
2026-04-22 Wednesday	03:00	078°	+27°	0 dB	0°	078°	+27°	158°	+28°	3.6dB	421°K	367080	+222 Hz
2026-04-22 Wednesday	03:30	083°	+32°	0 dB	0°	083°	+32°	166°	+28°	3.6dB	417°K	367152	+214 Hz
2026-04-22 Wednesday	04:00	087°	+37°	0 dB	0°	087°	+37°	173°	+28°	3.6dB	413°K	367225	+201 Hz
2026-04-22 Wednesday	04:30	093°	+42°	0 dB	0°	093°	+42°	180°	+28°	3.6dB	411°K	367298	+185 Hz
2026-04-22 Wednesday	05:00	098°	+47°	0 dB	0°	098°	+47°	187°	+28°	3.5dB	409°K	367371	+165 Hz
2026-04-22 Wednesday	05:30	105°	+52°	0 dB	0°	105°	+52°	194°	+28°	3.5dB	407°K	367445	+141 Hz
2026-04-22 Wednesday	06:00	112°	+57°	0 dB	0°	112°	+57°	202°	+28°	3.5dB	405°K	367519	+115 Hz
2026-04-22 Wednesday	06:30	121°	+61°	0 dB	0°	121°	+61°	209°	+28°	3.5dB	403°K	367593	+86 Hz
2026-04-22 Wednesday	07:00	133°	+65°	0 dB	0°	133°	+65°	216°	+28°	3.5dB	401°K	367668	+54 Hz
2026-04-22 Wednesday	07:30	147°	+68°	0 dB	0°	147°	+68°	223°	+28°	3.5dB	399°K	367743	+21 Hz
2026-04-22 Wednesday	08:00	164°	+70°	0 dB	0°	164°	+70°	230°	+27°	3.5dB	397°K	367818	-13 Hz
2026-04-22 Wednesday	08:30	184°	+71°	0 dB	0°	184°	+71°	237°	+27°	3.4dB	395°K	367893	-48 Hz
2026-04-22 Wednesday	09:00	203°	+70°	0 dB	0°	203°	+70°	245°	+27°	3.4dB	394°K	367969	-82 Hz
2026-04-22 Wednesday	09:30	219°	+67°	0 dB	0°	219°	+67°	252°	+27°	3.4dB	392°K	368045	-116 Hz
2026-04-22 Wednesday	10:00	232°	+63°	0 dB	0°	232°	+63°	259°	+27°	3.4dB	390°K	368121	-149 Hz
2026-04-22 Wednesday	10:30	242°	+59°	0 dB	0°	242°	+59°	266°	+27°	3.4dB	388°K	368198	-180 Hz
2026-04-22 Wednesday	11:00	250°	+54°	0 dB	0°	250°	+54°	273°	+27°	3.4dB	386°K	368275	-208 Hz
2026-04-22 Wednesday	11:30	257°	+50°	0 dB	0°	257°	+50°	281°	+27°	3.4dB	384°K	368352	-234 Hz
2026-04-22 Wednesday	12:00	263°	+45°	0 dB	0°	263°	+45°	288°	+27°	3.3dB	382°K	368430	-257 Hz
2026-04-22 Wednesday	12:30	269°	+40°	0 dB	0°	269°	+40°	295°	+27°	3.3dB	380°K	368508	-276 Hz
2026-04-22 Wednesday	13:00	274°	+35°	0 dB	0°	274°	+35°	302°	+27°	3.3dB	378°K	368586	-291 Hz
2026-04-22 Wednesday	13:30	279°	+30°	0 dB	0°	279°	+30°	309°	+27°	3.3dB	376°K	368664	-302 Hz
2026-04-22 Wednesday	14:00	283°	+25°	0 dB	0°	283°	+25°	317°	+27°	3.3dB	374°K	368743	-309 Hz
2026-04-22 Wednesday	14:30	288°	+20°	0 dB	0°	288°	+20°	324°	+27°	3.3dB	372°K	368821	-312 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-22 Wednesday	15:00	292°	+15°	0 dB	0°	292°	+15°	331°	+27°	3.3dB	371°K	368901	-311 Hz
2026-04-22 Wednesday	15:30	297°	+10°	0 dB	0°	297°	+10°	338°	+27°	3.2dB	368°K	368980	-305 Hz
2026-04-22 Wednesday	16:00	302°	+6°	0 dB	0°	302°	+6°	345°	+27°	3.2dB	365°K	369060	-295 Hz
2026-04-22 Wednesday	16:30	307°	+2°	0 dB	0°	307°	+2°	352°	+27°	3.2dB	363°K	369139	-282 Hz
2026-04-23 Thursday	01:30	055°	+2°	0 dB	0°	055°	+2°	122°	+26°	2.7dB	312°K	370616	+197 Hz
2026-04-23 Thursday	02:00	060°	+7°	0 dB	0°	060°	+7°	129°	+26°	2.7dB	309°K	370700	+210 Hz
2026-04-23 Thursday	02:30	065°	+11°	0 dB	0°	065°	+11°	136°	+26°	2.6dB	306°K	370784	+218 Hz
2026-04-23 Thursday	03:00	070°	+16°	0 dB	0°	070°	+16°	144°	+26°	2.6dB	303°K	370869	+223 Hz
2026-04-23 Thursday	03:30	075°	+20°	0 dB	0°	075°	+20°	151°	+26°	2.6dB	300°K	370953	+224 Hz
2026-04-23 Thursday	04:00	080°	+25°	0 dB	0°	080°	+25°	158°	+25°	2.5dB	297°K	371038	+220 Hz
2026-04-23 Thursday	04:30	084°	+30°	0 dB	0°	084°	+30°	165°	+25°	2.5dB	294°K	371123	+212 Hz
2026-04-23 Thursday	05:00	090°	+35°	0 dB	0°	090°	+35°	172°	+25°	2.5dB	290°K	371208	+200 Hz
2026-04-23 Thursday	05:30	095°	+40°	0 dB	0°	095°	+40°	180°	+25°	2.4dB	287°K	371293	+183 Hz
2026-04-23 Thursday	06:00	101°	+45°	0 dB	0°	101°	+45°	187°	+25°	2.4dB	284°K	371379	+163 Hz
2026-04-23 Thursday	06:30	108°	+50°	0 dB	0°	108°	+50°	194°	+25°	2.3dB	280°K	371465	+139 Hz
2026-04-23 Thursday	07:00	115°	+55°	0 dB	0°	115°	+55°	201°	+25°	2.3dB	277°K	371550	+112 Hz
2026-04-23 Thursday	07:30	124°	+59°	0 dB	0°	124°	+59°	208°	+25°	2.3dB	274°K	371636	+82 Hz
2026-04-23 Thursday	08:00	136°	+63°	0 dB	0°	136°	+63°	216°	+25°	2.2dB	271°K	371722	+50 Hz
2026-04-23 Thursday	08:30	149°	+66°	0 dB	0°	149°	+66°	223°	+25°	2.2dB	267°K	371809	+16 Hz
2026-04-23 Thursday	09:00	165°	+68°	0 dB	0°	165°	+68°	230°	+25°	2.2dB	264°K	371895	-19 Hz
2026-04-23 Thursday	09:30	183°	+68°	0 dB	0°	183°	+68°	237°	+25°	2.1dB	261°K	371982	-54 Hz
2026-04-23 Thursday	10:00	200°	+67°	0 dB	0°	200°	+67°	245°	+25°	2.1dB	258°K	372068	-90 Hz
2026-04-23 Thursday	10:30	216°	+65°	0 dB	0°	216°	+65°	252°	+25°	2.0dB	254°K	372155	-124 Hz
2026-04-23 Thursday	11:00	228°	+61°	0 dB	0°	228°	+61°	259°	+25°	2.0dB	251°K	372242	-158 Hz
2026-04-23 Thursday	11:30	238°	+57°	0 dB	0°	238°	+57°	266°	+24°	2.0dB	248°K	372329	-190 Hz
2026-04-23 Thursday	12:00	247°	+52°	0 dB	0°	247°	+52°	273°	+24°	1.9dB	245°K	372416	-219 Hz
2026-04-23 Thursday	12:30	254°	+48°	0 dB	0°	254°	+48°	281°	+24°	1.9dB	241°K	372504	-246 Hz
2026-04-23 Thursday	13:00	260°	+43°	0 dB	0°	260°	+43°	288°	+24°	1.8dB	238°K	372591	-269 Hz
2026-04-23 Thursday	13:30	266°	+38°	0 dB	0°	266°	+38°	295°	+24°	1.8dB	235°K	372679	-289 Hz
2026-04-23 Thursday	14:00	271°	+33°	0 dB	0°	271°	+33°	302°	+24°	1.7dB	232°K	372767	-304 Hz
2026-04-23 Thursday	14:30	276°	+27°	0 dB	0°	276°	+27°	309°	+24°	1.7dB	228°K	372854	-316 Hz
2026-04-23 Thursday	15:00	281°	+22°	0 dB	0°	281°	+22°	317°	+24°	1.7dB	226°K	372942	-323 Hz
2026-04-23 Thursday	15:30	286°	+18°	0 dB	0°	286°	+18°	324°	+24°	1.6dB	225°K	373031	-326 Hz
2026-04-23 Thursday	16:00	290°	+13°	0 dB	0°	290°	+13°	331°	+24°	1.6dB	223°K	373119	-324 Hz
2026-04-23 Thursday	16:30	295°	+8°	0 dB	0°	295°	+8°	338°	+24°	1.6dB	222°K	373207	-318 Hz
2026-04-23 Thursday	17:00	300°	+3°	0 dB	0°	300°	+3°	345°	+24°	1.6dB	221°K	373296	-308 Hz
2026-04-24 Friday	02:30	058°	-0°	0 dB	0°	058°	-0°	123°	+22°	1.4dB	202°K	374993	+201 Hz
2026-04-24 Friday	03:00	063°	+4°	0 dB	0°	063°	+4°	130°	+22°	1.4dB	201°K	375083	+214 Hz
2026-04-24 Friday	03:30	069°	+9°	0 dB	0°	069°	+9°	137°	+22°	1.3dB	200°K	375173	+223 Hz
2026-04-24 Friday	04:00	073°	+13°	0 dB	0°	073°	+13°	144°	+22°	1.3dB	198°K	375263	+228 Hz
2026-04-24 Friday	04:30	078°	+18°	0 dB	0°	078°	+18°	152°	+22°	1.3dB	197°K	375353	+228 Hz
2026-04-24 Friday	05:00	083°	+23°	0 dB	0°	083°	+23°	159°	+22°	1.3dB	196°K	375443	+224 Hz
2026-04-24 Friday	05:30	088°	+28°	0 dB	0°	088°	+28°	166°	+21°	1.3dB	195°K	375534	+215 Hz
2026-04-24 Friday	06:00	094°	+33°	0 dB	0°	094°	+33°	173°	+21°	1.3dB	194°K	375624	+202 Hz
2026-04-24 Friday	06:30	100°	+38°	0 dB	0°	100°	+38°	181°	+21°	1.3dB	193°K	375714	+185 Hz
2026-04-24 Friday	07:00	106°	+43°	0 dB	0°	106°	+43°	188°	+21°	1.2dB	192°K	375805	+163 Hz
2026-04-24 Friday	07:30	113°	+48°	0 dB	0°	113°	+48°	195°	+21°	1.2dB	191°K	375895	+138 Hz
2026-04-24 Friday	08:00	121°	+52°	0 dB	0°	121°	+52°	202°	+21°	1.2dB	190°K	375986	+110 Hz
2026-04-24 Friday	08:30	130°	+56°	0 dB	0°	130°	+56°	209°	+21°	1.2dB	189°K	376076	+79 Hz
2026-04-24 Friday	09:00	142°	+60°	0 dB	0°	142°	+60°	217°	+21°	1.2dB	188°K	376167	+45 Hz
2026-04-24 Friday	09:30	155°	+62°	0 dB	0°	155°	+62°	224°	+21°	1.2dB	187°K	376257	+10 Hz
2026-04-24 Friday	10:00	169°	+64°	0 dB	0°	169°	+64°	231°	+21°	1.2dB	186°K	376348	-26 Hz
2026-04-24 Friday	10:30	185°	+64°	0 dB	0°	185°	+64°	238°	+21°	1.1dB	185°K	376438	-63 Hz
2026-04-24 Friday	11:00	200°	+63°	0 dB	0°	200°	+63°	246°	+20°	1.1dB	184°K	376529	-100 Hz
2026-04-24 Friday	11:30	214°	+60°	0 dB	0°	214°	+60°	253°	+20°	1.1dB	183°K	376620	-135 Hz
2026-04-24 Friday	12:00	225°	+57°	0 dB	0°	225°	+57°	260°	+20°	1.1dB	182°K	376710	-170 Hz
2026-04-24 Friday	12:30	235°	+53°	0 dB	0°	235°	+53°	267°	+20°	1.1dB	181°K	376801	-202 Hz
2026-04-24 Friday	13:00	243°	+48°	0 dB	0°	243°	+48°	275°	+20°	1.1dB	180°K	376892	-232 Hz
2026-04-24 Friday	13:30	251°	+44°	0 dB	0°	251°	+44°	282°	+20°	1.1dB	179°K	376983	-259 Hz
2026-04-24 Friday	14:00	257°	+39°	0 dB	0°	257°	+39°	289°	+20°	1.1dB	178°K	377073	-283 Hz
2026-04-24 Friday	14:30	263°	+34°	0 dB	0°	263°	+34°	296°	+20°	1.0dB	177°K	377164	-302 Hz
2026-04-24 Friday	15:00	268°	+29°	0 dB	0°	268°	+29°	304°	+20°	1.0dB	177°K	377255	-318 Hz
2026-04-24 Friday	15:30	273°	+24°	0 dB	0°	273°	+24°	311°	+20°	1.0dB	176°K	377346	-329 Hz
2026-04-24 Friday	16:00	278°	+18°	0 dB	0°	278°	+18°	318°	+19°	1.0dB	175°K	377436	-335 Hz
2026-04-24 Friday	16:30	283°	+13°	0 dB	0°	283°	+13°	325°	+19°	1.0dB	174°K	377527	-337 Hz
2026-04-24 Friday	17:00	288°	+9°	0 dB	0°	288°	+9°	332°	+19°	1.0dB	174°K	377618	-334 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-24 Friday	17:30	293°	+4°	0 dB	0°	293°	+4°	340°	+19°	1.0dB	174°K	377709	-327 Hz
2026-04-25 Saturday	04:00	068°	+2°	0 dB	0°	068°	+2°	132°	+17°	1.2dB	181°K	379610	+224 Hz
2026-04-25 Saturday	04:30	073°	+6°	0 dB	0°	073°	+6°	139°	+17°	1.2dB	181°K	379700	+232 Hz
2026-04-25 Saturday	05:00	079°	+11°	0 dB	0°	079°	+11°	146°	+17°	1.2dB	181°K	379790	+236 Hz
2026-04-25 Saturday	05:30	084°	+16°	0 dB	0°	084°	+16°	154°	+17°	1.3dB	182°K	379880	+235 Hz
2026-04-25 Saturday	06:00	089°	+21°	0 dB	0°	089°	+21°	161°	+16°	1.3dB	182°K	379970	+229 Hz
2026-04-25 Saturday	06:30	094°	+26°	0 dB	0°	094°	+26°	168°	+16°	1.3dB	182°K	380060	+219 Hz
2026-04-25 Saturday	07:00	100°	+31°	0 dB	0°	100°	+31°	175°	+16°	1.3dB	182°K	380150	+204 Hz
2026-04-25 Saturday	07:30	106°	+36°	0 dB	0°	106°	+36°	183°	+16°	1.3dB	183°K	380240	+185 Hz
2026-04-25 Saturday	08:00	113°	+41°	0 dB	0°	113°	+41°	190°	+16°	1.3dB	183°K	380330	+162 Hz
2026-04-25 Saturday	08:30	120°	+45°	0 dB	0°	120°	+45°	197°	+16°	1.3dB	183°K	380420	+135 Hz
2026-04-25 Saturday	09:00	129°	+49°	0 dB	0°	129°	+49°	204°	+16°	1.3dB	183°K	380510	+105 Hz
2026-04-25 Saturday	09:30	138°	+53°	0 dB	0°	138°	+53°	212°	+16°	1.3dB	183°K	380599	+72 Hz
2026-04-25 Saturday	10:00	149°	+56°	0 dB	0°	149°	+56°	219°	+16°	1.3dB	183°K	380689	+37 Hz
2026-04-25 Saturday	10:30	162°	+58°	0 dB	0°	162°	+58°	226°	+15°	1.3dB	184°K	380778	0 Hz
2026-04-25 Saturday	11:00	175°	+59°	0 dB	0°	175°	+59°	233°	+15°	1.3dB	184°K	380868	-38 Hz
2026-04-25 Saturday	11:30	189°	+58°	0 dB	0°	189°	+58°	241°	+15°	1.3dB	184°K	380957	-76 Hz
2026-04-25 Saturday	12:00	202°	+57°	0 dB	0°	202°	+57°	248°	+15°	1.3dB	184°K	381047	-113 Hz
2026-04-25 Saturday	12:30	214°	+54°	0 dB	0°	214°	+54°	255°	+15°	1.3dB	184°K	381136	-150 Hz
2026-04-25 Saturday	13:00	224°	+51°	0 dB	0°	224°	+51°	262°	+15°	1.4dB	184°K	381225	-185 Hz
2026-04-25 Saturday	13:30	233°	+47°	0 dB	0°	233°	+47°	270°	+15°	1.4dB	184°K	381314	-218 Hz
2026-04-25 Saturday	14:00	241°	+43°	0 dB	0°	241°	+43°	277°	+15°	1.4dB	185°K	381404	-247 Hz
2026-04-25 Saturday	14:30	248°	+38°	0 dB	0°	248°	+38°	284°	+15°	1.4dB	185°K	381493	-274 Hz
2026-04-25 Saturday	15:00	254°	+33°	0 dB	0°	254°	+33°	292°	+14°	1.4dB	185°K	381582	-297 Hz
2026-04-25 Saturday	15:30	260°	+28°	0 dB	0°	260°	+28°	299°	+14°	1.4dB	185°K	381670	-315 Hz
2026-04-25 Saturday	16:00	266°	+23°	0 dB	0°	266°	+23°	306°	+14°	1.4dB	185°K	381759	-329 Hz
2026-04-25 Saturday	16:30	271°	+18°	0 dB	0°	271°	+18°	313°	+14°	1.4dB	185°K	381848	-339 Hz
2026-04-25 Saturday	17:00	276°	+13°	0 dB	0°	276°	+13°	321°	+14°	1.4dB	185°K	381937	-344 Hz
2026-04-25 Saturday	17:30	281°	+8°	0 dB	0°	281°	+8°	328°	+14°	1.4dB	186°K	382025	-344 Hz
2026-04-25 Saturday	18:00	286°	+3°	0 dB	0°	286°	+3°	335°	+14°	1.4dB	186°K	382114	-340 Hz
2026-04-26 Sunday	05:00	074°	-0°	0 dB	0°	074°	-0°	135°	+11°	1.6dB	192°K	384039	+237 Hz
2026-04-26 Sunday	05:30	080°	+4°	0 dB	0°	080°	+4°	142°	+11°	1.6dB	192°K	384125	+243 Hz
2026-04-26 Sunday	06:00	085°	+9°	0 dB	0°	085°	+9°	149°	+11°	1.6dB	192°K	384211	+245 Hz
2026-04-26 Sunday	06:30	090°	+14°	0 dB	0°	090°	+14°	157°	+11°	1.6dB	192°K	384298	+241 Hz
2026-04-26 Sunday	07:00	096°	+19°	0 dB	0°	096°	+19°	164°	+11°	1.7dB	193°K	384384	+233 Hz
2026-04-26 Sunday	07:30	101°	+24°	0 dB	0°	101°	+24°	171°	+11°	1.7dB	193°K	384470	+221 Hz
2026-04-26 Sunday	08:00	107°	+29°	0 dB	0°	107°	+29°	179°	+10°	1.7dB	193°K	384555	+204 Hz
2026-04-26 Sunday	08:30	114°	+34°	0 dB	0°	114°	+34°	186°	+10°	1.7dB	194°K	384641	+182 Hz
2026-04-26 Sunday	09:00	121°	+38°	0 dB	0°	121°	+38°	193°	+10°	1.7dB	194°K	384727	+157 Hz
2026-04-26 Sunday	09:30	128°	+42°	0 dB	0°	128°	+42°	200°	+10°	1.7dB	194°K	384812	+127 Hz
2026-04-26 Sunday	10:00	137°	+46°	0 dB	0°	137°	+46°	208°	+10°	1.7dB	194°K	384898	+95 Hz
2026-04-26 Sunday	10:30	147°	+49°	0 dB	0°	147°	+49°	215°	+10°	1.7dB	195°K	384983	+60 Hz
2026-04-26 Sunday	11:00	158°	+51°	0 dB	0°	158°	+51°	222°	+10°	1.7dB	195°K	385068	+23 Hz
2026-04-26 Sunday	11:30	169°	+52°	0 dB	0°	169°	+52°	229°	+10°	1.7dB	195°K	385153	-15 Hz
2026-04-26 Sunday	12:00	181°	+53°	0 dB	0°	181°	+53°	237°	+9°	1.7dB	196°K	385238	-54 Hz
2026-04-26 Sunday	12:30	193°	+52°	0 dB	0°	193°	+52°	244°	+9°	1.7dB	196°K	385323	-92 Hz
2026-04-26 Sunday	13:00	204°	+50°	0 dB	0°	204°	+50°	251°	+9°	1.7dB	196°K	385408	-130 Hz
2026-04-26 Sunday	13:30	215°	+48°	0 dB	0°	215°	+48°	259°	+9°	1.8dB	196°K	385493	-167 Hz
2026-04-26 Sunday	14:00	224°	+44°	0 dB	0°	224°	+44°	266°	+9°	1.8dB	197°K	385577	-202 Hz
2026-04-26 Sunday	14:30	232°	+40°	0 dB	0°	232°	+40°	273°	+9°	1.8dB	197°K	385662	-234 Hz
2026-04-26 Sunday	15:00	240°	+36°	0 dB	0°	240°	+36°	280°	+9°	1.8dB	197°K	385746	-263 Hz
2026-04-26 Sunday	15:30	246°	+31°	0 dB	0°	246°	+31°	288°	+9°	1.8dB	198°K	385830	-288 Hz
2026-04-26 Sunday	16:00	253°	+27°	0 dB	0°	253°	+27°	295°	+8°	1.8dB	198°K	385914	-309 Hz
2026-04-26 Sunday	16:30	258°	+22°	0 dB	0°	258°	+22°	302°	+8°	1.8dB	198°K	385998	-326 Hz
2026-04-26 Sunday	17:00	264°	+16°	0 dB	0°	264°	+16°	309°	+8°	1.8dB	198°K	386082	-338 Hz
2026-04-26 Sunday	17:30	269°	+11°	0 dB	0°	269°	+11°	317°	+8°	1.8dB	199°K	386166	-345 Hz
2026-04-26 Sunday	18:00	274°	+6°	0 dB	0°	274°	+6°	324°	+8°	1.8dB	199°K	386249	-348 Hz
2026-04-26 Sunday	18:30	279°	+1°	0 dB	0°	279°	+1°	331°	+8°	1.8dB	199°K	386333	-346 Hz
2026-04-27 Monday	06:30	087°	+3°	0 dB	0°	087°	+3°	146°	+5°	2.0dB	206°K	388298	+251 Hz
2026-04-27 Monday	07:00	092°	+8°	0 dB	0°	092°	+8°	153°	+5°	2.0dB	206°K	388378	+250 Hz
2026-04-27 Monday	07:30	097°	+12°	0 dB	0°	097°	+12°	161°	+5°	2.1dB	207°K	388458	+244 Hz
2026-04-27 Monday	08:00	103°	+17°	0 dB	0°	103°	+17°	168°	+4°	2.1dB	207°K	388538	+234 Hz
2026-04-27 Monday	08:30	109°	+22°	0 dB	0°	109°	+22°	175°	+4°	2.1dB	207°K	388618	+218 Hz
2026-04-27 Monday	09:00	115°	+27°	0 dB	0°	115°	+27°	182°	+4°	2.1dB	207°K	388698	+198 Hz
2026-04-27 Monday	09:30	122°	+31°	0 dB	0°	122°	+31°	190°	+4°	2.1dB	208°K	388777	+174 Hz
2026-04-27 Monday	10:00	129°	+35°	0 dB	0°	129°	+35°	197°	+4°	2.1dB	208°K	388857	+146 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-27 Monday	10:30	137°	+39°	0 dB	0°	137°	+39°	204°	+4°	2.1dB	208°K	388936	+115 Hz
2026-04-27 Monday	11:00	146°	+42°	0 dB	0°	146°	+42°	212°	+4°	2.1dB	208°K	389015	+81 Hz
2026-04-27 Monday	11:30	155°	+44°	0 dB	0°	155°	+44°	219°	+4°	2.1dB	209°K	389094	+44 Hz
2026-04-27 Monday	12:00	166°	+46°	0 dB	0°	166°	+46°	226°	+3°	2.1dB	209°K	389173	+6 Hz
2026-04-27 Monday	12:30	176°	+46°	0 dB	0°	176°	+46°	233°	+3°	2.1dB	209°K	389252	-33 Hz
2026-04-27 Monday	13:00	187°	+46°	0 dB	0°	187°	+46°	241°	+3°	2.2dB	210°K	389331	-72 Hz
2026-04-27 Monday	13:30	197°	+45°	0 dB	0°	197°	+45°	248°	+3°	2.2dB	210°K	389409	-111 Hz
2026-04-27 Monday	14:00	207°	+43°	0 dB	0°	207°	+43°	255°	+3°	2.2dB	210°K	389487	-149 Hz
2026-04-27 Monday	14:30	216°	+40°	0 dB	0°	216°	+40°	263°	+3°	2.2dB	210°K	389566	-185 Hz
2026-04-27 Monday	15:00	224°	+37°	0 dB	0°	224°	+37°	270°	+3°	2.2dB	211°K	389644	-219 Hz
2026-04-27 Monday	15:30	232°	+33°	0 dB	0°	232°	+33°	277°	+3°	2.2dB	211°K	389722	-249 Hz
2026-04-27 Monday	16:00	239°	+29°	0 dB	0°	239°	+29°	284°	+2°	2.2dB	211°K	389799	-276 Hz
2026-04-27 Monday	16:30	245°	+24°	0 dB	0°	245°	+24°	292°	+2°	2.2dB	211°K	389877	-299 Hz
2026-04-27 Monday	17:00	251°	+19°	0 dB	0°	251°	+19°	299°	+2°	2.2dB	212°K	389954	-318 Hz
2026-04-27 Monday	17:30	257°	+14°	0 dB	0°	257°	+14°	306°	+2°	2.2dB	212°K	390032	-332 Hz
2026-04-27 Monday	18:00	262°	+9°	0 dB	0°	262°	+9°	314°	+2°	2.2dB	212°K	390109	-341 Hz
2026-04-27 Monday	18:30	268°	+4°	0 dB	0°	268°	+4°	321°	+2°	2.2dB	213°K	390186	-346 Hz
2026-04-28 Tuesday	07:30	094°	+1°	0 dB	0°	094°	+1°	150°	-1°	2.9dB	251°K	392140	+255 Hz
2026-04-28 Tuesday	08:00	099°	+6°	0 dB	0°	099°	+6°	158°	-2°	2.9dB	252°K	392213	+251 Hz
2026-04-28 Tuesday	08:30	105°	+11°	0 dB	0°	105°	+11°	165°	-2°	2.9dB	254°K	392286	+242 Hz
2026-04-28 Tuesday	09:00	111°	+16°	0 dB	0°	111°	+16°	172°	-2°	3.0dB	255°K	392359	+228 Hz
2026-04-28 Tuesday	09:30	117°	+20°	0 dB	0°	117°	+20°	179°	-2°	3.0dB	257°K	392432	+210 Hz
2026-04-28 Tuesday	10:00	123°	+24°	0 dB	0°	123°	+24°	187°	-2°	3.0dB	258°K	392504	+188 Hz
2026-04-28 Tuesday	10:30	130°	+28°	0 dB	0°	130°	+28°	194°	-2°	3.0dB	260°K	392577	+161 Hz
2026-04-28 Tuesday	11:00	137°	+32°	0 dB	0°	137°	+32°	201°	-2°	3.1dB	261°K	392649	+131 Hz
2026-04-28 Tuesday	11:30	145°	+35°	0 dB	0°	145°	+35°	209°	-2°	3.1dB	263°K	392721	+98 Hz
2026-04-28 Tuesday	12:00	154°	+37°	0 dB	0°	154°	+37°	216°	-3°	3.1dB	265°K	392793	+62 Hz
2026-04-28 Tuesday	12:30	163°	+39°	0 dB	0°	163°	+39°	223°	-3°	3.1dB	266°K	392865	+25 Hz
2026-04-28 Tuesday	13:00	173°	+40°	0 dB	0°	173°	+40°	230°	-3°	3.2dB	268°K	392937	-14 Hz
2026-04-28 Tuesday	13:30	182°	+40°	0 dB	0°	182°	+40°	238°	-3°	3.2dB	269°K	393008	-53 Hz
2026-04-28 Tuesday	14:00	192°	+39°	0 dB	0°	192°	+39°	245°	-3°	3.2dB	271°K	393080	-92 Hz
2026-04-28 Tuesday	14:30	201°	+38°	0 dB	0°	201°	+38°	252°	-3°	3.2dB	273°K	393151	-130 Hz
2026-04-28 Tuesday	15:00	210°	+36°	0 dB	0°	210°	+36°	260°	-3°	3.3dB	274°K	393222	-167 Hz
2026-04-28 Tuesday	15:30	218°	+33°	0 dB	0°	218°	+33°	267°	-3°	3.3dB	276°K	393293	-201 Hz
2026-04-28 Tuesday	16:00	225°	+29°	0 dB	0°	225°	+29°	274°	-4°	3.3dB	277°K	393364	-233 Hz
2026-04-28 Tuesday	16:30	232°	+25°	0 dB	0°	232°	+25°	281°	-4°	3.3dB	279°K	393435	-261 Hz
2026-04-28 Tuesday	17:00	239°	+21°	0 dB	0°	239°	+21°	289°	-4°	3.4dB	281°K	393505	-285 Hz
2026-04-28 Tuesday	17:30	245°	+16°	0 dB	0°	245°	+16°	296°	-4°	3.4dB	282°K	393575	-306 Hz
2026-04-28 Tuesday	18:00	250°	+12°	0 dB	0°	250°	+12°	303°	-4°	3.4dB	284°K	393646	-322 Hz
2026-04-28 Tuesday	18:30	256°	+7°	0 dB	0°	256°	+7°	311°	-4°	3.4dB	286°K	393716	-333 Hz
2026-04-28 Tuesday	19:00	261°	+2°	0 dB	0°	261°	+2°	318°	-4°	3.4dB	287°K	393786	-339 Hz
2026-04-29 Wednesday	08:30	101°	-0°	0 dB	0°	101°	-0°	155°	-8°	3.8dB	313°K	395615	+254 Hz
2026-04-29 Wednesday	09:00	107°	+4°	0 dB	0°	107°	+4°	162°	-8°	3.8dB	313°K	395681	+247 Hz
2026-04-29 Wednesday	09:30	112°	+9°	0 dB	0°	112°	+9°	169°	-8°	3.8dB	313°K	395746	+235 Hz
2026-04-29 Wednesday	10:00	118°	+14°	0 dB	0°	118°	+14°	177°	-8°	3.8dB	313°K	395811	+219 Hz
2026-04-29 Wednesday	10:30	124°	+18°	0 dB	0°	124°	+18°	184°	-8°	3.8dB	313°K	395877	+198 Hz
2026-04-29 Wednesday	11:00	131°	+22°	0 dB	0°	131°	+22°	191°	-8°	3.9dB	313°K	395942	+173 Hz
2026-04-29 Wednesday	11:30	138°	+25°	0 dB	0°	138°	+25°	198°	-8°	3.9dB	313°K	396006	+145 Hz
2026-04-29 Wednesday	12:00	145°	+28°	0 dB	0°	145°	+28°	206°	-8°	3.9dB	313°K	396071	+113 Hz
2026-04-29 Wednesday	12:30	153°	+31°	0 dB	0°	153°	+31°	213°	-8°	3.9dB	313°K	396136	+79 Hz
2026-04-29 Wednesday	13:00	161°	+33°	0 dB	0°	161°	+33°	220°	-9°	3.9dB	313°K	396200	+42 Hz
2026-04-29 Wednesday	13:30	170°	+34°	0 dB	0°	170°	+34°	228°	-9°	3.9dB	313°K	396264	+5 Hz
2026-04-29 Wednesday	14:00	179°	+34°	0 dB	0°	179°	+34°	235°	-9°	3.9dB	313°K	396328	-34 Hz
2026-04-29 Wednesday	14:30	187°	+34°	0 dB	0°	187°	+34°	242°	-9°	3.9dB	313°K	396392	-72 Hz
2026-04-29 Wednesday	15:00	196°	+33°	0 dB	0°	196°	+33°	249°	-9°	3.9dB	313°K	396456	-110 Hz
2026-04-29 Wednesday	15:30	204°	+31°	0 dB	0°	204°	+31°	257°	-9°	3.9dB	313°K	396519	-147 Hz
2026-04-29 Wednesday	16:00	212°	+28°	0 dB	0°	212°	+28°	264°	-9°	3.9dB	313°K	396583	-182 Hz
2026-04-29 Wednesday	16:30	219°	+25°	0 dB	0°	219°	+25°	271°	-9°	3.9dB	313°K	396646	-214 Hz
2026-04-29 Wednesday	17:00	226°	+22°	0 dB	0°	226°	+22°	279°	-10°	3.9dB	313°K	396709	-243 Hz
2026-04-29 Wednesday	17:30	233°	+18°	0 dB	0°	233°	+18°	286°	-10°	3.9dB	313°K	396772	-268 Hz
2026-04-29 Wednesday	18:00	239°	+13°	0 dB	0°	239°	+13°	293°	-10°	3.9dB	313°K	396835	-290 Hz
2026-04-29 Wednesday	18:30	244°	+9°	0 dB	0°	244°	+9°	300°	-10°	3.9dB	313°K	396897	-307 Hz
2026-04-29 Wednesday	19:00	250°	+4°	0 dB	0°	250°	+4°	308°	-10°	3.9dB	313°K	396960	-320 Hz
2026-04-30 Thursday	10:00	114°	+3°	0 dB	0°	114°	+3°	166°	-13°	3.9dB	304°K	398755	+239 Hz
2026-04-30 Thursday	10:30	119°	+7°	0 dB	0°	119°	+7°	174°	-13°	3.9dB	304°K	398813	+225 Hz
2026-04-30 Thursday	11:00	125°	+12°	0 dB	0°	125°	+12°	181°	-14°	3.9dB	304°K	398870	+206 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-04-30 Thursday	11:30	131°	+15°	0 dB	0°	131°	+15°	188°	-14°	3.9dB	305°K	398927	+183 Hz
2026-04-30 Thursday	12:00	138°	+19°	0 dB	0°	138°	+19°	195°	-14°	3.9dB	306°K	398983	+157 Hz
2026-04-30 Thursday	12:30	145°	+22°	0 dB	0°	145°	+22°	203°	-14°	3.9dB	306°K	399040	+127 Hz
2026-04-30 Thursday	13:00	152°	+25°	0 dB	0°	152°	+25°	210°	-14°	3.9dB	307°K	399096	+95 Hz
2026-04-30 Thursday	13:30	159°	+27°	0 dB	0°	159°	+27°	217°	-14°	3.9dB	308°K	399153	+60 Hz
2026-04-30 Thursday	14:00	167°	+28°	0 dB	0°	167°	+28°	225°	-14°	3.9dB	308°K	399209	+24 Hz
2026-04-30 Thursday	14:30	175°	+29°	0 dB	0°	175°	+29°	232°	-14°	4.0dB	309°K	399264	-13 Hz
2026-04-30 Thursday	15:00	183°	+29°	0 dB	0°	183°	+29°	239°	-14°	4.0dB	310°K	399320	-51 Hz
2026-04-30 Thursday	15:30	191°	+28°	0 dB	0°	191°	+28°	246°	-15°	4.0dB	310°K	399376	-88 Hz
2026-04-30 Thursday	16:00	199°	+26°	0 dB	0°	199°	+26°	254°	-15°	4.0dB	311°K	399431	-125 Hz
2026-04-30 Thursday	16:30	207°	+24°	0 dB	0°	207°	+24°	261°	-15°	4.0dB	312°K	399486	-159 Hz
2026-04-30 Thursday	17:00	214°	+22°	0 dB	0°	214°	+22°	268°	-15°	4.0dB	313°K	399541	-192 Hz
2026-04-30 Thursday	17:30	221°	+18°	0 dB	0°	221°	+18°	275°	-15°	4.0dB	313°K	399596	-221 Hz
2026-04-30 Thursday	18:00	227°	+15°	0 dB	0°	227°	+15°	283°	-15°	4.0dB	314°K	399650	-247 Hz
2026-04-30 Thursday	18:30	233°	+11°	0 dB	0°	233°	+11°	290°	-15°	4.0dB	315°K	399705	-270 Hz
2026-04-30 Thursday	19:00	239°	+7°	0 dB	0°	239°	+7°	297°	-15°	4.0dB	315°K	399759	-289 Hz
2026-04-30 Thursday	19:30	244°	+2°	0 dB	0°	244°	+2°	305°	-15°	4.1dB	316°K	399813	-303 Hz
2026-05-01 Friday	11:00	120°	+1°	0 dB	0°	120°	+1°	170°	-18°	4.4dB	345°K	401396	+230 Hz
2026-05-01 Friday	11:30	125°	+6°	0 dB	0°	125°	+6°	177°	-18°	4.5dB	347°K	401444	+213 Hz
2026-05-01 Friday	12:00	131°	+9°	0 dB	0°	131°	+9°	185°	-19°	4.5dB	348°K	401491	+193 Hz
2026-05-01 Friday	12:30	137°	+13°	0 dB	0°	137°	+13°	192°	-19°	4.5dB	349°K	401539	+169 Hz
2026-05-01 Friday	13:00	144°	+16°	0 dB	0°	144°	+16°	199°	-19°	4.5dB	350°K	401586	+142 Hz
2026-05-01 Friday	13:30	150°	+19°	0 dB	0°	150°	+19°	207°	-19°	4.5dB	351°K	401633	+112 Hz
2026-05-01 Friday	14:00	157°	+21°	0 dB	0°	157°	+21°	214°	-19°	4.5dB	352°K	401680	+79 Hz
2026-05-01 Friday	14:30	165°	+23°	0 dB	0°	165°	+23°	221°	-19°	4.5dB	353°K	401727	+45 Hz
2026-05-01 Friday	15:00	172°	+23°	0 dB	0°	172°	+23°	228°	-19°	4.6dB	355°K	401774	+9 Hz
2026-05-01 Friday	15:30	180°	+24°	0 dB	0°	180°	+24°	236°	-19°	4.6dB	356°K	401820	-27 Hz
2026-05-01 Friday	16:00	187°	+23°	0 dB	0°	187°	+23°	243°	-19°	4.6dB	357°K	401866	-64 Hz
2026-05-01 Friday	16:30	194°	+22°	0 dB	0°	194°	+22°	250°	-19°	4.6dB	358°K	401912	-99 Hz
2026-05-01 Friday	17:00	202°	+21°	0 dB	0°	202°	+21°	257°	-19°	4.6dB	359°K	401957	-134 Hz
2026-05-01 Friday	17:30	209°	+18°	0 dB	0°	209°	+18°	265°	-20°	4.6dB	360°K	402003	-166 Hz
2026-05-01 Friday	18:00	215°	+16°	0 dB	0°	215°	+16°	272°	-20°	4.6dB	361°K	402048	-196 Hz
2026-05-01 Friday	18:30	221°	+12°	0 dB	0°	221°	+12°	279°	-20°	4.7dB	362°K	402093	-223 Hz
2026-05-01 Friday	19:00	227°	+9°	0 dB	0°	227°	+9°	287°	-20°	4.7dB	363°K	402138	-247 Hz
2026-05-01 Friday	19:30	233°	+5°	0 dB	0°	233°	+5°	294°	-20°	4.7dB	364°K	402183	-267 Hz
2026-05-01 Friday	20:00	238°	+1°	0 dB	0°	238°	+1°	301°	-20°	4.7dB	365°K	402227	-283 Hz
2026-05-02 Saturday	12:00	125°	+0°	0 dB	0°	125°	+0°	174°	-23°	5.1dB	398°K	403528	+222 Hz
2026-05-02 Saturday	12:30	130°	+4°	0 dB	0°	130°	+4°	181°	-23°	5.1dB	398°K	403565	+204 Hz
2026-05-02 Saturday	13:00	136°	+8°	0 dB	0°	136°	+8°	188°	-23°	5.1dB	399°K	403601	+183 Hz
2026-05-02 Saturday	13:30	142°	+11°	0 dB	0°	142°	+11°	195°	-23°	5.1dB	400°K	403637	+158 Hz
2026-05-02 Saturday	14:00	148°	+14°	0 dB	0°	148°	+14°	203°	-23°	5.1dB	401°K	403673	+130 Hz
2026-05-02 Saturday	14:30	155°	+16°	0 dB	0°	155°	+16°	210°	-23°	5.1dB	402°K	403709	+100 Hz
2026-05-02 Saturday	15:00	162°	+18°	0 dB	0°	162°	+18°	217°	-23°	5.1dB	403°K	403745	+68 Hz
2026-05-02 Saturday	15:30	169°	+19°	0 dB	0°	169°	+19°	224°	-23°	5.1dB	404°K	403780	+34 Hz
2026-05-02 Saturday	16:00	176°	+20°	0 dB	0°	176°	+20°	232°	-23°	5.2dB	405°K	403815	-1 Hz
2026-05-02 Saturday	16:30	183°	+20°	0 dB	0°	183°	+20°	239°	-23°	5.2dB	406°K	403850	-36 Hz
2026-05-02 Saturday	17:00	190°	+19°	0 dB	0°	190°	+19°	246°	-23°	5.2dB	407°K	403884	-71 Hz
2026-05-02 Saturday	17:30	197°	+18°	0 dB	0°	197°	+18°	253°	-23°	5.2dB	407°K	403918	-105 Hz
2026-05-02 Saturday	18:00	204°	+16°	0 dB	0°	204°	+16°	261°	-23°	5.2dB	408°K	403952	-138 Hz
2026-05-02 Saturday	18:30	210°	+14°	0 dB	0°	210°	+14°	268°	-24°	5.2dB	409°K	403986	-168 Hz
2026-05-02 Saturday	19:00	216°	+11°	0 dB	0°	216°	+11°	275°	-24°	5.2dB	410°K	404020	-196 Hz
2026-05-02 Saturday	19:30	222°	+8°	0 dB	0°	222°	+8°	282°	-24°	5.2dB	411°K	404053	-220 Hz
2026-05-02 Saturday	20:00	228°	+4°	0 dB	0°	228°	+4°	290°	-24°	5.2dB	412°K	404086	-242 Hz
2026-05-02 Saturday	20:30	233°	+0°	0 dB	0°	233°	+0°	297°	-24°	5.2dB	413°K	404118	-259 Hz
2026-05-03 Sunday	13:30	134°	+3°	0 dB	0°	134°	+3°	184°	-26°	5.9dB	484°K	405064	+199 Hz
2026-05-03 Sunday	14:00	140°	+6°	0 dB	0°	140°	+6°	191°	-26°	5.9dB	489°K	405087	+177 Hz
2026-05-03 Sunday	14:30	146°	+9°	0 dB	0°	146°	+9°	198°	-26°	6.0dB	494°K	405109	+152 Hz
2026-05-03 Sunday	15:00	152°	+12°	0 dB	0°	152°	+12°	205°	-26°	6.0dB	498°K	405131	+124 Hz
2026-05-03 Sunday	15:30	158°	+14°	0 dB	0°	158°	+14°	213°	-26°	6.0dB	503°K	405153	+94 Hz
2026-05-03 Sunday	16:00	165°	+15°	0 dB	0°	165°	+15°	220°	-26°	6.1dB	508°K	405174	+62 Hz
2026-05-03 Sunday	16:30	172°	+16°	0 dB	0°	172°	+16°	227°	-26°	6.1dB	512°K	405196	+28 Hz
2026-05-03 Sunday	17:00	178°	+17°	0 dB	0°	178°	+17°	234°	-26°	6.1dB	517°K	405216	-6 Hz
2026-05-03 Sunday	17:30	185°	+17°	0 dB	0°	185°	+17°	242°	-26°	6.2dB	522°K	405237	-40 Hz
2026-05-03 Sunday	18:00	192°	+16°	0 dB	0°	192°	+16°	249°	-26°	6.2dB	527°K	405257	-73 Hz
2026-05-03 Sunday	18:30	199°	+14°	0 dB	0°	199°	+14°	256°	-26°	6.3dB	531°K	405277	-106 Hz
2026-05-03 Sunday	19:00	205°	+13°	0 dB	0°	205°	+13°	263°	-26°	6.3dB	536°K	405297	-137 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-03 Sunday	19:30	211°	+10°	0 dB	0°	211°	+10°	271°	-26°	6.3dB	541°K	405316	-165 Hz
2026-05-03 Sunday	20:00	217°	+7°	0 dB	0°	217°	+7°	278°	-26°	6.4dB	546°K	405335	-192 Hz
2026-05-03 Sunday	20:30	223°	+4°	0 dB	0°	223°	+4°	285°	-26°	6.4dB	550°K	405354	-214 Hz
2026-05-03 Sunday	21:00	228°	+0°	0 dB	0°	228°	+0°	292°	-26°	6.4dB	555°K	405372	-234 Hz
2026-05-04 Monday	14:30	137°	+2°	0 dB	0°	137°	+2°	186°	-28°	8.1dB	836°K	405801	+199 Hz
2026-05-04 Monday	15:00	143°	+6°	0 dB	0°	143°	+6°	193°	-28°	8.1dB	846°K	405807	+176 Hz
2026-05-04 Monday	15:30	148°	+9°	0 dB	0°	148°	+9°	200°	-28°	8.2dB	856°K	405812	+151 Hz
2026-05-04 Monday	16:00	155°	+11°	0 dB	0°	155°	+11°	208°	-28°	8.2dB	865°K	405817	+123 Hz
2026-05-04 Monday	16:30	161°	+13°	0 dB	0°	161°	+13°	215°	-28°	8.3dB	885°K	405822	+92 Hz
2026-05-04 Monday	17:00	167°	+14°	0 dB	0°	167°	+14°	222°	-28°	8.4dB	912°K	405827	+61 Hz
2026-05-04 Monday	17:30	174°	+15°	0 dB	0°	174°	+15°	229°	-28°	8.6dB	939°K	405831	+28 Hz
2026-05-04 Monday	18:00	181°	+15°	0 dB	0°	181°	+15°	237°	-28°	8.7dB	967°K	405834	-6 Hz
2026-05-04 Monday	18:30	187°	+15°	0 dB	0°	187°	+15°	244°	-28°	8.8dB	994°K	405838	-39 Hz
2026-05-04 Monday	19:00	194°	+14°	0 dB	0°	194°	+14°	251°	-28°	8.9dB	1021°K	405841	-72 Hz
2026-05-04 Monday	19:30	200°	+12°	0 dB	0°	200°	+12°	258°	-28°	9.0dB	1049°K	405843	-103 Hz
2026-05-04 Monday	20:00	206°	+10°	0 dB	0°	206°	+10°	266°	-28°	9.1dB	1076°K	405845	-133 Hz
2026-05-04 Monday	20:30	212°	+8°	0 dB	0°	212°	+8°	273°	-28°	9.2dB	1104°K	405847	-161 Hz
2026-05-04 Monday	21:00	218°	+5°	0 dB	0°	218°	+5°	280°	-28°	9.3dB	1131°K	405849	-185 Hz
2026-05-04 Monday	21:30	224°	+2°	0 dB	0°	224°	+2°	287°	-28°	9.4dB	1159°K	405850	-207 Hz
2026-05-05 Tuesday	15:00	134°	-0°	0 dB	0°	134°	-0°	181°	-28°	13.1dB	2784°K	405637	+223 Hz
2026-05-05 Tuesday	15:30	139°	+3°	0 dB	0°	139°	+3°	188°	-28°	13.2dB	2847°K	405624	+203 Hz
2026-05-05 Tuesday	16:00	145°	+6°	0 dB	0°	145°	+6°	195°	-28°	13.3dB	2910°K	405610	+180 Hz
2026-05-05 Tuesday	16:30	150°	+9°	0 dB	0°	150°	+9°	203°	-28°	13.4dB	2973°K	405595	+154 Hz
2026-05-05 Tuesday	17:00	156°	+11°	0 dB	0°	156°	+11°	210°	-28°	13.5dB	3036°K	405581	+126 Hz
2026-05-05 Tuesday	17:30	163°	+13°	0 dB	0°	163°	+13°	217°	-28°	13.5dB	3100°K	405565	+95 Hz
2026-05-05 Tuesday	18:00	169°	+14°	0 dB	0°	169°	+14°	224°	-28°	13.6dB	3163°K	405550	+63 Hz
2026-05-05 Tuesday	18:30	176°	+15°	0 dB	0°	176°	+15°	231°	-28°	13.7dB	3226°K	405534	+30 Hz
2026-05-05 Tuesday	19:00	182°	+15°	0 dB	0°	182°	+15°	239°	-28°	13.8dB	3289°K	405518	-3 Hz
2026-05-05 Tuesday	19:30	189°	+14°	0 dB	0°	189°	+14°	246°	-28°	13.8dB	3272°K	405501	-36 Hz
2026-05-05 Tuesday	20:00	196°	+13°	0 dB	0°	196°	+13°	253°	-28°	13.7dB	3227°K	405483	-69 Hz
2026-05-05 Tuesday	20:30	202°	+12°	0 dB	0°	202°	+12°	260°	-28°	13.7dB	3182°K	405466	-100 Hz
2026-05-05 Tuesday	21:00	208°	+10°	0 dB	0°	208°	+10°	268°	-28°	13.6dB	3136°K	405448	-129 Hz
2026-05-05 Tuesday	21:30	214°	+7°	0 dB	0°	214°	+7°	275°	-28°	13.5dB	3091°K	405429	-156 Hz
2026-05-05 Tuesday	22:00	220°	+4°	0 dB	0°	220°	+4°	282°	-28°	13.5dB	3046°K	405410	-180 Hz
2026-05-05 Tuesday	22:30	225°	+1°	0 dB	0°	225°	+1°	289°	-28°	13.4dB	3000°K	405390	-200 Hz
2026-05-06 Wednesday	16:00	135°	+1°	0 dB	0°	135°	+1°	183°	-27°	10.2dB	1424°K	404429	+233 Hz
2026-05-06 Wednesday	16:30	140°	+5°	0 dB	0°	140°	+5°	190°	-27°	10.1dB	1379°K	404394	+212 Hz
2026-05-06 Wednesday	17:00	146°	+8°	0 dB	0°	146°	+8°	197°	-27°	9.9dB	1335°K	404358	+188 Hz
2026-05-06 Wednesday	17:30	152°	+11°	0 dB	0°	152°	+11°	205°	-27°	9.8dB	1290°K	404321	+161 Hz
2026-05-06 Wednesday	18:00	158°	+13°	0 dB	0°	158°	+13°	212°	-27°	9.7dB	1245°K	404284	+131 Hz
2026-05-06 Wednesday	18:30	164°	+14°	0 dB	0°	164°	+14°	219°	-27°	9.5dB	1201°K	404247	+100 Hz
2026-05-06 Wednesday	19:00	171°	+15°	0 dB	0°	171°	+15°	226°	-27°	9.3dB	1156°K	404209	+67 Hz
2026-05-06 Wednesday	19:30	178°	+16°	0 dB	0°	178°	+16°	234°	-27°	9.2dB	1111°K	404170	+34 Hz
2026-05-06 Wednesday	20:00	185°	+16°	0 dB	0°	185°	+16°	241°	-27°	9.0dB	1067°K	404131	0 Hz
2026-05-06 Wednesday	20:30	191°	+15°	0 dB	0°	191°	+15°	248°	-27°	8.8dB	1022°K	404092	-33 Hz
2026-05-06 Wednesday	21:00	198°	+14°	0 dB	0°	198°	+14°	255°	-27°	8.6dB	978°K	404052	-66 Hz
2026-05-06 Wednesday	21:30	204°	+12°	0 dB	0°	204°	+12°	263°	-27°	8.5dB	933°K	404012	-97 Hz
2026-05-06 Wednesday	22:00	210°	+10°	0 dB	0°	210°	+10°	270°	-27°	8.3dB	888°K	403971	-126 Hz
2026-05-06 Wednesday	22:30	216°	+7°	0 dB	0°	216°	+7°	277°	-27°	8.1dB	862°K	403930	-152 Hz
2026-05-06 Wednesday	23:00	222°	+4°	0 dB	0°	222°	+4°	284°	-27°	8.1dB	850°K	403888	-175 Hz
2026-05-06 Wednesday	23:30	228°	+1°	0 dB	0°	228°	+1°	292°	-27°	8.0dB	837°K	403846	-195 Hz
2026-05-07 Thursday	16:30	130°	+1°	0 dB	0°	130°	+1°	178°	-25°	5.7dB	472°K	402131	+263 Hz
2026-05-07 Thursday	17:00	135°	+4°	0 dB	0°	135°	+4°	185°	-25°	5.6dB	467°K	402072	+245 Hz
2026-05-07 Thursday	17:30	141°	+8°	0 dB	0°	141°	+8°	193°	-25°	5.6dB	462°K	402013	+222 Hz
2026-05-07 Thursday	18:00	147°	+11°	0 dB	0°	147°	+11°	200°	-25°	5.5dB	456°K	401953	+196 Hz
2026-05-07 Thursday	18:30	153°	+13°	0 dB	0°	153°	+13°	207°	-25°	5.5dB	451°K	401893	+168 Hz
2026-05-07 Thursday	19:00	160°	+16°	0 dB	0°	160°	+16°	214°	-25°	5.4dB	445°K	401833	+137 Hz
2026-05-07 Thursday	19:30	166°	+17°	0 dB	0°	166°	+17°	222°	-25°	5.4dB	440°K	401771	+105 Hz
2026-05-07 Thursday	20:00	173°	+18°	0 dB	0°	173°	+18°	229°	-25°	5.3dB	434°K	401710	+71 Hz
2026-05-07 Thursday	20:30	180°	+18°	0 dB	0°	180°	+18°	236°	-25°	5.3dB	429°K	401648	+36 Hz
2026-05-07 Thursday	21:00	187°	+18°	0 dB	0°	187°	+18°	243°	-24°	5.2dB	424°K	401585	+2 Hz
2026-05-07 Thursday	21:30	194°	+17°	0 dB	0°	194°	+17°	251°	-24°	5.2dB	418°K	401522	-32 Hz
2026-05-07 Thursday	22:00	201°	+16°	0 dB	0°	201°	+16°	258°	-24°	5.1dB	413°K	401459	-65 Hz
2026-05-07 Thursday	22:30	207°	+14°	0 dB	0°	207°	+14°	265°	-24°	5.1dB	407°K	401395	-96 Hz
2026-05-07 Thursday	23:00	214°	+11°	0 dB	0°	214°	+11°	272°	-24°	5.0dB	402°K	401330	-125 Hz
2026-05-07 Thursday	23:30	220°	+8°	0 dB	0°	220°	+8°	280°	-24°	5.0dB	397°K	401265	-151 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-08 Friday	00:00	225°	+5°	0 dB	0°	225°	+5°	287°	-24°	4.9dB	391°K	401200	-174 Hz
2026-05-08 Friday	00:30	231°	+1°	0 dB	0°	231°	+1°	294°	-24°	4.9dB	386°K	401134	-193 Hz
2026-05-08 Friday	17:00	125°	+1°	0 dB	0°	125°	+1°	174°	-22°	4.1dB	326°K	398696	+294 Hz
2026-05-08 Friday	17:30	130°	+5°	0 dB	0°	130°	+5°	181°	-22°	4.1dB	326°K	398614	+277 Hz
2026-05-08 Friday	18:00	136°	+9°	0 dB	0°	136°	+9°	188°	-21°	4.1dB	326°K	398532	+256 Hz
2026-05-08 Friday	18:30	142°	+12°	0 dB	0°	142°	+12°	196°	-21°	4.1dB	326°K	398450	+231 Hz
2026-05-08 Friday	19:00	148°	+15°	0 dB	0°	148°	+15°	203°	-21°	4.1dB	326°K	398366	+204 Hz
2026-05-08 Friday	19:30	154°	+18°	0 dB	0°	154°	+18°	210°	-21°	4.1dB	326°K	398283	+173 Hz
2026-05-08 Friday	20:00	161°	+20°	0 dB	0°	161°	+20°	217°	-21°	4.1dB	326°K	398199	+141 Hz
2026-05-08 Friday	20:30	168°	+21°	0 dB	0°	168°	+21°	225°	-21°	4.1dB	326°K	398114	+106 Hz
2026-05-08 Friday	21:00	176°	+22°	0 dB	0°	176°	+22°	232°	-21°	4.1dB	326°K	398030	+71 Hz
2026-05-08 Friday	21:30	183°	+22°	0 dB	0°	183°	+22°	239°	-21°	4.1dB	326°K	397944	+35 Hz
2026-05-08 Friday	22:00	190°	+22°	0 dB	0°	190°	+22°	246°	-21°	4.1dB	326°K	397858	0 Hz
2026-05-08 Friday	22:30	198°	+20°	0 dB	0°	198°	+20°	254°	-21°	4.1dB	326°K	397772	-35 Hz
2026-05-08 Friday	23:00	205°	+19°	0 dB	0°	205°	+19°	261°	-21°	4.1dB	326°K	397685	-68 Hz
2026-05-08 Friday	23:30	211°	+16°	0 dB	0°	211°	+16°	268°	-21°	4.1dB	326°K	397598	-100 Hz
2026-05-09 Saturday	00:00	218°	+14°	0 dB	0°	218°	+14°	275°	-20°	4.1dB	326°K	397511	-128 Hz
2026-05-09 Saturday	00:30	224°	+10°	0 dB	0°	224°	+10°	283°	-20°	4.1dB	326°K	397423	-154 Hz
2026-05-09 Saturday	01:00	230°	+7°	0 dB	0°	230°	+7°	290°	-20°	4.1dB	326°K	397334	-176 Hz
2026-05-09 Saturday	01:30	235°	+3°	0 dB	0°	235°	+3°	297°	-20°	4.1dB	326°K	397245	-195 Hz
2026-05-09 Saturday	17:30	119°	+2°	0 dB	0°	119°	+2°	170°	-17°	3.9dB	326°K	394176	+321 Hz
2026-05-09 Saturday	18:00	124°	+6°	0 dB	0°	124°	+6°	177°	-17°	3.9dB	326°K	394073	+306 Hz
2026-05-09 Saturday	18:30	130°	+11°	0 dB	0°	130°	+11°	184°	-17°	3.9dB	326°K	393970	+287 Hz
2026-05-09 Saturday	19:00	136°	+14°	0 dB	0°	136°	+14°	192°	-17°	3.9dB	326°K	393867	+263 Hz
2026-05-09 Saturday	19:30	142°	+18°	0 dB	0°	142°	+18°	199°	-17°	3.9dB	326°K	393763	+236 Hz
2026-05-09 Saturday	20:00	149°	+21°	0 dB	0°	149°	+21°	206°	-17°	3.9dB	326°K	393659	+207 Hz
2026-05-09 Saturday	20:30	156°	+23°	0 dB	0°	156°	+23°	213°	-17°	3.9dB	326°K	393554	+174 Hz
2026-05-09 Saturday	21:00	164°	+25°	0 dB	0°	164°	+25°	221°	-16°	3.9dB	326°K	393449	+139 Hz
2026-05-09 Saturday	21:30	171°	+26°	0 dB	0°	171°	+26°	228°	-16°	3.9dB	326°K	393344	+103 Hz
2026-05-09 Saturday	22:00	179°	+27°	0 dB	0°	179°	+27°	235°	-16°	3.9dB	326°K	393238	+66 Hz
2026-05-09 Saturday	22:30	187°	+27°	0 dB	0°	187°	+27°	242°	-16°	3.9dB	325°K	393132	+29 Hz
2026-05-09 Saturday	23:00	195°	+26°	0 dB	0°	195°	+26°	250°	-16°	3.8dB	324°K	393026	-7 Hz
2026-05-09 Saturday	23:30	202°	+24°	0 dB	0°	202°	+24°	257°	-16°	3.8dB	323°K	392919	-42 Hz
2026-05-10 Sunday	00:00	210°	+22°	0 dB	0°	210°	+22°	264°	-16°	3.8dB	322°K	392812	-76 Hz
2026-05-10 Sunday	00:30	217°	+19°	0 dB	0°	217°	+19°	272°	-16°	3.8dB	321°K	392704	-107 Hz
2026-05-10 Sunday	01:00	223°	+16°	0 dB	0°	223°	+16°	279°	-16°	3.8dB	320°K	392596	-135 Hz
2026-05-10 Sunday	01:30	229°	+13°	0 dB	0°	229°	+13°	286°	-16°	3.8dB	319°K	392488	-160 Hz
2026-05-10 Sunday	02:00	235°	+9°	0 dB	0°	235°	+9°	293°	-15°	3.8dB	318°K	392379	-182 Hz
2026-05-10 Sunday	02:30	241°	+5°	0 dB	0°	241°	+5°	301°	-15°	3.7dB	316°K	392270	-199 Hz
2026-05-10 Sunday	03:00	247°	+0°	0 dB	0°	247°	+0°	308°	-15°	3.7dB	315°K	392161	-211 Hz
2026-05-10 Sunday	18:00	113°	+4°	0 dB	0°	113°	+4°	166°	-12°	3.1dB	278°K	388727	+345 Hz
2026-05-10 Sunday	18:30	118°	+9°	0 dB	0°	118°	+9°	173°	-12°	3.1dB	277°K	388608	+331 Hz
2026-05-10 Sunday	19:00	124°	+13°	0 dB	0°	124°	+13°	181°	-12°	3.1dB	275°K	388489	+313 Hz
2026-05-10 Sunday	19:30	130°	+17°	0 dB	0°	130°	+17°	188°	-12°	3.0dB	273°K	388369	+291 Hz
2026-05-10 Sunday	20:00	136°	+21°	0 dB	0°	136°	+21°	195°	-11°	3.0dB	272°K	388249	+265 Hz
2026-05-10 Sunday	20:30	143°	+24°	0 dB	0°	143°	+24°	202°	-11°	3.0dB	270°K	388129	+236 Hz
2026-05-10 Sunday	21:00	151°	+27°	0 dB	0°	151°	+27°	210°	-11°	2.9dB	268°K	388008	+203 Hz
2026-05-10 Sunday	21:30	158°	+29°	0 dB	0°	158°	+29°	217°	-11°	2.9dB	266°K	387888	+168 Hz
2026-05-10 Sunday	22:00	166°	+31°	0 dB	0°	166°	+31°	224°	-11°	2.9dB	265°K	387767	+132 Hz
2026-05-10 Sunday	22:30	175°	+32°	0 dB	0°	175°	+32°	232°	-11°	2.9dB	263°K	387645	+94 Hz
2026-05-10 Sunday	23:00	183°	+32°	0 dB	0°	183°	+32°	239°	-11°	2.8dB	261°K	387524	+56 Hz
2026-05-10 Sunday	23:30	192°	+32°	0 dB	0°	192°	+32°	246°	-11°	2.8dB	260°K	387402	+18 Hz
2026-05-11 Monday	00:00	200°	+30°	0 dB	0°	200°	+30°	253°	-10°	2.8dB	258°K	387280	-19 Hz
2026-05-11 Monday	00:30	208°	+28°	0 dB	0°	208°	+28°	261°	-10°	2.7dB	256°K	387158	-55 Hz
2026-05-11 Monday	01:00	216°	+26°	0 dB	0°	216°	+26°	268°	-10°	2.7dB	254°K	387036	-88 Hz
2026-05-11 Monday	01:30	223°	+23°	0 dB	0°	223°	+23°	275°	-10°	2.7dB	253°K	386913	-119 Hz
2026-05-11 Monday	02:00	230°	+19°	0 dB	0°	230°	+19°	283°	-10°	2.7dB	251°K	386790	-146 Hz
2026-05-11 Monday	02:30	236°	+15°	0 dB	0°	236°	+15°	290°	-10°	2.6dB	249°K	386667	-170 Hz
2026-05-11 Monday	03:00	242°	+11°	0 dB	0°	242°	+11°	297°	-10°	2.6dB	248°K	386543	-189 Hz
2026-05-11 Monday	03:30	248°	+7°	0 dB	0°	248°	+7°	304°	-10°	2.6dB	246°K	386420	-204 Hz
2026-05-11 Monday	04:00	253°	+2°	0 dB	0°	253°	+2°	312°	-10°	2.5dB	244°K	386296	-215 Hz
2026-05-11 Monday	18:00	101°	+1°	0 dB	0°	101°	+1°	155°	-6°	2.4dB	243°K	382755	+368 Hz
2026-05-11 Monday	18:30	106°	+6°	0 dB	0°	106°	+6°	163°	-6°	2.4dB	243°K	382627	+361 Hz
2026-05-11 Monday	19:00	112°	+11°	0 dB	0°	112°	+11°	170°	-6°	2.3dB	243°K	382498	+349 Hz
2026-05-11 Monday	19:30	117°	+16°	0 dB	0°	117°	+16°	177°	-6°	2.3dB	243°K	382369	+333 Hz
2026-05-11 Monday	20:00	123°	+20°	0 dB	0°	123°	+20°	184°	-6°	2.3dB	243°K	382240	+312 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-11 Monday	20:30	130°	+24°	0 dB	0°	130°	+24°	192°	-5°	2.3dB	243°K	382111	+287 Hz
2026-05-11 Monday	21:00	137°	+28°	0 dB	0°	137°	+28°	199°	-5°	2.3dB	243°K	381982	+259 Hz
2026-05-11 Monday	21:30	144°	+31°	0 dB	0°	144°	+31°	206°	-5°	2.3dB	243°K	381853	+227 Hz
2026-05-11 Monday	22:00	152°	+34°	0 dB	0°	152°	+34°	214°	-5°	2.3dB	242°K	381724	+193 Hz
2026-05-11 Monday	22:30	161°	+36°	0 dB	0°	161°	+36°	221°	-5°	2.3dB	242°K	381595	+156 Hz
2026-05-11 Monday	23:00	170°	+38°	0 dB	0°	170°	+38°	228°	-5°	2.3dB	242°K	381465	+118 Hz
2026-05-11 Monday	23:30	179°	+38°	0 dB	0°	179°	+38°	235°	-5°	2.3dB	242°K	381336	+79 Hz
2026-05-12 Tuesday	00:00	188°	+38°	0 dB	0°	188°	+38°	243°	-5°	2.3dB	242°K	381206	+40 Hz
2026-05-12 Tuesday	00:30	198°	+37°	0 dB	0°	198°	+37°	250°	-4°	2.3dB	242°K	381077	+2 Hz
2026-05-12 Tuesday	01:00	206°	+35°	0 dB	0°	206°	+35°	257°	-4°	2.3dB	242°K	380947	-35 Hz
2026-05-12 Tuesday	01:30	215°	+33°	0 dB	0°	215°	+33°	264°	-4°	2.2dB	241°K	380817	-71 Hz
2026-05-12 Tuesday	02:00	223°	+30°	0 dB	0°	223°	+30°	272°	-4°	2.2dB	241°K	380687	-103 Hz
2026-05-12 Tuesday	02:30	230°	+26°	0 dB	0°	230°	+26°	279°	-4°	2.2dB	241°K	380558	-133 Hz
2026-05-12 Tuesday	03:00	237°	+22°	0 dB	0°	237°	+22°	286°	-4°	2.2dB	241°K	380428	-159 Hz
2026-05-12 Tuesday	03:30	243°	+18°	0 dB	0°	243°	+18°	294°	-4°	2.2dB	241°K	380298	-181 Hz
2026-05-12 Tuesday	04:00	249°	+14°	0 dB	0°	249°	+14°	301°	-3°	2.2dB	241°K	380168	-198 Hz
2026-05-12 Tuesday	04:30	255°	+9°	0 dB	0°	255°	+9°	308°	-3°	2.2dB	241°K	380038	-211 Hz
2026-05-12 Tuesday	05:00	260°	+4°	0 dB	0°	260°	+4°	315°	-3°	2.2dB	240°K	379908	-220 Hz
2026-05-12 Tuesday	18:30	094°	+3°	0 dB	0°	094°	+3°	152°	+0°	2.0dB	239°K	376403	+373 Hz
2026-05-12 Tuesday	19:00	099°	+8°	0 dB	0°	099°	+8°	159°	+1°	2.0dB	239°K	376274	+368 Hz
2026-05-12 Tuesday	19:30	104°	+13°	0 dB	0°	104°	+13°	166°	+1°	2.0dB	239°K	376145	+359 Hz
2026-05-12 Tuesday	20:00	110°	+18°	0 dB	0°	110°	+18°	173°	+1°	2.0dB	239°K	376016	+344 Hz
2026-05-12 Tuesday	20:30	116°	+23°	0 dB	0°	116°	+23°	181°	+1°	2.0dB	239°K	375887	+325 Hz
2026-05-12 Tuesday	21:00	122°	+28°	0 dB	0°	122°	+28°	188°	+1°	2.0dB	239°K	375758	+302 Hz
2026-05-12 Tuesday	21:30	129°	+32°	0 dB	0°	129°	+32°	195°	+1°	2.0dB	239°K	375630	+275 Hz
2026-05-12 Tuesday	22:00	137°	+36°	0 dB	0°	137°	+36°	203°	+1°	2.0dB	239°K	375502	+244 Hz
2026-05-12 Tuesday	22:30	145°	+39°	0 dB	0°	145°	+39°	210°	+1°	2.0dB	239°K	375373	+211 Hz
2026-05-12 Tuesday	23:00	154°	+42°	0 dB	0°	154°	+42°	217°	+2°	2.0dB	239°K	375245	+175 Hz
2026-05-12 Tuesday	23:30	164°	+44°	0 dB	0°	164°	+44°	224°	+2°	2.0dB	239°K	375117	+137 Hz
2026-05-13 Wednesday	00:00	174°	+45°	0 dB	0°	174°	+45°	232°	+2°	1.9dB	239°K	374990	+98 Hz
2026-05-13 Wednesday	00:30	184°	+45°	0 dB	0°	184°	+45°	239°	+2°	1.9dB	239°K	374862	+58 Hz
2026-05-13 Wednesday	01:00	194°	+44°	0 dB	0°	194°	+44°	246°	+2°	1.9dB	239°K	374734	+19 Hz
2026-05-13 Wednesday	01:30	204°	+43°	0 dB	0°	204°	+43°	253°	+2°	1.9dB	239°K	374607	-19 Hz
2026-05-13 Wednesday	02:00	214°	+40°	0 dB	0°	214°	+40°	261°	+2°	2.0dB	243°K	374480	-55 Hz
2026-05-13 Wednesday	02:30	222°	+37°	0 dB	0°	222°	+37°	268°	+3°	2.0dB	244°K	374353	-89 Hz
2026-05-13 Wednesday	03:00	230°	+34°	0 dB	0°	230°	+34°	275°	+3°	2.0dB	245°K	374226	-121 Hz
2026-05-13 Wednesday	03:30	237°	+30°	0 dB	0°	237°	+30°	282°	+3°	2.0dB	245°K	374099	-149 Hz
2026-05-13 Wednesday	04:00	244°	+26°	0 dB	0°	244°	+26°	290°	+3°	2.0dB	246°K	373973	-173 Hz
2026-05-13 Wednesday	04:30	250°	+21°	0 dB	0°	250°	+21°	297°	+3°	2.0dB	246°K	373846	-193 Hz
2026-05-13 Wednesday	05:00	256°	+16°	0 dB	0°	256°	+16°	304°	+3°	2.0dB	247°K	373720	-208 Hz
2026-05-13 Wednesday	05:30	262°	+11°	0 dB	0°	262°	+11°	312°	+3°	2.0dB	248°K	373594	-219 Hz
2026-05-13 Wednesday	06:00	267°	+7°	0 dB	0°	267°	+7°	319°	+3°	2.0dB	248°K	373469	-225 Hz
2026-05-13 Wednesday	06:30	273°	+2°	0 dB	0°	273°	+2°	326°	+4°	2.0dB	249°K	373343	-226 Hz
2026-05-13 Wednesday	18:30	081°	+0°	0 dB	0°	081°	+0°	140°	+7°	2.1dB	263°K	370403	+364 Hz
2026-05-13 Wednesday	19:00	086°	+5°	0 dB	0°	086°	+5°	148°	+7°	2.1dB	264°K	370284	+367 Hz
2026-05-13 Wednesday	19:30	091°	+10°	0 dB	0°	091°	+10°	155°	+7°	2.1dB	265°K	370166	+364 Hz
2026-05-13 Wednesday	20:00	097°	+15°	0 dB	0°	097°	+15°	162°	+7°	2.1dB	265°K	370047	+357 Hz
2026-05-13 Wednesday	20:30	102°	+20°	0 dB	0°	102°	+20°	169°	+7°	2.1dB	266°K	369930	+345 Hz
2026-05-13 Wednesday	21:00	108°	+25°	0 dB	0°	108°	+25°	177°	+8°	2.1dB	266°K	369812	+329 Hz
2026-05-13 Wednesday	21:30	114°	+30°	0 dB	0°	114°	+30°	184°	+8°	2.1dB	267°K	369695	+308 Hz
2026-05-13 Wednesday	22:00	120°	+35°	0 dB	0°	120°	+35°	191°	+8°	2.1dB	268°K	369578	+283 Hz
2026-05-13 Wednesday	22:30	128°	+39°	0 dB	0°	128°	+39°	198°	+8°	2.1dB	268°K	369461	+254 Hz
2026-05-13 Wednesday	23:00	136°	+43°	0 dB	0°	136°	+43°	206°	+8°	2.1dB	269°K	369345	+222 Hz
2026-05-13 Wednesday	23:30	145°	+46°	0 dB	0°	145°	+46°	213°	+8°	2.1dB	269°K	369229	+188 Hz
2026-05-14 Thursday	00:00	155°	+49°	0 dB	0°	155°	+49°	220°	+8°	2.1dB	270°K	369114	+151 Hz
2026-05-14 Thursday	00:30	166°	+51°	0 dB	0°	166°	+51°	227°	+9°	2.1dB	271°K	368999	+113 Hz
2026-05-14 Thursday	01:00	178°	+52°	0 dB	0°	178°	+52°	235°	+9°	2.1dB	271°K	368884	+74 Hz
2026-05-14 Thursday	01:30	189°	+52°	0 dB	0°	189°	+52°	242°	+9°	2.1dB	272°K	368770	+35 Hz
2026-05-14 Thursday	02:00	201°	+50°	0 dB	0°	201°	+50°	249°	+9°	2.1dB	273°K	368656	-4 Hz
2026-05-14 Thursday	02:30	212°	+48°	0 dB	0°	212°	+48°	256°	+9°	2.1dB	273°K	368542	-41 Hz
2026-05-14 Thursday	03:00	221°	+45°	0 dB	0°	221°	+45°	264°	+9°	2.1dB	274°K	368429	-76 Hz
2026-05-14 Thursday	03:30	230°	+42°	0 dB	0°	230°	+42°	271°	+9°	2.1dB	274°K	368316	-109 Hz
2026-05-14 Thursday	04:00	238°	+38°	0 dB	0°	238°	+38°	278°	+9°	2.1dB	275°K	368204	-139 Hz
2026-05-14 Thursday	04:30	245°	+34°	0 dB	0°	245°	+34°	285°	+10°	2.1dB	276°K	368092	-165 Hz
2026-05-14 Thursday	05:00	252°	+29°	0 dB	0°	252°	+29°	293°	+10°	2.1dB	276°K	367980	-187 Hz
2026-05-14 Thursday	05:30	258°	+24°	0 dB	0°	258°	+24°	300°	+10°	2.1dB	277°K	367869	-205 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-14 Thursday	06:00	263°	+19°	0 dB	0°	263°	+19°	307°	+10°	2.1dB	278°K	367759	-218 Hz
2026-05-14 Thursday	06:30	269°	+14°	0 dB	0°	269°	+14°	314°	+10°	2.1dB	278°K	367648	-227 Hz
2026-05-14 Thursday	07:00	274°	+9°	0 dB	0°	274°	+9°	322°	+10°	2.1dB	279°K	367539	-231 Hz
2026-05-14 Thursday	07:30	279°	+5°	0 dB	0°	279°	+5°	329°	+10°	2.1dB	279°K	367429	-230 Hz
2026-05-14 Thursday	08:00	285°	-0°	0 dB	0°	285°	-0°	336°	+11°	2.1dB	280°K	367320	-225 Hz
2026-05-14 Thursday	19:00	073°	+1°	0 dB	0°	073°	+1°	135°	+13°	2.2dB	294°K	365045	+343 Hz
2026-05-14 Thursday	19:30	078°	+6°	0 dB	0°	078°	+6°	143°	+14°	2.2dB	295°K	364947	+348 Hz
2026-05-14 Thursday	20:00	083°	+11°	0 dB	0°	083°	+11°	150°	+14°	2.2dB	295°K	364850	+349 Hz
2026-05-14 Thursday	20:30	088°	+17°	0 dB	0°	088°	+17°	157°	+14°	2.2dB	296°K	364753	+345 Hz
2026-05-14 Thursday	21:00	093°	+22°	0 dB	0°	093°	+22°	164°	+14°	2.2dB	296°K	364658	+336 Hz
2026-05-14 Thursday	21:30	099°	+27°	0 dB	0°	099°	+27°	172°	+14°	2.2dB	296°K	364562	+322 Hz
2026-05-14 Thursday	22:00	104°	+32°	0 dB	0°	104°	+32°	179°	+14°	2.2dB	297°K	364467	+305 Hz
2026-05-14 Thursday	22:30	111°	+37°	0 dB	0°	111°	+37°	186°	+14°	2.2dB	297°K	364373	+283 Hz
2026-05-14 Thursday	23:00	117°	+41°	0 dB	0°	117°	+41°	193°	+14°	2.2dB	297°K	364280	+257 Hz
2026-05-14 Thursday	23:30	125°	+46°	0 dB	0°	125°	+46°	201°	+15°	2.2dB	298°K	364186	+227 Hz
2026-05-15 Friday	00:00	134°	+50°	0 dB	0°	134°	+50°	208°	+15°	2.2dB	298°K	364094	+195 Hz
2026-05-15 Friday	00:30	144°	+53°	0 dB	0°	144°	+53°	215°	+15°	2.2dB	298°K	364002	+161 Hz
2026-05-15 Friday	01:00	155°	+56°	0 dB	0°	155°	+56°	222°	+15°	2.2dB	299°K	363911	+124 Hz
2026-05-15 Friday	01:30	168°	+58°	0 dB	0°	168°	+58°	229°	+15°	2.2dB	299°K	363820	+87 Hz
2026-05-15 Friday	02:00	181°	+58°	0 dB	0°	181°	+58°	237°	+15°	2.2dB	299°K	363730	+48 Hz
2026-05-15 Friday	02:30	195°	+58°	0 dB	0°	195°	+58°	244°	+15°	2.2dB	300°K	363640	+10 Hz
2026-05-15 Friday	03:00	207°	+56°	0 dB	0°	207°	+56°	251°	+15°	2.2dB	300°K	363551	-27 Hz
2026-05-15 Friday	03:30	219°	+54°	0 dB	0°	219°	+54°	258°	+16°	2.2dB	300°K	363463	-63 Hz
2026-05-15 Friday	04:00	229°	+50°	0 dB	0°	229°	+50°	266°	+16°	2.2dB	301°K	363375	-97 Hz
2026-05-15 Friday	04:30	237°	+46°	0 dB	0°	237°	+46°	273°	+16°	2.2dB	301°K	363288	-128 Hz
2026-05-15 Friday	05:00	245°	+42°	0 dB	0°	245°	+42°	280°	+16°	2.2dB	302°K	363201	-156 Hz
2026-05-15 Friday	05:30	252°	+37°	0 dB	0°	252°	+37°	287°	+16°	2.2dB	302°K	363116	-180 Hz
2026-05-15 Friday	06:00	258°	+32°	0 dB	0°	258°	+32°	295°	+16°	2.2dB	302°K	363030	-201 Hz
2026-05-15 Friday	06:30	264°	+27°	0 dB	0°	264°	+27°	302°	+16°	2.2dB	303°K	362946	-217 Hz
2026-05-15 Friday	07:00	270°	+23°	0 dB	0°	270°	+23°	309°	+16°	2.2dB	303°K	362862	-229 Hz
2026-05-15 Friday	07:30	275°	+18°	0 dB	0°	275°	+18°	316°	+17°	2.2dB	303°K	362778	-236 Hz
2026-05-15 Friday	08:00	280°	+13°	0 dB	0°	280°	+13°	323°	+17°	2.2dB	304°K	362696	-239 Hz
2026-05-15 Friday	08:30	285°	+8°	0 dB	0°	285°	+8°	331°	+17°	2.2dB	304°K	362613	-237 Hz
2026-05-15 Friday	09:00	290°	+3°	0 dB	0°	290°	+3°	338°	+17°	2.2dB	305°K	362532	-231 Hz
2026-05-15 Friday	19:30	065°	+2°	0 dB	0°	065°	+2°	129°	+19°	2.6dB	342°K	360976	+310 Hz
2026-05-15 Friday	20:00	070°	+7°	0 dB	0°	070°	+7°	137°	+19°	2.6dB	344°K	360910	+318 Hz
2026-05-15 Friday	20:30	075°	+12°	0 dB	0°	075°	+12°	144°	+20°	2.6dB	346°K	360844	+322 Hz
2026-05-15 Friday	21:00	080°	+16°	0 dB	0°	080°	+16°	151°	+20°	2.6dB	348°K	360779	+321 Hz
2026-05-15 Friday	21:30	084°	+22°	0 dB	0°	084°	+22°	158°	+20°	2.6dB	348°K	360715	+317 Hz
2026-05-15 Friday	22:00	089°	+27°	0 dB	0°	089°	+27°	166°	+20°	2.6dB	349°K	360651	+307 Hz
2026-05-15 Friday	22:30	095°	+32°	0 dB	0°	095°	+32°	173°	+20°	2.6dB	350°K	360588	+293 Hz
2026-05-15 Friday	23:00	100°	+37°	0 dB	0°	100°	+37°	180°	+20°	2.6dB	351°K	360526	+275 Hz
2026-05-15 Friday	23:30	106°	+42°	0 dB	0°	106°	+42°	187°	+20°	2.7dB	352°K	360465	+253 Hz
2026-05-16 Saturday	00:00	113°	+47°	0 dB	0°	113°	+47°	194°	+20°	2.7dB	353°K	360404	+228 Hz
2026-05-16 Saturday	00:30	121°	+51°	0 dB	0°	121°	+51°	202°	+20°	2.7dB	354°K	360344	+199 Hz
2026-05-16 Saturday	01:00	130°	+55°	0 dB	0°	130°	+55°	209°	+20°	2.7dB	355°K	360285	+167 Hz
2026-05-16 Saturday	01:30	141°	+59°	0 dB	0°	141°	+59°	216°	+21°	2.7dB	356°K	360227	+134 Hz
2026-05-16 Saturday	02:00	153°	+62°	0 dB	0°	153°	+62°	223°	+21°	2.7dB	357°K	360169	+98 Hz
2026-05-16 Saturday	02:30	168°	+64°	0 dB	0°	168°	+64°	230°	+21°	2.7dB	358°K	360112	+62 Hz
2026-05-16 Saturday	03:00	183°	+64°	0 dB	0°	183°	+64°	238°	+21°	2.7dB	358°K	360056	+25 Hz
2026-05-16 Saturday	03:30	199°	+63°	0 dB	0°	199°	+63°	245°	+21°	2.7dB	359°K	360001	-12 Hz
2026-05-16 Saturday	04:00	213°	+61°	0 dB	0°	213°	+61°	252°	+21°	2.7dB	360°K	359946	-48 Hz
2026-05-16 Saturday	04:30	225°	+58°	0 dB	0°	225°	+58°	259°	+21°	2.7dB	361°K	359892	-82 Hz
2026-05-16 Saturday	05:00	235°	+54°	0 dB	0°	235°	+54°	266°	+21°	2.7dB	362°K	359839	-115 Hz
2026-05-16 Saturday	05:30	244°	+50°	0 dB	0°	244°	+50°	274°	+21°	2.7dB	363°K	359787	-144 Hz
2026-05-16 Saturday	06:00	251°	+46°	0 dB	0°	251°	+46°	281°	+21°	2.7dB	364°K	359735	-171 Hz
2026-05-16 Saturday	06:30	258°	+41°	0 dB	0°	258°	+41°	288°	+22°	2.8dB	365°K	359684	-195 Hz
2026-05-16 Saturday	07:00	264°	+36°	0 dB	0°	264°	+36°	295°	+22°	2.8dB	366°K	359634	-214 Hz
2026-05-16 Saturday	07:30	269°	+31°	0 dB	0°	269°	+31°	302°	+22°	2.8dB	367°K	359585	-229 Hz
2026-05-16 Saturday	08:00	274°	+26°	0 dB	0°	274°	+26°	310°	+22°	2.8dB	368°K	359536	-241 Hz
2026-05-16 Saturday	08:30	279°	+21°	0 dB	0°	279°	+21°	317°	+22°	2.8dB	369°K	359488	-247 Hz
2026-05-16 Saturday	09:00	284°	+16°	0 dB	0°	284°	+16°	324°	+22°	2.8dB	369°K	359441	-250 Hz
2026-05-16 Saturday	09:30	289°	+11°	0 dB	0°	289°	+11°	331°	+22°	2.8dB	SUN!	359395	-248 Hz
2026-05-16 Saturday	10:00	294°	+7°	0 dB	0°	294°	+7°	338°	+22°	2.8dB	SUN!	359350	-241 Hz
2026-05-16 Saturday	10:30	299°	+2°	0 dB	0°	299°	+2°	346°	+22°	2.7dB	SUN!	359305	-231 Hz
2026-05-16 Saturday	20:00	057°	+1°	0 dB	0°	057°	+1°	122°	+24°	2.5dB	SUN!	358607	+267 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-16 Saturday	20:30	062°	+6°	0 dB	0°	062°	+6°	129°	+24°	2.5dB	SUN!	358579	+279 Hz
2026-05-16 Saturday	21:00	066°	+10°	0 dB	0°	066°	+10°	137°	+24°	2.5dB	SUN!	358551	+287 Hz
2026-05-16 Saturday	21:30	071°	+15°	0 dB	0°	071°	+15°	144°	+24°	2.5dB	SUN!	358524	+290 Hz
2026-05-16 Saturday	22:00	076°	+20°	0 dB	0°	076°	+20°	151°	+24°	2.5dB	SUN!	358497	+290 Hz
2026-05-16 Saturday	22:30	081°	+25°	0 dB	0°	081°	+25°	158°	+24°	2.6dB	SUN!	358472	+285 Hz
2026-05-16 Saturday	23:00	085°	+30°	0 dB	0°	085°	+30°	165°	+25°	2.6dB	SUN!	358447	+276 Hz
2026-05-16 Saturday	23:30	090°	+35°	0 dB	0°	090°	+35°	173°	+25°	2.6dB	SUN!	358423	+263 Hz
2026-05-17 Sunday	00:00	096°	+40°	0 dB	0°	096°	+40°	180°	+25°	2.6dB	SUN!	358400	+246 Hz
2026-05-17 Sunday	00:30	101°	+45°	0 dB	0°	101°	+45°	187°	+25°	2.6dB	SUN!	358378	+225 Hz
2026-05-17 Sunday	01:00	108°	+50°	0 dB	0°	108°	+50°	194°	+25°	2.6dB	SUN!	358357	+200 Hz
2026-05-17 Sunday	01:30	115°	+54°	0 dB	0°	115°	+54°	201°	+25°	2.6dB	SUN!	358336	+172 Hz
2026-05-17 Sunday	02:00	124°	+59°	0 dB	0°	124°	+59°	208°	+25°	2.6dB	SUN!	358316	+142 Hz
2026-05-17 Sunday	02:30	135°	+63°	0 dB	0°	135°	+63°	216°	+25°	2.6dB	SUN!	358297	+110 Hz
2026-05-17 Sunday	03:00	149°	+66°	0 dB	0°	149°	+66°	223°	+25°	2.6dB	SUN!	358279	+76 Hz
2026-05-17 Sunday	03:30	165°	+68°	0 dB	0°	165°	+68°	230°	+25°	2.7dB	SUN!	358262	+40 Hz
2026-05-17 Sunday	04:00	183°	+69°	0 dB	0°	183°	+69°	237°	+25°	2.7dB	SUN!	358245	+5 Hz
2026-05-17 Sunday	04:30	200°	+68°	0 dB	0°	200°	+68°	244°	+25°	2.7dB	SUN!	358230	-31 Hz
2026-05-17 Sunday	05:00	216°	+65°	0 dB	0°	216°	+65°	251°	+25°	2.7dB	SUN!	358215	-65 Hz
2026-05-17 Sunday	05:30	229°	+62°	0 dB	0°	229°	+62°	259°	+25°	2.7dB	SUN!	358201	-99 Hz
2026-05-17 Sunday	06:00	239°	+58°	0 dB	0°	239°	+58°	266°	+26°	2.7dB	SUN!	358188	-130 Hz
2026-05-17 Sunday	06:30	248°	+54°	0 dB	0°	248°	+54°	273°	+26°	2.7dB	SUN!	358175	-159 Hz
2026-05-17 Sunday	07:00	255°	+49°	0 dB	0°	255°	+49°	280°	+26°	2.7dB	SUN!	358164	-185 Hz
2026-05-17 Sunday	07:30	261°	+44°	0 dB	0°	261°	+44°	287°	+26°	2.7dB	SUN!	358153	-208 Hz
2026-05-17 Sunday	08:00	267°	+39°	0 dB	0°	267°	+39°	295°	+26°	2.7dB	SUN!	358143	-228 Hz
2026-05-17 Sunday	08:30	272°	+34°	0 dB	0°	272°	+34°	302°	+26°	2.8dB	SUN!	358134	-243 Hz
2026-05-17 Sunday	09:00	277°	+29°	0 dB	0°	277°	+29°	309°	+26°	2.8dB	SUN!	358126	-254 Hz
2026-05-17 Sunday	09:30	282°	+24°	0 dB	0°	282°	+24°	316°	+26°	2.8dB	SUN!	358118	-261 Hz
2026-05-17 Sunday	10:00	287°	+19°	0 dB	0°	287°	+19°	323°	+26°	2.8dB	SUN!	358111	-264 Hz
2026-05-17 Sunday	10:30	292°	+15°	0 dB	0°	292°	+15°	330°	+26°	2.8dB	SUN!	358106	-263 Hz
2026-05-17 Sunday	11:00	296°	+10°	0 dB	0°	296°	+10°	338°	+26°	2.8dB	380°K	358101	-257 Hz
2026-05-17 Sunday	11:30	301°	+6°	0 dB	0°	301°	+6°	345°	+26°	2.8dB	381°K	358096	-248 Hz
2026-05-17 Sunday	12:00	306°	+2°	0 dB	0°	306°	+2°	352°	+26°	2.8dB	382°K	358093	-234 Hz
2026-05-17 Sunday	21:00	054°	+3°	0 dB	0°	054°	+3°	121°	+27°	3.1dB	409°K	358171	+234 Hz
2026-05-17 Sunday	21:30	059°	+7°	0 dB	0°	059°	+7°	128°	+27°	3.1dB	411°K	358183	+247 Hz
2026-05-17 Sunday	22:00	064°	+11°	0 dB	0°	064°	+11°	135°	+27°	3.1dB	412°K	358196	+255 Hz
2026-05-17 Sunday	22:30	068°	+16°	0 dB	0°	068°	+16°	143°	+27°	3.2dB	414°K	358210	+260 Hz
2026-05-17 Sunday	23:00	073°	+21°	0 dB	0°	073°	+21°	150°	+27°	3.2dB	416°K	358224	+260 Hz
2026-05-17 Sunday	23:30	077°	+26°	0 dB	0°	077°	+26°	157°	+27°	3.2dB	417°K	358240	+256 Hz
2026-05-18 Monday	00:00	082°	+31°	0 dB	0°	082°	+31°	164°	+27°	3.2dB	419°K	358256	+248 Hz
2026-05-18 Monday	00:30	087°	+36°	0 dB	0°	087°	+36°	171°	+27°	3.2dB	421°K	358273	+236 Hz
2026-05-18 Monday	01:00	092°	+41°	0 dB	0°	092°	+41°	178°	+27°	3.2dB	422°K	358290	+220 Hz
2026-05-18 Monday	01:30	097°	+46°	0 dB	0°	097°	+46°	186°	+27°	3.2dB	424°K	358309	+201 Hz
2026-05-18 Monday	02:00	103°	+51°	0 dB	0°	103°	+51°	193°	+27°	3.3dB	426°K	358328	+177 Hz
2026-05-18 Monday	02:30	111°	+55°	0 dB	0°	111°	+55°	200°	+28°	3.3dB	427°K	358348	+151 Hz
2026-05-18 Monday	03:00	119°	+60°	0 dB	0°	119°	+60°	207°	+28°	3.3dB	429°K	358369	+122 Hz
2026-05-18 Monday	03:30	130°	+64°	0 dB	0°	130°	+64°	214°	+28°	3.3dB	431°K	358390	+91 Hz
2026-05-18 Monday	04:00	143°	+68°	0 dB	0°	143°	+68°	221°	+28°	3.3dB	432°K	358413	+58 Hz
2026-05-18 Monday	04:30	160°	+70°	0 dB	0°	160°	+70°	229°	+28°	3.3dB	434°K	358436	+24 Hz
2026-05-18 Monday	05:00	179°	+71°	0 dB	0°	179°	+71°	236°	+28°	3.4dB	436°K	358460	-11 Hz
2026-05-18 Monday	05:30	199°	+70°	0 dB	0°	199°	+70°	243°	+28°	3.4dB	439°K	358485	-45 Hz
2026-05-18 Monday	06:00	216°	+68°	0 dB	0°	216°	+68°	250°	+28°	3.4dB	442°K	358510	-80 Hz
2026-05-18 Monday	06:30	229°	+65°	0 dB	0°	229°	+65°	257°	+28°	3.5dB	446°K	358537	-113 Hz
2026-05-18 Monday	07:00	240°	+61°	0 dB	0°	240°	+61°	264°	+28°	3.5dB	449°K	358564	-144 Hz
2026-05-18 Monday	07:30	249°	+56°	0 dB	0°	249°	+56°	272°	+28°	3.5dB	452°K	358592	-173 Hz
2026-05-18 Monday	08:00	256°	+51°	0 dB	0°	256°	+51°	279°	+28°	3.5dB	455°K	358620	-199 Hz
2026-05-18 Monday	08:30	263°	+46°	0 dB	0°	263°	+46°	286°	+28°	3.6dB	458°K	358650	-222 Hz
2026-05-18 Monday	09:00	268°	+41°	0 dB	0°	268°	+41°	293°	+28°	3.6dB	461°K	358680	-242 Hz
2026-05-18 Monday	09:30	273°	+36°	0 dB	0°	273°	+36°	300°	+28°	3.6dB	464°K	358711	-258 Hz
2026-05-18 Monday	10:00	278°	+31°	0 dB	0°	278°	+31°	307°	+28°	3.6dB	467°K	358743	-270 Hz
2026-05-18 Monday	10:30	283°	+26°	0 dB	0°	283°	+26°	315°	+28°	3.7dB	470°K	358775	-278 Hz
2026-05-18 Monday	11:00	287°	+22°	0 dB	0°	287°	+22°	322°	+28°	3.7dB	473°K	358808	-282 Hz
2026-05-18 Monday	11:30	292°	+17°	0 dB	0°	292°	+17°	329°	+28°	3.7dB	477°K	358842	-282 Hz
2026-05-18 Monday	12:00	297°	+12°	0 dB	0°	297°	+12°	336°	+28°	3.8dB	480°K	358877	-278 Hz
2026-05-18 Monday	12:30	301°	+8°	0 dB	0°	301°	+8°	343°	+28°	3.8dB	483°K	358913	-269 Hz
2026-05-18 Monday	13:00	306°	+4°	0 dB	0°	306°	+4°	350°	+28°	3.8dB	486°K	358949	-257 Hz
2026-05-18 Monday	13:30	311°	+0°	0 dB	0°	311°	+0°	357°	+28°	3.8dB	489°K	358986	-242 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-18 Monday	22:00	052°	+3°	0 dB	0°	052°	+3°	119°	+28°	4.0dB	500°K	359729	+206 Hz
2026-05-18 Monday	22:30	057°	+7°	0 dB	0°	057°	+7°	126°	+28°	4.0dB	500°K	359779	+220 Hz
2026-05-18 Monday	23:00	062°	+11°	0 dB	0°	062°	+11°	134°	+28°	4.0dB	500°K	359830	+229 Hz
2026-05-18 Monday	23:30	066°	+15°	0 dB	0°	066°	+15°	141°	+28°	4.0dB	500°K	359881	+235 Hz
2026-05-19 Tuesday	00:00	071°	+20°	0 dB	0°	071°	+20°	148°	+28°	4.0dB	500°K	359933	+237 Hz
2026-05-19 Tuesday	00:30	076°	+25°	0 dB	0°	076°	+25°	155°	+28°	4.0dB	500°K	359986	+234 Hz
2026-05-19 Tuesday	01:00	080°	+30°	0 dB	0°	080°	+30°	162°	+28°	4.0dB	500°K	360040	+228 Hz
2026-05-19 Tuesday	01:30	085°	+35°	0 dB	0°	085°	+35°	169°	+28°	4.0dB	500°K	360094	+217 Hz
2026-05-19 Tuesday	02:00	090°	+40°	0 dB	0°	090°	+40°	177°	+28°	4.0dB	498°K	360149	+202 Hz
2026-05-19 Tuesday	02:30	095°	+45°	0 dB	0°	095°	+45°	184°	+28°	3.9dB	494°K	360205	+184 Hz
2026-05-19 Tuesday	03:00	101°	+50°	0 dB	0°	101°	+50°	191°	+28°	3.9dB	490°K	360261	+161 Hz
2026-05-19 Tuesday	03:30	108°	+55°	0 dB	0°	108°	+55°	198°	+28°	3.9dB	486°K	360318	+136 Hz
2026-05-19 Tuesday	04:00	116°	+59°	0 dB	0°	116°	+59°	205°	+28°	3.8dB	482°K	360376	+108 Hz
2026-05-19 Tuesday	04:30	126°	+64°	0 dB	0°	126°	+64°	212°	+28°	3.8dB	478°K	360435	+78 Hz
2026-05-19 Tuesday	05:00	139°	+67°	0 dB	0°	139°	+67°	220°	+28°	3.8dB	474°K	360494	+45 Hz
2026-05-19 Tuesday	05:30	155°	+70°	0 dB	0°	155°	+70°	227°	+28°	3.7dB	469°K	360553	+12 Hz
2026-05-19 Tuesday	06:00	174°	+71°	0 dB	0°	174°	+71°	234°	+28°	3.7dB	465°K	360614	-23 Hz
2026-05-19 Tuesday	06:30	194°	+71°	0 dB	0°	194°	+71°	241°	+28°	3.7dB	461°K	360675	-58 Hz
2026-05-19 Tuesday	07:00	212°	+69°	0 dB	0°	212°	+69°	248°	+28°	3.7dB	457°K	360736	-92 Hz
2026-05-19 Tuesday	07:30	227°	+66°	0 dB	0°	227°	+66°	255°	+28°	3.6dB	453°K	360799	-125 Hz
2026-05-19 Tuesday	08:00	238°	+62°	0 dB	0°	238°	+62°	263°	+28°	3.6dB	449°K	360862	-157 Hz
2026-05-19 Tuesday	08:30	247°	+57°	0 dB	0°	247°	+57°	270°	+28°	3.6dB	445°K	360925	-186 Hz
2026-05-19 Tuesday	09:00	255°	+52°	0 dB	0°	255°	+52°	277°	+28°	3.5dB	441°K	360990	-214 Hz
2026-05-19 Tuesday	09:30	261°	+47°	0 dB	0°	261°	+47°	284°	+28°	3.5dB	437°K	361055	-238 Hz
2026-05-19 Tuesday	10:00	267°	+42°	0 dB	0°	267°	+42°	291°	+28°	3.5dB	433°K	361120	-259 Hz
2026-05-19 Tuesday	10:30	272°	+37°	0 dB	0°	272°	+37°	298°	+28°	3.4dB	429°K	361186	-276 Hz
2026-05-19 Tuesday	11:00	277°	+32°	0 dB	0°	277°	+32°	306°	+28°	3.4dB	425°K	361253	-289 Hz
2026-05-19 Tuesday	11:30	281°	+27°	0 dB	0°	281°	+27°	313°	+28°	3.4dB	421°K	361321	-298 Hz
2026-05-19 Tuesday	12:00	286°	+23°	0 dB	0°	286°	+23°	320°	+28°	3.3dB	417°K	361389	-303 Hz
2026-05-19 Tuesday	12:30	291°	+18°	0 dB	0°	291°	+18°	327°	+28°	3.3dB	413°K	361457	-304 Hz
2026-05-19 Tuesday	13:00	295°	+13°	0 dB	0°	295°	+13°	334°	+28°	3.3dB	411°K	361527	-301 Hz
2026-05-19 Tuesday	13:30	300°	+9°	0 dB	0°	300°	+9°	342°	+27°	3.3dB	409°K	361597	-293 Hz
2026-05-19 Tuesday	14:00	305°	+4°	0 dB	0°	305°	+4°	349°	+27°	3.3dB	407°K	361667	-282 Hz
2026-05-19 Tuesday	14:30	310°	+1°	0 dB	0°	310°	+1°	356°	+27°	3.2dB	405°K	361738	-267 Hz
2026-05-19 Tuesday	23:00	052°	+1°	0 dB	0°	052°	+1°	118°	+27°	3.0dB	371°K	363036	+187 Hz
2026-05-19 Tuesday	23:30	057°	+5°	0 dB	0°	057°	+5°	125°	+27°	3.0dB	369°K	363117	+202 Hz
2026-05-20 Wednesday	00:00	062°	+9°	0 dB	0°	062°	+9°	132°	+27°	2.9dB	366°K	363199	+213 Hz
2026-05-20 Wednesday	00:30	067°	+14°	0 dB	0°	067°	+14°	139°	+27°	2.9dB	363°K	363281	+220 Hz
2026-05-20 Wednesday	01:00	071°	+18°	0 dB	0°	071°	+18°	147°	+27°	2.9dB	360°K	363364	+223 Hz
2026-05-20 Wednesday	01:30	076°	+23°	0 dB	0°	076°	+23°	154°	+26°	2.8dB	357°K	363448	+221 Hz
2026-05-20 Wednesday	02:00	081°	+28°	0 dB	0°	081°	+28°	161°	+26°	2.8dB	354°K	363532	+215 Hz
2026-05-20 Wednesday	02:30	086°	+33°	0 dB	0°	086°	+33°	168°	+26°	2.8dB	351°K	363616	+206 Hz
2026-05-20 Wednesday	03:00	091°	+38°	0 dB	0°	091°	+38°	175°	+26°	2.8dB	348°K	363701	+192 Hz
2026-05-20 Wednesday	03:30	096°	+43°	0 dB	0°	096°	+43°	183°	+26°	2.7dB	345°K	363786	+174 Hz
2026-05-20 Wednesday	04:00	102°	+48°	0 dB	0°	102°	+48°	190°	+26°	2.7dB	342°K	363872	+152 Hz
2026-05-20 Wednesday	04:30	109°	+53°	0 dB	0°	109°	+53°	197°	+26°	2.7dB	339°K	363959	+127 Hz
2026-05-20 Wednesday	05:00	117°	+57°	0 dB	0°	117°	+57°	204°	+26°	2.7dB	336°K	364046	+99 Hz
2026-05-20 Wednesday	05:30	127°	+61°	0 dB	0°	127°	+61°	211°	+26°	2.6dB	333°K	364133	+68 Hz
2026-05-20 Wednesday	06:00	139°	+65°	0 dB	0°	139°	+65°	218°	+26°	2.6dB	331°K	364221	+36 Hz
2026-05-20 Wednesday	06:30	154°	+68°	0 dB	0°	154°	+68°	226°	+26°	2.6dB	328°K	364309	+2 Hz
2026-05-20 Wednesday	07:00	172°	+69°	0 dB	0°	172°	+69°	233°	+26°	2.5dB	325°K	364398	-33 Hz
2026-05-20 Wednesday	07:30	190°	+69°	0 dB	0°	190°	+69°	240°	+26°	2.5dB	322°K	364488	-69 Hz
2026-05-20 Wednesday	08:00	207°	+67°	0 dB	0°	207°	+67°	247°	+26°	2.5dB	319°K	364577	-104 Hz
2026-05-20 Wednesday	08:30	222°	+64°	0 dB	0°	222°	+64°	254°	+26°	2.5dB	316°K	364668	-138 Hz
2026-05-20 Wednesday	09:00	234°	+61°	0 dB	0°	234°	+61°	262°	+26°	2.4dB	313°K	364758	-171 Hz
2026-05-20 Wednesday	09:30	243°	+56°	0 dB	0°	243°	+56°	269°	+26°	2.4dB	310°K	364850	-201 Hz
2026-05-20 Wednesday	10:00	251°	+52°	0 dB	0°	251°	+52°	276°	+25°	2.4dB	308°K	364941	-229 Hz
2026-05-20 Wednesday	10:30	258°	+47°	0 dB	0°	258°	+47°	283°	+25°	2.3dB	305°K	365033	-255 Hz
2026-05-20 Wednesday	11:00	263°	+42°	0 dB	0°	263°	+42°	290°	+25°	2.3dB	301°K	365126	-276 Hz
2026-05-20 Wednesday	11:30	269°	+37°	0 dB	0°	269°	+37°	298°	+25°	2.3dB	298°K	365219	-295 Hz
2026-05-20 Wednesday	12:00	274°	+31°	0 dB	0°	274°	+31°	305°	+25°	2.2dB	295°K	365312	-309 Hz
2026-05-20 Wednesday	12:30	279°	+26°	0 dB	0°	279°	+26°	312°	+25°	2.2dB	291°K	365406	-319 Hz
2026-05-20 Wednesday	13:00	283°	+21°	0 dB	0°	283°	+21°	319°	+25°	2.2dB	288°K	365500	-324 Hz
2026-05-20 Wednesday	13:30	288°	+17°	0 dB	0°	288°	+17°	326°	+25°	2.1dB	284°K	365595	-326 Hz
2026-05-20 Wednesday	14:00	293°	+12°	0 dB	0°	293°	+12°	334°	+25°	2.1dB	281°K	365690	-323 Hz
2026-05-20 Wednesday	14:30	298°	+7°	0 dB	0°	298°	+7°	341°	+25°	2.0dB	278°K	365785	-316 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-20 Wednesday	15:00	302°	+3°	0 dB	0°	302°	+3°	348°	+25°	2.0dB	274°K	365881	-305 Hz
2026-05-21 Thursday	00:30	059°	+2°	0 dB	0°	059°	+2°	125°	+23°	1.3dB	221°K	367775	+196 Hz
2026-05-21 Thursday	01:00	064°	+7°	0 dB	0°	064°	+7°	132°	+23°	1.3dB	220°K	367879	+207 Hz
2026-05-21 Thursday	01:30	069°	+11°	0 dB	0°	069°	+11°	139°	+23°	1.3dB	219°K	367982	+215 Hz
2026-05-21 Thursday	02:00	074°	+16°	0 dB	0°	074°	+16°	146°	+23°	1.3dB	218°K	368086	+218 Hz
2026-05-21 Thursday	02:30	079°	+21°	0 dB	0°	079°	+21°	154°	+23°	1.3dB	217°K	368190	+217 Hz
2026-05-21 Thursday	03:00	084°	+25°	0 dB	0°	084°	+25°	161°	+23°	1.3dB	215°K	368294	+211 Hz
2026-05-21 Thursday	03:30	089°	+30°	0 dB	0°	089°	+30°	168°	+23°	1.3dB	214°K	368399	+201 Hz
2026-05-21 Thursday	04:00	094°	+35°	0 dB	0°	094°	+35°	175°	+23°	1.2dB	213°K	368504	+187 Hz
2026-05-21 Thursday	04:30	100°	+40°	0 dB	0°	100°	+40°	182°	+23°	1.2dB	212°K	368609	+169 Hz
2026-05-21 Thursday	05:00	106°	+45°	0 dB	0°	106°	+45°	190°	+23°	1.2dB	211°K	368715	+147 Hz
2026-05-21 Thursday	05:30	113°	+50°	0 dB	0°	113°	+50°	197°	+22°	1.2dB	210°K	368821	+121 Hz
2026-05-21 Thursday	06:00	122°	+54°	0 dB	0°	122°	+54°	204°	+22°	1.2dB	209°K	368927	+92 Hz
2026-05-21 Thursday	06:30	132°	+58°	0 dB	0°	132°	+58°	211°	+22°	1.2dB	208°K	369034	+61 Hz
2026-05-21 Thursday	07:00	143°	+62°	0 dB	0°	143°	+62°	219°	+22°	1.2dB	207°K	369140	+27 Hz
2026-05-21 Thursday	07:30	157°	+64°	0 dB	0°	157°	+64°	226°	+22°	1.2dB	206°K	369247	-8 Hz
2026-05-21 Thursday	08:00	173°	+65°	0 dB	0°	173°	+65°	233°	+22°	1.2dB	205°K	369355	-44 Hz
2026-05-21 Thursday	08:30	189°	+65°	0 dB	0°	189°	+65°	240°	+22°	1.1dB	204°K	369462	-81 Hz
2026-05-21 Thursday	09:00	205°	+64°	0 dB	0°	205°	+64°	247°	+22°	1.1dB	203°K	369570	-117 Hz
2026-05-21 Thursday	09:30	218°	+61°	0 dB	0°	218°	+61°	255°	+22°	1.1dB	202°K	369678	-152 Hz
2026-05-21 Thursday	10:00	229°	+57°	0 dB	0°	229°	+57°	262°	+22°	1.1dB	201°K	369786	-186 Hz
2026-05-21 Thursday	10:30	239°	+53°	0 dB	0°	239°	+53°	269°	+22°	1.1dB	199°K	369895	-217 Hz
2026-05-21 Thursday	11:00	247°	+48°	0 dB	0°	247°	+48°	276°	+21°	1.1dB	198°K	370004	-246 Hz
2026-05-21 Thursday	11:30	254°	+44°	0 dB	0°	254°	+44°	283°	+21°	1.1dB	197°K	370113	-272 Hz
2026-05-21 Thursday	12:00	260°	+39°	0 dB	0°	260°	+39°	291°	+21°	1.1dB	196°K	370222	-295 Hz
2026-05-21 Thursday	12:30	265°	+34°	0 dB	0°	265°	+34°	298°	+21°	1.0dB	195°K	370331	-313 Hz
2026-05-21 Thursday	13:00	271°	+28°	0 dB	0°	271°	+28°	305°	+21°	1.0dB	194°K	370441	-327 Hz
2026-05-21 Thursday	13:30	276°	+23°	0 dB	0°	276°	+23°	312°	+21°	1.0dB	193°K	370551	-337 Hz
2026-05-21 Thursday	14:00	280°	+18°	0 dB	0°	280°	+18°	320°	+21°	1.0dB	192°K	370661	-343 Hz
2026-05-21 Thursday	14:30	285°	+13°	0 dB	0°	285°	+13°	327°	+21°	1.0dB	191°K	370771	-344 Hz
2026-05-21 Thursday	15:00	290°	+9°	0 dB	0°	290°	+9°	334°	+21°	1.0dB	190°K	370882	-341 Hz
2026-05-21 Thursday	15:30	295°	+4°	0 dB	0°	295°	+4°	341°	+21°	1.0dB	189°K	370993	-333 Hz
2026-05-22 Friday	02:00	068°	+4°	0 dB	0°	068°	+4°	133°	+18°	0.8dB	175°K	373358	+211 Hz
2026-05-22 Friday	02:30	073°	+8°	0 dB	0°	073°	+8°	140°	+18°	0.8dB	176°K	373472	+218 Hz
2026-05-22 Friday	03:00	078°	+13°	0 dB	0°	078°	+13°	148°	+18°	0.9dB	176°K	373586	+221 Hz
2026-05-22 Friday	03:30	083°	+18°	0 dB	0°	083°	+18°	155°	+18°	0.9dB	176°K	373701	+219 Hz
2026-05-22 Friday	04:00	088°	+23°	0 dB	0°	088°	+23°	162°	+18°	0.9dB	177°K	373815	+212 Hz
2026-05-22 Friday	04:30	094°	+28°	0 dB	0°	094°	+28°	169°	+18°	0.9dB	177°K	373930	+202 Hz
2026-05-22 Friday	05:00	099°	+33°	0 dB	0°	099°	+33°	177°	+18°	0.9dB	177°K	374045	+186 Hz
2026-05-22 Friday	05:30	106°	+38°	0 dB	0°	106°	+38°	184°	+18°	0.9dB	178°K	374159	+166 Hz
2026-05-22 Friday	06:00	112°	+43°	0 dB	0°	112°	+43°	191°	+18°	0.9dB	178°K	374274	+143 Hz
2026-05-22 Friday	06:30	120°	+47°	0 dB	0°	120°	+47°	198°	+18°	0.9dB	178°K	374389	+116 Hz
2026-05-22 Friday	07:00	129°	+51°	0 dB	0°	129°	+51°	206°	+17°	1.0dB	179°K	374504	+85 Hz
2026-05-22 Friday	07:30	139°	+55°	0 dB	0°	139°	+55°	213°	+17°	1.0dB	179°K	374620	+52 Hz
2026-05-22 Friday	08:00	150°	+58°	0 dB	0°	150°	+58°	220°	+17°	1.0dB	179°K	374735	+17 Hz
2026-05-22 Friday	08:30	163°	+60°	0 dB	0°	163°	+60°	227°	+17°	1.0dB	180°K	374850	-19 Hz
2026-05-22 Friday	09:00	177°	+60°	0 dB	0°	177°	+60°	234°	+17°	1.0dB	180°K	374965	-57 Hz
2026-05-22 Friday	09:30	191°	+60°	0 dB	0°	191°	+60°	242°	+17°	1.0dB	180°K	375081	-95 Hz
2026-05-22 Friday	10:00	204°	+58°	0 dB	0°	204°	+58°	249°	+17°	1.0dB	181°K	375196	-132 Hz
2026-05-22 Friday	10:30	216°	+55°	0 dB	0°	216°	+55°	256°	+17°	1.0dB	181°K	375312	-168 Hz
2026-05-22 Friday	11:00	227°	+52°	0 dB	0°	227°	+52°	263°	+17°	1.0dB	181°K	375427	-202 Hz
2026-05-22 Friday	11:30	236°	+48°	0 dB	0°	236°	+48°	271°	+16°	1.1dB	182°K	375543	-234 Hz
2026-05-22 Friday	12:00	243°	+43°	0 dB	0°	243°	+43°	278°	+16°	1.1dB	182°K	375659	-264 Hz
2026-05-22 Friday	12:30	250°	+39°	0 dB	0°	250°	+39°	285°	+16°	1.1dB	182°K	375774	-289 Hz
2026-05-22 Friday	13:00	257°	+34°	0 dB	0°	257°	+34°	292°	+16°	1.1dB	182°K	375890	-311 Hz
2026-05-22 Friday	13:30	262°	+29°	0 dB	0°	262°	+29°	300°	+16°	1.1dB	182°K	376006	-329 Hz
2026-05-22 Friday	14:00	268°	+24°	0 dB	0°	268°	+24°	307°	+16°	1.1dB	183°K	376122	-343 Hz
2026-05-22 Friday	14:30	273°	+19°	0 dB	0°	273°	+19°	314°	+16°	1.1dB	183°K	376238	-352 Hz
2026-05-22 Friday	15:00	278°	+13°	0 dB	0°	278°	+13°	321°	+16°	1.1dB	183°K	376354	-356 Hz
2026-05-22 Friday	15:30	283°	+8°	0 dB	0°	283°	+8°	329°	+16°	1.1dB	183°K	376469	-356 Hz
2026-05-22 Friday	16:00	288°	+3°	0 dB	0°	288°	+3°	336°	+15°	1.1dB	183°K	376585	-351 Hz
2026-05-23 Saturday	03:00	074°	+1°	0 dB	0°	074°	+1°	136°	+13°	1.3dB	187°K	379133	+220 Hz
2026-05-23 Saturday	03:30	079°	+6°	0 dB	0°	079°	+6°	143°	+13°	1.3dB	187°K	379249	+226 Hz
2026-05-23 Saturday	04:00	084°	+11°	0 dB	0°	084°	+11°	150°	+13°	1.3dB	187°K	379364	+227 Hz
2026-05-23 Saturday	04:30	089°	+16°	0 dB	0°	089°	+16°	157°	+12°	1.3dB	188°K	379479	+224 Hz
2026-05-23 Saturday	05:00	095°	+21°	0 dB	0°	095°	+21°	165°	+12°	1.3dB	188°K	379595	+215 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-23 Saturday	05:30	100°	+26°	0 dB	0°	100°	+26°	172°	+12°	1.4dB	188°K	379710	+203 Hz
2026-05-23 Saturday	06:00	106°	+31°	0 dB	0°	106°	+31°	179°	+12°	1.4dB	189°K	379825	+185 Hz
2026-05-23 Saturday	06:30	113°	+35°	0 dB	0°	113°	+35°	186°	+12°	1.4dB	189°K	379940	+163 Hz
2026-05-23 Saturday	07:00	120°	+40°	0 dB	0°	120°	+40°	194°	+12°	1.4dB	189°K	380055	+138 Hz
2026-05-23 Saturday	07:30	128°	+44°	0 dB	0°	128°	+44°	201°	+12°	1.4dB	189°K	380170	+109 Hz
2026-05-23 Saturday	08:00	137°	+48°	0 dB	0°	137°	+48°	208°	+12°	1.4dB	190°K	380284	+76 Hz
2026-05-23 Saturday	08:30	147°	+51°	0 dB	0°	147°	+51°	215°	+11°	1.4dB	190°K	380399	+42 Hz
2026-05-23 Saturday	09:00	158°	+53°	0 dB	0°	158°	+53°	223°	+11°	1.4dB	190°K	380514	+5 Hz
2026-05-23 Saturday	09:30	170°	+54°	0 dB	0°	170°	+54°	230°	+11°	1.4dB	191°K	380628	-33 Hz
2026-05-23 Saturday	10:00	182°	+54°	0 dB	0°	182°	+54°	237°	+11°	1.5dB	191°K	380743	-72 Hz
2026-05-23 Saturday	10:30	194°	+54°	0 dB	0°	194°	+54°	245°	+11°	1.5dB	191°K	380857	-110 Hz
2026-05-23 Saturday	11:00	206°	+52°	0 dB	0°	206°	+52°	252°	+11°	1.5dB	192°K	380971	-148 Hz
2026-05-23 Saturday	11:30	216°	+49°	0 dB	0°	216°	+49°	259°	+11°	1.5dB	192°K	381085	-185 Hz
2026-05-23 Saturday	12:00	226°	+45°	0 dB	0°	226°	+45°	266°	+11°	1.5dB	192°K	381199	-219 Hz
2026-05-23 Saturday	12:30	234°	+41°	0 dB	0°	234°	+41°	274°	+11°	1.5dB	192°K	381313	-251 Hz
2026-05-23 Saturday	13:00	241°	+37°	0 dB	0°	241°	+37°	281°	+10°	1.5dB	193°K	381427	-279 Hz
2026-05-23 Saturday	13:30	248°	+32°	0 dB	0°	248°	+32°	288°	+10°	1.5dB	193°K	381541	-304 Hz
2026-05-23 Saturday	14:00	254°	+27°	0 dB	0°	254°	+27°	295°	+10°	1.5dB	193°K	381654	-325 Hz
2026-05-23 Saturday	14:30	260°	+22°	0 dB	0°	260°	+22°	303°	+10°	1.6dB	194°K	381768	-341 Hz
2026-05-23 Saturday	15:00	265°	+17°	0 dB	0°	265°	+17°	310°	+10°	1.6dB	194°K	381881	-353 Hz
2026-05-23 Saturday	15:30	270°	+12°	0 dB	0°	270°	+12°	317°	+10°	1.6dB	194°K	381994	-360 Hz
2026-05-23 Saturday	16:00	276°	+7°	0 dB	0°	276°	+7°	324°	+10°	1.6dB	194°K	382107	-362 Hz
2026-05-23 Saturday	16:30	281°	+2°	0 dB	0°	281°	+2°	332°	+10°	1.6dB	195°K	382220	-360 Hz
2026-05-24 Sunday	04:30	086°	+4°	0 dB	0°	086°	+4°	146°	+7°	1.8dB	202°K	384886	+235 Hz
2026-05-24 Sunday	05:00	091°	+9°	0 dB	0°	091°	+9°	154°	+6°	1.8dB	202°K	384995	+234 Hz
2026-05-24 Sunday	05:30	096°	+14°	0 dB	0°	096°	+14°	161°	+6°	1.8dB	202°K	385104	+228 Hz
2026-05-24 Sunday	06:00	102°	+19°	0 dB	0°	102°	+19°	168°	+6°	1.8dB	202°K	385213	+217 Hz
2026-05-24 Sunday	06:30	108°	+24°	0 dB	0°	108°	+24°	175°	+6°	1.9dB	203°K	385321	+202 Hz
2026-05-24 Sunday	07:00	114°	+28°	0 dB	0°	114°	+28°	183°	+6°	1.9dB	203°K	385430	+182 Hz
2026-05-24 Sunday	07:30	121°	+33°	0 dB	0°	121°	+33°	190°	+6°	1.9dB	203°K	385538	+158 Hz
2026-05-24 Sunday	08:00	128°	+37°	0 dB	0°	128°	+37°	197°	+6°	1.9dB	204°K	385645	+130 Hz
2026-05-24 Sunday	08:30	136°	+40°	0 dB	0°	136°	+40°	205°	+6°	1.9dB	204°K	385753	+98 Hz
2026-05-24 Sunday	09:00	145°	+43°	0 dB	0°	145°	+43°	212°	+5°	1.9dB	204°K	385861	+64 Hz
2026-05-24 Sunday	09:30	155°	+46°	0 dB	0°	155°	+46°	219°	+5°	1.9dB	204°K	385968	+28 Hz
2026-05-24 Sunday	10:00	165°	+48°	0 dB	0°	165°	+48°	226°	+5°	1.9dB	205°K	386075	-10 Hz
2026-05-24 Sunday	10:30	176°	+48°	0 dB	0°	176°	+48°	234°	+5°	1.9dB	205°K	386182	-49 Hz
2026-05-24 Sunday	11:00	187°	+48°	0 dB	0°	187°	+48°	241°	+5°	1.9dB	205°K	386288	-88 Hz
2026-05-24 Sunday	11:30	198°	+47°	0 dB	0°	198°	+47°	248°	+5°	2.0dB	206°K	386395	-127 Hz
2026-05-24 Sunday	12:00	208°	+45°	0 dB	0°	208°	+45°	255°	+5°	2.0dB	206°K	386501	-165 Hz
2026-05-24 Sunday	12:30	217°	+42°	0 dB	0°	217°	+42°	263°	+5°	2.0dB	206°K	386607	-200 Hz
2026-05-24 Sunday	13:00	226°	+38°	0 dB	0°	226°	+38°	270°	+4°	2.0dB	206°K	386713	-234 Hz
2026-05-24 Sunday	13:30	233°	+34°	0 dB	0°	233°	+34°	277°	+4°	2.0dB	207°K	386818	-264 Hz
2026-05-24 Sunday	14:00	240°	+30°	0 dB	0°	240°	+30°	285°	+4°	2.0dB	207°K	386924	-291 Hz
2026-05-24 Sunday	14:30	247°	+25°	0 dB	0°	247°	+25°	292°	+4°	2.0dB	207°K	387029	-314 Hz
2026-05-24 Sunday	15:00	253°	+20°	0 dB	0°	253°	+20°	299°	+4°	2.0dB	207°K	387134	-333 Hz
2026-05-24 Sunday	15:30	258°	+15°	0 dB	0°	258°	+15°	306°	+4°	2.0dB	208°K	387238	-347 Hz
2026-05-24 Sunday	16:00	264°	+10°	0 dB	0°	264°	+10°	314°	+4°	2.0dB	208°K	387343	-356 Hz
2026-05-24 Sunday	16:30	269°	+5°	0 dB	0°	269°	+5°	321°	+4°	2.0dB	208°K	387447	-360 Hz
2026-05-24 Sunday	17:00	274°	-0°	0 dB	0°	274°	-0°	328°	+3°	2.1dB	209°K	387551	-360 Hz
2026-05-25 Monday	05:30	093°	+2°	0 dB	0°	093°	+2°	150°	+0°	2.5dB	228°K	390074	+242 Hz
2026-05-25 Monday	06:00	098°	+7°	0 dB	0°	098°	+7°	158°	+0°	2.5dB	229°K	390171	+238 Hz
2026-05-25 Monday	06:30	104°	+12°	0 dB	0°	104°	+12°	165°	+0°	2.5dB	231°K	390269	+229 Hz
2026-05-25 Monday	07:00	110°	+17°	0 dB	0°	110°	+17°	172°	-0°	2.5dB	232°K	390366	+216 Hz
2026-05-25 Monday	07:30	116°	+21°	0 dB	0°	116°	+21°	180°	-0°	2.6dB	234°K	390463	+197 Hz
2026-05-25 Monday	08:00	122°	+26°	0 dB	0°	122°	+26°	187°	-0°	2.6dB	235°K	390559	+175 Hz
2026-05-25 Monday	08:30	129°	+30°	0 dB	0°	129°	+30°	194°	-0°	2.6dB	237°K	390656	+148 Hz
2026-05-25 Monday	09:00	137°	+33°	0 dB	0°	137°	+33°	201°	-1°	2.6dB	238°K	390752	+118 Hz
2026-05-25 Monday	09:30	145°	+37°	0 dB	0°	145°	+37°	209°	-1°	2.7dB	240°K	390847	+85 Hz
2026-05-25 Monday	10:00	154°	+39°	0 dB	0°	154°	+39°	216°	-1°	2.7dB	241°K	390943	+49 Hz
2026-05-25 Monday	10:30	163°	+41°	0 dB	0°	163°	+41°	223°	-1°	2.7dB	243°K	391038	+12 Hz
2026-05-25 Monday	11:00	173°	+42°	0 dB	0°	173°	+42°	231°	-1°	2.8dB	244°K	391133	-27 Hz
2026-05-25 Monday	11:30	182°	+42°	0 dB	0°	182°	+42°	238°	-1°	2.8dB	246°K	391228	-66 Hz
2026-05-25 Monday	12:00	192°	+41°	0 dB	0°	192°	+41°	245°	-1°	2.8dB	247°K	391322	-105 Hz
2026-05-25 Monday	12:30	202°	+39°	0 dB	0°	202°	+39°	252°	-1°	2.8dB	249°K	391416	-143 Hz
2026-05-25 Monday	13:00	211°	+37°	0 dB	0°	211°	+37°	260°	-2°	2.9dB	250°K	391510	-180 Hz
2026-05-25 Monday	13:30	219°	+34°	0 dB	0°	219°	+34°	267°	-2°	2.9dB	252°K	391604	-214 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-25 Monday	14:00	226°	+31°	0 dB	0°	226°	+31°	274°	-2°	2.9dB	253°K	391697	-246 Hz
2026-05-25 Monday	14:30	233°	+27°	0 dB	0°	233°	+27°	282°	-2°	2.9dB	255°K	391790	-274 Hz
2026-05-25 Monday	15:00	240°	+22°	0 dB	0°	240°	+22°	289°	-2°	3.0dB	256°K	391883	-298 Hz
2026-05-25 Monday	15:30	246°	+18°	0 dB	0°	246°	+18°	296°	-2°	3.0dB	258°K	391975	-318 Hz
2026-05-25 Monday	16:00	252°	+13°	0 dB	0°	252°	+13°	303°	-2°	3.0dB	259°K	392067	-334 Hz
2026-05-25 Monday	16:30	257°	+8°	0 dB	0°	257°	+8°	311°	-2°	3.0dB	261°K	392159	-345 Hz
2026-05-25 Monday	17:00	262°	+3°	0 dB	0°	262°	+3°	318°	-3°	3.1dB	262°K	392251	-352 Hz
2026-05-26 Tuesday	06:30	100°	+1°	0 dB	0°	100°	+1°	155°	-6°	3.7dB	306°K	394616	+245 Hz
2026-05-26 Tuesday	07:00	106°	+6°	0 dB	0°	106°	+6°	162°	-6°	3.7dB	307°K	394700	+238 Hz
2026-05-26 Tuesday	07:30	111°	+10°	0 dB	0°	111°	+10°	169°	-6°	3.8dB	309°K	394783	+227 Hz
2026-05-26 Tuesday	08:00	117°	+15°	0 dB	0°	117°	+15°	177°	-6°	3.8dB	311°K	394866	+210 Hz
2026-05-26 Tuesday	08:30	123°	+19°	0 dB	0°	123°	+19°	184°	-6°	3.8dB	312°K	394948	+189 Hz
2026-05-26 Tuesday	09:00	130°	+23°	0 dB	0°	130°	+23°	191°	-6°	3.8dB	313°K	395031	+164 Hz
2026-05-26 Tuesday	09:30	137°	+27°	0 dB	0°	137°	+27°	199°	-7°	3.8dB	313°K	395113	+136 Hz
2026-05-26 Tuesday	10:00	145°	+30°	0 dB	0°	145°	+30°	206°	-7°	3.8dB	313°K	395194	+104 Hz
2026-05-26 Tuesday	10:30	152°	+32°	0 dB	0°	152°	+32°	213°	-7°	3.8dB	313°K	395276	+70 Hz
2026-05-26 Tuesday	11:00	161°	+34°	0 dB	0°	161°	+34°	220°	-7°	3.8dB	313°K	395357	+33 Hz
2026-05-26 Tuesday	11:30	170°	+36°	0 dB	0°	170°	+36°	228°	-7°	3.8dB	313°K	395437	-5 Hz
2026-05-26 Tuesday	12:00	179°	+36°	0 dB	0°	179°	+36°	235°	-7°	3.8dB	313°K	395518	-43 Hz
2026-05-26 Tuesday	12:30	188°	+35°	0 dB	0°	188°	+35°	242°	-7°	3.8dB	313°K	395598	-82 Hz
2026-05-26 Tuesday	13:00	196°	+34°	0 dB	0°	196°	+34°	250°	-7°	3.8dB	313°K	395678	-120 Hz
2026-05-26 Tuesday	13:30	205°	+32°	0 dB	0°	205°	+32°	257°	-8°	3.8dB	313°K	395758	-157 Hz
2026-05-26 Tuesday	14:00	213°	+30°	0 dB	0°	213°	+30°	264°	-8°	3.8dB	313°K	395837	-191 Hz
2026-05-26 Tuesday	14:30	220°	+27°	0 dB	0°	220°	+27°	271°	-8°	3.9dB	313°K	395916	-224 Hz
2026-05-26 Tuesday	15:00	227°	+23°	0 dB	0°	227°	+23°	279°	-8°	3.9dB	313°K	395995	-253 Hz
2026-05-26 Tuesday	15:30	234°	+19°	0 dB	0°	234°	+19°	286°	-8°	3.9dB	313°K	396073	-278 Hz
2026-05-26 Tuesday	16:00	240°	+15°	0 dB	0°	240°	+15°	293°	-8°	3.9dB	313°K	396151	-300 Hz
2026-05-26 Tuesday	16:30	246°	+10°	0 dB	0°	246°	+10°	301°	-8°	3.9dB	313°K	396229	-317 Hz
2026-05-26 Tuesday	17:00	251°	+5°	0 dB	0°	251°	+5°	308°	-8°	3.9dB	313°K	396306	-330 Hz
2026-05-26 Tuesday	17:30	256°	+0°	0 dB	0°	256°	+0°	315°	-8°	3.9dB	313°K	396383	-338 Hz
2026-05-27 Wednesday	07:30	108°	-0°	0 dB	0°	108°	-0°	159°	-12°	3.9dB	309°K	398419	+244 Hz
2026-05-27 Wednesday	08:00	113°	+4°	0 dB	0°	113°	+4°	167°	-12°	3.9dB	309°K	398488	+235 Hz
2026-05-27 Wednesday	08:30	119°	+9°	0 dB	0°	119°	+9°	174°	-12°	3.9dB	309°K	398556	+220 Hz
2026-05-27 Wednesday	09:00	124°	+13°	0 dB	0°	124°	+13°	181°	-12°	3.9dB	308°K	398623	+201 Hz
2026-05-27 Wednesday	09:30	131°	+17°	0 dB	0°	131°	+17°	188°	-12°	3.9dB	308°K	398691	+179 Hz
2026-05-27 Wednesday	10:00	137°	+20°	0 dB	0°	137°	+20°	196°	-12°	3.9dB	308°K	398758	+152 Hz
2026-05-27 Wednesday	10:30	144°	+24°	0 dB	0°	144°	+24°	203°	-12°	3.9dB	307°K	398825	+122 Hz
2026-05-27 Wednesday	11:00	151°	+26°	0 dB	0°	151°	+26°	210°	-12°	3.9dB	307°K	398891	+89 Hz
2026-05-27 Wednesday	11:30	159°	+28°	0 dB	0°	159°	+28°	218°	-13°	3.9dB	307°K	398957	+54 Hz
2026-05-27 Wednesday	12:00	167°	+30°	0 dB	0°	167°	+30°	225°	-13°	3.9dB	307°K	399023	+18 Hz
2026-05-27 Wednesday	12:30	175°	+30°	0 dB	0°	175°	+30°	232°	-13°	3.9dB	306°K	399088	-20 Hz
2026-05-27 Wednesday	13:00	184°	+30°	0 dB	0°	184°	+30°	239°	-13°	3.9dB	306°K	399154	-58 Hz
2026-05-27 Wednesday	13:30	192°	+29°	0 dB	0°	192°	+29°	247°	-13°	3.9dB	306°K	399219	-95 Hz
2026-05-27 Wednesday	14:00	200°	+28°	0 dB	0°	200°	+28°	254°	-13°	3.9dB	305°K	399283	-132 Hz
2026-05-27 Wednesday	14:30	208°	+26°	0 dB	0°	208°	+26°	261°	-13°	3.9dB	305°K	399347	-166 Hz
2026-05-27 Wednesday	15:00	215°	+23°	0 dB	0°	215°	+23°	268°	-13°	3.9dB	305°K	399411	-199 Hz
2026-05-27 Wednesday	15:30	222°	+20°	0 dB	0°	222°	+20°	276°	-13°	3.9dB	305°K	399475	-229 Hz
2026-05-27 Wednesday	16:00	228°	+16°	0 dB	0°	228°	+16°	283°	-13°	3.9dB	304°K	399539	-255 Hz
2026-05-27 Wednesday	16:30	234°	+12°	0 dB	0°	234°	+12°	290°	-14°	3.9dB	304°K	399602	-278 Hz
2026-05-27 Wednesday	17:00	240°	+8°	0 dB	0°	240°	+8°	298°	-14°	3.9dB	304°K	399664	-296 Hz
2026-05-27 Wednesday	17:30	245°	+3°	0 dB	0°	245°	+3°	305°	-14°	3.9dB	305°K	399727	-310 Hz
2026-05-28 Thursday	09:00	119°	+3°	0 dB	0°	119°	+3°	171°	-17°	4.3dB	327°K	401513	+228 Hz
2026-05-28 Thursday	09:30	125°	+7°	0 dB	0°	125°	+7°	178°	-17°	4.3dB	328°K	401566	+212 Hz
2026-05-28 Thursday	10:00	131°	+11°	0 dB	0°	131°	+11°	185°	-17°	4.3dB	329°K	401618	+191 Hz
2026-05-28 Thursday	10:30	137°	+14°	0 dB	0°	137°	+14°	192°	-17°	4.3dB	331°K	401671	+167 Hz
2026-05-28 Thursday	11:00	143°	+18°	0 dB	0°	143°	+18°	200°	-17°	4.3dB	332°K	401723	+139 Hz
2026-05-28 Thursday	11:30	150°	+20°	0 dB	0°	150°	+20°	207°	-17°	4.3dB	333°K	401774	+109 Hz
2026-05-28 Thursday	12:00	157°	+22°	0 dB	0°	157°	+22°	214°	-18°	4.3dB	334°K	401825	+75 Hz
2026-05-28 Thursday	12:30	165°	+24°	0 dB	0°	165°	+24°	222°	-18°	4.4dB	335°K	401876	+41 Hz
2026-05-28 Thursday	13:00	172°	+25°	0 dB	0°	172°	+25°	229°	-18°	4.4dB	336°K	401927	+4 Hz
2026-05-28 Thursday	13:30	180°	+25°	0 dB	0°	180°	+25°	236°	-18°	4.4dB	337°K	401978	-32 Hz
2026-05-28 Thursday	14:00	188°	+25°	0 dB	0°	188°	+25°	243°	-18°	4.4dB	339°K	402028	-69 Hz
2026-05-28 Thursday	14:30	195°	+24°	0 dB	0°	195°	+24°	251°	-18°	4.4dB	340°K	402078	-105 Hz
2026-05-28 Thursday	15:00	203°	+22°	0 dB	0°	203°	+22°	258°	-18°	4.4dB	341°K	402127	-139 Hz
2026-05-28 Thursday	15:30	210°	+20°	0 dB	0°	210°	+20°	265°	-18°	4.4dB	342°K	402176	-172 Hz
2026-05-28 Thursday	16:00	216°	+17°	0 dB	0°	216°	+17°	272°	-18°	4.5dB	343°K	402225	-202 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-05-28 Thursday	16:30	223°	+13°	0 dB	0°	223°	+13°	280°	-18°	4.5dB	344°K	402274	-229 Hz
2026-05-28 Thursday	17:00	229°	+10°	0 dB	0°	229°	+10°	287°	-18°	4.5dB	345°K	402322	-253 Hz
2026-05-28 Thursday	17:30	234°	+6°	0 dB	0°	234°	+6°	294°	-19°	4.5dB	346°K	402370	-272 Hz
2026-05-28 Thursday	18:00	240°	+1°	0 dB	0°	240°	+1°	302°	-19°	4.5dB	348°K	402418	-288 Hz
2026-05-29 Friday	10:00	125°	+1°	0 dB	0°	125°	+1°	174°	-21°	4.9dB	382°K	403792	+222 Hz
2026-05-29 Friday	10:30	130°	+5°	0 dB	0°	130°	+5°	181°	-21°	4.9dB	383°K	403830	+204 Hz
2026-05-29 Friday	11:00	136°	+9°	0 dB	0°	136°	+9°	189°	-22°	5.0dB	384°K	403868	+182 Hz
2026-05-29 Friday	11:30	142°	+12°	0 dB	0°	142°	+12°	196°	-22°	5.0dB	385°K	403905	+157 Hz
2026-05-29 Friday	12:00	148°	+15°	0 dB	0°	148°	+15°	203°	-22°	5.0dB	386°K	403943	+128 Hz
2026-05-29 Friday	12:30	155°	+17°	0 dB	0°	155°	+17°	211°	-22°	5.0dB	387°K	403980	+97 Hz
2026-05-29 Friday	13:00	162°	+19°	0 dB	0°	162°	+19°	218°	-22°	5.0dB	388°K	404016	+64 Hz
2026-05-29 Friday	13:30	169°	+20°	0 dB	0°	169°	+20°	225°	-22°	5.0dB	389°K	404053	+30 Hz
2026-05-29 Friday	14:00	176°	+21°	0 dB	0°	176°	+21°	232°	-22°	5.0dB	390°K	404089	-5 Hz
2026-05-29 Friday	14:30	184°	+21°	0 dB	0°	184°	+21°	240°	-22°	5.0dB	391°K	404125	-41 Hz
2026-05-29 Friday	15:00	191°	+20°	0 dB	0°	191°	+20°	247°	-22°	5.0dB	392°K	404160	-76 Hz
2026-05-29 Friday	15:30	198°	+19°	0 dB	0°	198°	+19°	254°	-22°	5.1dB	393°K	404196	-110 Hz
2026-05-29 Friday	16:00	205°	+17°	0 dB	0°	205°	+17°	261°	-22°	5.1dB	394°K	404231	-143 Hz
2026-05-29 Friday	16:30	211°	+14°	0 dB	0°	211°	+14°	269°	-22°	5.1dB	395°K	404265	-173 Hz
2026-05-29 Friday	17:00	217°	+12°	0 dB	0°	217°	+12°	276°	-22°	5.1dB	396°K	404300	-201 Hz
2026-05-29 Friday	17:30	223°	+8°	0 dB	0°	223°	+8°	283°	-23°	5.1dB	396°K	404334	-226 Hz
2026-05-29 Friday	18:00	229°	+5°	0 dB	0°	229°	+5°	290°	-23°	5.1dB	397°K	404368	-247 Hz
2026-05-29 Friday	18:30	234°	+1°	0 dB	0°	234°	+1°	298°	-23°	5.1dB	398°K	404401	-264 Hz
2026-05-30 Saturday	11:00	129°	+0°	0 dB	0°	129°	+0°	177°	-25°	5.6dB	443°K	405349	+216 Hz
2026-05-30 Saturday	11:30	135°	+4°	0 dB	0°	135°	+4°	185°	-25°	5.6dB	445°K	405373	+197 Hz
2026-05-30 Saturday	12:00	140°	+7°	0 dB	0°	140°	+7°	192°	-25°	5.6dB	447°K	405397	+175 Hz
2026-05-30 Saturday	12:30	146°	+10°	0 dB	0°	146°	+10°	199°	-25°	5.6dB	450°K	405420	+149 Hz
2026-05-30 Saturday	13:00	152°	+13°	0 dB	0°	152°	+13°	206°	-25°	5.6dB	452°K	405443	+120 Hz
2026-05-30 Saturday	13:30	159°	+15°	0 dB	0°	159°	+15°	214°	-25°	5.7dB	454°K	405466	+90 Hz
2026-05-30 Saturday	14:00	166°	+16°	0 dB	0°	166°	+16°	221°	-25°	5.7dB	456°K	405489	+57 Hz
2026-05-30 Saturday	14:30	172°	+17°	0 dB	0°	172°	+17°	228°	-25°	5.7dB	458°K	405511	+23 Hz
2026-05-30 Saturday	15:00	179°	+18°	0 dB	0°	179°	+18°	235°	-25°	5.7dB	460°K	405533	-11 Hz
2026-05-30 Saturday	15:30	186°	+17°	0 dB	0°	186°	+17°	243°	-25°	5.7dB	463°K	405555	-46 Hz
2026-05-30 Saturday	16:00	193°	+17°	0 dB	0°	193°	+17°	250°	-25°	5.8dB	465°K	405576	-79 Hz
2026-05-30 Saturday	16:30	200°	+15°	0 dB	0°	200°	+15°	257°	-25°	5.8dB	467°K	405597	-112 Hz
2026-05-30 Saturday	17:00	206°	+13°	0 dB	0°	206°	+13°	264°	-25°	5.8dB	469°K	405618	-143 Hz
2026-05-30 Saturday	17:30	212°	+11°	0 dB	0°	212°	+11°	272°	-26°	5.8dB	471°K	405638	-171 Hz
2026-05-30 Saturday	18:00	218°	+8°	0 dB	0°	218°	+8°	279°	-26°	5.8dB	474°K	405659	-197 Hz
2026-05-30 Saturday	18:30	224°	+4°	0 dB	0°	224°	+4°	286°	-26°	5.8dB	476°K	405679	-220 Hz
2026-05-30 Saturday	19:00	229°	+1°	0 dB	0°	229°	+1°	293°	-26°	5.9dB	478°K	405698	-239 Hz
2026-05-31 Sunday	12:00	132°	-0°	0 dB	0°	132°	-0°	180°	-27°	7.2dB	669°K	406199	+214 Hz
2026-05-31 Sunday	12:30	138°	+3°	0 dB	0°	138°	+3°	187°	-27°	7.3dB	678°K	406208	+194 Hz
2026-05-31 Sunday	13:00	143°	+7°	0 dB	0°	143°	+7°	194°	-27°	7.3dB	688°K	406218	+171 Hz
2026-05-31 Sunday	13:30	149°	+9°	0 dB	0°	149°	+9°	202°	-27°	7.4dB	698°K	406227	+145 Hz
2026-05-31 Sunday	14:00	155°	+12°	0 dB	0°	155°	+12°	209°	-27°	7.4dB	707°K	406236	+116 Hz
2026-05-31 Sunday	14:30	162°	+14°	0 dB	0°	162°	+14°	216°	-27°	7.5dB	717°K	406244	+86 Hz
2026-05-31 Sunday	15:00	168°	+15°	0 dB	0°	168°	+15°	223°	-27°	7.5dB	726°K	406253	+53 Hz
2026-05-31 Sunday	15:30	175°	+16°	0 dB	0°	175°	+16°	230°	-27°	7.6dB	736°K	406261	+20 Hz
2026-05-31 Sunday	16:00	182°	+16°	0 dB	0°	182°	+16°	238°	-27°	7.6dB	745°K	406268	-14 Hz
2026-05-31 Sunday	16:30	188°	+15°	0 dB	0°	188°	+15°	245°	-27°	7.7dB	755°K	406276	-47 Hz
2026-05-31 Sunday	17:00	195°	+14°	0 dB	0°	195°	+14°	252°	-27°	7.7dB	765°K	406283	-80 Hz
2026-05-31 Sunday	17:30	201°	+13°	0 dB	0°	201°	+13°	259°	-27°	7.8dB	774°K	406290	-111 Hz
2026-05-31 Sunday	18:00	208°	+10°	0 dB	0°	208°	+10°	267°	-27°	7.8dB	784°K	406296	-141 Hz
2026-05-31 Sunday	18:30	213°	+8°	0 dB	0°	213°	+8°	274°	-27°	7.9dB	794°K	406302	-168 Hz
2026-05-31 Sunday	19:00	219°	+5°	0 dB	0°	219°	+5°	281°	-27°	7.9dB	803°K	406308	-193 Hz
2026-05-31 Sunday	19:30	225°	+1°	0 dB	0°	225°	+1°	288°	-27°	8.0dB	813°K	406314	-214 Hz
2026-06-01 Monday	13:00	134°	+0°	0 dB	0°	134°	+0°	182°	-28°	11.2dB	1746°K	406325	+216 Hz
2026-06-01 Monday	13:30	140°	+4°	0 dB	0°	140°	+4°	189°	-28°	11.3dB	1809°K	406320	+195 Hz
2026-06-01 Monday	14:00	145°	+7°	0 dB	0°	145°	+7°	196°	-28°	11.4dB	1872°K	406315	+172 Hz
2026-06-01 Monday	14:30	151°	+9°	0 dB	0°	151°	+9°	204°	-28°	11.6dB	1935°K	406309	+145 Hz
2026-06-01 Monday	15:00	157°	+12°	0 dB	0°	157°	+12°	211°	-28°	11.7dB	1999°K	406303	+116 Hz
2026-06-01 Monday	15:30	164°	+13°	0 dB	0°	164°	+13°	218°	-28°	11.9dB	2062°K	406297	+85 Hz
2026-06-01 Monday	16:00	170°	+14°	0 dB	0°	170°	+14°	225°	-28°	12.0dB	2125°K	406290	+53 Hz
2026-06-01 Monday	16:30	177°	+15°	0 dB	0°	177°	+15°	233°	-28°	12.1dB	2188°K	406283	+20 Hz
2026-06-01 Monday	17:00	183°	+15°	0 dB	0°	183°	+15°	240°	-28°	12.2dB	2251°K	406276	-14 Hz
2026-06-01 Monday	17:30	190°	+14°	0 dB	0°	190°	+14°	247°	-28°	12.3dB	2314°K	406268	-47 Hz
2026-06-01 Monday	18:00	197°	+13°	0 dB	0°	197°	+13°	254°	-28°	12.5dB	2377°K	406260	-79 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-01 Monday	18:30	203°	+11°	0 dB	0°	203°	+11°	262°	-28°	12.6dB	2441°K	406252	-110 Hz
2026-06-01 Monday	19:00	209°	+9°	0 dB	0°	209°	+9°	269°	-28°	12.7dB	2504°K	406244	-139 Hz
2026-06-01 Monday	19:30	215°	+7°	0 dB	0°	215°	+7°	276°	-28°	12.8dB	2567°K	406235	-165 Hz
2026-06-01 Monday	20:00	221°	+3°	0 dB	0°	221°	+3°	283°	-28°	12.9dB	2630°K	406226	-189 Hz
2026-06-01 Monday	20:30	226°	+0°	0 dB	0°	226°	+0°	291°	-28°	13.0dB	2693°K	406216	-209 Hz
2026-06-02 Tuesday	14:00	136°	+2°	0 dB	0°	136°	+2°	184°	-27°	12.0dB	2163°K	405685	+221 Hz
2026-06-02 Tuesday	14:30	141°	+5°	0 dB	0°	141°	+5°	191°	-27°	11.9dB	2118°K	405664	+200 Hz
2026-06-02 Tuesday	15:00	147°	+8°	0 dB	0°	147°	+8°	199°	-27°	11.8dB	2073°K	405643	+175 Hz
2026-06-02 Tuesday	15:30	153°	+11°	0 dB	0°	153°	+11°	206°	-27°	11.8dB	2028°K	405621	+148 Hz
2026-06-02 Tuesday	16:00	159°	+13°	0 dB	0°	159°	+13°	213°	-27°	11.7dB	1983°K	405599	+118 Hz
2026-06-02 Tuesday	16:30	165°	+14°	0 dB	0°	165°	+14°	220°	-27°	11.6dB	1938°K	405577	+86 Hz
2026-06-02 Tuesday	17:00	172°	+15°	0 dB	0°	172°	+15°	227°	-27°	11.5dB	1893°K	405554	+54 Hz
2026-06-02 Tuesday	17:30	179°	+16°	0 dB	0°	179°	+16°	235°	-27°	11.4dB	1848°K	405531	+20 Hz
2026-06-02 Tuesday	18:00	185°	+15°	0 dB	0°	185°	+15°	242°	-27°	11.3dB	1803°K	405508	-14 Hz
2026-06-02 Tuesday	18:30	192°	+15°	0 dB	0°	192°	+15°	249°	-27°	11.1dB	1758°K	405484	-47 Hz
2026-06-02 Tuesday	19:00	199°	+13°	0 dB	0°	199°	+13°	256°	-27°	11.0dB	1713°K	405460	-79 Hz
2026-06-02 Tuesday	19:30	205°	+12°	0 dB	0°	205°	+12°	264°	-27°	10.9dB	1669°K	405435	-110 Hz
2026-06-02 Tuesday	20:00	211°	+9°	0 dB	0°	211°	+9°	271°	-27°	10.8dB	1624°K	405411	-138 Hz
2026-06-02 Tuesday	20:30	217°	+6°	0 dB	0°	217°	+6°	278°	-27°	10.7dB	1579°K	405386	-164 Hz
2026-06-02 Tuesday	21:00	223°	+3°	0 dB	0°	223°	+3°	285°	-27°	10.6dB	1534°K	405360	-187 Hz
2026-06-02 Tuesday	21:30	228°	-0°	0 dB	0°	228°	-0°	293°	-27°	10.4dB	1490°K	405334	-206 Hz
2026-06-03 Wednesday	14:30	131°	+1°	0 dB	0°	131°	+1°	179°	-26°	6.8dB	616°K	404252	+248 Hz
2026-06-03 Wednesday	15:00	136°	+4°	0 dB	0°	136°	+4°	186°	-26°	6.7dB	604°K	404214	+229 Hz
2026-06-03 Wednesday	15:30	142°	+8°	0 dB	0°	142°	+8°	194°	-26°	6.6dB	591°K	404176	+206 Hz
2026-06-03 Wednesday	16:00	148°	+11°	0 dB	0°	148°	+11°	201°	-26°	6.5dB	579°K	404137	+180 Hz
2026-06-03 Wednesday	16:30	154°	+13°	0 dB	0°	154°	+13°	208°	-25°	6.5dB	566°K	404098	+151 Hz
2026-06-03 Wednesday	17:00	161°	+15°	0 dB	0°	161°	+15°	215°	-25°	6.4dB	554°K	404058	+120 Hz
2026-06-03 Wednesday	17:30	167°	+17°	0 dB	0°	167°	+17°	223°	-25°	6.3dB	541°K	404019	+88 Hz
2026-06-03 Wednesday	18:00	174°	+17°	0 dB	0°	174°	+17°	230°	-25°	6.2dB	529°K	403978	+54 Hz
2026-06-03 Wednesday	18:30	181°	+18°	0 dB	0°	181°	+18°	237°	-25°	6.1dB	519°K	403938	+20 Hz
2026-06-03 Wednesday	19:00	188°	+17°	0 dB	0°	188°	+17°	244°	-25°	6.1dB	514°K	403897	-15 Hz
2026-06-03 Wednesday	19:30	195°	+16°	0 dB	0°	195°	+16°	252°	-25°	6.0dB	508°K	403856	-48 Hz
2026-06-03 Wednesday	20:00	201°	+15°	0 dB	0°	201°	+15°	259°	-25°	6.0dB	503°K	403814	-81 Hz
2026-06-03 Wednesday	20:30	208°	+13°	0 dB	0°	208°	+13°	266°	-25°	5.9dB	498°K	403772	-111 Hz
2026-06-03 Wednesday	21:00	214°	+10°	0 dB	0°	214°	+10°	273°	-25°	5.9dB	492°K	403730	-140 Hz
2026-06-03 Wednesday	21:30	220°	+7°	0 dB	0°	220°	+7°	281°	-25°	5.9dB	487°K	403687	-165 Hz
2026-06-03 Wednesday	22:00	226°	+4°	0 dB	0°	226°	+4°	288°	-25°	5.8dB	481°K	403644	-188 Hz
2026-06-03 Wednesday	22:30	231°	+0°	0 dB	0°	231°	+0°	295°	-25°	5.8dB	476°K	403600	-206 Hz
2026-06-04 Thursday	15:00	126°	+1°	0 dB	0°	126°	+1°	175°	-23°	4.5dB	349°K	401956	+276 Hz
2026-06-04 Thursday	15:30	131°	+5°	0 dB	0°	131°	+5°	182°	-23°	4.5dB	348°K	401900	+258 Hz
2026-06-04 Thursday	16:00	137°	+8°	0 dB	0°	137°	+8°	189°	-23°	4.5dB	346°K	401843	+237 Hz
2026-06-04 Thursday	16:30	143°	+12°	0 dB	0°	143°	+12°	196°	-22°	4.5dB	345°K	401786	+212 Hz
2026-06-04 Thursday	17:00	149°	+15°	0 dB	0°	149°	+15°	204°	-22°	4.4dB	343°K	401729	+184 Hz
2026-06-04 Thursday	17:30	156°	+17°	0 dB	0°	156°	+17°	211°	-22°	4.4dB	342°K	401671	+154 Hz
2026-06-04 Thursday	18:00	162°	+19°	0 dB	0°	162°	+19°	218°	-22°	4.4dB	340°K	401613	+121 Hz
2026-06-04 Thursday	18:30	169°	+20°	0 dB	0°	169°	+20°	225°	-22°	4.4dB	339°K	401555	+87 Hz
2026-06-04 Thursday	19:00	177°	+21°	0 dB	0°	177°	+21°	233°	-22°	4.4dB	337°K	401496	+52 Hz
2026-06-04 Thursday	19:30	184°	+21°	0 dB	0°	184°	+21°	240°	-22°	4.4dB	336°K	401436	+17 Hz
2026-06-04 Thursday	20:00	191°	+20°	0 dB	0°	191°	+20°	247°	-22°	4.3dB	334°K	401377	-19 Hz
2026-06-04 Thursday	20:30	198°	+19°	0 dB	0°	198°	+19°	255°	-22°	4.3dB	333°K	401317	-53 Hz
2026-06-04 Thursday	21:00	205°	+17°	0 dB	0°	205°	+17°	262°	-22°	4.3dB	331°K	401256	-86 Hz
2026-06-04 Thursday	21:30	212°	+15°	0 dB	0°	212°	+15°	269°	-22°	4.3dB	330°K	401196	-116 Hz
2026-06-04 Thursday	22:00	218°	+12°	0 dB	0°	218°	+12°	276°	-22°	4.2dB	328°K	401134	-145 Hz
2026-06-04 Thursday	22:30	224°	+9°	0 dB	0°	224°	+9°	284°	-22°	4.2dB	327°K	401073	-170 Hz
2026-06-04 Thursday	23:00	230°	+5°	0 dB	0°	230°	+5°	291°	-21°	4.2dB	326°K	401011	-191 Hz
2026-06-04 Thursday	23:30	235°	+1°	0 dB	0°	235°	+1°	298°	-21°	4.2dB	326°K	400948	-209 Hz
2026-06-05 Friday	15:30	120°	+2°	0 dB	0°	120°	+2°	171°	-19°	4.1dB	326°K	398751	+302 Hz
2026-06-05 Friday	16:00	126°	+6°	0 dB	0°	126°	+6°	178°	-18°	4.1dB	326°K	398676	+287 Hz
2026-06-05 Friday	16:30	131°	+10°	0 dB	0°	131°	+10°	185°	-18°	4.1dB	326°K	398601	+267 Hz
2026-06-05 Friday	17:00	137°	+14°	0 dB	0°	137°	+14°	192°	-18°	4.1dB	326°K	398525	+243 Hz
2026-06-05 Friday	17:30	144°	+17°	0 dB	0°	144°	+17°	200°	-18°	4.1dB	326°K	398449	+216 Hz
2026-06-05 Friday	18:00	150°	+20°	0 dB	0°	150°	+20°	207°	-18°	4.1dB	326°K	398372	+186 Hz
2026-06-05 Friday	18:30	158°	+22°	0 dB	0°	158°	+22°	214°	-18°	4.1dB	326°K	398295	+154 Hz
2026-06-05 Friday	19:00	165°	+24°	0 dB	0°	165°	+24°	222°	-18°	4.1dB	326°K	398218	+119 Hz
2026-06-05 Friday	19:30	172°	+25°	0 dB	0°	172°	+25°	229°	-18°	4.1dB	326°K	398140	+83 Hz
2026-06-05 Friday	20:00	180°	+25°	0 dB	0°	180°	+25°	236°	-18°	4.1dB	326°K	398062	+47 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-05 Friday	20:30	188°	+25°	0 dB	0°	188°	+25°	243°	-18°	4.1dB	326°K	397984	+10 Hz
2026-06-05 Friday	21:00	195°	+24°	0 dB	0°	195°	+24°	251°	-18°	4.1dB	326°K	397905	-26 Hz
2026-06-05 Friday	21:30	203°	+23°	0 dB	0°	203°	+23°	258°	-17°	4.1dB	326°K	397826	-61 Hz
2026-06-05 Friday	22:00	210°	+20°	0 dB	0°	210°	+20°	265°	-17°	4.1dB	326°K	397746	-94 Hz
2026-06-05 Friday	22:30	217°	+18°	0 dB	0°	217°	+18°	272°	-17°	4.1dB	326°K	397666	-124 Hz
2026-06-05 Friday	23:00	223°	+15°	0 dB	0°	223°	+15°	280°	-17°	4.1dB	326°K	397586	-152 Hz
2026-06-05 Friday	23:30	229°	+11°	0 dB	0°	229°	+11°	287°	-17°	4.1dB	326°K	397505	-176 Hz
2026-06-06 Saturday	00:00	235°	+7°	0 dB	0°	235°	+7°	294°	-17°	4.1dB	326°K	397424	-197 Hz
2026-06-06 Saturday	00:30	241°	+3°	0 dB	0°	241°	+3°	302°	-17°	4.1dB	326°K	397343	-213 Hz
2026-06-06 Saturday	16:00	115°	+3°	0 dB	0°	115°	+3°	167°	-14°	3.7dB	304°K	394633	+327 Hz
2026-06-06 Saturday	16:30	120°	+8°	0 dB	0°	120°	+8°	174°	-14°	3.7dB	303°K	394540	+313 Hz
2026-06-06 Saturday	17:00	126°	+12°	0 dB	0°	126°	+12°	182°	-13°	3.7dB	302°K	394446	+294 Hz
2026-06-06 Saturday	17:30	132°	+16°	0 dB	0°	132°	+16°	189°	-13°	3.6dB	301°K	394352	+272 Hz
2026-06-06 Saturday	18:00	138°	+20°	0 dB	0°	138°	+20°	196°	-13°	3.6dB	300°K	394258	+246 Hz
2026-06-06 Saturday	18:30	145°	+23°	0 dB	0°	145°	+23°	204°	-13°	3.6dB	299°K	394164	+216 Hz
2026-06-06 Saturday	19:00	152°	+26°	0 dB	0°	152°	+26°	211°	-13°	3.6dB	298°K	394069	+184 Hz
2026-06-06 Saturday	19:30	160°	+28°	0 dB	0°	160°	+28°	218°	-13°	3.6dB	297°K	393973	+149 Hz
2026-06-06 Saturday	20:00	168°	+29°	0 dB	0°	168°	+29°	225°	-13°	3.6dB	296°K	393877	+112 Hz
2026-06-06 Saturday	20:30	176°	+30°	0 dB	0°	176°	+30°	233°	-13°	3.5dB	294°K	393781	+75 Hz
2026-06-06 Saturday	21:00	184°	+30°	0 dB	0°	184°	+30°	240°	-13°	3.5dB	293°K	393685	+37 Hz
2026-06-06 Saturday	21:30	193°	+30°	0 dB	0°	193°	+30°	247°	-12°	3.5dB	291°K	393588	0 Hz
2026-06-06 Saturday	22:00	201°	+28°	0 dB	0°	201°	+28°	254°	-12°	3.5dB	289°K	393491	-37 Hz
2026-06-06 Saturday	22:30	208°	+26°	0 dB	0°	208°	+26°	262°	-12°	3.4dB	288°K	393394	-72 Hz
2026-06-06 Saturday	23:00	216°	+24°	0 dB	0°	216°	+24°	269°	-12°	3.4dB	286°K	393296	-105 Hz
2026-06-06 Saturday	23:30	223°	+21°	0 dB	0°	223°	+21°	276°	-12°	3.4dB	284°K	393198	-135 Hz
2026-06-07 Sunday	00:00	229°	+17°	0 dB	0°	229°	+17°	284°	-12°	3.4dB	283°K	393100	-161 Hz
2026-06-07 Sunday	00:30	236°	+13°	0 dB	0°	236°	+13°	291°	-12°	3.3dB	281°K	393001	-184 Hz
2026-06-07 Sunday	01:00	241°	+9°	0 dB	0°	241°	+9°	298°	-12°	3.3dB	279°K	392902	-203 Hz
2026-06-07 Sunday	01:30	247°	+4°	0 dB	0°	247°	+4°	305°	-12°	3.3dB	278°K	392802	-218 Hz
2026-06-07 Sunday	02:00	253°	-0°	0 dB	0°	253°	-0°	313°	-11°	3.3dB	276°K	392702	-227 Hz
2026-06-07 Sunday	16:00	103°	+0°	0 dB	0°	103°	+0°	157°	-8°	2.7dB	243°K	389777	+355 Hz
2026-06-07 Sunday	16:30	108°	+5°	0 dB	0°	108°	+5°	164°	-8°	2.7dB	243°K	389669	+347 Hz
2026-06-07 Sunday	17:00	114°	+10°	0 dB	0°	114°	+10°	171°	-8°	2.7dB	243°K	389559	+335 Hz
2026-06-07 Sunday	17:30	120°	+15°	0 dB	0°	120°	+15°	178°	-8°	2.7dB	243°K	389450	+318 Hz
2026-06-07 Sunday	18:00	126°	+19°	0 dB	0°	126°	+19°	186°	-8°	2.7dB	243°K	389340	+297 Hz
2026-06-07 Sunday	18:30	132°	+23°	0 dB	0°	132°	+23°	193°	-8°	2.7dB	243°K	389230	+271 Hz
2026-06-07 Sunday	19:00	139°	+27°	0 dB	0°	139°	+27°	200°	-7°	2.6dB	243°K	389120	+242 Hz
2026-06-07 Sunday	19:30	147°	+30°	0 dB	0°	147°	+30°	208°	-7°	2.6dB	243°K	389009	+210 Hz
2026-06-07 Sunday	20:00	155°	+33°	0 dB	0°	155°	+33°	215°	-7°	2.6dB	243°K	388898	+176 Hz
2026-06-07 Sunday	20:30	163°	+35°	0 dB	0°	163°	+35°	222°	-7°	2.6dB	243°K	388787	+139 Hz
2026-06-07 Sunday	21:00	172°	+36°	0 dB	0°	172°	+36°	229°	-7°	2.6dB	243°K	388676	+101 Hz
2026-06-07 Sunday	21:30	181°	+36°	0 dB	0°	181°	+36°	237°	-7°	2.6dB	243°K	388564	+62 Hz
2026-06-07 Sunday	22:00	190°	+36°	0 dB	0°	190°	+36°	244°	-7°	2.6dB	243°K	388452	+24 Hz
2026-06-07 Sunday	22:30	199°	+35°	0 dB	0°	199°	+35°	251°	-7°	2.6dB	243°K	388340	-14 Hz
2026-06-07 Sunday	23:00	207°	+33°	0 dB	0°	207°	+33°	259°	-6°	2.6dB	243°K	388227	-51 Hz
2026-06-07 Sunday	23:30	215°	+30°	0 dB	0°	215°	+30°	266°	-6°	2.6dB	243°K	388114	-85 Hz
2026-06-08 Monday	00:00	223°	+27°	0 dB	0°	223°	+27°	273°	-6°	2.6dB	243°K	388001	-117 Hz
2026-06-08 Monday	00:30	230°	+24°	0 dB	0°	230°	+24°	280°	-6°	2.6dB	243°K	387888	-146 Hz
2026-06-08 Monday	01:00	236°	+20°	0 dB	0°	236°	+20°	288°	-6°	2.6dB	243°K	387774	-171 Hz
2026-06-08 Monday	01:30	243°	+16°	0 dB	0°	243°	+16°	295°	-6°	2.6dB	243°K	387661	-192 Hz
2026-06-08 Monday	02:00	248°	+11°	0 dB	0°	248°	+11°	302°	-6°	2.6dB	243°K	387547	-209 Hz
2026-06-08 Monday	02:30	254°	+6°	0 dB	0°	254°	+6°	309°	-6°	2.6dB	243°K	387432	-221 Hz
2026-06-08 Monday	03:00	260°	+1°	0 dB	0°	260°	+1°	317°	-5°	2.6dB	243°K	387318	-228 Hz
2026-06-08 Monday	16:30	097°	+3°	0 dB	0°	097°	+3°	153°	-2°	2.4dB	239°K	384138	+367 Hz
2026-06-08 Monday	17:00	102°	+8°	0 dB	0°	102°	+8°	161°	-2°	2.4dB	239°K	384018	+362 Hz
2026-06-08 Monday	17:30	107°	+13°	0 dB	0°	107°	+13°	168°	-2°	2.4dB	239°K	383897	+351 Hz
2026-06-08 Monday	18:00	113°	+18°	0 dB	0°	113°	+18°	175°	-2°	2.3dB	239°K	383776	+336 Hz
2026-06-08 Monday	18:30	119°	+22°	0 dB	0°	119°	+22°	182°	-2°	2.3dB	239°K	383655	+316 Hz
2026-06-08 Monday	19:00	125°	+27°	0 dB	0°	125°	+27°	190°	-1°	2.3dB	239°K	383534	+292 Hz
2026-06-08 Monday	19:30	132°	+31°	0 dB	0°	132°	+31°	197°	-1°	2.3dB	239°K	383413	+264 Hz
2026-06-08 Monday	20:00	140°	+34°	0 dB	0°	140°	+34°	204°	-1°	2.3dB	239°K	383291	+233 Hz
2026-06-08 Monday	20:30	148°	+37°	0 dB	0°	148°	+37°	212°	-1°	2.3dB	239°K	383169	+199 Hz
2026-06-08 Monday	21:00	157°	+40°	0 dB	0°	157°	+40°	219°	-1°	2.3dB	239°K	383047	+162 Hz
2026-06-08 Monday	21:30	167°	+42°	0 dB	0°	167°	+42°	226°	-1°	2.3dB	239°K	382925	+124 Hz
2026-06-08 Monday	22:00	176°	+42°	0 dB	0°	176°	+42°	233°	-1°	2.3dB	239°K	382803	+85 Hz
2026-06-08 Monday	22:30	186°	+42°	0 dB	0°	186°	+42°	241°	-1°	2.3dB	239°K	382681	+46 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-08 Monday	23:00	196°	+42°	0 dB	0°	196°	+42°	248°	-0°	2.3dB	239°K	382558	+7 Hz
2026-06-08 Monday	23:30	206°	+40°	0 dB	0°	206°	+40°	255°	-0°	2.3dB	239°K	382436	-30 Hz
2026-06-09 Tuesday	00:00	215°	+37°	0 dB	0°	215°	+37°	263°	-0°	2.3dB	239°K	382313	-66 Hz
2026-06-09 Tuesday	00:30	223°	+34°	0 dB	0°	223°	+34°	270°	+0°	2.3dB	239°K	382190	-100 Hz
2026-06-09 Tuesday	01:00	230°	+31°	0 dB	0°	230°	+31°	277°	+0°	2.3dB	239°K	382067	-130 Hz
2026-06-09 Tuesday	01:30	237°	+27°	0 dB	0°	237°	+27°	284°	+0°	2.3dB	239°K	381944	-157 Hz
2026-06-09 Tuesday	02:00	244°	+22°	0 dB	0°	244°	+22°	292°	+0°	2.3dB	239°K	381821	-180 Hz
2026-06-09 Tuesday	02:30	250°	+18°	0 dB	0°	250°	+18°	299°	+1°	2.3dB	239°K	381697	-199 Hz
2026-06-09 Tuesday	03:00	256°	+13°	0 dB	0°	256°	+13°	306°	+1°	2.2dB	239°K	381574	-213 Hz
2026-06-09 Tuesday	03:30	261°	+8°	0 dB	0°	261°	+8°	313°	+1°	2.2dB	239°K	381450	-223 Hz
2026-06-09 Tuesday	04:00	267°	+3°	0 dB	0°	267°	+3°	321°	+1°	2.2dB	239°K	381326	-227 Hz
2026-06-09 Tuesday	16:30	085°	-0°	0 dB	0°	085°	-0°	143°	+4°	2.3dB	250°K	378207	+370 Hz
2026-06-09 Tuesday	17:00	090°	+5°	0 dB	0°	090°	+5°	150°	+4°	2.3dB	251°K	378081	+371 Hz
2026-06-09 Tuesday	17:30	095°	+10°	0 dB	0°	095°	+10°	157°	+4°	2.3dB	251°K	377956	+368 Hz
2026-06-09 Tuesday	18:00	100°	+15°	0 dB	0°	100°	+15°	164°	+5°	2.3dB	252°K	377831	+359 Hz
2026-06-09 Tuesday	18:30	106°	+20°	0 dB	0°	106°	+20°	172°	+5°	2.3dB	252°K	377705	+346 Hz
2026-06-09 Tuesday	19:00	112°	+25°	0 dB	0°	112°	+25°	179°	+5°	2.3dB	253°K	377580	+328 Hz
2026-06-09 Tuesday	19:30	118°	+30°	0 dB	0°	118°	+30°	186°	+5°	2.3dB	254°K	377454	+306 Hz
2026-06-09 Tuesday	20:00	125°	+34°	0 dB	0°	125°	+34°	193°	+5°	2.3dB	254°K	377329	+280 Hz
2026-06-09 Tuesday	20:30	132°	+38°	0 dB	0°	132°	+38°	201°	+5°	2.3dB	255°K	377203	+250 Hz
2026-06-09 Tuesday	21:00	141°	+42°	0 dB	0°	141°	+42°	208°	+5°	2.3dB	255°K	377078	+217 Hz
2026-06-09 Tuesday	21:30	150°	+45°	0 dB	0°	150°	+45°	215°	+5°	2.3dB	256°K	376953	+182 Hz
2026-06-09 Tuesday	22:00	160°	+47°	0 dB	0°	160°	+47°	223°	+6°	2.3dB	257°K	376827	+144 Hz
2026-06-09 Tuesday	22:30	170°	+49°	0 dB	0°	170°	+49°	230°	+6°	2.3dB	257°K	376702	+106 Hz
2026-06-09 Tuesday	23:00	182°	+49°	0 dB	0°	182°	+49°	237°	+6°	2.3dB	258°K	376576	+67 Hz
2026-06-09 Tuesday	23:30	193°	+49°	0 dB	0°	193°	+49°	244°	+6°	2.3dB	258°K	376451	+28 Hz
2026-06-10 Wednesday	00:00	203°	+47°	0 dB	0°	203°	+47°	252°	+6°	2.3dB	259°K	376326	-11 Hz
2026-06-10 Wednesday	00:30	213°	+45°	0 dB	0°	213°	+45°	259°	+6°	2.3dB	259°K	376201	-47 Hz
2026-06-10 Wednesday	01:00	222°	+42°	0 dB	0°	222°	+42°	266°	+6°	2.3dB	260°K	376076	-82 Hz
2026-06-10 Wednesday	01:30	231°	+38°	0 dB	0°	231°	+38°	273°	+7°	2.3dB	261°K	375950	-114 Hz
2026-06-10 Wednesday	02:00	238°	+34°	0 dB	0°	238°	+34°	281°	+7°	2.3dB	261°K	375825	-142 Hz
2026-06-10 Wednesday	02:30	245°	+30°	0 dB	0°	245°	+30°	288°	+7°	2.3dB	262°K	375700	-167 Hz
2026-06-10 Wednesday	03:00	252°	+25°	0 dB	0°	252°	+25°	295°	+7°	2.3dB	262°K	375575	-188 Hz
2026-06-10 Wednesday	03:30	257°	+20°	0 dB	0°	257°	+20°	302°	+7°	2.3dB	263°K	375450	-205 Hz
2026-06-10 Wednesday	04:00	263°	+16°	0 dB	0°	263°	+16°	310°	+7°	2.3dB	264°K	375326	-216 Hz
2026-06-10 Wednesday	04:30	269°	+11°	0 dB	0°	269°	+11°	317°	+7°	2.3dB	264°K	375201	-223 Hz
2026-06-10 Wednesday	05:00	274°	+6°	0 dB	0°	274°	+6°	324°	+7°	2.3dB	265°K	375076	-226 Hz
2026-06-10 Wednesday	05:30	279°	+1°	0 dB	0°	279°	+1°	331°	+8°	2.3dB	265°K	374952	-223 Hz
2026-06-10 Wednesday	17:00	077°	+1°	0 dB	0°	077°	+1°	138°	+11°	2.4dB	279°K	372118	+362 Hz
2026-06-10 Wednesday	17:30	082°	+6°	0 dB	0°	082°	+6°	146°	+11°	2.4dB	280°K	371996	+365 Hz
2026-06-10 Wednesday	18:00	087°	+12°	0 dB	0°	087°	+12°	153°	+11°	2.4dB	281°K	371875	+364 Hz
2026-06-10 Wednesday	18:30	092°	+17°	0 dB	0°	092°	+17°	160°	+11°	2.4dB	281°K	371754	+358 Hz
2026-06-10 Wednesday	19:00	098°	+22°	0 dB	0°	098°	+22°	167°	+11°	2.4dB	282°K	371633	+347 Hz
2026-06-10 Wednesday	19:30	103°	+27°	0 dB	0°	103°	+27°	175°	+11°	2.4dB	282°K	371513	+332 Hz
2026-06-10 Wednesday	20:00	109°	+32°	0 dB	0°	109°	+32°	182°	+11°	2.4dB	283°K	371392	+313 Hz
2026-06-10 Wednesday	20:30	116°	+37°	0 dB	0°	116°	+37°	189°	+11°	2.4dB	284°K	371272	+289 Hz
2026-06-10 Wednesday	21:00	123°	+41°	0 dB	0°	123°	+41°	196°	+12°	2.4dB	284°K	371152	+261 Hz
2026-06-10 Wednesday	21:30	131°	+45°	0 dB	0°	131°	+45°	204°	+12°	2.4dB	285°K	371033	+231 Hz
2026-06-10 Wednesday	22:00	140°	+49°	0 dB	0°	140°	+49°	211°	+12°	2.4dB	286°K	370913	+197 Hz
2026-06-10 Wednesday	22:30	150°	+52°	0 dB	0°	150°	+52°	218°	+12°	2.4dB	286°K	370794	+161 Hz
2026-06-10 Wednesday	23:00	162°	+54°	0 dB	0°	162°	+54°	225°	+12°	2.4dB	287°K	370675	+124 Hz
2026-06-10 Wednesday	23:30	174°	+55°	0 dB	0°	174°	+55°	233°	+12°	2.4dB	287°K	370556	+85 Hz
2026-06-11 Thursday	00:00	187°	+55°	0 dB	0°	187°	+55°	240°	+12°	2.4dB	288°K	370437	+47 Hz
2026-06-11 Thursday	00:30	199°	+54°	0 dB	0°	199°	+54°	247°	+12°	2.4dB	289°K	370319	+9 Hz
2026-06-11 Thursday	01:00	211°	+52°	0 dB	0°	211°	+52°	254°	+13°	2.4dB	289°K	370201	-28 Hz
2026-06-11 Thursday	01:30	221°	+50°	0 dB	0°	221°	+50°	262°	+13°	2.4dB	290°K	370083	-64 Hz
2026-06-11 Thursday	02:00	230°	+46°	0 dB	0°	230°	+46°	269°	+13°	2.4dB	291°K	369966	-97 Hz
2026-06-11 Thursday	02:30	239°	+42°	0 dB	0°	239°	+42°	276°	+13°	2.4dB	291°K	369848	-127 Hz
2026-06-11 Thursday	03:00	246°	+38°	0 dB	0°	246°	+38°	283°	+13°	2.4dB	292°K	369731	-154 Hz
2026-06-11 Thursday	03:30	253°	+33°	0 dB	0°	253°	+33°	291°	+13°	2.4dB	293°K	369615	-177 Hz
2026-06-11 Thursday	04:00	259°	+28°	0 dB	0°	259°	+28°	298°	+13°	2.4dB	293°K	369498	-195 Hz
2026-06-11 Thursday	04:30	264°	+23°	0 dB	0°	264°	+23°	305°	+13°	2.4dB	294°K	369382	-210 Hz
2026-06-11 Thursday	05:00	270°	+18°	0 dB	0°	270°	+18°	312°	+14°	2.4dB	295°K	369266	-219 Hz
2026-06-11 Thursday	05:30	275°	+13°	0 dB	0°	275°	+13°	320°	+14°	2.4dB	295°K	369150	-225 Hz
2026-06-11 Thursday	06:00	280°	+8°	0 dB	0°	280°	+8°	327°	+14°	2.4dB	296°K	369035	-225 Hz
2026-06-11 Thursday	06:30	285°	+4°	0 dB	0°	285°	+4°	334°	+14°	2.4dB	296°K	368920	-221 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-11 Thursday	17:30	069°	+2°	0 dB	0°	069°	+2°	133°	+17°	2.4dB	303°K	366476	+341 Hz
2026-06-11 Thursday	18:00	074°	+7°	0 dB	0°	074°	+7°	141°	+17°	2.4dB	303°K	366369	+347 Hz
2026-06-11 Thursday	18:30	079°	+12°	0 dB	0°	079°	+12°	148°	+17°	2.4dB	304°K	366263	+349 Hz
2026-06-11 Thursday	19:00	084°	+17°	0 dB	0°	084°	+17°	155°	+17°	2.4dB	305°K	366157	+347 Hz
2026-06-11 Thursday	19:30	089°	+22°	0 dB	0°	089°	+22°	162°	+17°	2.4dB	306°K	366052	+339 Hz
2026-06-11 Thursday	20:00	095°	+28°	0 dB	0°	095°	+28°	169°	+17°	2.4dB	308°K	365947	+327 Hz
2026-06-11 Thursday	20:30	100°	+33°	0 dB	0°	100°	+33°	177°	+17°	2.4dB	310°K	365842	+311 Hz
2026-06-11 Thursday	21:00	106°	+38°	0 dB	0°	106°	+38°	184°	+17°	2.5dB	311°K	365738	+291 Hz
2026-06-11 Thursday	21:30	113°	+43°	0 dB	0°	113°	+43°	191°	+18°	2.5dB	313°K	365634	+266 Hz
2026-06-11 Thursday	22:00	120°	+47°	0 dB	0°	120°	+47°	198°	+18°	2.5dB	315°K	365530	+239 Hz
2026-06-11 Thursday	22:30	128°	+51°	0 dB	0°	128°	+51°	206°	+18°	2.5dB	317°K	365428	+208 Hz
2026-06-11 Thursday	23:00	138°	+55°	0 dB	0°	138°	+55°	213°	+18°	2.5dB	318°K	365325	+174 Hz
2026-06-11 Thursday	23:30	150°	+58°	0 dB	0°	150°	+58°	220°	+18°	2.5dB	320°K	365223	+139 Hz
2026-06-12 Friday	00:00	163°	+61°	0 dB	0°	163°	+61°	227°	+18°	2.5dB	322°K	365122	+102 Hz
2026-06-12 Friday	00:30	177°	+62°	0 dB	0°	177°	+62°	235°	+18°	2.6dB	323°K	365021	+65 Hz
2026-06-12 Friday	01:00	191°	+61°	0 dB	0°	191°	+61°	242°	+18°	2.6dB	325°K	364920	+27 Hz
2026-06-12 Friday	01:30	205°	+60°	0 dB	0°	205°	+60°	249°	+18°	2.6dB	327°K	364820	-9 Hz
2026-06-12 Friday	02:00	218°	+57°	0 dB	0°	218°	+57°	256°	+19°	2.6dB	329°K	364720	-45 Hz
2026-06-12 Friday	02:30	228°	+54°	0 dB	0°	228°	+54°	263°	+19°	2.6dB	330°K	364621	-79 Hz
2026-06-12 Friday	03:00	238°	+50°	0 dB	0°	238°	+50°	271°	+19°	2.6dB	332°K	364522	-110 Hz
2026-06-12 Friday	03:30	246°	+46°	0 dB	0°	246°	+46°	278°	+19°	2.6dB	334°K	364424	-139 Hz
2026-06-12 Friday	04:00	253°	+41°	0 dB	0°	253°	+41°	285°	+19°	2.7dB	336°K	364327	-164 Hz
2026-06-12 Friday	04:30	259°	+36°	0 dB	0°	259°	+36°	292°	+19°	2.7dB	337°K	364229	-185 Hz
2026-06-12 Friday	05:00	265°	+31°	0 dB	0°	265°	+31°	300°	+19°	2.7dB	339°K	364133	-203 Hz
2026-06-12 Friday	05:30	270°	+26°	0 dB	0°	270°	+26°	307°	+19°	2.7dB	341°K	364037	-216 Hz
2026-06-12 Friday	06:00	275°	+21°	0 dB	0°	275°	+21°	314°	+19°	2.7dB	343°K	363941	-224 Hz
2026-06-12 Friday	06:30	280°	+16°	0 dB	0°	280°	+16°	321°	+20°	2.7dB	344°K	363846	-228 Hz
2026-06-12 Friday	07:00	285°	+12°	0 dB	0°	285°	+12°	328°	+20°	2.7dB	346°K	363751	-228 Hz
2026-06-12 Friday	07:30	290°	+7°	0 dB	0°	290°	+7°	336°	+20°	2.8dB	348°K	363657	-223 Hz
2026-06-12 Friday	08:00	296°	+2°	0 dB	0°	296°	+2°	343°	+20°	2.8dB	349°K	363564	-213 Hz
2026-06-12 Friday	18:00	061°	+2°	0 dB	0°	061°	+2°	127°	+22°	2.9dB	367°K	361811	+309 Hz
2026-06-12 Friday	18:30	066°	+7°	0 dB	0°	066°	+7°	134°	+22°	2.9dB	368°K	361729	+318 Hz
2026-06-12 Friday	19:00	071°	+12°	0 dB	0°	071°	+12°	141°	+22°	2.9dB	368°K	361648	+324 Hz
2026-06-12 Friday	19:30	076°	+17°	0 dB	0°	076°	+17°	149°	+22°	2.9dB	369°K	361568	+325 Hz
2026-06-12 Friday	20:00	081°	+22°	0 dB	0°	081°	+22°	156°	+22°	2.9dB	368°K	361489	+321 Hz
2026-06-12 Friday	20:30	086°	+27°	0 dB	0°	086°	+27°	163°	+22°	2.9dB	367°K	361410	+314 Hz
2026-06-12 Friday	21:00	091°	+32°	0 dB	0°	091°	+32°	170°	+22°	2.8dB	366°K	361331	+302 Hz
2026-06-12 Friday	21:30	096°	+37°	0 dB	0°	096°	+37°	177°	+23°	2.8dB	365°K	361254	+285 Hz
2026-06-12 Friday	22:00	102°	+42°	0 dB	0°	102°	+42°	185°	+23°	2.8dB	364°K	361177	+265 Hz
2026-06-12 Friday	22:30	108°	+47°	0 dB	0°	108°	+47°	192°	+23°	2.8dB	364°K	361100	+241 Hz
2026-06-12 Friday	23:00	115°	+51°	0 dB	0°	115°	+51°	199°	+23°	2.8dB	363°K	361025	+214 Hz
2026-06-12 Friday	23:30	124°	+56°	0 dB	0°	124°	+56°	206°	+23°	2.8dB	362°K	360950	+184 Hz
2026-06-13 Saturday	00:00	134°	+60°	0 dB	0°	134°	+60°	213°	+23°	2.8dB	361°K	360875	+152 Hz
2026-06-13 Saturday	00:30	146°	+63°	0 dB	0°	146°	+63°	221°	+23°	2.8dB	360°K	360801	+118 Hz
2026-06-13 Saturday	01:00	161°	+66°	0 dB	0°	161°	+66°	228°	+23°	2.7dB	359°K	360728	+82 Hz
2026-06-13 Saturday	01:30	177°	+67°	0 dB	0°	177°	+67°	235°	+23°	2.7dB	358°K	360656	+46 Hz
2026-06-13 Saturday	02:00	194°	+66°	0 dB	0°	194°	+66°	242°	+23°	2.7dB	357°K	360584	+10 Hz
2026-06-13 Saturday	02:30	210°	+64°	0 dB	0°	210°	+64°	249°	+23°	2.7dB	356°K	360513	-26 Hz
2026-06-13 Saturday	03:00	223°	+61°	0 dB	0°	223°	+61°	257°	+23°	2.7dB	355°K	360443	-60 Hz
2026-06-13 Saturday	03:30	234°	+58°	0 dB	0°	234°	+58°	264°	+24°	2.7dB	354°K	360373	-93 Hz
2026-06-13 Saturday	04:00	243°	+53°	0 dB	0°	243°	+53°	271°	+24°	2.7dB	353°K	360304	-123 Hz
2026-06-13 Saturday	04:30	251°	+49°	0 dB	0°	251°	+49°	278°	+24°	2.6dB	352°K	360236	-150 Hz
2026-06-13 Saturday	05:00	258°	+44°	0 dB	0°	258°	+44°	285°	+24°	2.6dB	351°K	360168	-175 Hz
2026-06-13 Saturday	05:30	264°	+39°	0 dB	0°	264°	+39°	293°	+24°	2.6dB	350°K	360101	-195 Hz
2026-06-13 Saturday	06:00	269°	+34°	0 dB	0°	269°	+34°	300°	+24°	2.6dB	349°K	360035	-212 Hz
2026-06-13 Saturday	06:30	274°	+29°	0 dB	0°	274°	+29°	307°	+24°	2.6dB	348°K	359969	-224 Hz
2026-06-13 Saturday	07:00	279°	+24°	0 dB	0°	279°	+24°	314°	+24°	2.6dB	348°K	359905	-233 Hz
2026-06-13 Saturday	07:30	284°	+19°	0 dB	0°	284°	+19°	321°	+24°	2.6dB	349°K	359840	-237 Hz
2026-06-13 Saturday	08:00	289°	+15°	0 dB	0°	289°	+15°	328°	+24°	2.6dB	350°K	359777	-236 Hz
2026-06-13 Saturday	08:30	294°	+10°	0 dB	0°	294°	+10°	336°	+24°	2.6dB	350°K	359714	-232 Hz
2026-06-13 Saturday	09:00	299°	+6°	0 dB	0°	299°	+6°	343°	+24°	2.6dB	351°K	359652	-223 Hz
2026-06-13 Saturday	09:30	304°	+1°	0 dB	0°	304°	+1°	350°	+25°	2.6dB	352°K	359591	-210 Hz
2026-06-13 Saturday	18:30	054°	+1°	0 dB	0°	054°	+1°	119°	+26°	2.7dB	370°K	358615	+266 Hz
2026-06-13 Saturday	19:00	059°	+5°	0 dB	0°	059°	+5°	126°	+26°	2.8dB	372°K	358568	+279 Hz
2026-06-13 Saturday	19:30	063°	+9°	0 dB	0°	063°	+9°	134°	+26°	2.8dB	373°K	358522	+289 Hz
2026-06-13 Saturday	20:00	068°	+14°	0 dB	0°	068°	+14°	141°	+26°	2.8dB	375°K	358476	+294 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-13 Saturday	20:30	073°	+19°	0 dB	0°	073°	+19°	148°	+26°	2.8dB	376°K	358431	+296 Hz
2026-06-13 Saturday	21:00	077°	+24°	0 dB	0°	077°	+24°	155°	+26°	2.8dB	377°K	358388	+293 Hz
2026-06-13 Saturday	21:30	082°	+29°	0 dB	0°	082°	+29°	162°	+26°	2.8dB	379°K	358344	+286 Hz
2026-06-13 Saturday	22:00	087°	+34°	0 dB	0°	087°	+34°	170°	+26°	2.8dB	380°K	358302	+274 Hz
2026-06-13 Saturday	22:30	092°	+39°	0 dB	0°	092°	+39°	177°	+26°	2.9dB	382°K	358261	+259 Hz
2026-06-13 Saturday	23:00	097°	+44°	0 dB	0°	097°	+44°	184°	+26°	2.9dB	383°K	358220	+240 Hz
2026-06-13 Saturday	23:30	103°	+49°	0 dB	0°	103°	+49°	191°	+26°	2.9dB	385°K	358180	+217 Hz
2026-06-14 Sunday	00:00	110°	+54°	0 dB	0°	110°	+54°	198°	+26°	2.9dB	386°K	358141	+191 Hz
2026-06-14 Sunday	00:30	118°	+58°	0 dB	0°	118°	+58°	205°	+26°	2.9dB	387°K	358102	+163 Hz
2026-06-14 Sunday	01:00	128°	+62°	0 dB	0°	128°	+62°	213°	+27°	2.9dB	389°K	358065	+131 Hz
2026-06-14 Sunday	01:30	141°	+66°	0 dB	0°	141°	+66°	220°	+27°	2.9dB	390°K	358028	+98 Hz
2026-06-14 Sunday	02:00	156°	+69°	0 dB	0°	156°	+69°	227°	+27°	2.9dB	392°K	357992	+64 Hz
2026-06-14 Sunday	02:30	175°	+70°	0 dB	0°	175°	+70°	234°	+27°	2.9dB	393°K	357957	+29 Hz
2026-06-14 Sunday	03:00	194°	+70°	0 dB	0°	194°	+70°	241°	+27°	3.0dB	394°K	357922	-6 Hz
2026-06-14 Sunday	03:30	211°	+68°	0 dB	0°	211°	+68°	248°	+27°	3.0dB	396°K	357889	-41 Hz
2026-06-14 Sunday	04:00	225°	+65°	0 dB	0°	225°	+65°	256°	+27°	3.0dB	397°K	357856	-74 Hz
2026-06-14 Sunday	04:30	237°	+61°	0 dB	0°	237°	+61°	263°	+27°	3.0dB	399°K	357824	-106 Hz
2026-06-14 Sunday	05:00	246°	+56°	0 dB	0°	246°	+56°	270°	+27°	3.0dB	400°K	357793	-136 Hz
2026-06-14 Sunday	05:30	254°	+52°	0 dB	0°	254°	+52°	277°	+27°	3.0dB	402°K	357763	-163 Hz
2026-06-14 Sunday	06:00	260°	+47°	0 dB	0°	260°	+47°	284°	+27°	3.0dB	403°K	357733	-187 Hz
2026-06-14 Sunday	06:30	266°	+42°	0 dB	0°	266°	+42°	291°	+27°	3.0dB	405°K	357705	-208 Hz
2026-06-14 Sunday	07:00	271°	+37°	0 dB	0°	271°	+37°	299°	+27°	3.1dB	407°K	357677	-225 Hz
2026-06-14 Sunday	07:30	276°	+32°	0 dB	0°	276°	+32°	306°	+27°	3.1dB	408°K	357650	-238 Hz
2026-06-14 Sunday	08:00	281°	+27°	0 dB	0°	281°	+27°	313°	+27°	3.1dB	410°K	357624	-247 Hz
2026-06-14 Sunday	08:30	286°	+22°	0 dB	0°	286°	+22°	320°	+27°	3.1dB	412°K	357598	-252 Hz
2026-06-14 Sunday	09:00	290°	+18°	0 dB	0°	290°	+18°	327°	+27°	3.1dB	413°K	357574	-252 Hz
2026-06-14 Sunday	09:30	295°	+13°	0 dB	0°	295°	+13°	334°	+27°	3.1dB	415°K	357550	-249 Hz
2026-06-14 Sunday	10:00	300°	+9°	0 dB	0°	300°	+9°	342°	+27°	3.1dB	417°K	357527	-241 Hz
2026-06-14 Sunday	10:30	305°	+4°	0 dB	0°	305°	+4°	349°	+27°	3.2dB	418°K	357505	-230 Hz
2026-06-14 Sunday	11:00	310°	+0°	0 dB	0°	310°	+0°	356°	+27°	3.2dB	420°K	357484	-214 Hz
2026-06-14 Sunday	19:30	051°	+2°	0 dB	0°	051°	+2°	118°	+28°	3.5dB	SUN!	357251	+234 Hz
2026-06-14 Sunday	20:00	056°	+6°	0 dB	0°	056°	+6°	125°	+28°	3.5dB	SUN!	357245	+248 Hz
2026-06-14 Sunday	20:30	061°	+10°	0 dB	0°	061°	+10°	132°	+28°	3.6dB	SUN!	357240	+258 Hz
2026-06-14 Sunday	21:00	065°	+14°	0 dB	0°	065°	+14°	139°	+28°	3.6dB	SUN!	357236	+265 Hz
2026-06-14 Sunday	21:30	070°	+19°	0 dB	0°	070°	+19°	146°	+28°	3.6dB	SUN!	357232	+267 Hz
2026-06-14 Sunday	22:00	075°	+24°	0 dB	0°	075°	+24°	153°	+28°	3.6dB	SUN!	357229	+266 Hz
2026-06-14 Sunday	22:30	079°	+29°	0 dB	0°	079°	+29°	161°	+28°	3.7dB	SUN!	357227	+260 Hz
2026-06-14 Sunday	23:00	084°	+34°	0 dB	0°	084°	+34°	168°	+28°	3.7dB	SUN!	357226	+250 Hz
2026-06-14 Sunday	23:30	089°	+39°	0 dB	0°	089°	+39°	175°	+28°	3.7dB	SUN!	357226	+236 Hz
2026-06-15 Monday	00:00	094°	+44°	0 dB	0°	094°	+44°	182°	+28°	3.7dB	SUN!	357227	+218 Hz
2026-06-15 Monday	00:30	100°	+49°	0 dB	0°	100°	+49°	189°	+28°	3.8dB	SUN!	357229	+197 Hz
2026-06-15 Monday	01:00	106°	+53°	0 dB	0°	106°	+53°	196°	+28°	3.8dB	SUN!	357231	+172 Hz
2026-06-15 Monday	01:30	114°	+58°	0 dB	0°	114°	+58°	204°	+28°	3.8dB	SUN!	357234	+144 Hz
2026-06-15 Monday	02:00	124°	+63°	0 dB	0°	124°	+63°	211°	+28°	3.8dB	SUN!	357238	+114 Hz
2026-06-15 Monday	02:30	136°	+66°	0 dB	0°	136°	+66°	218°	+28°	3.8dB	SUN!	357243	+82 Hz
2026-06-15 Monday	03:00	151°	+69°	0 dB	0°	151°	+69°	225°	+28°	3.8dB	SUN!	357249	+49 Hz
2026-06-15 Monday	03:30	169°	+71°	0 dB	0°	169°	+71°	232°	+28°	3.8dB	SUN!	357255	+14 Hz
2026-06-15 Monday	04:00	189°	+71°	0 dB	0°	189°	+71°	239°	+28°	3.8dB	SUN!	357263	-20 Hz
2026-06-15 Monday	04:30	208°	+70°	0 dB	0°	208°	+70°	247°	+28°	3.8dB	SUN!	357271	-55 Hz
2026-06-15 Monday	05:00	224°	+67°	0 dB	0°	224°	+67°	254°	+28°	3.8dB	SUN!	357280	-88 Hz
2026-06-15 Monday	05:30	236°	+63°	0 dB	0°	236°	+63°	261°	+28°	3.8dB	SUN!	357290	-120 Hz
2026-06-15 Monday	06:00	245°	+58°	0 dB	0°	245°	+58°	268°	+28°	3.8dB	SUN!	357301	-150 Hz
2026-06-15 Monday	06:30	253°	+54°	0 dB	0°	253°	+54°	275°	+28°	3.8dB	SUN!	357313	-178 Hz
2026-06-15 Monday	07:00	260°	+49°	0 dB	0°	260°	+49°	282°	+28°	3.8dB	SUN!	357326	-203 Hz
2026-06-15 Monday	07:30	266°	+44°	0 dB	0°	266°	+44°	290°	+28°	3.8dB	SUN!	357339	-225 Hz
2026-06-15 Monday	08:00	271°	+39°	0 dB	0°	271°	+39°	297°	+28°	3.8dB	SUN!	357353	-243 Hz
2026-06-15 Monday	08:30	276°	+34°	0 dB	0°	276°	+34°	304°	+28°	3.8dB	SUN!	357368	-257 Hz
2026-06-15 Monday	09:00	281°	+29°	0 dB	0°	281°	+29°	311°	+28°	3.8dB	SUN!	357384	-267 Hz
2026-06-15 Monday	09:30	285°	+24°	0 dB	0°	285°	+24°	318°	+28°	3.8dB	SUN!	357401	-273 Hz
2026-06-15 Monday	10:00	290°	+19°	0 dB	0°	290°	+19°	325°	+28°	3.8dB	SUN!	357418	-275 Hz
2026-06-15 Monday	10:30	294°	+15°	0 dB	0°	294°	+15°	332°	+28°	3.8dB	SUN!	357437	-273 Hz
2026-06-15 Monday	11:00	299°	+10°	0 dB	0°	299°	+10°	340°	+28°	3.8dB	SUN!	357456	-266 Hz
2026-06-15 Monday	11:30	304°	+6°	0 dB	0°	304°	+6°	347°	+28°	3.8dB	SUN!	357476	-256 Hz
2026-06-15 Monday	12:00	309°	+2°	0 dB	0°	309°	+2°	354°	+28°	3.8dB	SUN!	357497	-243 Hz
2026-06-15 Monday	20:30	050°	+0°	0 dB	0°	050°	+0°	116°	+28°	3.3dB	431°K	357981	+206 Hz
2026-06-15 Monday	21:00	055°	+4°	0 dB	0°	055°	+4°	123°	+28°	3.3dB	427°K	358016	+221 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-15 Monday	21:30	060°	+8°	0 dB	0°	060°	+8°	130°	+28°	3.2dB	423°K	358053	+232 Hz
2026-06-15 Monday	22:00	065°	+13°	0 dB	0°	065°	+13°	137°	+27°	3.2dB	419°K	358091	+240 Hz
2026-06-15 Monday	22:30	069°	+17°	0 dB	0°	069°	+17°	144°	+27°	3.2dB	415°K	358129	+244 Hz
2026-06-15 Monday	23:00	074°	+22°	0 dB	0°	074°	+22°	152°	+27°	3.1dB	412°K	358168	+244 Hz
2026-06-15 Monday	23:30	078°	+27°	0 dB	0°	078°	+27°	159°	+27°	3.1dB	410°K	358208	+239 Hz
2026-06-16 Tuesday	00:00	083°	+32°	0 dB	0°	083°	+32°	166°	+27°	3.1dB	408°K	358248	+230 Hz
2026-06-16 Tuesday	00:30	088°	+37°	0 dB	0°	088°	+37°	173°	+27°	3.1dB	406°K	358290	+218 Hz
2026-06-16 Tuesday	01:00	093°	+42°	0 dB	0°	093°	+42°	180°	+27°	3.1dB	404°K	358332	+201 Hz
2026-06-16 Tuesday	01:30	099°	+47°	0 dB	0°	099°	+47°	187°	+27°	3.0dB	402°K	358375	+180 Hz
2026-06-16 Tuesday	02:00	106°	+52°	0 dB	0°	106°	+52°	195°	+27°	3.0dB	399°K	358419	+157 Hz
2026-06-16 Tuesday	02:30	113°	+56°	0 dB	0°	113°	+56°	202°	+27°	3.0dB	397°K	358464	+130 Hz
2026-06-16 Tuesday	03:00	122°	+61°	0 dB	0°	122°	+61°	209°	+27°	3.0dB	395°K	358509	+100 Hz
2026-06-16 Tuesday	03:30	134°	+65°	0 dB	0°	134°	+65°	216°	+27°	3.0dB	393°K	358556	+68 Hz
2026-06-16 Tuesday	04:00	148°	+68°	0 dB	0°	148°	+68°	223°	+27°	3.0dB	391°K	358603	+35 Hz
2026-06-16 Tuesday	04:30	165°	+70°	0 dB	0°	165°	+70°	230°	+27°	2.9dB	389°K	358650	0 Hz
2026-06-16 Tuesday	05:00	184°	+70°	0 dB	0°	184°	+70°	238°	+27°	2.9dB	387°K	358699	-35 Hz
2026-06-16 Tuesday	05:30	203°	+69°	0 dB	0°	203°	+69°	245°	+27°	2.9dB	385°K	358748	-69 Hz
2026-06-16 Tuesday	06:00	219°	+67°	0 dB	0°	219°	+67°	252°	+27°	2.9dB	383°K	358799	-104 Hz
2026-06-16 Tuesday	06:30	231°	+63°	0 dB	0°	231°	+63°	259°	+27°	2.9dB	381°K	358850	-137 Hz
2026-06-16 Tuesday	07:00	241°	+59°	0 dB	0°	241°	+59°	266°	+27°	2.9dB	379°K	358901	-168 Hz
2026-06-16 Tuesday	07:30	250°	+54°	0 dB	0°	250°	+54°	273°	+27°	2.8dB	377°K	358954	-197 Hz
2026-06-16 Tuesday	08:00	257°	+49°	0 dB	0°	257°	+49°	281°	+27°	2.8dB	375°K	359007	-223 Hz
2026-06-16 Tuesday	08:30	263°	+44°	0 dB	0°	263°	+44°	288°	+27°	2.8dB	373°K	359061	-245 Hz
2026-06-16 Tuesday	09:00	268°	+39°	0 dB	0°	268°	+39°	295°	+27°	2.8dB	371°K	359116	-265 Hz
2026-06-16 Tuesday	09:30	273°	+34°	0 dB	0°	273°	+34°	302°	+27°	2.8dB	369°K	359171	-280 Hz
2026-06-16 Tuesday	10:00	278°	+29°	0 dB	0°	278°	+29°	309°	+26°	2.7dB	366°K	359228	-292 Hz
2026-06-16 Tuesday	10:30	283°	+24°	0 dB	0°	283°	+24°	316°	+26°	2.7dB	363°K	359285	-299 Hz
2026-06-16 Tuesday	11:00	287°	+19°	0 dB	0°	287°	+19°	324°	+26°	2.7dB	360°K	359343	-302 Hz
2026-06-16 Tuesday	11:30	292°	+15°	0 dB	0°	292°	+15°	331°	+26°	2.7dB	357°K	359401	-301 Hz
2026-06-16 Tuesday	12:00	297°	+10°	0 dB	0°	297°	+10°	338°	+26°	2.6dB	354°K	359460	-296 Hz
2026-06-16 Tuesday	12:30	301°	+6°	0 dB	0°	301°	+6°	345°	+26°	2.6dB	351°K	359520	-286 Hz
2026-06-16 Tuesday	13:00	306°	+1°	0 dB	0°	306°	+1°	352°	+26°	2.6dB	348°K	359581	-273 Hz
2026-06-16 Tuesday	22:00	056°	+2°	0 dB	0°	056°	+2°	122°	+25°	2.0dB	293°K	360799	+202 Hz
2026-06-16 Tuesday	22:30	061°	+6°	0 dB	0°	061°	+6°	129°	+25°	2.0dB	289°K	360873	+215 Hz
2026-06-16 Tuesday	23:00	066°	+10°	0 dB	0°	066°	+10°	136°	+25°	1.9dB	286°K	360948	+223 Hz
2026-06-16 Tuesday	23:30	070°	+15°	0 dB	0°	070°	+15°	143°	+25°	1.9dB	282°K	361024	+228 Hz
2026-06-17 Wednesday	00:00	075°	+20°	0 dB	0°	075°	+20°	150°	+25°	1.8dB	279°K	361100	+229 Hz
2026-06-17 Wednesday	00:30	080°	+24°	0 dB	0°	080°	+24°	158°	+25°	1.8dB	275°K	361177	+225 Hz
2026-06-17 Wednesday	01:00	085°	+29°	0 dB	0°	085°	+29°	165°	+25°	1.8dB	272°K	361255	+217 Hz
2026-06-17 Wednesday	01:30	090°	+34°	0 dB	0°	090°	+34°	172°	+25°	1.7dB	269°K	361333	+205 Hz
2026-06-17 Wednesday	02:00	095°	+39°	0 dB	0°	095°	+39°	179°	+24°	1.7dB	265°K	361412	+189 Hz
2026-06-17 Wednesday	02:30	101°	+44°	0 dB	0°	101°	+44°	186°	+24°	1.6dB	262°K	361492	+168 Hz
2026-06-17 Wednesday	03:00	108°	+49°	0 dB	0°	108°	+49°	194°	+24°	1.6dB	258°K	361572	+145 Hz
2026-06-17 Wednesday	03:30	116°	+54°	0 dB	0°	116°	+54°	201°	+24°	1.5dB	255°K	361653	+117 Hz
2026-06-17 Wednesday	04:00	125°	+58°	0 dB	0°	125°	+58°	208°	+24°	1.5dB	251°K	361735	+88 Hz
2026-06-17 Wednesday	04:30	136°	+62°	0 dB	0°	136°	+62°	215°	+24°	1.5dB	248°K	361817	+55 Hz
2026-06-17 Wednesday	05:00	149°	+65°	0 dB	0°	149°	+65°	222°	+24°	1.4dB	245°K	361900	+21 Hz
2026-06-17 Wednesday	05:30	164°	+67°	0 dB	0°	164°	+67°	229°	+24°	1.4dB	241°K	361983	-14 Hz
2026-06-17 Wednesday	06:00	181°	+67°	0 dB	0°	181°	+67°	237°	+24°	1.3dB	238°K	362067	-50 Hz
2026-06-17 Wednesday	06:30	198°	+66°	0 dB	0°	198°	+66°	244°	+24°	1.3dB	234°K	362152	-86 Hz
2026-06-17 Wednesday	07:00	213°	+64°	0 dB	0°	213°	+64°	251°	+24°	1.2dB	231°K	362238	-121 Hz
2026-06-17 Wednesday	07:30	226°	+61°	0 dB	0°	226°	+61°	258°	+24°	1.2dB	227°K	362324	-156 Hz
2026-06-17 Wednesday	08:00	236°	+57°	0 dB	0°	236°	+57°	265°	+23°	1.1dB	225°K	362410	-188 Hz
2026-06-17 Wednesday	08:30	245°	+52°	0 dB	0°	245°	+52°	273°	+23°	1.1dB	224°K	362497	-218 Hz
2026-06-17 Wednesday	09:00	252°	+47°	0 dB	0°	252°	+47°	280°	+23°	1.1dB	223°K	362585	-245 Hz
2026-06-17 Wednesday	09:30	259°	+43°	0 dB	0°	259°	+43°	287°	+23°	1.1dB	222°K	362674	-269 Hz
2026-06-17 Wednesday	10:00	264°	+37°	0 dB	0°	264°	+37°	294°	+23°	1.1dB	221°K	362763	-289 Hz
2026-06-17 Wednesday	10:30	270°	+32°	0 dB	0°	270°	+32°	301°	+23°	1.1dB	220°K	362852	-306 Hz
2026-06-17 Wednesday	11:00	275°	+27°	0 dB	0°	275°	+27°	309°	+23°	1.1dB	218°K	362942	-318 Hz
2026-06-17 Wednesday	11:30	279°	+22°	0 dB	0°	279°	+22°	316°	+23°	1.1dB	217°K	363033	-326 Hz
2026-06-17 Wednesday	12:00	284°	+17°	0 dB	0°	284°	+17°	323°	+23°	1.0dB	216°K	363124	-330 Hz
2026-06-17 Wednesday	12:30	289°	+12°	0 dB	0°	289°	+12°	330°	+23°	1.0dB	215°K	363216	-329 Hz
2026-06-17 Wednesday	13:00	294°	+8°	0 dB	0°	294°	+8°	337°	+23°	1.0dB	214°K	363309	-323 Hz
2026-06-17 Wednesday	13:30	299°	+3°	0 dB	0°	299°	+3°	345°	+23°	1.0dB	213°K	363402	-314 Hz
2026-06-17 Wednesday	23:30	064°	+3°	0 dB	0°	064°	+3°	129°	+21°	0.7dB	191°K	365376	+206 Hz
2026-06-18 Thursday	00:00	069°	+7°	0 dB	0°	069°	+7°	136°	+21°	0.7dB	190°K	365479	+216 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-18 Thursday	00:30	074°	+12°	0 dB	0°	074°	+12°	143°	+20°	0.7dB	189°K	365584	+221 Hz
2026-06-18 Thursday	01:00	079°	+17°	0 dB	0°	079°	+17°	150°	+20°	0.7dB	188°K	365689	+222 Hz
2026-06-18 Thursday	01:30	084°	+21°	0 dB	0°	084°	+21°	158°	+20°	0.7dB	187°K	365794	+218 Hz
2026-06-18 Thursday	02:00	089°	+26°	0 dB	0°	089°	+26°	165°	+20°	0.7dB	186°K	365900	+210 Hz
2026-06-18 Thursday	02:30	094°	+31°	0 dB	0°	094°	+31°	172°	+20°	0.7dB	185°K	366006	+197 Hz
2026-06-18 Thursday	03:00	100°	+36°	0 dB	0°	100°	+36°	179°	+20°	0.6dB	184°K	366113	+180 Hz
2026-06-18 Thursday	03:30	106°	+41°	0 dB	0°	106°	+41°	187°	+20°	0.6dB	183°K	366220	+159 Hz
2026-06-18 Thursday	04:00	113°	+46°	0 dB	0°	113°	+46°	194°	+20°	0.6dB	182°K	366328	+134 Hz
2026-06-18 Thursday	04:30	121°	+50°	0 dB	0°	121°	+50°	201°	+20°	0.6dB	181°K	366436	+106 Hz
2026-06-18 Thursday	05:00	130°	+54°	0 dB	0°	130°	+54°	208°	+19°	0.6dB	180°K	366545	+75 Hz
2026-06-18 Thursday	05:30	141°	+58°	0 dB	0°	141°	+58°	215°	+19°	0.6dB	179°K	366654	+42 Hz
2026-06-18 Thursday	06:00	153°	+60°	0 dB	0°	153°	+60°	223°	+19°	0.6dB	178°K	366763	+6 Hz
2026-06-18 Thursday	06:30	167°	+62°	0 dB	0°	167°	+62°	230°	+19°	0.6dB	177°K	366873	-30 Hz
2026-06-18 Thursday	07:00	182°	+62°	0 dB	0°	182°	+62°	237°	+19°	0.5dB	175°K	366983	-67 Hz
2026-06-18 Thursday	07:30	197°	+61°	0 dB	0°	197°	+61°	244°	+19°	0.5dB	174°K	367093	-105 Hz
2026-06-18 Thursday	08:00	210°	+59°	0 dB	0°	210°	+59°	252°	+19°	0.5dB	174°K	367204	-141 Hz
2026-06-18 Thursday	08:30	222°	+56°	0 dB	0°	222°	+56°	259°	+19°	0.5dB	174°K	367316	-176 Hz
2026-06-18 Thursday	09:00	232°	+52°	0 dB	0°	232°	+52°	266°	+19°	0.5dB	174°K	367428	-210 Hz
2026-06-18 Thursday	09:30	240°	+48°	0 dB	0°	240°	+48°	273°	+19°	0.6dB	175°K	367540	-241 Hz
2026-06-18 Thursday	10:00	248°	+43°	0 dB	0°	248°	+43°	280°	+18°	0.6dB	175°K	367652	-268 Hz
2026-06-18 Thursday	10:30	254°	+39°	0 dB	0°	254°	+39°	288°	+18°	0.6dB	175°K	367765	-293 Hz
2026-06-18 Thursday	11:00	260°	+34°	0 dB	0°	260°	+34°	295°	+18°	0.6dB	176°K	367879	-313 Hz
2026-06-18 Thursday	11:30	266°	+29°	0 dB	0°	266°	+29°	302°	+18°	0.6dB	176°K	367992	-330 Hz
2026-06-18 Thursday	12:00	271°	+23°	0 dB	0°	271°	+23°	309°	+18°	0.6dB	176°K	368106	-342 Hz
2026-06-18 Thursday	12:30	276°	+18°	0 dB	0°	276°	+18°	317°	+18°	0.6dB	177°K	368221	-350 Hz
2026-06-18 Thursday	13:00	281°	+13°	0 dB	0°	281°	+13°	324°	+18°	0.6dB	177°K	368336	-353 Hz
2026-06-18 Thursday	13:30	286°	+8°	0 dB	0°	286°	+8°	331°	+18°	0.6dB	177°K	368451	-351 Hz
2026-06-18 Thursday	14:00	291°	+3°	0 dB	0°	291°	+3°	338°	+18°	0.7dB	178°K	368566	-345 Hz
2026-06-19 Friday	01:00	074°	+4°	0 dB	0°	074°	+4°	138°	+15°	0.9dB	184°K	371186	+216 Hz
2026-06-19 Friday	01:30	079°	+9°	0 dB	0°	079°	+9°	145°	+15°	0.9dB	184°K	371308	+220 Hz
2026-06-19 Friday	02:00	084°	+14°	0 dB	0°	084°	+14°	152°	+15°	0.9dB	184°K	371430	+220 Hz
2026-06-19 Friday	02:30	089°	+19°	0 dB	0°	089°	+19°	159°	+15°	0.9dB	184°K	371553	+215 Hz
2026-06-19 Friday	03:00	094°	+24°	0 dB	0°	094°	+24°	166°	+14°	0.9dB	184°K	371676	+206 Hz
2026-06-19 Friday	03:30	100°	+29°	0 dB	0°	100°	+29°	174°	+14°	0.9dB	184°K	371799	+192 Hz
2026-06-19 Friday	04:00	106°	+33°	0 dB	0°	106°	+33°	181°	+14°	0.9dB	184°K	371922	+173 Hz
2026-06-19 Friday	04:30	113°	+38°	0 dB	0°	113°	+38°	188°	+14°	0.9dB	185°K	372046	+151 Hz
2026-06-19 Friday	05:00	120°	+43°	0 dB	0°	120°	+43°	195°	+14°	1.0dB	185°K	372170	+124 Hz
2026-06-19 Friday	05:30	128°	+47°	0 dB	0°	128°	+47°	203°	+14°	1.0dB	185°K	372294	+95 Hz
2026-06-19 Friday	06:00	137°	+50°	0 dB	0°	137°	+50°	210°	+14°	1.0dB	185°K	372418	+62 Hz
2026-06-19 Friday	06:30	148°	+53°	0 dB	0°	148°	+53°	217°	+14°	1.0dB	185°K	372542	+27 Hz
2026-06-19 Friday	07:00	160°	+55°	0 dB	0°	160°	+55°	224°	+14°	1.0dB	185°K	372667	-10 Hz
2026-06-19 Friday	07:30	172°	+56°	0 dB	0°	172°	+56°	232°	+13°	1.0dB	186°K	372792	-48 Hz
2026-06-19 Friday	08:00	185°	+56°	0 dB	0°	185°	+56°	239°	+13°	1.0dB	186°K	372917	-86 Hz
2026-06-19 Friday	08:30	198°	+55°	0 dB	0°	198°	+55°	246°	+13°	1.0dB	186°K	373042	-125 Hz
2026-06-19 Friday	09:00	210°	+53°	0 dB	0°	210°	+53°	253°	+13°	1.0dB	186°K	373167	-162 Hz
2026-06-19 Friday	09:30	220°	+50°	0 dB	0°	220°	+50°	261°	+13°	1.0dB	186°K	373292	-198 Hz
2026-06-19 Friday	10:00	229°	+46°	0 dB	0°	229°	+46°	268°	+13°	1.0dB	186°K	373418	-231 Hz
2026-06-19 Friday	10:30	237°	+42°	0 dB	0°	237°	+42°	275°	+13°	1.1dB	187°K	373544	-262 Hz
2026-06-19 Friday	11:00	245°	+38°	0 dB	0°	245°	+38°	282°	+13°	1.1dB	187°K	373670	-290 Hz
2026-06-19 Friday	11:30	251°	+33°	0 dB	0°	251°	+33°	290°	+12°	1.1dB	187°K	373796	-313 Hz
2026-06-19 Friday	12:00	257°	+28°	0 dB	0°	257°	+28°	297°	+12°	1.1dB	187°K	373922	-333 Hz
2026-06-19 Friday	12:30	263°	+23°	0 dB	0°	263°	+23°	304°	+12°	1.1dB	188°K	374048	-349 Hz
2026-06-19 Friday	13:00	268°	+18°	0 dB	0°	268°	+18°	311°	+12°	1.1dB	188°K	374175	-360 Hz
2026-06-19 Friday	13:30	273°	+13°	0 dB	0°	273°	+13°	319°	+12°	1.1dB	188°K	374301	-366 Hz
2026-06-19 Friday	14:00	278°	+8°	0 dB	0°	278°	+8°	326°	+12°	1.1dB	189°K	374428	-367 Hz
2026-06-19 Friday	14:30	283°	+3°	0 dB	0°	283°	+3°	333°	+12°	1.1dB	189°K	374555	-364 Hz
2026-06-20 Saturday	02:00	080°	+1°	0 dB	0°	080°	+1°	140°	+9°	1.4dB	196°K	377496	+220 Hz
2026-06-20 Saturday	02:30	085°	+6°	0 dB	0°	085°	+6°	148°	+9°	1.4dB	196°K	377625	+223 Hz
2026-06-20 Saturday	03:00	090°	+11°	0 dB	0°	090°	+11°	155°	+9°	1.4dB	196°K	377753	+221 Hz
2026-06-20 Saturday	03:30	096°	+16°	0 dB	0°	096°	+16°	162°	+8°	1.4dB	197°K	377882	+215 Hz
2026-06-20 Saturday	04:00	101°	+21°	0 dB	0°	101°	+21°	169°	+8°	1.4dB	197°K	378010	+203 Hz
2026-06-20 Saturday	04:30	107°	+26°	0 dB	0°	107°	+26°	177°	+8°	1.4dB	197°K	378139	+187 Hz
2026-06-20 Saturday	05:00	114°	+31°	0 dB	0°	114°	+31°	184°	+8°	1.5dB	198°K	378267	+166 Hz
2026-06-20 Saturday	05:30	120°	+35°	0 dB	0°	120°	+35°	191°	+8°	1.5dB	198°K	378396	+142 Hz
2026-06-20 Saturday	06:00	128°	+39°	0 dB	0°	128°	+39°	198°	+8°	1.5dB	198°K	378524	+113 Hz
2026-06-20 Saturday	06:30	136°	+43°	0 dB	0°	136°	+43°	206°	+8°	1.5dB	199°K	378653	+82 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-20 Saturday	07:00	146°	+46°	0 dB	0°	146°	+46°	213°	+7°	1.5dB	199°K	378781	+47 Hz
2026-06-20 Saturday	07:30	156°	+48°	0 dB	0°	156°	+48°	220°	+7°	1.5dB	199°K	378910	+11 Hz
2026-06-20 Saturday	08:00	167°	+50°	0 dB	0°	167°	+50°	227°	+7°	1.5dB	199°K	379038	-27 Hz
2026-06-20 Saturday	08:30	178°	+50°	0 dB	0°	178°	+50°	235°	+7°	1.5dB	200°K	379166	-66 Hz
2026-06-20 Saturday	09:00	189°	+50°	0 dB	0°	189°	+50°	242°	+7°	1.5dB	200°K	379295	-105 Hz
2026-06-20 Saturday	09:30	200°	+48°	0 dB	0°	200°	+48°	249°	+7°	1.5dB	200°K	379423	-144 Hz
2026-06-20 Saturday	10:00	210°	+46°	0 dB	0°	210°	+46°	257°	+7°	1.6dB	201°K	379551	-181 Hz
2026-06-20 Saturday	10:30	220°	+43°	0 dB	0°	220°	+43°	264°	+7°	1.6dB	201°K	379679	-217 Hz
2026-06-20 Saturday	11:00	228°	+39°	0 dB	0°	228°	+39°	271°	+6°	1.6dB	201°K	379808	-250 Hz
2026-06-20 Saturday	11:30	236°	+35°	0 dB	0°	236°	+35°	278°	+6°	1.6dB	201°K	379936	-280 Hz
2026-06-20 Saturday	12:00	243°	+31°	0 dB	0°	243°	+31°	286°	+6°	1.6dB	202°K	380064	-306 Hz
2026-06-20 Saturday	12:30	249°	+26°	0 dB	0°	249°	+26°	293°	+6°	1.6dB	202°K	380192	-328 Hz
2026-06-20 Saturday	13:00	255°	+21°	0 dB	0°	255°	+21°	300°	+6°	1.6dB	202°K	380320	-346 Hz
2026-06-20 Saturday	13:30	260°	+16°	0 dB	0°	260°	+16°	307°	+6°	1.6dB	203°K	380448	-360 Hz
2026-06-20 Saturday	14:00	266°	+11°	0 dB	0°	266°	+11°	315°	+6°	1.6dB	203°K	380575	-368 Hz
2026-06-20 Saturday	14:30	271°	+6°	0 dB	0°	271°	+6°	322°	+6°	1.7dB	203°K	380703	-372 Hz
2026-06-20 Saturday	15:00	276°	+1°	0 dB	0°	276°	+1°	329°	+5°	1.7dB	203°K	380831	-371 Hz
2026-06-21 Sunday	03:30	092°	+4°	0 dB	0°	092°	+4°	151°	+2°	1.9dB	211°K	383985	+227 Hz
2026-06-21 Sunday	04:00	098°	+9°	0 dB	0°	098°	+9°	158°	+2°	1.9dB	211°K	384109	+223 Hz
2026-06-21 Sunday	04:30	103°	+14°	0 dB	0°	103°	+14°	166°	+2°	1.9dB	211°K	384234	+214 Hz
2026-06-21 Sunday	05:00	109°	+19°	0 dB	0°	109°	+19°	173°	+2°	1.9dB	211°K	384357	+200 Hz
2026-06-21 Sunday	05:30	115°	+23°	0 dB	0°	115°	+23°	180°	+2°	2.0dB	212°K	384481	+181 Hz
2026-06-21 Sunday	06:00	121°	+28°	0 dB	0°	121°	+28°	188°	+2°	2.0dB	212°K	384605	+158 Hz
2026-06-21 Sunday	06:30	129°	+32°	0 dB	0°	129°	+32°	195°	+1°	2.0dB	212°K	384728	+131 Hz
2026-06-21 Sunday	07:00	136°	+35°	0 dB	0°	136°	+35°	202°	+1°	2.0dB	213°K	384852	+101 Hz
2026-06-21 Sunday	07:30	145°	+39°	0 dB	0°	145°	+39°	209°	+1°	2.0dB	214°K	384975	+67 Hz
2026-06-21 Sunday	08:00	154°	+41°	0 dB	0°	154°	+41°	217°	+1°	2.0dB	215°K	385097	+32 Hz
2026-06-21 Sunday	08:30	163°	+43°	0 dB	0°	163°	+43°	224°	+1°	2.1dB	217°K	385220	-6 Hz
2026-06-21 Sunday	09:00	173°	+44°	0 dB	0°	173°	+44°	231°	+1°	2.1dB	218°K	385342	-45 Hz
2026-06-21 Sunday	09:30	183°	+44°	0 dB	0°	183°	+44°	238°	+1°	2.1dB	220°K	385465	-84 Hz
2026-06-21 Sunday	10:00	194°	+43°	0 dB	0°	194°	+43°	246°	+1°	2.2dB	221°K	385587	-123 Hz
2026-06-21 Sunday	10:30	203°	+41°	0 dB	0°	203°	+41°	253°	+0°	2.2dB	223°K	385709	-161 Hz
2026-06-21 Sunday	11:00	212°	+39°	0 dB	0°	212°	+39°	260°	+0°	2.2dB	224°K	385830	-198 Hz
2026-06-21 Sunday	11:30	221°	+36°	0 dB	0°	221°	+36°	268°	+0°	2.3dB	226°K	385952	-232 Hz
2026-06-21 Sunday	12:00	228°	+32°	0 dB	0°	228°	+32°	275°	+0°	2.3dB	227°K	386073	-263 Hz
2026-06-21 Sunday	12:30	235°	+28°	0 dB	0°	235°	+28°	282°	-0°	2.3dB	229°K	386194	-291 Hz
2026-06-21 Sunday	13:00	242°	+23°	0 dB	0°	242°	+23°	289°	-0°	2.3dB	230°K	386314	-315 Hz
2026-06-21 Sunday	13:30	248°	+19°	0 dB	0°	248°	+19°	297°	-0°	2.4dB	232°K	386435	-335 Hz
2026-06-21 Sunday	14:00	253°	+14°	0 dB	0°	253°	+14°	304°	-0°	2.4dB	233°K	386555	-351 Hz
2026-06-21 Sunday	14:30	259°	+9°	0 dB	0°	259°	+9°	311°	-1°	2.4dB	235°K	386675	-362 Hz
2026-06-21 Sunday	15:00	264°	+4°	0 dB	0°	264°	+4°	319°	-1°	2.4dB	236°K	386795	-367 Hz
2026-06-22 Monday	04:30	099°	+2°	0 dB	0°	099°	+2°	155°	-4°	3.2dB	279°K	389931	+231 Hz
2026-06-22 Monday	05:00	105°	+7°	0 dB	0°	105°	+7°	163°	-4°	3.2dB	280°K	390043	+223 Hz
2026-06-22 Monday	05:30	111°	+12°	0 dB	0°	111°	+12°	170°	-4°	3.2dB	282°K	390155	+211 Hz
2026-06-22 Monday	06:00	116°	+17°	0 dB	0°	116°	+17°	177°	-4°	3.2dB	284°K	390267	+195 Hz
2026-06-22 Monday	06:30	123°	+21°	0 dB	0°	123°	+21°	184°	-5°	3.3dB	285°K	390378	+174 Hz
2026-06-22 Monday	07:00	129°	+25°	0 dB	0°	129°	+25°	192°	-5°	3.3dB	287°K	390489	+148 Hz
2026-06-22 Monday	07:30	136°	+29°	0 dB	0°	136°	+29°	199°	-5°	3.3dB	288°K	390600	+120 Hz
2026-06-22 Monday	08:00	144°	+32°	0 dB	0°	144°	+32°	206°	-5°	3.3dB	290°K	390710	+88 Hz
2026-06-22 Monday	08:30	152°	+34°	0 dB	0°	152°	+34°	214°	-5°	3.4dB	292°K	390820	+53 Hz
2026-06-22 Monday	09:00	161°	+36°	0 dB	0°	161°	+36°	221°	-5°	3.4dB	293°K	390930	+16 Hz
2026-06-22 Monday	09:30	170°	+37°	0 dB	0°	170°	+37°	228°	-5°	3.4dB	295°K	391039	-22 Hz
2026-06-22 Monday	10:00	179°	+38°	0 dB	0°	179°	+38°	235°	-5°	3.5dB	297°K	391148	-61 Hz
2026-06-22 Monday	10:30	188°	+37°	0 dB	0°	188°	+37°	243°	-6°	3.5dB	298°K	391257	-99 Hz
2026-06-22 Monday	11:00	197°	+36°	0 dB	0°	197°	+36°	250°	-6°	3.5dB	300°K	391365	-138 Hz
2026-06-22 Monday	11:30	206°	+34°	0 dB	0°	206°	+34°	257°	-6°	3.5dB	302°K	391473	-174 Hz
2026-06-22 Monday	12:00	214°	+31°	0 dB	0°	214°	+31°	265°	-6°	3.5dB	303°K	391581	-209 Hz
2026-06-22 Monday	12:30	222°	+28°	0 dB	0°	222°	+28°	272°	-6°	3.6dB	305°K	391689	-241 Hz
2026-06-22 Monday	13:00	229°	+24°	0 dB	0°	229°	+24°	279°	-6°	3.6dB	306°K	391796	-270 Hz
2026-06-22 Monday	13:30	235°	+20°	0 dB	0°	235°	+20°	286°	-6°	3.6dB	308°K	391902	-296 Hz
2026-06-22 Monday	14:00	241°	+16°	0 dB	0°	241°	+16°	294°	-6°	3.6dB	310°K	392009	-317 Hz
2026-06-22 Monday	14:30	247°	+11°	0 dB	0°	247°	+11°	301°	-7°	3.7dB	311°K	392115	-334 Hz
2026-06-22 Monday	15:00	252°	+6°	0 dB	0°	252°	+6°	308°	-7°	3.7dB	313°K	392220	-347 Hz
2026-06-22 Monday	15:30	258°	+1°	0 dB	0°	258°	+1°	316°	-7°	3.7dB	313°K	392326	-354 Hz
2026-06-23 Tuesday	05:30	107°	+1°	0 dB	0°	107°	+1°	160°	-10°	3.8dB	313°K	395131	+232 Hz
2026-06-23 Tuesday	06:00	112°	+6°	0 dB	0°	112°	+6°	167°	-10°	3.8dB	313°K	395225	+222 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-23 Tuesday	06:30	118°	+10°	0 dB	0°	118°	+10°	174°	-10°	3.8dB	313°K	395320	+207 Hz
2026-06-23 Tuesday	07:00	124°	+14°	0 dB	0°	124°	+14°	181°	-10°	3.8dB	313°K	395414	+188 Hz
2026-06-23 Tuesday	07:30	130°	+18°	0 dB	0°	130°	+18°	189°	-10°	3.8dB	312°K	395507	+165 Hz
2026-06-23 Tuesday	08:00	137°	+22°	0 dB	0°	137°	+22°	196°	-11°	3.8dB	312°K	395601	+138 Hz
2026-06-23 Tuesday	08:30	144°	+25°	0 dB	0°	144°	+25°	203°	-11°	3.8dB	312°K	395693	+108 Hz
2026-06-23 Tuesday	09:00	151°	+28°	0 dB	0°	151°	+28°	211°	-11°	3.8dB	312°K	395786	+75 Hz
2026-06-23 Tuesday	09:30	159°	+30°	0 dB	0°	159°	+30°	218°	-11°	3.8dB	311°K	395878	+39 Hz
2026-06-23 Tuesday	10:00	167°	+31°	0 dB	0°	167°	+31°	225°	-11°	3.8dB	311°K	395970	+3 Hz
2026-06-23 Tuesday	10:30	176°	+32°	0 dB	0°	176°	+32°	232°	-11°	3.8dB	311°K	396061	-35 Hz
2026-06-23 Tuesday	11:00	184°	+32°	0 dB	0°	184°	+32°	240°	-11°	3.8dB	310°K	396152	-73 Hz
2026-06-23 Tuesday	11:30	193°	+31°	0 dB	0°	193°	+31°	247°	-11°	3.8dB	310°K	396242	-111 Hz
2026-06-23 Tuesday	12:00	201°	+29°	0 dB	0°	201°	+29°	254°	-12°	3.8dB	310°K	396332	-148 Hz
2026-06-23 Tuesday	12:30	208°	+27°	0 dB	0°	208°	+27°	262°	-12°	3.8dB	310°K	396422	-183 Hz
2026-06-23 Tuesday	13:00	216°	+24°	0 dB	0°	216°	+24°	269°	-12°	3.8dB	309°K	396511	-215 Hz
2026-06-23 Tuesday	13:30	223°	+21°	0 dB	0°	223°	+21°	276°	-12°	3.8dB	309°K	396600	-245 Hz
2026-06-23 Tuesday	14:00	229°	+17°	0 dB	0°	229°	+17°	283°	-12°	3.8dB	309°K	396689	-271 Hz
2026-06-23 Tuesday	14:30	235°	+13°	0 dB	0°	235°	+13°	291°	-12°	3.8dB	309°K	396777	-294 Hz
2026-06-23 Tuesday	15:00	241°	+9°	0 dB	0°	241°	+9°	298°	-12°	3.8dB	308°K	396865	-312 Hz
2026-06-23 Tuesday	15:30	246°	+4°	0 dB	0°	246°	+4°	305°	-12°	3.8dB	308°K	396952	-326 Hz
2026-06-24 Wednesday	06:30	113°	-0°	0 dB	0°	113°	-0°	164°	-15°	4.0dB	315°K	399381	+231 Hz
2026-06-24 Wednesday	07:00	119°	+4°	0 dB	0°	119°	+4°	171°	-16°	4.0dB	315°K	399455	+218 Hz
2026-06-24 Wednesday	07:30	124°	+8°	0 dB	0°	124°	+8°	178°	-16°	4.0dB	316°K	399529	+201 Hz
2026-06-24 Wednesday	08:00	130°	+12°	0 dB	0°	130°	+12°	186°	-16°	4.1dB	317°K	399603	+181 Hz
2026-06-24 Wednesday	08:30	137°	+16°	0 dB	0°	137°	+16°	193°	-16°	4.1dB	318°K	399676	+156 Hz
2026-06-24 Wednesday	09:00	143°	+19°	0 dB	0°	143°	+19°	200°	-16°	4.1dB	318°K	399749	+128 Hz
2026-06-24 Wednesday	09:30	150°	+22°	0 dB	0°	150°	+22°	207°	-16°	4.1dB	319°K	399821	+97 Hz
2026-06-24 Wednesday	10:00	157°	+24°	0 dB	0°	157°	+24°	215°	-16°	4.1dB	320°K	399893	+63 Hz
2026-06-24 Wednesday	10:30	165°	+25°	0 dB	0°	165°	+25°	222°	-16°	4.1dB	320°K	399965	+28 Hz
2026-06-24 Wednesday	11:00	173°	+26°	0 dB	0°	173°	+26°	229°	-16°	4.1dB	321°K	400036	-8 Hz
2026-06-24 Wednesday	11:30	181°	+27°	0 dB	0°	181°	+27°	237°	-16°	4.1dB	322°K	400107	-45 Hz
2026-06-24 Wednesday	12:00	188°	+26°	0 dB	0°	188°	+26°	244°	-17°	4.1dB	322°K	400177	-82 Hz
2026-06-24 Wednesday	12:30	196°	+25°	0 dB	0°	196°	+25°	251°	-17°	4.2dB	323°K	400247	-118 Hz
2026-06-24 Wednesday	13:00	203°	+23°	0 dB	0°	203°	+23°	258°	-17°	4.2dB	324°K	400317	-153 Hz
2026-06-24 Wednesday	13:30	211°	+21°	0 dB	0°	211°	+21°	266°	-17°	4.2dB	325°K	400386	-186 Hz
2026-06-24 Wednesday	14:00	217°	+18°	0 dB	0°	217°	+18°	273°	-17°	4.2dB	325°K	400454	-216 Hz
2026-06-24 Wednesday	14:30	224°	+14°	0 dB	0°	224°	+14°	280°	-17°	4.2dB	326°K	400523	-243 Hz
2026-06-24 Wednesday	15:00	230°	+11°	0 dB	0°	230°	+11°	287°	-17°	4.2dB	327°K	400590	-266 Hz
2026-06-24 Wednesday	15:30	235°	+7°	0 dB	0°	235°	+7°	295°	-17°	4.2dB	328°K	400658	-286 Hz
2026-06-24 Wednesday	16:00	241°	+2°	0 dB	0°	241°	+2°	302°	-17°	4.3dB	330°K	400725	-302 Hz
2026-06-25 Thursday	08:00	124°	+3°	0 dB	0°	124°	+3°	175°	-20°	4.7dB	365°K	402645	+214 Hz
2026-06-25 Thursday	08:30	130°	+7°	0 dB	0°	130°	+7°	182°	-20°	4.7dB	367°K	402698	+196 Hz
2026-06-25 Thursday	09:00	136°	+10°	0 dB	0°	136°	+10°	189°	-20°	4.7dB	368°K	402751	+174 Hz
2026-06-25 Thursday	09:30	142°	+13°	0 dB	0°	142°	+13°	197°	-20°	4.8dB	369°K	402803	+148 Hz
2026-06-25 Thursday	10:00	149°	+16°	0 dB	0°	149°	+16°	204°	-21°	4.8dB	370°K	402855	+119 Hz
2026-06-25 Thursday	10:30	155°	+19°	0 dB	0°	155°	+19°	211°	-21°	4.8dB	371°K	402907	+88 Hz
2026-06-25 Thursday	11:00	162°	+20°	0 dB	0°	162°	+20°	218°	-21°	4.8dB	372°K	402958	+55 Hz
2026-06-25 Thursday	11:30	169°	+22°	0 dB	0°	169°	+22°	226°	-21°	4.8dB	373°K	403008	+20 Hz
2026-06-25 Thursday	12:00	177°	+22°	0 dB	0°	177°	+22°	233°	-21°	4.8dB	374°K	403058	-16 Hz
2026-06-25 Thursday	12:30	184°	+22°	0 dB	0°	184°	+22°	240°	-21°	4.8dB	375°K	403108	-52 Hz
2026-06-25 Thursday	13:00	191°	+21°	0 dB	0°	191°	+21°	247°	-21°	4.8dB	376°K	403157	-87 Hz
2026-06-25 Thursday	13:30	199°	+20°	0 dB	0°	199°	+20°	255°	-21°	4.9dB	377°K	403206	-121 Hz
2026-06-25 Thursday	14:00	205°	+18°	0 dB	0°	205°	+18°	262°	-21°	4.9dB	378°K	403255	-154 Hz
2026-06-25 Thursday	14:30	212°	+15°	0 dB	0°	212°	+15°	269°	-21°	4.9dB	379°K	403303	-184 Hz
2026-06-25 Thursday	15:00	218°	+12°	0 dB	0°	218°	+12°	277°	-21°	4.9dB	380°K	403351	-212 Hz
2026-06-25 Thursday	15:30	224°	+9°	0 dB	0°	224°	+9°	284°	-21°	4.9dB	381°K	403398	-237 Hz
2026-06-25 Thursday	16:00	230°	+5°	0 dB	0°	230°	+5°	291°	-22°	4.9dB	382°K	403445	-258 Hz
2026-06-25 Thursday	16:30	235°	+1°	0 dB	0°	235°	+1°	298°	-22°	4.9dB	383°K	403491	-275 Hz
2026-06-26 Friday	09:00	129°	+1°	0 dB	0°	129°	+1°	178°	-24°	5.3dB	414°K	404797	+211 Hz
2026-06-26 Friday	09:30	135°	+5°	0 dB	0°	135°	+5°	185°	-24°	5.3dB	415°K	404829	+192 Hz
2026-06-26 Friday	10:00	140°	+9°	0 dB	0°	140°	+9°	193°	-24°	5.3dB	415°K	404862	+169 Hz
2026-06-26 Friday	10:30	146°	+11°	0 dB	0°	146°	+11°	200°	-24°	5.3dB	416°K	404894	+142 Hz
2026-06-26 Friday	11:00	153°	+14°	0 dB	0°	153°	+14°	207°	-24°	5.3dB	418°K	404925	+113 Hz
2026-06-26 Friday	11:30	159°	+16°	0 dB	0°	159°	+16°	214°	-24°	5.3dB	420°K	404957	+82 Hz
2026-06-26 Friday	12:00	166°	+17°	0 dB	0°	166°	+17°	222°	-24°	5.4dB	422°K	404987	+49 Hz
2026-06-26 Friday	12:30	173°	+18°	0 dB	0°	173°	+18°	229°	-24°	5.4dB	424°K	405018	+15 Hz
2026-06-26 Friday	13:00	180°	+19°	0 dB	0°	180°	+19°	236°	-24°	5.4dB	426°K	405048	-19 Hz

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Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-26 Friday	13:30	187°	+18°	0 dB	0°	187°	+18°	243°	-25°	5.4dB	428°K	405078	-54 Hz
2026-06-26 Friday	14:00	194°	+17°	0 dB	0°	194°	+17°	251°	-25°	5.4dB	430°K	405107	-88 Hz
2026-06-26 Friday	14:30	201°	+16°	0 dB	0°	201°	+16°	258°	-25°	5.5dB	433°K	405136	-121 Hz
2026-06-26 Friday	15:00	207°	+14°	0 dB	0°	207°	+14°	265°	-25°	5.5dB	435°K	405164	-151 Hz
2026-06-26 Friday	15:30	213°	+11°	0 dB	0°	213°	+11°	272°	-25°	5.5dB	437°K	405192	-180 Hz
2026-06-26 Friday	16:00	219°	+8°	0 dB	0°	219°	+8°	280°	-25°	5.5dB	439°K	405220	-206 Hz
2026-06-26 Friday	16:30	225°	+4°	0 dB	0°	225°	+4°	287°	-25°	5.5dB	441°K	405247	-228 Hz
2026-06-26 Friday	17:00	230°	+1°	0 dB	0°	230°	+1°	294°	-25°	5.6dB	443°K	405274	-247 Hz
2026-06-27 Saturday	10:00	133°	+1°	0 dB	0°	133°	+1°	181°	-27°	6.5dB	563°K	405969	+210 Hz
2026-06-27 Saturday	10:30	138°	+4°	0 dB	0°	138°	+4°	188°	-27°	6.5dB	567°K	405983	+190 Hz
2026-06-27 Saturday	11:00	144°	+7°	0 dB	0°	144°	+7°	195°	-27°	6.6dB	572°K	405997	+166 Hz
2026-06-27 Saturday	11:30	150°	+10°	0 dB	0°	150°	+10°	202°	-27°	6.6dB	577°K	406010	+140 Hz
2026-06-27 Saturday	12:00	156°	+12°	0 dB	0°	156°	+12°	210°	-27°	6.6dB	581°K	406023	+111 Hz
2026-06-27 Saturday	12:30	162°	+14°	0 dB	0°	162°	+14°	217°	-27°	6.7dB	586°K	406036	+80 Hz
2026-06-27 Saturday	13:00	169°	+15°	0 dB	0°	169°	+15°	224°	-27°	6.7dB	591°K	406048	+47 Hz
2026-06-27 Saturday	13:30	176°	+16°	0 dB	0°	176°	+16°	231°	-27°	6.7dB	596°K	406060	+13 Hz
2026-06-27 Saturday	14:00	182°	+16°	0 dB	0°	182°	+16°	239°	-27°	6.8dB	600°K	406072	-20 Hz
2026-06-27 Saturday	14:30	189°	+16°	0 dB	0°	189°	+16°	246°	-27°	6.8dB	605°K	406083	-54 Hz
2026-06-27 Saturday	15:00	196°	+14°	0 dB	0°	196°	+14°	253°	-27°	6.8dB	611°K	406094	-87 Hz
2026-06-27 Saturday	15:30	202°	+13°	0 dB	0°	202°	+13°	260°	-27°	6.9dB	621°K	406104	-118 Hz
2026-06-27 Saturday	16:00	208°	+11°	0 dB	0°	208°	+11°	268°	-27°	7.0dB	631°K	406115	-148 Hz
2026-06-27 Saturday	16:30	214°	+8°	0 dB	0°	214°	+8°	275°	-27°	7.0dB	640°K	406125	-175 Hz
2026-06-27 Saturday	17:00	220°	+5°	0 dB	0°	220°	+5°	282°	-27°	7.1dB	650°K	406134	-199 Hz
2026-06-27 Saturday	17:30	226°	+1°	0 dB	0°	226°	+1°	289°	-27°	7.1dB	659°K	406143	-220 Hz
2026-06-28 Sunday	11:00	135°	+1°	0 dB	0°	135°	+1°	183°	-28°	9.7dB	1228°K	406254	+212 Hz
2026-06-28 Sunday	11:30	140°	+4°	0 dB	0°	140°	+4°	190°	-28°	9.8dB	1256°K	406251	+191 Hz
2026-06-28 Sunday	12:00	146°	+7°	0 dB	0°	146°	+7°	197°	-28°	9.9dB	1283°K	406248	+167 Hz
2026-06-28 Sunday	12:30	152°	+10°	0 dB	0°	152°	+10°	205°	-28°	10.0dB	1311°K	406245	+140 Hz
2026-06-28 Sunday	13:00	158°	+12°	0 dB	0°	158°	+12°	212°	-28°	10.0dB	1338°K	406241	+110 Hz
2026-06-28 Sunday	13:30	165°	+13°	0 dB	0°	165°	+13°	219°	-28°	10.1dB	1366°K	406237	+79 Hz
2026-06-28 Sunday	14:00	171°	+15°	0 dB	0°	171°	+15°	226°	-28°	10.2dB	1393°K	406233	+47 Hz
2026-06-28 Sunday	14:30	178°	+15°	0 dB	0°	178°	+15°	234°	-28°	10.3dB	1421°K	406228	+13 Hz
2026-06-28 Sunday	15:00	184°	+15°	0 dB	0°	184°	+15°	241°	-28°	10.4dB	1448°K	406223	-20 Hz
2026-06-28 Sunday	15:30	191°	+14°	0 dB	0°	191°	+14°	248°	-28°	10.4dB	1476°K	406218	-53 Hz
2026-06-28 Sunday	16:00	197°	+13°	0 dB	0°	197°	+13°	255°	-28°	10.5dB	1503°K	406213	-85 Hz
2026-06-28 Sunday	16:30	204°	+11°	0 dB	0°	204°	+11°	263°	-28°	10.6dB	1531°K	406207	-116 Hz
2026-06-28 Sunday	17:00	210°	+9°	0 dB	0°	210°	+9°	270°	-28°	10.7dB	1558°K	406201	-144 Hz
2026-06-28 Sunday	17:30	216°	+6°	0 dB	0°	216°	+6°	277°	-28°	10.7dB	1586°K	406194	-170 Hz
2026-06-28 Sunday	18:00	221°	+3°	0 dB	0°	221°	+3°	284°	-28°	10.8dB	1619°K	406187	-193 Hz
2026-06-28 Sunday	18:30	227°	-0°	0 dB	0°	227°	-0°	292°	-28°	11.0dB	1682°K	406180	-213 Hz
2026-06-29 Monday	12:00	136°	+2°	0 dB	0°	136°	+2°	185°	-28°	13.2dB	2883°K	405746	+216 Hz
2026-06-29 Monday	12:30	142°	+5°	0 dB	0°	142°	+5°	192°	-28°	13.2dB	2838°K	405728	+194 Hz
2026-06-29 Monday	13:00	148°	+8°	0 dB	0°	148°	+8°	199°	-28°	13.1dB	2792°K	405710	+169 Hz
2026-06-29 Monday	13:30	154°	+11°	0 dB	0°	154°	+11°	207°	-28°	13.0dB	2747°K	405692	+141 Hz
2026-06-29 Monday	14:00	160°	+13°	0 dB	0°	160°	+13°	214°	-28°	13.0dB	2702°K	405674	+111 Hz
2026-06-29 Monday	14:30	166°	+14°	0 dB	0°	166°	+14°	221°	-28°	12.9dB	2657°K	405655	+80 Hz
2026-06-29 Monday	15:00	173°	+15°	0 dB	0°	173°	+15°	228°	-28°	12.8dB	2611°K	405636	+47 Hz
2026-06-29 Monday	15:30	180°	+15°	0 dB	0°	180°	+15°	236°	-28°	12.7dB	2566°K	405617	+13 Hz
2026-06-29 Monday	16:00	186°	+15°	0 dB	0°	186°	+15°	243°	-28°	12.7dB	2521°K	405597	-20 Hz
2026-06-29 Monday	16:30	193°	+14°	0 dB	0°	193°	+14°	250°	-28°	12.6dB	2476°K	405577	-53 Hz
2026-06-29 Monday	17:00	199°	+13°	0 dB	0°	199°	+13°	257°	-28°	12.5dB	2430°K	405557	-85 Hz
2026-06-29 Monday	17:30	206°	+11°	0 dB	0°	206°	+11°	265°	-28°	12.4dB	2385°K	405536	-115 Hz
2026-06-29 Monday	18:00	212°	+9°	0 dB	0°	212°	+9°	272°	-28°	12.4dB	2340°K	405516	-143 Hz
2026-06-29 Monday	18:30	218°	+6°	0 dB	0°	218°	+6°	279°	-28°	12.3dB	2295°K	405495	-169 Hz
2026-06-29 Monday	19:00	223°	+2°	0 dB	0°	223°	+2°	286°	-27°	12.2dB	2250°K	405473	-191 Hz
2026-06-30 Tuesday	12:30	132°	+1°	0 dB	0°	132°	+1°	180°	-26°	7.9dB	816°K	404557	+241 Hz
2026-06-30 Tuesday	13:00	137°	+4°	0 dB	0°	137°	+4°	187°	-26°	7.9dB	803°K	404526	+221 Hz
2026-06-30 Tuesday	13:30	143°	+7°	0 dB	0°	143°	+7°	194°	-26°	7.8dB	790°K	404495	+198 Hz
2026-06-30 Tuesday	14:00	149°	+10°	0 dB	0°	149°	+10°	202°	-26°	7.7dB	778°K	404463	+172 Hz
2026-06-30 Tuesday	14:30	155°	+13°	0 dB	0°	155°	+13°	209°	-26°	7.7dB	765°K	404432	+143 Hz
2026-06-30 Tuesday	15:00	162°	+15°	0 dB	0°	162°	+15°	216°	-26°	7.6dB	752°K	404400	+112 Hz
2026-06-30 Tuesday	15:30	168°	+16°	0 dB	0°	168°	+16°	223°	-26°	7.5dB	740°K	404367	+79 Hz
2026-06-30 Tuesday	16:00	175°	+17°	0 dB	0°	175°	+17°	231°	-26°	7.5dB	727°K	404335	+46 Hz
2026-06-30 Tuesday	16:30	182°	+17°	0 dB	0°	182°	+17°	238°	-26°	7.4dB	715°K	404302	+11 Hz
2026-06-30 Tuesday	17:00	189°	+17°	0 dB	0°	189°	+17°	245°	-26°	7.3dB	702°K	404269	-23 Hz
2026-06-30 Tuesday	17:30	195°	+16°	0 dB	0°	195°	+16°	252°	-26°	7.2dB	689°K	404235	-56 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-06-30 Tuesday	18:00	202°	+14°	0 dB	0°	202°	+14°	260°	-26°	7.2dB	677°K	404202	-88 Hz
2026-06-30 Tuesday	18:30	208°	+12°	0 dB	0°	208°	+12°	267°	-26°	7.1dB	664°K	404168	-118 Hz
2026-06-30 Tuesday	19:00	214°	+9°	0 dB	0°	214°	+9°	274°	-26°	7.0dB	652°K	404134	-146 Hz
2026-06-30 Tuesday	19:30	220°	+6°	0 dB	0°	220°	+6°	281°	-26°	6.9dB	639°K	404099	-171 Hz
2026-06-30 Tuesday	20:00	226°	+3°	0 dB	0°	226°	+3°	289°	-26°	6.9dB	626°K	404065	-193 Hz
2026-07-01 Wednesday	13:00	127°	+0°	0 dB	0°	127°	+0°	175°	-24°	4.9dB	383°K	402733	+265 Hz
2026-07-01 Wednesday	13:30	132°	+4°	0 dB	0°	132°	+4°	183°	-24°	4.8dB	377°K	402689	+248 Hz
2026-07-01 Wednesday	14:00	138°	+8°	0 dB	0°	138°	+8°	190°	-23°	4.8dB	372°K	402645	+226 Hz
2026-07-01 Wednesday	14:30	144°	+11°	0 dB	0°	144°	+11°	197°	-23°	4.7dB	369°K	402601	+201 Hz
2026-07-01 Wednesday	15:00	150°	+14°	0 dB	0°	150°	+14°	204°	-23°	4.7dB	367°K	402557	+173 Hz
2026-07-01 Wednesday	15:30	157°	+16°	0 dB	0°	157°	+16°	212°	-23°	4.7dB	365°K	402512	+143 Hz
2026-07-01 Wednesday	16:00	163°	+18°	0 dB	0°	163°	+18°	219°	-23°	4.7dB	364°K	402467	+110 Hz
2026-07-01 Wednesday	16:30	170°	+19°	0 dB	0°	170°	+19°	226°	-23°	4.7dB	362°K	402422	+76 Hz
2026-07-01 Wednesday	17:00	177°	+20°	0 dB	0°	177°	+20°	233°	-23°	4.7dB	361°K	402376	+42 Hz
2026-07-01 Wednesday	17:30	184°	+20°	0 dB	0°	184°	+20°	241°	-23°	4.6dB	359°K	402331	+6 Hz
2026-07-01 Wednesday	18:00	192°	+19°	0 dB	0°	192°	+19°	248°	-23°	4.6dB	358°K	402285	-29 Hz
2026-07-01 Wednesday	18:30	199°	+18°	0 dB	0°	199°	+18°	255°	-23°	4.6dB	356°K	402238	-62 Hz
2026-07-01 Wednesday	19:00	205°	+16°	0 dB	0°	205°	+16°	262°	-23°	4.6dB	355°K	402192	-95 Hz
2026-07-01 Wednesday	19:30	212°	+14°	0 dB	0°	212°	+14°	270°	-23°	4.6dB	353°K	402145	-125 Hz
2026-07-01 Wednesday	20:00	218°	+11°	0 dB	0°	218°	+11°	277°	-23°	4.6dB	352°K	402098	-153 Hz
2026-07-01 Wednesday	20:30	224°	+8°	0 dB	0°	224°	+8°	284°	-23°	4.5dB	350°K	402051	-178 Hz
2026-07-01 Wednesday	21:00	230°	+4°	0 dB	0°	230°	+4°	291°	-23°	4.5dB	349°K	402004	-199 Hz
2026-07-01 Wednesday	21:30	235°	+0°	0 dB	0°	235°	+0°	299°	-22°	4.5dB	347°K	401956	-216 Hz
2026-07-02 Thursday	13:30	122°	+1°	0 dB	0°	122°	+1°	171°	-20°	4.2dB	326°K	400293	+289 Hz
2026-07-02 Thursday	14:00	127°	+5°	0 dB	0°	127°	+5°	178°	-20°	4.2dB	326°K	400237	+273 Hz
2026-07-02 Thursday	14:30	133°	+9°	0 dB	0°	133°	+9°	186°	-20°	4.2dB	326°K	400181	+253 Hz
2026-07-02 Thursday	15:00	139°	+13°	0 dB	0°	139°	+13°	193°	-20°	4.2dB	326°K	400124	+230 Hz
2026-07-02 Thursday	15:30	145°	+16°	0 dB	0°	145°	+16°	200°	-19°	4.2dB	326°K	400067	+202 Hz
2026-07-02 Thursday	16:00	151°	+19°	0 dB	0°	151°	+19°	207°	-19°	4.2dB	326°K	400010	+172 Hz
2026-07-02 Thursday	16:30	158°	+21°	0 dB	0°	158°	+21°	215°	-19°	4.2dB	326°K	399953	+140 Hz
2026-07-02 Thursday	17:00	166°	+23°	0 dB	0°	166°	+23°	222°	-19°	4.2dB	326°K	399895	+106 Hz
2026-07-02 Thursday	17:30	173°	+24°	0 dB	0°	173°	+24°	229°	-19°	4.2dB	326°K	399837	+70 Hz
2026-07-02 Thursday	18:00	181°	+24°	0 dB	0°	181°	+24°	237°	-19°	4.2dB	326°K	399779	+34 Hz
2026-07-02 Thursday	18:30	188°	+24°	0 dB	0°	188°	+24°	244°	-19°	4.2dB	326°K	399720	-3 Hz
2026-07-02 Thursday	19:00	196°	+23°	0 dB	0°	196°	+23°	251°	-19°	4.2dB	326°K	399662	-38 Hz
2026-07-02 Thursday	19:30	203°	+21°	0 dB	0°	203°	+21°	258°	-19°	4.2dB	326°K	399603	-73 Hz
2026-07-02 Thursday	20:00	210°	+19°	0 dB	0°	210°	+19°	266°	-19°	4.2dB	326°K	399543	-105 Hz
2026-07-02 Thursday	20:30	217°	+16°	0 dB	0°	217°	+16°	273°	-19°	4.2dB	326°K	399484	-136 Hz
2026-07-02 Thursday	21:00	223°	+13°	0 dB	0°	223°	+13°	280°	-18°	4.2dB	326°K	399424	-163 Hz
2026-07-02 Thursday	21:30	229°	+10°	0 dB	0°	229°	+10°	287°	-18°	4.2dB	326°K	399364	-187 Hz
2026-07-02 Thursday	22:00	235°	+6°	0 dB	0°	235°	+6°	295°	-18°	4.1dB	326°K	399304	-207 Hz
2026-07-02 Thursday	22:30	240°	+2°	0 dB	0°	240°	+2°	302°	-18°	4.1dB	326°K	399243	-223 Hz
2026-07-03 Friday	14:00	116°	+2°	0 dB	0°	116°	+2°	167°	-15°	4.0dB	319°K	397240	+311 Hz
2026-07-03 Friday	14:30	121°	+7°	0 dB	0°	121°	+7°	175°	-15°	4.0dB	318°K	397171	+297 Hz
2026-07-03 Friday	15:00	127°	+11°	0 dB	0°	127°	+11°	182°	-15°	3.9dB	317°K	397102	+278 Hz
2026-07-03 Friday	15:30	133°	+15°	0 dB	0°	133°	+15°	189°	-15°	3.9dB	316°K	397033	+256 Hz
2026-07-03 Friday	16:00	139°	+19°	0 dB	0°	139°	+19°	197°	-15°	3.9dB	315°K	396964	+229 Hz
2026-07-03 Friday	16:30	146°	+22°	0 dB	0°	146°	+22°	204°	-15°	3.9dB	314°K	396894	+200 Hz
2026-07-03 Friday	17:00	153°	+24°	0 dB	0°	153°	+24°	211°	-14°	3.9dB	313°K	396824	+167 Hz
2026-07-03 Friday	17:30	161°	+27°	0 dB	0°	161°	+27°	218°	-14°	3.9dB	312°K	396754	+133 Hz
2026-07-03 Friday	18:00	169°	+28°	0 dB	0°	169°	+28°	226°	-14°	3.9dB	311°K	396683	+97 Hz
2026-07-03 Friday	18:30	177°	+29°	0 dB	0°	177°	+29°	233°	-14°	3.8dB	310°K	396612	+59 Hz
2026-07-03 Friday	19:00	185°	+29°	0 dB	0°	185°	+29°	240°	-14°	3.8dB	309°K	396541	+22 Hz
2026-07-03 Friday	19:30	193°	+28°	0 dB	0°	193°	+28°	248°	-14°	3.8dB	308°K	396470	-15 Hz
2026-07-03 Friday	20:00	201°	+27°	0 dB	0°	201°	+27°	255°	-14°	3.8dB	307°K	396399	-52 Hz
2026-07-03 Friday	20:30	208°	+25°	0 dB	0°	208°	+25°	262°	-14°	3.8dB	306°K	396327	-86 Hz
2026-07-03 Friday	21:00	215°	+22°	0 dB	0°	215°	+22°	269°	-14°	3.8dB	305°K	396255	-119 Hz
2026-07-03 Friday	21:30	222°	+19°	0 dB	0°	222°	+19°	277°	-14°	3.8dB	304°K	396182	-149 Hz
2026-07-03 Friday	22:00	229°	+16°	0 dB	0°	229°	+16°	284°	-13°	3.7dB	303°K	396110	-175 Hz
2026-07-03 Friday	22:30	235°	+12°	0 dB	0°	235°	+12°	291°	-13°	3.7dB	302°K	396037	-198 Hz
2026-07-03 Friday	23:00	241°	+8°	0 dB	0°	241°	+8°	298°	-13°	3.7dB	301°K	395964	-216 Hz
2026-07-03 Friday	23:30	246°	+3°	0 dB	0°	246°	+3°	306°	-13°	3.7dB	300°K	395891	-230 Hz
2026-07-04 Saturday	14:30	110°	+4°	0 dB	0°	110°	+4°	164°	-10°	3.0dB	254°K	393573	+330 Hz
2026-07-04 Saturday	15:00	115°	+9°	0 dB	0°	115°	+9°	171°	-10°	3.0dB	253°K	393491	+318 Hz
2026-07-04 Saturday	15:30	121°	+14°	0 dB	0°	121°	+14°	179°	-9°	3.0dB	251°K	393410	+300 Hz
2026-07-04 Saturday	16:00	127°	+18°	0 dB	0°	127°	+18°	186°	-9°	2.9dB	249°K	393328	+279 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-04 Saturday	16:30	133°	+22°	0 dB	0°	133°	+22°	193°	-9°	2.9dB	248°K	393247	+254 Hz
2026-07-04 Saturday	17:00	140°	+25°	0 dB	0°	140°	+25°	201°	-9°	2.9dB	246°K	393164	+225 Hz
2026-07-04 Saturday	17:30	148°	+29°	0 dB	0°	148°	+29°	208°	-9°	2.8dB	244°K	393082	+193 Hz
2026-07-04 Saturday	18:00	156°	+31°	0 dB	0°	156°	+31°	215°	-9°	2.8dB	243°K	392999	+158 Hz
2026-07-04 Saturday	18:30	164°	+33°	0 dB	0°	164°	+33°	222°	-9°	2.8dB	243°K	392916	+121 Hz
2026-07-04 Saturday	19:00	172°	+34°	0 dB	0°	172°	+34°	230°	-9°	2.8dB	243°K	392833	+84 Hz
2026-07-04 Saturday	19:30	181°	+35°	0 dB	0°	181°	+35°	237°	-9°	2.8dB	243°K	392750	+45 Hz
2026-07-04 Saturday	20:00	190°	+34°	0 dB	0°	190°	+34°	244°	-8°	2.8dB	243°K	392666	+7 Hz
2026-07-04 Saturday	20:30	199°	+33°	0 dB	0°	199°	+33°	252°	-8°	2.8dB	243°K	392582	-31 Hz
2026-07-04 Saturday	21:00	207°	+31°	0 dB	0°	207°	+31°	259°	-8°	2.8dB	243°K	392498	-67 Hz
2026-07-04 Saturday	21:30	215°	+29°	0 dB	0°	215°	+29°	266°	-8°	2.8dB	243°K	392414	-102 Hz
2026-07-04 Saturday	22:00	222°	+26°	0 dB	0°	222°	+26°	273°	-8°	2.8dB	243°K	392329	-133 Hz
2026-07-04 Saturday	22:30	229°	+22°	0 dB	0°	229°	+22°	281°	-8°	2.8dB	243°K	392245	-162 Hz
2026-07-04 Saturday	23:00	236°	+18°	0 dB	0°	236°	+18°	288°	-8°	2.8dB	243°K	392159	-187 Hz
2026-07-04 Saturday	23:30	242°	+14°	0 dB	0°	242°	+14°	295°	-8°	2.8dB	243°K	392074	-207 Hz
2026-07-05 Sunday	00:00	248°	+9°	0 dB	0°	248°	+9°	303°	-7°	2.8dB	243°K	391989	-224 Hz
2026-07-05 Sunday	00:30	253°	+5°	0 dB	0°	253°	+5°	310°	-7°	2.8dB	243°K	391903	-236 Hz
2026-07-05 Sunday	01:00	259°	-0°	0 dB	0°	259°	-0°	317°	-7°	2.8dB	243°K	391817	-243 Hz
2026-07-05 Sunday	14:30	098°	+2°	0 dB	0°	098°	+2°	154°	-4°	2.6dB	242°K	389405	+351 Hz
2026-07-05 Sunday	15:00	104°	+7°	0 dB	0°	104°	+7°	161°	-4°	2.6dB	242°K	389313	+345 Hz
2026-07-05 Sunday	15:30	109°	+12°	0 dB	0°	109°	+12°	168°	-4°	2.6dB	242°K	389220	+334 Hz
2026-07-05 Sunday	16:00	115°	+16°	0 dB	0°	115°	+16°	176°	-4°	2.6dB	241°K	389127	+319 Hz
2026-07-05 Sunday	16:30	121°	+21°	0 dB	0°	121°	+21°	183°	-3°	2.6dB	241°K	389034	+299 Hz
2026-07-05 Sunday	17:00	127°	+25°	0 dB	0°	127°	+25°	190°	-3°	2.6dB	241°K	388940	+275 Hz
2026-07-05 Sunday	17:30	134°	+29°	0 dB	0°	134°	+29°	198°	-3°	2.6dB	241°K	388847	+246 Hz
2026-07-05 Sunday	18:00	142°	+33°	0 dB	0°	142°	+33°	205°	-3°	2.6dB	241°K	388753	+215 Hz
2026-07-05 Sunday	18:30	150°	+36°	0 dB	0°	150°	+36°	212°	-3°	2.6dB	241°K	388659	+181 Hz
2026-07-05 Sunday	19:00	158°	+38°	0 dB	0°	158°	+38°	219°	-3°	2.6dB	241°K	388565	+144 Hz
2026-07-05 Sunday	19:30	168°	+40°	0 dB	0°	168°	+40°	227°	-3°	2.6dB	240°K	388470	+106 Hz
2026-07-05 Sunday	20:00	177°	+41°	0 dB	0°	177°	+41°	234°	-3°	2.6dB	240°K	388376	+68 Hz
2026-07-05 Sunday	20:30	187°	+40°	0 dB	0°	187°	+40°	241°	-2°	2.6dB	240°K	388281	+28 Hz
2026-07-05 Sunday	21:00	196°	+40°	0 dB	0°	196°	+40°	249°	-2°	2.6dB	240°K	388186	-10 Hz
2026-07-05 Sunday	21:30	206°	+38°	0 dB	0°	206°	+38°	256°	-2°	2.6dB	240°K	388090	-48 Hz
2026-07-05 Sunday	22:00	214°	+35°	0 dB	0°	214°	+35°	263°	-2°	2.6dB	240°K	387995	-83 Hz
2026-07-05 Sunday	22:30	222°	+32°	0 dB	0°	222°	+32°	270°	-2°	2.5dB	240°K	387899	-117 Hz
2026-07-05 Sunday	23:00	230°	+29°	0 dB	0°	230°	+29°	278°	-2°	2.5dB	239°K	387803	-147 Hz
2026-07-05 Sunday	23:30	237°	+25°	0 dB	0°	237°	+25°	285°	-2°	2.5dB	239°K	387707	-174 Hz
2026-07-06 Monday	00:00	243°	+21°	0 dB	0°	243°	+21°	292°	-2°	2.5dB	239°K	387611	-196 Hz
2026-07-06 Monday	00:30	249°	+16°	0 dB	0°	249°	+16°	300°	-1°	2.5dB	239°K	387514	-215 Hz
2026-07-06 Monday	01:00	255°	+11°	0 dB	0°	255°	+11°	307°	-1°	2.5dB	239°K	387418	-228 Hz
2026-07-06 Monday	01:30	261°	+6°	0 dB	0°	261°	+6°	314°	-1°	2.5dB	239°K	387321	-238 Hz
2026-07-06 Monday	02:00	266°	+2°	0 dB	0°	266°	+2°	321°	-1°	2.5dB	239°K	387224	-242 Hz
2026-07-06 Monday	15:00	092°	+4°	0 dB	0°	092°	+4°	151°	+2°	2.4dB	239°K	384633	+359 Hz
2026-07-06 Monday	15:30	097°	+9°	0 dB	0°	097°	+9°	158°	+2°	2.4dB	239°K	384531	+355 Hz
2026-07-06 Monday	16:00	102°	+14°	0 dB	0°	102°	+14°	165°	+3°	2.4dB	239°K	384429	+346 Hz
2026-07-06 Monday	16:30	108°	+19°	0 dB	0°	108°	+19°	173°	+3°	2.4dB	239°K	384327	+332 Hz
2026-07-06 Monday	17:00	114°	+24°	0 dB	0°	114°	+24°	180°	+3°	2.4dB	239°K	384225	+314 Hz
2026-07-06 Monday	17:30	120°	+29°	0 dB	0°	120°	+29°	187°	+3°	2.4dB	243°K	384122	+291 Hz
2026-07-06 Monday	18:00	127°	+33°	0 dB	0°	127°	+33°	194°	+3°	2.4dB	244°K	384019	+265 Hz
2026-07-06 Monday	18:30	135°	+37°	0 dB	0°	135°	+37°	202°	+3°	2.4dB	245°K	383916	+234 Hz
2026-07-06 Monday	19:00	143°	+40°	0 dB	0°	143°	+40°	209°	+3°	2.4dB	245°K	383813	+201 Hz
2026-07-06 Monday	19:30	152°	+43°	0 dB	0°	152°	+43°	216°	+3°	2.4dB	246°K	383710	+165 Hz
2026-07-06 Monday	20:00	162°	+45°	0 dB	0°	162°	+45°	223°	+4°	2.4dB	246°K	383607	+128 Hz
2026-07-06 Monday	20:30	172°	+47°	0 dB	0°	172°	+47°	231°	+4°	2.5dB	247°K	383503	+89 Hz
2026-07-06 Monday	21:00	183°	+47°	0 dB	0°	183°	+47°	238°	+4°	2.4dB	247°K	383400	+50 Hz
2026-07-06 Monday	21:30	194°	+46°	0 dB	0°	194°	+46°	245°	+4°	2.5dB	248°K	383296	+11 Hz
2026-07-06 Monday	22:00	204°	+45°	0 dB	0°	204°	+45°	253°	+4°	2.5dB	248°K	383192	-27 Hz
2026-07-06 Monday	22:30	214°	+43°	0 dB	0°	214°	+43°	260°	+4°	2.5dB	249°K	383088	-64 Hz
2026-07-06 Monday	23:00	222°	+39°	0 dB	0°	222°	+39°	267°	+4°	2.5dB	250°K	382984	-98 Hz
2026-07-06 Monday	23:30	230°	+36°	0 dB	0°	230°	+36°	274°	+4°	2.5dB	250°K	382880	-130 Hz
2026-07-07 Tuesday	00:00	238°	+32°	0 dB	0°	238°	+32°	282°	+5°	2.5dB	251°K	382775	-158 Hz
2026-07-07 Tuesday	00:30	245°	+28°	0 dB	0°	245°	+28°	289°	+5°	2.5dB	251°K	382671	-182 Hz
2026-07-07 Tuesday	01:00	251°	+23°	0 dB	0°	251°	+23°	296°	+5°	2.5dB	252°K	382566	-203 Hz
2026-07-07 Tuesday	01:30	257°	+18°	0 dB	0°	257°	+18°	304°	+5°	2.5dB	252°K	382461	-218 Hz
2026-07-07 Tuesday	02:00	262°	+13°	0 dB	0°	262°	+13°	311°	+5°	2.5dB	253°K	382356	-230 Hz
2026-07-07 Tuesday	02:30	268°	+8°	0 dB	0°	268°	+8°	318°	+5°	2.5dB	254°K	382251	-236 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-07 Tuesday	03:00	273°	+3°	0 dB	0°	273°	+3°	325°	+5°	2.5dB	254°K	382146	-237 Hz
2026-07-07 Tuesday	15:00	080°	+1°	0 dB	0°	080°	+1°	140°	+8°	2.6dB	268°K	379592	+357 Hz
2026-07-07 Tuesday	15:30	085°	+6°	0 dB	0°	085°	+6°	147°	+9°	2.6dB	269°K	379485	+360 Hz
2026-07-07 Tuesday	16:00	090°	+11°	0 dB	0°	090°	+11°	154°	+9°	2.6dB	269°K	379377	+358 Hz
2026-07-07 Tuesday	16:30	095°	+16°	0 dB	0°	095°	+16°	162°	+9°	2.6dB	270°K	379270	+351 Hz
2026-07-07 Tuesday	17:00	101°	+21°	0 dB	0°	101°	+21°	169°	+9°	2.6dB	270°K	379162	+340 Hz
2026-07-07 Tuesday	17:30	106°	+26°	0 dB	0°	106°	+26°	176°	+9°	2.6dB	271°K	379054	+324 Hz
2026-07-07 Tuesday	18:00	112°	+31°	0 dB	0°	112°	+31°	183°	+9°	2.6dB	272°K	378947	+303 Hz
2026-07-07 Tuesday	18:30	119°	+36°	0 dB	0°	119°	+36°	191°	+9°	2.6dB	272°K	378839	+278 Hz
2026-07-07 Tuesday	19:00	126°	+40°	0 dB	0°	126°	+40°	198°	+9°	2.6dB	273°K	378731	+250 Hz
2026-07-07 Tuesday	19:30	135°	+44°	0 dB	0°	135°	+44°	205°	+10°	2.6dB	273°K	378623	+219 Hz
2026-07-07 Tuesday	20:00	144°	+48°	0 dB	0°	144°	+48°	213°	+10°	2.6dB	274°K	378515	+184 Hz
2026-07-07 Tuesday	20:30	154°	+50°	0 dB	0°	154°	+50°	220°	+10°	2.6dB	275°K	378408	+148 Hz
2026-07-07 Tuesday	21:00	165°	+52°	0 dB	0°	165°	+52°	227°	+10°	2.6dB	275°K	378300	+110 Hz
2026-07-07 Tuesday	21:30	177°	+53°	0 dB	0°	177°	+53°	234°	+10°	2.6dB	276°K	378192	+71 Hz
2026-07-07 Tuesday	22:00	189°	+53°	0 dB	0°	189°	+53°	242°	+10°	2.6dB	276°K	378084	+33 Hz
2026-07-07 Tuesday	22:30	201°	+52°	0 dB	0°	201°	+52°	249°	+10°	2.6dB	277°K	377976	-6 Hz
2026-07-07 Tuesday	23:00	212°	+50°	0 dB	0°	212°	+50°	256°	+10°	2.6dB	277°K	377868	-43 Hz
2026-07-07 Tuesday	23:30	222°	+47°	0 dB	0°	222°	+47°	263°	+11°	2.6dB	278°K	377760	-78 Hz
2026-07-08 Wednesday	00:00	231°	+43°	0 dB	0°	231°	+43°	271°	+11°	2.6dB	279°K	377652	-110 Hz
2026-07-08 Wednesday	00:30	239°	+39°	0 dB	0°	239°	+39°	278°	+11°	2.6dB	279°K	377543	-140 Hz
2026-07-08 Wednesday	01:00	246°	+35°	0 dB	0°	246°	+35°	285°	+11°	2.6dB	280°K	377435	-166 Hz
2026-07-08 Wednesday	01:30	252°	+30°	0 dB	0°	252°	+30°	292°	+11°	2.6dB	280°K	377327	-188 Hz
2026-07-08 Wednesday	02:00	258°	+25°	0 dB	0°	258°	+25°	300°	+11°	2.6dB	281°K	377219	-206 Hz
2026-07-08 Wednesday	02:30	264°	+20°	0 dB	0°	264°	+20°	307°	+11°	2.6dB	282°K	377111	-219 Hz
2026-07-08 Wednesday	03:00	270°	+15°	0 dB	0°	270°	+15°	314°	+11°	2.6dB	282°K	377003	-228 Hz
2026-07-08 Wednesday	03:30	275°	+11°	0 dB	0°	275°	+11°	321°	+12°	2.6dB	283°K	376895	-232 Hz
2026-07-08 Wednesday	04:00	280°	+6°	0 dB	0°	280°	+6°	329°	+12°	2.6dB	284°K	376787	-231 Hz
2026-07-08 Wednesday	04:30	285°	+1°	0 dB	0°	285°	+1°	336°	+12°	2.6dB	284°K	376679	-225 Hz
2026-07-08 Wednesday	15:30	073°	+2°	0 dB	0°	073°	+2°	136°	+14°	2.7dB	297°K	374309	+347 Hz
2026-07-08 Wednesday	16:00	078°	+7°	0 dB	0°	078°	+7°	143°	+15°	2.7dB	297°K	374202	+352 Hz
2026-07-08 Wednesday	16:30	083°	+12°	0 dB	0°	083°	+12°	150°	+15°	2.7dB	297°K	374095	+353 Hz
2026-07-08 Wednesday	17:00	088°	+17°	0 dB	0°	088°	+17°	157°	+15°	2.7dB	297°K	373988	+349 Hz
2026-07-08 Wednesday	17:30	093°	+23°	0 dB	0°	093°	+23°	165°	+15°	2.7dB	298°K	373881	+340 Hz
2026-07-08 Wednesday	18:00	098°	+28°	0 dB	0°	098°	+28°	172°	+15°	2.7dB	298°K	373774	+327 Hz
2026-07-08 Wednesday	18:30	104°	+33°	0 dB	0°	104°	+33°	179°	+15°	2.7dB	298°K	373668	+309 Hz
2026-07-08 Wednesday	19:00	110°	+38°	0 dB	0°	110°	+38°	186°	+15°	2.7dB	299°K	373561	+287 Hz
2026-07-08 Wednesday	19:30	117°	+42°	0 dB	0°	117°	+42°	194°	+15°	2.7dB	299°K	373455	+262 Hz
2026-07-08 Wednesday	20:00	125°	+47°	0 dB	0°	125°	+47°	201°	+15°	2.7dB	299°K	373348	+233 Hz
2026-07-08 Wednesday	20:30	133°	+51°	0 dB	0°	133°	+51°	208°	+16°	2.7dB	300°K	373242	+201 Hz
2026-07-08 Wednesday	21:00	144°	+54°	0 dB	0°	144°	+54°	215°	+16°	2.7dB	300°K	373136	+166 Hz
2026-07-08 Wednesday	21:30	155°	+57°	0 dB	0°	155°	+57°	223°	+16°	2.7dB	300°K	373030	+130 Hz
2026-07-08 Wednesday	22:00	168°	+59°	0 dB	0°	168°	+59°	230°	+16°	2.7dB	301°K	372924	+93 Hz
2026-07-08 Wednesday	22:30	182°	+59°	0 dB	0°	182°	+59°	237°	+16°	2.7dB	301°K	372819	+55 Hz
2026-07-08 Wednesday	23:00	196°	+59°	0 dB	0°	196°	+59°	244°	+16°	2.7dB	301°K	372713	+17 Hz
2026-07-08 Wednesday	23:30	208°	+57°	0 dB	0°	208°	+57°	251°	+16°	2.7dB	302°K	372608	-20 Hz
2026-07-09 Thursday	00:00	220°	+54°	0 dB	0°	220°	+54°	259°	+16°	2.7dB	302°K	372502	-55 Hz
2026-07-09 Thursday	00:30	230°	+51°	0 dB	0°	230°	+51°	266°	+17°	2.7dB	302°K	372397	-89 Hz
2026-07-09 Thursday	01:00	239°	+47°	0 dB	0°	239°	+47°	273°	+17°	2.7dB	303°K	372292	-119 Hz
2026-07-09 Thursday	01:30	246°	+42°	0 dB	0°	246°	+42°	280°	+17°	2.7dB	303°K	372187	-147 Hz
2026-07-09 Thursday	02:00	253°	+38°	0 dB	0°	253°	+38°	288°	+17°	2.7dB	303°K	372082	-171 Hz
2026-07-09 Thursday	02:30	259°	+33°	0 dB	0°	259°	+33°	295°	+17°	2.7dB	304°K	371978	-191 Hz
2026-07-09 Thursday	03:00	265°	+28°	0 dB	0°	265°	+28°	302°	+17°	2.7dB	304°K	371873	-207 Hz
2026-07-09 Thursday	03:30	270°	+23°	0 dB	0°	270°	+23°	309°	+17°	2.7dB	305°K	371769	-218 Hz
2026-07-09 Thursday	04:00	276°	+18°	0 dB	0°	276°	+18°	317°	+17°	2.7dB	307°K	371665	-225 Hz
2026-07-09 Thursday	04:30	281°	+13°	0 dB	0°	281°	+13°	324°	+17°	2.7dB	308°K	371561	-227 Hz
2026-07-09 Thursday	05:00	286°	+8°	0 dB	0°	286°	+8°	331°	+18°	2.7dB	310°K	371457	-225 Hz
2026-07-09 Thursday	05:30	291°	+3°	0 dB	0°	291°	+3°	338°	+18°	2.7dB	312°K	371354	-218 Hz
2026-07-09 Thursday	16:00	065°	+3°	0 dB	0°	065°	+3°	130°	+20°	3.0dB	347°K	369225	+327 Hz
2026-07-09 Thursday	16:30	070°	+8°	0 dB	0°	070°	+8°	137°	+20°	3.0dB	348°K	369126	+335 Hz
2026-07-09 Thursday	17:00	075°	+12°	0 dB	0°	075°	+12°	145°	+20°	3.0dB	349°K	369028	+339 Hz
2026-07-09 Thursday	17:30	080°	+17°	0 dB	0°	080°	+17°	152°	+20°	3.0dB	350°K	368930	+338 Hz
2026-07-09 Thursday	18:00	085°	+22°	0 dB	0°	085°	+22°	159°	+20°	3.0dB	351°K	368832	+333 Hz
2026-07-09 Thursday	18:30	090°	+28°	0 dB	0°	090°	+28°	166°	+20°	3.0dB	352°K	368734	+323 Hz
2026-07-09 Thursday	19:00	095°	+33°	0 dB	0°	095°	+33°	174°	+20°	3.0dB	352°K	368636	+309 Hz
2026-07-09 Thursday	19:30	100°	+38°	0 dB	0°	100°	+38°	181°	+21°	3.0dB	353°K	368539	+291 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-09 Thursday	20:00	107°	+43°	0 dB	0°	107°	+43°	188°	+21°	3.1dB	354°K	368442	+269 Hz
2026-07-09 Thursday	20:30	113°	+48°	0 dB	0°	113°	+48°	195°	+21°	3.1dB	355°K	368346	+243 Hz
2026-07-09 Thursday	21:00	121°	+52°	0 dB	0°	121°	+52°	202°	+21°	3.1dB	356°K	368249	+214 Hz
2026-07-09 Thursday	21:30	131°	+56°	0 dB	0°	131°	+56°	210°	+21°	3.1dB	357°K	368153	+183 Hz
2026-07-09 Thursday	22:00	142°	+60°	0 dB	0°	142°	+60°	217°	+21°	3.1dB	358°K	368058	+149 Hz
2026-07-09 Thursday	22:30	155°	+63°	0 dB	0°	155°	+63°	224°	+21°	3.1dB	358°K	367962	+113 Hz
2026-07-09 Thursday	23:00	170°	+64°	0 dB	0°	170°	+64°	231°	+21°	3.1dB	359°K	367867	+77 Hz
2026-07-09 Thursday	23:30	185°	+65°	0 dB	0°	185°	+65°	239°	+21°	3.1dB	360°K	367772	+40 Hz
2026-07-10 Friday	00:00	201°	+64°	0 dB	0°	201°	+64°	246°	+21°	3.1dB	361°K	367678	+4 Hz
2026-07-10 Friday	00:30	215°	+61°	0 dB	0°	215°	+61°	253°	+22°	3.1dB	362°K	367584	-31 Hz
2026-07-10 Friday	01:00	227°	+58°	0 dB	0°	227°	+58°	260°	+22°	3.1dB	363°K	367490	-65 Hz
2026-07-10 Friday	01:30	237°	+54°	0 dB	0°	237°	+54°	267°	+22°	3.1dB	364°K	367396	-97 Hz
2026-07-10 Friday	02:00	245°	+50°	0 dB	0°	245°	+50°	275°	+22°	3.1dB	365°K	367303	-126 Hz
2026-07-10 Friday	02:30	253°	+45°	0 dB	0°	253°	+45°	282°	+22°	3.1dB	366°K	367210	-152 Hz
2026-07-10 Friday	03:00	259°	+40°	0 dB	0°	259°	+40°	289°	+22°	3.1dB	366°K	367118	-175 Hz
2026-07-10 Friday	03:30	265°	+35°	0 dB	0°	265°	+35°	296°	+22°	3.1dB	367°K	367026	-194 Hz
2026-07-10 Friday	04:00	270°	+30°	0 dB	0°	270°	+30°	303°	+22°	3.1dB	368°K	366934	-208 Hz
2026-07-10 Friday	04:30	275°	+25°	0 dB	0°	275°	+25°	311°	+22°	3.1dB	369°K	366842	-219 Hz
2026-07-10 Friday	05:00	280°	+21°	0 dB	0°	280°	+21°	318°	+22°	3.1dB	368°K	366751	-225 Hz
2026-07-10 Friday	05:30	285°	+16°	0 dB	0°	285°	+16°	325°	+22°	3.1dB	368°K	366660	-226 Hz
2026-07-10 Friday	06:00	290°	+11°	0 dB	0°	290°	+11°	332°	+23°	3.1dB	367°K	366570	-223 Hz
2026-07-10 Friday	06:30	295°	+6°	0 dB	0°	295°	+6°	339°	+23°	3.1dB	366°K	366480	-216 Hz
2026-07-10 Friday	07:00	300°	+2°	0 dB	0°	300°	+2°	347°	+23°	3.1dB	365°K	366390	-205 Hz
2026-07-10 Friday	16:30	058°	+2°	0 dB	0°	058°	+2°	124°	+24°	2.8dB	348°K	364762	+297 Hz
2026-07-10 Friday	17:00	062°	+7°	0 dB	0°	062°	+7°	131°	+24°	2.8dB	349°K	364680	+308 Hz
2026-07-10 Friday	17:30	067°	+11°	0 dB	0°	067°	+11°	138°	+24°	2.8dB	350°K	364599	+316 Hz
2026-07-10 Friday	18:00	072°	+16°	0 dB	0°	072°	+16°	145°	+25°	2.8dB	350°K	364519	+319 Hz
2026-07-10 Friday	18:30	077°	+21°	0 dB	0°	077°	+21°	152°	+25°	2.8dB	351°K	364439	+318 Hz
2026-07-10 Friday	19:00	081°	+26°	0 dB	0°	081°	+26°	160°	+25°	2.8dB	352°K	364359	+313 Hz
2026-07-10 Friday	19:30	086°	+31°	0 dB	0°	086°	+31°	167°	+25°	2.8dB	353°K	364280	+303 Hz
2026-07-10 Friday	20:00	091°	+36°	0 dB	0°	091°	+36°	174°	+25°	2.9dB	354°K	364201	+289 Hz
2026-07-10 Friday	20:30	097°	+41°	0 dB	0°	097°	+41°	181°	+25°	2.9dB	355°K	364123	+271 Hz
2026-07-10 Friday	21:00	102°	+46°	0 dB	0°	102°	+46°	188°	+25°	2.9dB	356°K	364045	+250 Hz
2026-07-10 Friday	21:30	109°	+51°	0 dB	0°	109°	+51°	196°	+25°	2.9dB	357°K	363968	+224 Hz
2026-07-10 Friday	22:00	117°	+56°	0 dB	0°	117°	+56°	203°	+25°	2.9dB	358°K	363891	+196 Hz
2026-07-10 Friday	22:30	126°	+60°	0 dB	0°	126°	+60°	210°	+25°	2.9dB	359°K	363815	+166 Hz
2026-07-10 Friday	23:00	138°	+64°	0 dB	0°	138°	+64°	217°	+25°	2.9dB	360°K	363739	+133 Hz
2026-07-10 Friday	23:30	152°	+67°	0 dB	0°	152°	+67°	224°	+25°	2.9dB	361°K	363664	+99 Hz
2026-07-11 Saturday	00:00	168°	+68°	0 dB	0°	168°	+68°	231°	+25°	2.9dB	362°K	363589	+64 Hz
2026-07-11 Saturday	00:30	187°	+69°	0 dB	0°	187°	+69°	239°	+25°	2.9dB	363°K	363515	+28 Hz
2026-07-11 Saturday	01:00	204°	+67°	0 dB	0°	204°	+67°	246°	+25°	2.9dB	364°K	363441	-7 Hz
2026-07-11 Saturday	01:30	219°	+65°	0 dB	0°	219°	+65°	253°	+26°	2.9dB	365°K	363368	-41 Hz
2026-07-11 Saturday	02:00	231°	+61°	0 dB	0°	231°	+61°	260°	+26°	2.9dB	366°K	363295	-74 Hz
2026-07-11 Saturday	02:30	241°	+57°	0 dB	0°	241°	+57°	267°	+26°	2.9dB	367°K	363223	-105 Hz
2026-07-11 Saturday	03:00	250°	+53°	0 dB	0°	250°	+53°	275°	+26°	2.9dB	368°K	363151	-133 Hz
2026-07-11 Saturday	03:30	257°	+48°	0 dB	0°	257°	+48°	282°	+26°	3.0dB	369°K	363080	-159 Hz
2026-07-11 Saturday	04:00	263°	+43°	0 dB	0°	263°	+43°	289°	+26°	3.0dB	370°K	363009	-181 Hz
2026-07-11 Saturday	04:30	268°	+38°	0 dB	0°	268°	+38°	296°	+26°	3.0dB	371°K	362939	-199 Hz
2026-07-11 Saturday	05:00	274°	+33°	0 dB	0°	274°	+33°	303°	+26°	3.0dB	372°K	362869	-213 Hz
2026-07-11 Saturday	05:30	279°	+28°	0 dB	0°	279°	+28°	311°	+26°	3.0dB	374°K	362800	-224 Hz
2026-07-11 Saturday	06:00	283°	+23°	0 dB	0°	283°	+23°	318°	+26°	3.0dB	375°K	362732	-230 Hz
2026-07-11 Saturday	06:30	288°	+18°	0 dB	0°	288°	+18°	325°	+26°	3.0dB	377°K	362664	-231 Hz
2026-07-11 Saturday	07:00	293°	+14°	0 dB	0°	293°	+14°	332°	+26°	3.0dB	378°K	362596	-229 Hz
2026-07-11 Saturday	07:30	297°	+9°	0 dB	0°	297°	+9°	339°	+26°	3.0dB	379°K	362529	-222 Hz
2026-07-11 Saturday	08:00	302°	+5°	0 dB	0°	302°	+5°	346°	+26°	3.0dB	381°K	362463	-212 Hz
2026-07-11 Saturday	08:30	307°	+1°	0 dB	0°	307°	+1°	354°	+26°	3.1dB	382°K	362397	-197 Hz
2026-07-11 Saturday	17:00	050°	-0°	0 dB	0°	050°	-0°	116°	+27°	3.2dB	407°K	361368	+258 Hz
2026-07-11 Saturday	17:30	055°	+4°	0 dB	0°	055°	+4°	123°	+27°	3.2dB	408°K	361313	+273 Hz
2026-07-11 Saturday	18:00	060°	+8°	0 dB	0°	060°	+8°	130°	+27°	3.3dB	410°K	361258	+285 Hz
2026-07-11 Saturday	18:30	065°	+13°	0 dB	0°	065°	+13°	137°	+27°	3.3dB	411°K	361205	+292 Hz
2026-07-11 Saturday	19:00	069°	+17°	0 dB	0°	069°	+17°	144°	+27°	3.3dB	413°K	361151	+296 Hz
2026-07-11 Saturday	19:30	074°	+22°	0 dB	0°	074°	+22°	152°	+27°	3.3dB	415°K	361099	+295 Hz
2026-07-11 Saturday	20:00	078°	+27°	0 dB	0°	078°	+27°	159°	+27°	3.3dB	416°K	361047	+291 Hz
2026-07-11 Saturday	20:30	083°	+32°	0 dB	0°	083°	+32°	166°	+27°	3.3dB	418°K	360995	+282 Hz
2026-07-11 Saturday	21:00	088°	+37°	0 dB	0°	088°	+37°	173°	+27°	3.3dB	419°K	360945	+269 Hz
2026-07-11 Saturday	21:30	093°	+42°	0 dB	0°	093°	+42°	180°	+27°	3.3dB	421°K	360895	+252 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-11 Saturday	22:00	099°	+47°	0 dB	0°	099°	+47°	187°	+28°	3.4dB	423°K	360845	+231 Hz
2026-07-11 Saturday	22:30	105°	+52°	0 dB	0°	105°	+52°	195°	+28°	3.4dB	424°K	360797	+207 Hz
2026-07-11 Saturday	23:00	113°	+57°	0 dB	0°	113°	+57°	202°	+28°	3.4dB	426°K	360748	+180 Hz
2026-07-11 Saturday	23:30	122°	+61°	0 dB	0°	122°	+61°	209°	+28°	3.4dB	428°K	360701	+151 Hz
2026-07-12 Sunday	00:00	133°	+65°	0 dB	0°	133°	+65°	216°	+28°	3.4dB	429°K	360654	+119 Hz
2026-07-12 Sunday	00:30	147°	+69°	0 dB	0°	147°	+69°	223°	+28°	3.4dB	431°K	360608	+86 Hz
2026-07-12 Sunday	01:00	165°	+71°	0 dB	0°	165°	+71°	230°	+28°	3.4dB	432°K	360563	+52 Hz
2026-07-12 Sunday	01:30	184°	+71°	0 dB	0°	184°	+71°	238°	+28°	3.4dB	434°K	360518	+17 Hz
2026-07-12 Sunday	02:00	203°	+70°	0 dB	0°	203°	+70°	245°	+28°	3.5dB	437°K	360474	-18 Hz
2026-07-12 Sunday	02:30	220°	+67°	0 dB	0°	220°	+67°	252°	+28°	3.5dB	440°K	360430	-51 Hz
2026-07-12 Sunday	03:00	233°	+64°	0 dB	0°	233°	+64°	259°	+28°	3.5dB	443°K	360387	-84 Hz
2026-07-12 Sunday	03:30	243°	+59°	0 dB	0°	243°	+59°	266°	+28°	3.5dB	446°K	360345	-115 Hz
2026-07-12 Sunday	04:00	251°	+55°	0 dB	0°	251°	+55°	273°	+28°	3.6dB	449°K	360304	-143 Hz
2026-07-12 Sunday	04:30	258°	+50°	0 dB	0°	258°	+50°	281°	+28°	3.6dB	452°K	360263	-168 Hz
2026-07-12 Sunday	05:00	264°	+45°	0 dB	0°	264°	+45°	288°	+28°	3.6dB	455°K	360223	-191 Hz
2026-07-12 Sunday	05:30	270°	+40°	0 dB	0°	270°	+40°	295°	+28°	3.6dB	458°K	360184	-210 Hz
2026-07-12 Sunday	06:00	275°	+35°	0 dB	0°	275°	+35°	302°	+28°	3.7dB	461°K	360145	-225 Hz
2026-07-12 Sunday	06:30	279°	+30°	0 dB	0°	279°	+30°	309°	+28°	3.7dB	464°K	360107	-236 Hz
2026-07-12 Sunday	07:00	284°	+25°	0 dB	0°	284°	+25°	316°	+28°	3.7dB	467°K	360070	-243 Hz
2026-07-12 Sunday	07:30	289°	+20°	0 dB	0°	289°	+20°	324°	+28°	3.7dB	470°K	360033	-245 Hz
2026-07-12 Sunday	08:00	293°	+16°	0 dB	0°	293°	+16°	331°	+28°	3.8dB	474°K	359997	-244 Hz
2026-07-12 Sunday	08:30	298°	+11°	0 dB	0°	298°	+11°	338°	+28°	3.8dB	477°K	359962	-238 Hz
2026-07-12 Sunday	09:00	303°	+7°	0 dB	0°	303°	+7°	345°	+28°	3.8dB	480°K	359927	-229 Hz
2026-07-12 Sunday	09:30	307°	+3°	0 dB	0°	307°	+3°	352°	+28°	3.8dB	483°K	359893	-216 Hz
2026-07-12 Sunday	18:00	048°	-0°	0 dB	0°	048°	-0°	114°	+28°	3.9dB	500°K	359429	+232 Hz
2026-07-12 Sunday	18:30	054°	+4°	0 dB	0°	054°	+4°	121°	+28°	3.9dB	500°K	359408	+248 Hz
2026-07-12 Sunday	19:00	058°	+8°	0 dB	0°	058°	+8°	128°	+28°	3.9dB	500°K	359388	+260 Hz
2026-07-12 Sunday	19:30	063°	+12°	0 dB	0°	063°	+12°	136°	+28°	3.9dB	500°K	359369	+269 Hz
2026-07-12 Sunday	20:00	068°	+17°	0 dB	0°	068°	+17°	143°	+28°	3.9dB	500°K	359350	+273 Hz
2026-07-12 Sunday	20:30	072°	+21°	0 dB	0°	072°	+21°	150°	+28°	3.9dB	500°K	359332	+274 Hz
2026-07-12 Sunday	21:00	077°	+26°	0 dB	0°	077°	+26°	157°	+28°	3.9dB	500°K	359315	+270 Hz
2026-07-12 Sunday	21:30	081°	+31°	0 dB	0°	081°	+31°	164°	+28°	3.9dB	500°K	359299	+262 Hz
2026-07-12 Sunday	22:00	086°	+36°	0 dB	0°	086°	+36°	171°	+28°	3.9dB	500°K	359284	+251 Hz
2026-07-12 Sunday	22:30	091°	+41°	0 dB	0°	091°	+41°	179°	+28°	3.9dB	500°K	359269	+235 Hz
2026-07-12 Sunday	23:00	097°	+46°	0 dB	0°	097°	+46°	186°	+28°	3.9dB	498°K	359255	+215 Hz
2026-07-12 Sunday	23:30	103°	+51°	0 dB	0°	103°	+51°	193°	+28°	3.9dB	494°K	359242	+192 Hz
2026-07-13 Monday	00:00	110°	+56°	0 dB	0°	110°	+56°	200°	+28°	3.8dB	490°K	359229	+166 Hz
2026-07-13 Monday	00:30	119°	+60°	0 dB	0°	119°	+60°	207°	+28°	3.8dB	486°K	359217	+137 Hz
2026-07-13 Monday	01:00	130°	+65°	0 dB	0°	130°	+65°	214°	+28°	3.8dB	482°K	359206	+106 Hz
2026-07-13 Monday	01:30	143°	+68°	0 dB	0°	143°	+68°	222°	+28°	3.8dB	478°K	359196	+73 Hz
2026-07-13 Monday	02:00	160°	+70°	0 dB	0°	160°	+70°	229°	+28°	3.7dB	473°K	359187	+39 Hz
2026-07-13 Monday	02:30	180°	+71°	0 dB	0°	180°	+71°	236°	+28°	3.7dB	469°K	359178	+5 Hz
2026-07-13 Monday	03:00	199°	+70°	0 dB	0°	199°	+70°	243°	+28°	3.6dB	465°K	359170	-30 Hz
2026-07-13 Monday	03:30	216°	+68°	0 dB	0°	216°	+68°	250°	+28°	3.6dB	461°K	359163	-64 Hz
2026-07-13 Monday	04:00	230°	+65°	0 dB	0°	230°	+65°	257°	+28°	3.6dB	457°K	359156	-97 Hz
2026-07-13 Monday	04:30	240°	+60°	0 dB	0°	240°	+60°	265°	+28°	3.5dB	453°K	359151	-128 Hz
2026-07-13 Monday	05:00	249°	+56°	0 dB	0°	249°	+56°	272°	+28°	3.5dB	449°K	359146	-157 Hz
2026-07-13 Monday	05:30	256°	+51°	0 dB	0°	256°	+51°	279°	+28°	3.5dB	445°K	359142	-184 Hz
2026-07-13 Monday	06:00	262°	+46°	0 dB	0°	262°	+46°	286°	+28°	3.4dB	440°K	359139	-207 Hz
2026-07-13 Monday	06:30	268°	+41°	0 dB	0°	268°	+41°	293°	+28°	3.4dB	436°K	359136	-227 Hz
2026-07-13 Monday	07:00	273°	+36°	0 dB	0°	273°	+36°	300°	+28°	3.4dB	432°K	359134	-243 Hz
2026-07-13 Monday	07:30	278°	+31°	0 dB	0°	278°	+31°	308°	+28°	3.3dB	428°K	359133	-256 Hz
2026-07-13 Monday	08:00	283°	+26°	0 dB	0°	283°	+26°	315°	+28°	3.3dB	424°K	359133	-264 Hz
2026-07-13 Monday	08:30	287°	+21°	0 dB	0°	287°	+21°	322°	+27°	3.3dB	420°K	359134	-268 Hz
2026-07-13 Monday	09:00	292°	+17°	0 dB	0°	292°	+17°	329°	+27°	3.2dB	416°K	359135	-268 Hz
2026-07-13 Monday	09:30	296°	+12°	0 dB	0°	296°	+12°	336°	+27°	3.2dB	412°K	359137	-263 Hz
2026-07-13 Monday	10:00	301°	+8°	0 dB	0°	301°	+8°	343°	+27°	3.2dB	410°K	359140	-255 Hz
2026-07-13 Monday	10:30	306°	+3°	0 dB	0°	306°	+3°	351°	+27°	3.1dB	408°K	359144	-243 Hz
2026-07-13 Monday	19:30	053°	+2°	0 dB	0°	053°	+2°	120°	+27°	2.8dB	372°K	359343	+225 Hz
2026-07-13 Monday	20:00	058°	+6°	0 dB	0°	058°	+6°	127°	+27°	2.8dB	370°K	359361	+238 Hz
2026-07-13 Monday	20:30	063°	+10°	0 dB	0°	063°	+10°	134°	+26°	2.8dB	SUN!	359380	+248 Hz
2026-07-13 Monday	21:00	068°	+15°	0 dB	0°	068°	+15°	141°	+26°	2.7dB	SUN!	359400	+254 Hz
2026-07-13 Monday	21:30	073°	+19°	0 dB	0°	073°	+19°	148°	+26°	2.7dB	SUN!	359421	+256 Hz
2026-07-13 Monday	22:00	077°	+24°	0 dB	0°	077°	+24°	155°	+26°	2.7dB	SUN!	359443	+253 Hz
2026-07-13 Monday	22:30	082°	+29°	0 dB	0°	082°	+29°	163°	+26°	2.6dB	SUN!	359465	+246 Hz
2026-07-13 Monday	23:00	087°	+34°	0 dB	0°	087°	+34°	170°	+26°	2.6dB	SUN!	359488	+235 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-13 Monday	23:30	092°	+39°	0 dB	0°	092°	+39°	177°	+26°	2.6dB	SUN!	359512	+220 Hz
2026-07-14 Tuesday	00:00	098°	+44°	0 dB	0°	098°	+44°	184°	+26°	2.5dB	SUN!	359537	+201 Hz
2026-07-14 Tuesday	00:30	104°	+49°	0 dB	0°	104°	+49°	191°	+26°	2.5dB	SUN!	359563	+179 Hz
2026-07-14 Tuesday	01:00	111°	+53°	0 dB	0°	111°	+53°	199°	+26°	2.5dB	SUN!	359589	+153 Hz
2026-07-14 Tuesday	01:30	120°	+58°	0 dB	0°	120°	+58°	206°	+26°	2.5dB	SUN!	359616	+124 Hz
2026-07-14 Tuesday	02:00	130°	+62°	0 dB	0°	130°	+62°	213°	+26°	2.4dB	SUN!	359644	+93 Hz
2026-07-14 Tuesday	02:30	143°	+66°	0 dB	0°	143°	+66°	220°	+26°	2.4dB	SUN!	359672	+60 Hz
2026-07-14 Tuesday	03:00	158°	+68°	0 dB	0°	158°	+68°	227°	+26°	2.4dB	SUN!	359702	+25 Hz
2026-07-14 Tuesday	03:30	176°	+69°	0 dB	0°	176°	+69°	234°	+26°	2.3dB	SUN!	359732	-10 Hz
2026-07-14 Tuesday	04:00	194°	+69°	0 dB	0°	194°	+69°	242°	+26°	2.3dB	SUN!	359763	-45 Hz
2026-07-14 Tuesday	04:30	211°	+67°	0 dB	0°	211°	+67°	249°	+26°	2.3dB	SUN!	359794	-80 Hz
2026-07-14 Tuesday	05:00	224°	+63°	0 dB	0°	224°	+63°	256°	+25°	2.2dB	SUN!	359827	-114 Hz
2026-07-14 Tuesday	05:30	235°	+60°	0 dB	0°	235°	+60°	263°	+25°	2.2dB	SUN!	359860	-147 Hz
2026-07-14 Tuesday	06:00	245°	+55°	0 dB	0°	245°	+55°	270°	+25°	2.2dB	SUN!	359894	-177 Hz
2026-07-14 Tuesday	06:30	252°	+50°	0 dB	0°	252°	+50°	278°	+25°	2.1dB	SUN!	359929	-205 Hz
2026-07-14 Tuesday	07:00	259°	+45°	0 dB	0°	259°	+45°	285°	+25°	2.1dB	SUN!	359964	-230 Hz
2026-07-14 Tuesday	07:30	264°	+40°	0 dB	0°	264°	+40°	292°	+25°	2.1dB	SUN!	360001	-251 Hz
2026-07-14 Tuesday	08:00	270°	+35°	0 dB	0°	270°	+35°	299°	+25°	2.0dB	SUN!	360038	-268 Hz
2026-07-14 Tuesday	08:30	275°	+30°	0 dB	0°	275°	+30°	306°	+25°	2.0dB	SUN!	360075	-282 Hz
2026-07-14 Tuesday	09:00	280°	+25°	0 dB	0°	280°	+25°	313°	+25°	1.9dB	SUN!	360114	-291 Hz
2026-07-14 Tuesday	09:30	284°	+20°	0 dB	0°	284°	+20°	321°	+25°	1.9dB	SUN!	360153	-296 Hz
2026-07-14 Tuesday	10:00	289°	+15°	0 dB	0°	289°	+15°	328°	+25°	1.8dB	SUN!	360193	-297 Hz
2026-07-14 Tuesday	10:30	294°	+11°	0 dB	0°	294°	+11°	335°	+25°	1.8dB	SUN!	360234	-293 Hz
2026-07-14 Tuesday	11:00	298°	+6°	0 dB	0°	298°	+6°	342°	+25°	1.8dB	SUN!	360276	-285 Hz
2026-07-14 Tuesday	11:30	303°	+2°	0 dB	0°	303°	+2°	349°	+25°	1.7dB	SUN!	360318	-274 Hz
2026-07-14 Tuesday	21:00	060°	+3°	0 dB	0°	060°	+3°	126°	+23°	1.0dB	SUN!	361265	+222 Hz
2026-07-14 Tuesday	21:30	065°	+7°	0 dB	0°	065°	+7°	133°	+23°	1.0dB	SUN!	361322	+233 Hz
2026-07-14 Tuesday	22:00	070°	+12°	0 dB	0°	070°	+12°	140°	+23°	1.0dB	217°K	361380	+240 Hz
2026-07-14 Tuesday	22:30	075°	+16°	0 dB	0°	075°	+16°	148°	+23°	1.0dB	216°K	361438	+242 Hz
2026-07-14 Tuesday	23:00	080°	+21°	0 dB	0°	080°	+21°	155°	+23°	0.9dB	215°K	361498	+240 Hz
2026-07-14 Tuesday	23:30	085°	+26°	0 dB	0°	085°	+26°	162°	+23°	0.9dB	214°K	361558	+234 Hz
2026-07-15 Wednesday	00:00	090°	+31°	0 dB	0°	090°	+31°	169°	+22°	0.9dB	213°K	361618	+223 Hz
2026-07-15 Wednesday	00:30	095°	+36°	0 dB	0°	095°	+36°	176°	+22°	0.9dB	212°K	361680	+208 Hz
2026-07-15 Wednesday	01:00	101°	+41°	0 dB	0°	101°	+41°	184°	+22°	0.9dB	211°K	361742	+189 Hz
2026-07-15 Wednesday	01:30	108°	+46°	0 dB	0°	108°	+46°	191°	+22°	0.9dB	210°K	361805	+166 Hz
2026-07-15 Wednesday	02:00	115°	+50°	0 dB	0°	115°	+50°	198°	+22°	0.9dB	208°K	361868	+139 Hz
2026-07-15 Wednesday	02:30	124°	+55°	0 dB	0°	124°	+55°	205°	+22°	0.8dB	207°K	361932	+110 Hz
2026-07-15 Wednesday	03:00	134°	+59°	0 dB	0°	134°	+59°	212°	+22°	0.8dB	206°K	361997	+78 Hz
2026-07-15 Wednesday	03:30	146°	+62°	0 dB	0°	146°	+62°	220°	+22°	0.8dB	205°K	362063	+44 Hz
2026-07-15 Wednesday	04:00	160°	+64°	0 dB	0°	160°	+64°	227°	+22°	0.8dB	204°K	362129	+8 Hz
2026-07-15 Wednesday	04:30	175°	+65°	0 dB	0°	175°	+65°	234°	+22°	0.8dB	203°K	362196	-28 Hz
2026-07-15 Wednesday	05:00	191°	+65°	0 dB	0°	191°	+65°	241°	+22°	0.8dB	202°K	362264	-65 Hz
2026-07-15 Wednesday	05:30	206°	+63°	0 dB	0°	206°	+63°	248°	+21°	0.8dB	201°K	362332	-101 Hz
2026-07-15 Wednesday	06:00	219°	+60°	0 dB	0°	219°	+60°	256°	+21°	0.7dB	200°K	362401	-137 Hz
2026-07-15 Wednesday	06:30	230°	+56°	0 dB	0°	230°	+56°	263°	+21°	0.7dB	199°K	362471	-170 Hz
2026-07-15 Wednesday	07:00	239°	+52°	0 dB	0°	239°	+52°	270°	+21°	0.7dB	197°K	362541	-202 Hz
2026-07-15 Wednesday	07:30	247°	+47°	0 dB	0°	247°	+47°	277°	+21°	0.7dB	196°K	362612	-231 Hz
2026-07-15 Wednesday	08:00	254°	+43°	0 dB	0°	254°	+43°	284°	+21°	0.7dB	195°K	362684	-256 Hz
2026-07-15 Wednesday	08:30	260°	+38°	0 dB	0°	260°	+38°	292°	+21°	0.7dB	194°K	362756	-279 Hz
2026-07-15 Wednesday	09:00	266°	+33°	0 dB	0°	266°	+33°	299°	+21°	0.6dB	193°K	362829	-297 Hz
2026-07-15 Wednesday	09:30	271°	+27°	0 dB	0°	271°	+27°	306°	+21°	0.6dB	192°K	362903	-311 Hz
2026-07-15 Wednesday	10:00	276°	+22°	0 dB	0°	276°	+22°	313°	+20°	0.6dB	191°K	362978	-320 Hz
2026-07-15 Wednesday	10:30	281°	+17°	0 dB	0°	281°	+17°	321°	+20°	0.6dB	190°K	363053	-326 Hz
2026-07-15 Wednesday	11:00	285°	+12°	0 dB	0°	285°	+12°	328°	+20°	0.6dB	189°K	363128	-326 Hz
2026-07-15 Wednesday	11:30	290°	+8°	0 dB	0°	290°	+8°	335°	+20°	0.6dB	188°K	363205	-323 Hz
2026-07-15 Wednesday	12:00	295°	+3°	0 dB	0°	295°	+3°	342°	+20°	0.6dB	187°K	363281	-314 Hz
2026-07-15 Wednesday	22:30	069°	+4°	0 dB	0°	069°	+4°	134°	+18°	0.5dB	176°K	365041	+224 Hz
2026-07-15 Wednesday	23:00	074°	+8°	0 dB	0°	074°	+8°	141°	+18°	0.5dB	177°K	365131	+231 Hz
2026-07-15 Wednesday	23:30	079°	+13°	0 dB	0°	079°	+13°	148°	+18°	0.5dB	177°K	365222	+233 Hz
2026-07-16 Thursday	00:00	084°	+18°	0 dB	0°	084°	+18°	155°	+17°	0.5dB	177°K	365313	+231 Hz
2026-07-16 Thursday	00:30	089°	+23°	0 dB	0°	089°	+23°	163°	+17°	0.5dB	178°K	365405	+224 Hz
2026-07-16 Thursday	01:00	095°	+28°	0 dB	0°	095°	+28°	170°	+17°	0.5dB	178°K	365498	+213 Hz
2026-07-16 Thursday	01:30	101°	+33°	0 dB	0°	101°	+33°	177°	+17°	0.5dB	179°K	365591	+197 Hz
2026-07-16 Thursday	02:00	107°	+38°	0 dB	0°	107°	+38°	184°	+17°	0.5dB	179°K	365685	+176 Hz
2026-07-16 Thursday	02:30	114°	+42°	0 dB	0°	114°	+42°	192°	+17°	0.5dB	179°K	365779	+152 Hz
2026-07-16 Thursday	03:00	121°	+47°	0 dB	0°	121°	+47°	199°	+17°	0.6dB	180°K	365874	+125 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-16 Thursday	03:30	130°	+51°	0 dB	0°	130°	+51°	206°	+17°	0.6dB	180°K	365969	+94 Hz
2026-07-16 Thursday	04:00	140°	+54°	0 dB	0°	140°	+54°	213°	+16°	0.6dB	180°K	366065	+60 Hz
2026-07-16 Thursday	04:30	151°	+57°	0 dB	0°	151°	+57°	220°	+16°	0.6dB	181°K	366161	+25 Hz
2026-07-16 Thursday	05:00	164°	+59°	0 dB	0°	164°	+59°	228°	+16°	0.6dB	181°K	366258	-12 Hz
2026-07-16 Thursday	05:30	178°	+59°	0 dB	0°	178°	+59°	235°	+16°	0.6dB	181°K	366355	-50 Hz
2026-07-16 Thursday	06:00	192°	+59°	0 dB	0°	192°	+59°	242°	+16°	0.6dB	182°K	366453	-88 Hz
2026-07-16 Thursday	06:30	205°	+57°	0 dB	0°	205°	+57°	249°	+16°	0.6dB	182°K	366552	-125 Hz
2026-07-16 Thursday	07:00	216°	+55°	0 dB	0°	216°	+55°	257°	+16°	0.6dB	182°K	366651	-162 Hz
2026-07-16 Thursday	07:30	226°	+51°	0 dB	0°	226°	+51°	264°	+16°	0.6dB	182°K	366750	-196 Hz
2026-07-16 Thursday	08:00	235°	+47°	0 dB	0°	235°	+47°	271°	+16°	0.7dB	183°K	366850	-229 Hz
2026-07-16 Thursday	08:30	243°	+43°	0 dB	0°	243°	+43°	278°	+15°	0.7dB	183°K	366950	-258 Hz
2026-07-16 Thursday	09:00	250°	+38°	0 dB	0°	250°	+38°	286°	+15°	0.7dB	183°K	367051	-284 Hz
2026-07-16 Thursday	09:30	256°	+33°	0 dB	0°	256°	+33°	293°	+15°	0.7dB	183°K	367153	-306 Hz
2026-07-16 Thursday	10:00	262°	+28°	0 dB	0°	262°	+28°	300°	+15°	0.7dB	183°K	367255	-324 Hz
2026-07-16 Thursday	10:30	267°	+23°	0 dB	0°	267°	+23°	307°	+15°	0.7dB	183°K	367357	-337 Hz
2026-07-16 Thursday	11:00	272°	+18°	0 dB	0°	272°	+18°	314°	+15°	0.7dB	184°K	367460	-347 Hz
2026-07-16 Thursday	11:30	277°	+13°	0 dB	0°	277°	+13°	322°	+15°	0.7dB	184°K	367563	-351 Hz
2026-07-16 Thursday	12:00	282°	+7°	0 dB	0°	282°	+7°	329°	+15°	0.7dB	184°K	367667	-351 Hz
2026-07-16 Thursday	12:30	287°	+3°	0 dB	0°	287°	+3°	336°	+14°	0.7dB	184°K	367771	-346 Hz
2026-07-16 Thursday	23:30	074°	+0°	0 dB	0°	074°	+0°	136°	+12°	0.9dB	189°K	370174	+221 Hz
2026-07-17 Friday	00:00	080°	+5°	0 dB	0°	080°	+5°	143°	+12°	0.9dB	189°K	370288	+227 Hz
2026-07-17 Friday	00:30	085°	+10°	0 dB	0°	085°	+10°	150°	+11°	0.9dB	189°K	370402	+228 Hz
2026-07-17 Friday	01:00	090°	+15°	0 dB	0°	090°	+15°	157°	+11°	1.0dB	190°K	370516	+224 Hz
2026-07-17 Friday	01:30	096°	+20°	0 dB	0°	096°	+20°	165°	+11°	1.0dB	190°K	370631	+216 Hz
2026-07-17 Friday	02:00	101°	+25°	0 dB	0°	101°	+25°	172°	+11°	1.0dB	190°K	370746	+203 Hz
2026-07-17 Friday	02:30	107°	+30°	0 dB	0°	107°	+30°	179°	+11°	1.0dB	190°K	370862	+185 Hz
2026-07-17 Friday	03:00	114°	+34°	0 dB	0°	114°	+34°	186°	+11°	1.0dB	191°K	370978	+163 Hz
2026-07-17 Friday	03:30	121°	+39°	0 dB	0°	121°	+39°	194°	+11°	1.0dB	191°K	371094	+138 Hz
2026-07-17 Friday	04:00	129°	+43°	0 dB	0°	129°	+43°	201°	+10°	1.0dB	191°K	371210	+108 Hz
2026-07-17 Friday	04:30	137°	+46°	0 dB	0°	137°	+46°	208°	+10°	1.0dB	192°K	371327	+76 Hz
2026-07-17 Friday	05:00	147°	+49°	0 dB	0°	147°	+49°	215°	+10°	1.0dB	192°K	371444	+41 Hz
2026-07-17 Friday	05:30	158°	+52°	0 dB	0°	158°	+52°	223°	+10°	1.0dB	192°K	371562	+4 Hz
2026-07-17 Friday	06:00	170°	+53°	0 dB	0°	170°	+53°	230°	+10°	1.1dB	193°K	371680	-35 Hz
2026-07-17 Friday	06:30	182°	+53°	0 dB	0°	182°	+53°	237°	+10°	1.1dB	193°K	371798	-74 Hz
2026-07-17 Friday	07:00	194°	+52°	0 dB	0°	194°	+52°	244°	+10°	1.1dB	193°K	371916	-112 Hz
2026-07-17 Friday	07:30	205°	+50°	0 dB	0°	205°	+50°	252°	+10°	1.1dB	194°K	372035	-150 Hz
2026-07-17 Friday	08:00	215°	+48°	0 dB	0°	215°	+48°	259°	+9°	1.1dB	194°K	372154	-187 Hz
2026-07-17 Friday	08:30	224°	+44°	0 dB	0°	224°	+44°	266°	+9°	1.1dB	194°K	372273	-222 Hz
2026-07-17 Friday	09:00	233°	+40°	0 dB	0°	233°	+40°	273°	+9°	1.1dB	194°K	372393	-254 Hz
2026-07-17 Friday	09:30	240°	+36°	0 dB	0°	240°	+36°	281°	+9°	1.1dB	195°K	372512	-282 Hz
2026-07-17 Friday	10:00	247°	+31°	0 dB	0°	247°	+31°	288°	+9°	1.1dB	195°K	372633	-308 Hz
2026-07-17 Friday	10:30	253°	+27°	0 dB	0°	253°	+27°	295°	+9°	1.2dB	195°K	372753	-329 Hz
2026-07-17 Friday	11:00	259°	+22°	0 dB	0°	259°	+22°	302°	+9°	1.2dB	196°K	372874	-345 Hz
2026-07-17 Friday	11:30	264°	+17°	0 dB	0°	264°	+17°	310°	+9°	1.2dB	196°K	372994	-358 Hz
2026-07-17 Friday	12:00	269°	+11°	0 dB	0°	269°	+11°	317°	+8°	1.2dB	196°K	373116	-365 Hz
2026-07-17 Friday	12:30	274°	+6°	0 dB	0°	274°	+6°	324°	+8°	1.2dB	197°K	373237	-368 Hz
2026-07-17 Friday	13:00	280°	+1°	0 dB	0°	280°	+1°	331°	+8°	1.2dB	197°K	373359	-365 Hz
2026-07-18 Saturday	01:00	086°	+2°	0 dB	0°	086°	+2°	146°	+5°	1.5dB	204°K	376340	+226 Hz
2026-07-18 Saturday	01:30	092°	+7°	0 dB	0°	092°	+7°	153°	+5°	1.5dB	204°K	376466	+225 Hz
2026-07-18 Saturday	02:00	097°	+12°	0 dB	0°	097°	+12°	160°	+5°	1.5dB	205°K	376593	+219 Hz
2026-07-18 Saturday	02:30	103°	+17°	0 dB	0°	103°	+17°	168°	+5°	1.5dB	205°K	376719	+208 Hz
2026-07-18 Saturday	03:00	109°	+22°	0 dB	0°	109°	+22°	175°	+4°	1.5dB	205°K	376846	+193 Hz
2026-07-18 Saturday	03:30	115°	+27°	0 dB	0°	115°	+27°	182°	+4°	1.5dB	206°K	376973	+173 Hz
2026-07-18 Saturday	04:00	121°	+31°	0 dB	0°	121°	+31°	189°	+4°	1.5dB	206°K	377099	+150 Hz
2026-07-18 Saturday	04:30	129°	+35°	0 dB	0°	129°	+35°	197°	+4°	1.5dB	206°K	377226	+122 Hz
2026-07-18 Saturday	05:00	137°	+39°	0 dB	0°	137°	+39°	204°	+4°	1.5dB	206°K	377354	+91 Hz
2026-07-18 Saturday	05:30	145°	+42°	0 dB	0°	145°	+42°	211°	+4°	1.6dB	207°K	377481	+56 Hz
2026-07-18 Saturday	06:00	155°	+44°	0 dB	0°	155°	+44°	218°	+4°	1.6dB	207°K	377608	+20 Hz
2026-07-18 Saturday	06:30	165°	+46°	0 dB	0°	165°	+46°	226°	+4°	1.6dB	207°K	377735	-18 Hz
2026-07-18 Saturday	07:00	175°	+46°	0 dB	0°	175°	+46°	233°	+3°	1.6dB	208°K	377863	-57 Hz
2026-07-18 Saturday	07:30	186°	+46°	0 dB	0°	186°	+46°	240°	+3°	1.6dB	208°K	377990	-96 Hz
2026-07-18 Saturday	08:00	197°	+45°	0 dB	0°	197°	+45°	247°	+3°	1.6dB	208°K	378118	-135 Hz
2026-07-18 Saturday	08:30	206°	+43°	0 dB	0°	206°	+43°	255°	+3°	1.6dB	208°K	378246	-173 Hz
2026-07-18 Saturday	09:00	216°	+40°	0 dB	0°	216°	+40°	262°	+3°	1.6dB	209°K	378373	-209 Hz
2026-07-18 Saturday	09:30	224°	+37°	0 dB	0°	224°	+37°	269°	+3°	1.7dB	209°K	378501	-243 Hz
2026-07-18 Saturday	10:00	231°	+33°	0 dB	0°	231°	+33°	277°	+3°	1.7dB	209°K	378629	-274 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-18 Saturday	10:30	238°	+29°	0 dB	0°	238°	+29°	284°	+2°	1.7dB	210°K	378757	-301 Hz
2026-07-18 Saturday	11:00	245°	+24°	0 dB	0°	245°	+24°	291°	+2°	1.7dB	210°K	378885	-324 Hz
2026-07-18 Saturday	11:30	251°	+19°	0 dB	0°	251°	+19°	298°	+2°	1.7dB	210°K	379013	-343 Hz
2026-07-18 Saturday	12:00	256°	+15°	0 dB	0°	256°	+15°	306°	+2°	1.7dB	210°K	379141	-358 Hz
2026-07-18 Saturday	12:30	262°	+9°	0 dB	0°	262°	+9°	313°	+2°	1.7dB	211°K	379269	-368 Hz
2026-07-18 Saturday	13:00	267°	+4°	0 dB	0°	267°	+4°	320°	+2°	1.7dB	211°K	379397	-373 Hz
2026-07-19 Sunday	02:00	094°	+0°	0 dB	0°	094°	+0°	149°	-2°	2.4dB	245°K	382723	+225 Hz
2026-07-19 Sunday	02:30	099°	+5°	0 dB	0°	099°	+5°	157°	-2°	2.4dB	246°K	382850	+222 Hz
2026-07-19 Sunday	03:00	104°	+10°	0 dB	0°	104°	+10°	164°	-2°	2.4dB	248°K	382977	+214 Hz
2026-07-19 Sunday	03:30	110°	+15°	0 dB	0°	110°	+15°	171°	-2°	2.5dB	249°K	383104	+201 Hz
2026-07-19 Sunday	04:00	116°	+19°	0 dB	0°	116°	+19°	178°	-2°	2.5dB	251°K	383231	+183 Hz
2026-07-19 Sunday	04:30	122°	+24°	0 dB	0°	122°	+24°	186°	-2°	2.5dB	252°K	383358	+161 Hz
2026-07-19 Sunday	05:00	129°	+28°	0 dB	0°	129°	+28°	193°	-2°	2.5dB	254°K	383485	+135 Hz
2026-07-19 Sunday	05:30	137°	+31°	0 dB	0°	137°	+31°	200°	-3°	2.6dB	256°K	383612	+106 Hz
2026-07-19 Sunday	06:00	144°	+34°	0 dB	0°	144°	+34°	208°	-3°	2.6dB	257°K	383738	+73 Hz
2026-07-19 Sunday	06:30	153°	+37°	0 dB	0°	153°	+37°	215°	-3°	2.6dB	259°K	383864	+38 Hz
2026-07-19 Sunday	07:00	162°	+39°	0 dB	0°	162°	+39°	222°	-3°	2.7dB	260°K	383991	+1 Hz
2026-07-19 Sunday	07:30	171°	+40°	0 dB	0°	171°	+40°	229°	-3°	2.7dB	262°K	384117	-38 Hz
2026-07-19 Sunday	08:00	181°	+40°	0 dB	0°	181°	+40°	237°	-3°	2.7dB	264°K	384243	-77 Hz
2026-07-19 Sunday	08:30	190°	+39°	0 dB	0°	190°	+39°	244°	-3°	2.7dB	265°K	384369	-116 Hz
2026-07-19 Sunday	09:00	200°	+38°	0 dB	0°	200°	+38°	251°	-3°	2.8dB	267°K	384495	-154 Hz
2026-07-19 Sunday	09:30	208°	+36°	0 dB	0°	208°	+36°	259°	-4°	2.8dB	269°K	384620	-191 Hz
2026-07-19 Sunday	10:00	217°	+33°	0 dB	0°	217°	+33°	266°	-4°	2.8dB	270°K	384746	-225 Hz
2026-07-19 Sunday	10:30	224°	+29°	0 dB	0°	224°	+29°	273°	-4°	2.9dB	272°K	384871	-257 Hz
2026-07-19 Sunday	11:00	231°	+26°	0 dB	0°	231°	+26°	280°	-4°	2.9dB	274°K	384996	-286 Hz
2026-07-19 Sunday	11:30	238°	+21°	0 dB	0°	238°	+21°	288°	-4°	2.9dB	275°K	385121	-311 Hz
2026-07-19 Sunday	12:00	244°	+17°	0 dB	0°	244°	+17°	295°	-4°	2.9dB	277°K	385246	-332 Hz
2026-07-19 Sunday	12:30	249°	+12°	0 dB	0°	249°	+12°	302°	-4°	3.0dB	279°K	385371	-348 Hz
2026-07-19 Sunday	13:00	255°	+7°	0 dB	0°	255°	+7°	309°	-4°	3.0dB	280°K	385496	-360 Hz
2026-07-19 Sunday	13:30	260°	+2°	0 dB	0°	260°	+2°	317°	-5°	3.0dB	282°K	385620	-367 Hz
2026-07-20 Monday	03:30	106°	+3°	0 dB	0°	106°	+3°	161°	-8°	3.5dB	313°K	389020	+220 Hz
2026-07-20 Monday	04:00	112°	+8°	0 dB	0°	112°	+8°	168°	-8°	3.6dB	313°K	389138	+209 Hz
2026-07-20 Monday	04:30	117°	+12°	0 dB	0°	117°	+12°	175°	-8°	3.6dB	313°K	389256	+193 Hz
2026-07-20 Monday	05:00	123°	+17°	0 dB	0°	123°	+17°	182°	-8°	3.6dB	313°K	389373	+174 Hz
2026-07-20 Monday	05:30	130°	+21°	0 dB	0°	130°	+21°	190°	-8°	3.6dB	313°K	389490	+150 Hz
2026-07-20 Monday	06:00	137°	+24°	0 dB	0°	137°	+24°	197°	-9°	3.6dB	313°K	389607	+122 Hz
2026-07-20 Monday	06:30	144°	+27°	0 dB	0°	144°	+27°	204°	-9°	3.6dB	313°K	389724	+91 Hz
2026-07-20 Monday	07:00	152°	+30°	0 dB	0°	152°	+30°	212°	-9°	3.6dB	313°K	389840	+58 Hz
2026-07-20 Monday	07:30	160°	+32°	0 dB	0°	160°	+32°	219°	-9°	3.6dB	313°K	389956	+22 Hz
2026-07-20 Monday	08:00	168°	+33°	0 dB	0°	168°	+33°	226°	-9°	3.6dB	313°K	390072	-15 Hz
2026-07-20 Monday	08:30	177°	+34°	0 dB	0°	177°	+34°	233°	-9°	3.6dB	313°K	390187	-54 Hz
2026-07-20 Monday	09:00	186°	+34°	0 dB	0°	186°	+34°	241°	-9°	3.6dB	313°K	390302	-92 Hz
2026-07-20 Monday	09:30	194°	+33°	0 dB	0°	194°	+33°	248°	-9°	3.6dB	313°K	390417	-130 Hz
2026-07-20 Monday	10:00	202°	+31°	0 dB	0°	202°	+31°	255°	-10°	3.6dB	313°K	390532	-167 Hz
2026-07-20 Monday	10:30	210°	+28°	0 dB	0°	210°	+28°	263°	-10°	3.6dB	313°K	390646	-202 Hz
2026-07-20 Monday	11:00	218°	+26°	0 dB	0°	218°	+26°	270°	-10°	3.6dB	313°K	390760	-234 Hz
2026-07-20 Monday	11:30	225°	+22°	0 dB	0°	225°	+22°	277°	-10°	3.6dB	313°K	390874	-264 Hz
2026-07-20 Monday	12:00	231°	+18°	0 dB	0°	231°	+18°	284°	-10°	3.6dB	313°K	390987	-290 Hz
2026-07-20 Monday	12:30	237°	+14°	0 dB	0°	237°	+14°	292°	-10°	3.6dB	313°K	391100	-312 Hz
2026-07-20 Monday	13:00	243°	+10°	0 dB	0°	243°	+10°	299°	-10°	3.6dB	313°K	391213	-330 Hz
2026-07-20 Monday	13:30	248°	+5°	0 dB	0°	248°	+5°	306°	-10°	3.6dB	313°K	391325	-344 Hz
2026-07-20 Monday	14:00	254°	-0°	0 dB	0°	254°	-0°	314°	-11°	3.7dB	313°K	391437	-352 Hz
2026-07-21 Tuesday	04:30	113°	+2°	0 dB	0°	113°	+2°	165°	-14°	3.7dB	305°K	394534	+217 Hz
2026-07-21 Tuesday	05:00	118°	+6°	0 dB	0°	118°	+6°	172°	-14°	3.7dB	304°K	394635	+204 Hz
2026-07-21 Tuesday	05:30	124°	+10°	0 dB	0°	124°	+10°	179°	-14°	3.7dB	304°K	394735	+187 Hz
2026-07-21 Tuesday	06:00	130°	+14°	0 dB	0°	130°	+14°	186°	-14°	3.7dB	304°K	394836	+165 Hz
2026-07-21 Tuesday	06:30	136°	+18°	0 dB	0°	136°	+18°	194°	-14°	3.7dB	305°K	394936	+140 Hz
2026-07-21 Tuesday	07:00	143°	+21°	0 dB	0°	143°	+21°	201°	-14°	3.7dB	306°K	395035	+111 Hz
2026-07-21 Tuesday	07:30	150°	+24°	0 dB	0°	150°	+24°	208°	-14°	3.7dB	306°K	395135	+79 Hz
2026-07-21 Tuesday	08:00	158°	+26°	0 dB	0°	158°	+26°	216°	-15°	3.8dB	307°K	395233	+45 Hz
2026-07-21 Tuesday	08:30	166°	+27°	0 dB	0°	166°	+27°	223°	-15°	3.8dB	308°K	395332	+10 Hz
2026-07-21 Tuesday	09:00	173°	+28°	0 dB	0°	173°	+28°	230°	-15°	3.8dB	308°K	395430	-27 Hz
2026-07-21 Tuesday	09:30	181°	+28°	0 dB	0°	181°	+28°	237°	-15°	3.8dB	309°K	395527	-65 Hz
2026-07-21 Tuesday	10:00	189°	+28°	0 dB	0°	189°	+28°	245°	-15°	3.8dB	310°K	395624	-102 Hz
2026-07-21 Tuesday	10:30	197°	+26°	0 dB	0°	197°	+26°	252°	-15°	3.8dB	311°K	395721	-138 Hz
2026-07-21 Tuesday	11:00	205°	+24°	0 dB	0°	205°	+24°	259°	-15°	3.8dB	311°K	395817	-173 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-21 Tuesday	11:30	212°	+22°	0 dB	0°	212°	+22°	267°	-15°	3.8dB	312°K	395913	-206 Hz
2026-07-21 Tuesday	12:00	219°	+19°	0 dB	0°	219°	+19°	274°	-15°	3.9dB	313°K	396009	-236 Hz
2026-07-21 Tuesday	12:30	225°	+15°	0 dB	0°	225°	+15°	281°	-15°	3.9dB	313°K	396104	-263 Hz
2026-07-21 Tuesday	13:00	231°	+11°	0 dB	0°	231°	+11°	288°	-16°	3.9dB	314°K	396198	-286 Hz
2026-07-21 Tuesday	13:30	237°	+7°	0 dB	0°	237°	+7°	296°	-16°	3.9dB	315°K	396292	-305 Hz
2026-07-21 Tuesday	14:00	242°	+3°	0 dB	0°	242°	+3°	303°	-16°	3.9dB	315°K	396386	-320 Hz
2026-07-22 Wednesday	05:30	119°	+0°	0 dB	0°	119°	+0°	168°	-19°	4.3dB	345°K	399072	+215 Hz
2026-07-22 Wednesday	06:00	124°	+4°	0 dB	0°	124°	+4°	176°	-19°	4.4dB	346°K	399151	+201 Hz
2026-07-22 Wednesday	06:30	130°	+8°	0 dB	0°	130°	+8°	183°	-19°	4.4dB	347°K	399230	+181 Hz
2026-07-22 Wednesday	07:00	136°	+12°	0 dB	0°	136°	+12°	190°	-19°	4.4dB	348°K	399309	+159 Hz
2026-07-22 Wednesday	07:30	142°	+15°	0 dB	0°	142°	+15°	197°	-19°	4.4dB	349°K	399387	+132 Hz
2026-07-22 Wednesday	08:00	149°	+18°	0 dB	0°	149°	+18°	205°	-19°	4.4dB	351°K	399464	+103 Hz
2026-07-22 Wednesday	08:30	156°	+20°	0 dB	0°	156°	+20°	212°	-19°	4.4dB	352°K	399541	+71 Hz
2026-07-22 Wednesday	09:00	163°	+22°	0 dB	0°	163°	+22°	219°	-19°	4.5dB	353°K	399617	+37 Hz
2026-07-22 Wednesday	09:30	170°	+23°	0 dB	0°	170°	+23°	227°	-19°	4.5dB	354°K	399693	+2 Hz
2026-07-22 Wednesday	10:00	178°	+23°	0 dB	0°	178°	+23°	234°	-20°	4.5dB	355°K	399769	-34 Hz
2026-07-22 Wednesday	10:30	185°	+23°	0 dB	0°	185°	+23°	241°	-20°	4.5dB	356°K	399844	-70 Hz
2026-07-22 Wednesday	11:00	193°	+22°	0 dB	0°	193°	+22°	248°	-20°	4.5dB	358°K	399919	-106 Hz
2026-07-22 Wednesday	11:30	200°	+21°	0 dB	0°	200°	+21°	256°	-20°	4.5dB	359°K	399993	-140 Hz
2026-07-22 Wednesday	12:00	207°	+19°	0 dB	0°	207°	+19°	263°	-20°	4.5dB	360°K	400066	-173 Hz
2026-07-22 Wednesday	12:30	213°	+16°	0 dB	0°	213°	+16°	270°	-20°	4.6dB	361°K	400139	-203 Hz
2026-07-22 Wednesday	13:00	220°	+13°	0 dB	0°	220°	+13°	277°	-20°	4.6dB	362°K	400212	-231 Hz
2026-07-22 Wednesday	13:30	226°	+9°	0 dB	0°	226°	+9°	285°	-20°	4.6dB	363°K	400284	-255 Hz
2026-07-22 Wednesday	14:00	231°	+6°	0 dB	0°	231°	+6°	292°	-20°	4.6dB	364°K	400356	-276 Hz
2026-07-22 Wednesday	14:30	237°	+1°	0 dB	0°	237°	+1°	299°	-20°	4.6dB	365°K	400427	-292 Hz
2026-07-23 Thursday	07:00	129°	+3°	0 dB	0°	129°	+3°	179°	-23°	5.0dB	398°K	402501	+199 Hz
2026-07-23 Thursday	07:30	135°	+7°	0 dB	0°	135°	+7°	186°	-23°	5.0dB	399°K	402555	+179 Hz
2026-07-23 Thursday	08:00	141°	+10°	0 dB	0°	141°	+10°	193°	-23°	5.1dB	400°K	402609	+155 Hz
2026-07-23 Thursday	08:30	147°	+13°	0 dB	0°	147°	+13°	201°	-23°	5.1dB	401°K	402663	+128 Hz
2026-07-23 Thursday	09:00	153°	+15°	0 dB	0°	153°	+15°	208°	-23°	5.1dB	402°K	402716	+99 Hz
2026-07-23 Thursday	09:30	160°	+17°	0 dB	0°	160°	+17°	215°	-23°	5.1dB	403°K	402768	+67 Hz
2026-07-23 Thursday	10:00	167°	+19°	0 dB	0°	167°	+19°	223°	-23°	5.1dB	404°K	402820	+34 Hz
2026-07-23 Thursday	10:30	174°	+19°	0 dB	0°	174°	+19°	230°	-23°	5.1dB	404°K	402871	-1 Hz
2026-07-23 Thursday	11:00	181°	+19°	0 dB	0°	181°	+19°	237°	-24°	5.1dB	405°K	402922	-36 Hz
2026-07-23 Thursday	11:30	188°	+19°	0 dB	0°	188°	+19°	244°	-24°	5.1dB	406°K	402973	-71 Hz
2026-07-23 Thursday	12:00	195°	+18°	0 dB	0°	195°	+18°	252°	-24°	5.1dB	407°K	403023	-105 Hz
2026-07-23 Thursday	12:30	202°	+16°	0 dB	0°	202°	+16°	259°	-24°	5.1dB	408°K	403072	-137 Hz
2026-07-23 Thursday	13:00	208°	+14°	0 dB	0°	208°	+14°	266°	-24°	5.2dB	409°K	403121	-168 Hz
2026-07-23 Thursday	13:30	215°	+11°	0 dB	0°	215°	+11°	273°	-24°	5.2dB	410°K	403170	-196 Hz
2026-07-23 Thursday	14:00	221°	+8°	0 dB	0°	221°	+8°	281°	-24°	5.2dB	411°K	403218	-222 Hz
2026-07-23 Thursday	14:30	226°	+5°	0 dB	0°	226°	+5°	288°	-24°	5.2dB	412°K	403265	-244 Hz
2026-07-23 Thursday	15:00	232°	+1°	0 dB	0°	232°	+1°	295°	-24°	5.2dB	413°K	403312	-262 Hz
2026-07-24 Friday	08:00	133°	+2°	0 dB	0°	133°	+2°	182°	-26°	5.9dB	483°K	404614	+200 Hz
2026-07-24 Friday	08:30	139°	+5°	0 dB	0°	139°	+5°	189°	-26°	5.9dB	487°K	404644	+179 Hz
2026-07-24 Friday	09:00	144°	+8°	0 dB	0°	144°	+8°	196°	-26°	5.9dB	492°K	404673	+155 Hz
2026-07-24 Friday	09:30	150°	+11°	0 dB	0°	150°	+11°	204°	-26°	6.0dB	497°K	404702	+128 Hz
2026-07-24 Friday	10:00	157°	+13°	0 dB	0°	157°	+13°	211°	-26°	6.0dB	502°K	404730	+98 Hz
2026-07-24 Friday	10:30	163°	+15°	0 dB	0°	163°	+15°	218°	-26°	6.0dB	506°K	404758	+67 Hz
2026-07-24 Friday	11:00	170°	+16°	0 dB	0°	170°	+16°	225°	-26°	6.1dB	511°K	404785	+34 Hz
2026-07-24 Friday	11:30	177°	+17°	0 dB	0°	177°	+17°	233°	-26°	6.1dB	516°K	404812	0 Hz
2026-07-24 Friday	12:00	184°	+17°	0 dB	0°	184°	+17°	240°	-26°	6.2dB	520°K	404838	-34 Hz
2026-07-24 Friday	12:30	190°	+16°	0 dB	0°	190°	+16°	247°	-26°	6.2dB	525°K	404864	-68 Hz
2026-07-24 Friday	13:00	197°	+15°	0 dB	0°	197°	+15°	254°	-26°	6.2dB	530°K	404889	-101 Hz
2026-07-24 Friday	13:30	203°	+13°	0 dB	0°	203°	+13°	262°	-26°	6.3dB	534°K	404914	-132 Hz
2026-07-24 Friday	14:00	210°	+11°	0 dB	0°	210°	+11°	269°	-26°	6.3dB	539°K	404938	-161 Hz
2026-07-24 Friday	14:30	216°	+8°	0 dB	0°	216°	+8°	276°	-27°	6.3dB	544°K	404962	-187 Hz
2026-07-24 Friday	15:00	221°	+5°	0 dB	0°	221°	+5°	283°	-27°	6.4dB	549°K	404986	-211 Hz
2026-07-24 Friday	15:30	227°	+1°	0 dB	0°	227°	+1°	291°	-27°	6.4dB	553°K	405009	-231 Hz
2026-07-25 Saturday	09:00	136°	+2°	0 dB	0°	136°	+2°	184°	-28°	8.1dB	833°K	405520	+203 Hz
2026-07-25 Saturday	09:30	141°	+5°	0 dB	0°	141°	+5°	191°	-28°	8.1dB	843°K	405527	+182 Hz
2026-07-25 Saturday	10:00	147°	+8°	0 dB	0°	147°	+8°	199°	-28°	8.2dB	852°K	405533	+157 Hz
2026-07-25 Saturday	10:30	153°	+10°	0 dB	0°	153°	+10°	206°	-28°	8.2dB	862°K	405538	+130 Hz
2026-07-25 Saturday	11:00	159°	+12°	0 dB	0°	159°	+12°	213°	-28°	8.3dB	875°K	405543	+100 Hz
2026-07-25 Saturday	11:30	166°	+14°	0 dB	0°	166°	+14°	220°	-28°	8.4dB	902°K	405548	+69 Hz
2026-07-25 Saturday	12:00	172°	+15°	0 dB	0°	172°	+15°	228°	-28°	8.5dB	930°K	405552	+36 Hz
2026-07-25 Saturday	12:30	179°	+15°	0 dB	0°	179°	+15°	235°	-28°	8.6dB	957°K	405556	+3 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-25 Saturday	13:00	186°	+15°	0 dB	0°	186°	+15°	242°	-28°	8.7dB	985°K	405559	-31 Hz
2026-07-25 Saturday	13:30	192°	+14°	0 dB	0°	192°	+14°	249°	-28°	8.9dB	1012°K	405562	-64 Hz
2026-07-25 Saturday	14:00	199°	+13°	0 dB	0°	199°	+13°	257°	-28°	9.0dB	1039°K	405565	-95 Hz
2026-07-25 Saturday	14:30	205°	+11°	0 dB	0°	205°	+11°	264°	-28°	9.1dB	1067°K	405567	-126 Hz
2026-07-25 Saturday	15:00	211°	+9°	0 dB	0°	211°	+9°	271°	-28°	9.2dB	1094°K	405569	-154 Hz
2026-07-25 Saturday	15:30	217°	+6°	0 dB	0°	217°	+6°	278°	-28°	9.3dB	1122°K	405570	-179 Hz
2026-07-25 Saturday	16:00	222°	+3°	0 dB	0°	222°	+3°	286°	-28°	9.4dB	1149°K	405571	-202 Hz
2026-07-26 Sunday	10:00	138°	+2°	0 dB	0°	138°	+2°	186°	-28°	13.1dB	2828°K	405326	+209 Hz
2026-07-26 Sunday	10:30	143°	+5°	0 dB	0°	143°	+5°	193°	-28°	13.2dB	2892°K	405312	+187 Hz
2026-07-26 Sunday	11:00	149°	+8°	0 dB	0°	149°	+8°	201°	-28°	13.3dB	2955°K	405297	+161 Hz
2026-07-26 Sunday	11:30	155°	+11°	0 dB	0°	155°	+11°	208°	-28°	13.4dB	3018°K	405283	+133 Hz
2026-07-26 Sunday	12:00	161°	+13°	0 dB	0°	161°	+13°	215°	-28°	13.5dB	3082°K	405267	+103 Hz
2026-07-26 Sunday	12:30	168°	+14°	0 dB	0°	168°	+14°	222°	-28°	13.6dB	3145°K	405252	+72 Hz
2026-07-26 Sunday	13:00	174°	+15°	0 dB	0°	174°	+15°	230°	-28°	13.7dB	3208°K	405236	+39 Hz
2026-07-26 Sunday	13:30	181°	+15°	0 dB	0°	181°	+15°	237°	-28°	13.8dB	3271°K	405220	+5 Hz
2026-07-26 Sunday	14:00	187°	+15°	0 dB	0°	187°	+15°	244°	-28°	13.8dB	3285°K	405203	-28 Hz
2026-07-26 Sunday	14:30	194°	+14°	0 dB	0°	194°	+14°	251°	-28°	13.7dB	3239°K	405186	-61 Hz
2026-07-26 Sunday	15:00	200°	+12°	0 dB	0°	200°	+12°	259°	-28°	13.7dB	3194°K	405168	-92 Hz
2026-07-26 Sunday	15:30	207°	+10°	0 dB	0°	207°	+10°	266°	-28°	13.6dB	3148°K	405151	-122 Hz
2026-07-26 Sunday	16:00	213°	+8°	0 dB	0°	213°	+8°	273°	-28°	13.5dB	3103°K	405132	-149 Hz
2026-07-26 Sunday	16:30	218°	+5°	0 dB	0°	218°	+5°	280°	-28°	13.5dB	3058°K	405114	-174 Hz
2026-07-26 Sunday	17:00	224°	+2°	0 dB	0°	224°	+2°	288°	-28°	13.4dB	3012°K	405095	-196 Hz
2026-07-27 Monday	10:30	133°	+1°	0 dB	0°	133°	+1°	181°	-27°	10.2dB	1431°K	404219	+236 Hz
2026-07-27 Monday	11:00	139°	+4°	0 dB	0°	139°	+4°	188°	-27°	10.1dB	1386°K	404188	+216 Hz
2026-07-27 Monday	11:30	144°	+7°	0 dB	0°	144°	+7°	196°	-27°	10.0dB	1341°K	404157	+192 Hz
2026-07-27 Monday	12:00	150°	+10°	0 dB	0°	150°	+10°	203°	-27°	9.8dB	1296°K	404126	+166 Hz
2026-07-27 Monday	12:30	156°	+12°	0 dB	0°	156°	+12°	210°	-27°	9.7dB	1251°K	404094	+137 Hz
2026-07-27 Monday	13:00	163°	+14°	0 dB	0°	163°	+14°	217°	-27°	9.5dB	1206°K	404062	+106 Hz
2026-07-27 Monday	13:30	169°	+15°	0 dB	0°	169°	+15°	225°	-27°	9.4dB	1162°K	404029	+73 Hz
2026-07-27 Monday	14:00	176°	+16°	0 dB	0°	176°	+16°	232°	-27°	9.2dB	1117°K	403997	+40 Hz
2026-07-27 Monday	14:30	183°	+16°	0 dB	0°	183°	+16°	239°	-27°	9.0dB	1072°K	403964	+6 Hz
2026-07-27 Monday	15:00	190°	+16°	0 dB	0°	190°	+16°	246°	-27°	8.8dB	1027°K	403930	-28 Hz
2026-07-27 Monday	15:30	196°	+15°	0 dB	0°	196°	+15°	254°	-27°	8.7dB	983°K	403897	-61 Hz
2026-07-27 Monday	16:00	203°	+13°	0 dB	0°	203°	+13°	261°	-27°	8.5dB	938°K	403863	-92 Hz
2026-07-27 Monday	16:30	209°	+11°	0 dB	0°	209°	+11°	268°	-27°	8.3dB	893°K	403829	-122 Hz
2026-07-27 Monday	17:00	215°	+8°	0 dB	0°	215°	+8°	275°	-27°	8.1dB	864°K	403794	-149 Hz
2026-07-27 Monday	17:30	221°	+5°	0 dB	0°	221°	+5°	283°	-26°	8.1dB	851°K	403760	-174 Hz
2026-07-27 Monday	18:00	226°	+2°	0 dB	0°	226°	+2°	290°	-26°	8.0dB	838°K	403725	-195 Hz
2026-07-28 Tuesday	11:00	128°	-0°	0 dB	0°	128°	-0°	176°	-25°	5.7dB	472°K	402374	+261 Hz
2026-07-28 Tuesday	11:30	134°	+4°	0 dB	0°	134°	+4°	183°	-25°	5.6dB	467°K	402330	+243 Hz
2026-07-28 Tuesday	12:00	139°	+7°	0 dB	0°	139°	+7°	191°	-25°	5.6dB	462°K	402286	+221 Hz
2026-07-28 Tuesday	12:30	145°	+10°	0 dB	0°	145°	+10°	198°	-25°	5.5dB	456°K	402241	+196 Hz
2026-07-28 Tuesday	13:00	151°	+13°	0 dB	0°	151°	+13°	205°	-24°	5.5dB	451°K	402196	+168 Hz
2026-07-28 Tuesday	13:30	158°	+15°	0 dB	0°	158°	+15°	212°	-24°	5.4dB	445°K	402151	+138 Hz
2026-07-28 Tuesday	14:00	164°	+17°	0 dB	0°	164°	+17°	220°	-24°	5.4dB	440°K	402106	+105 Hz
2026-07-28 Tuesday	14:30	171°	+18°	0 dB	0°	171°	+18°	227°	-24°	5.3dB	434°K	402060	+71 Hz
2026-07-28 Tuesday	15:00	178°	+19°	0 dB	0°	178°	+19°	234°	-24°	5.3dB	429°K	402014	+37 Hz
2026-07-28 Tuesday	15:30	185°	+19°	0 dB	0°	185°	+19°	241°	-24°	5.2dB	423°K	401968	+2 Hz
2026-07-28 Tuesday	16:00	192°	+18°	0 dB	0°	192°	+18°	249°	-24°	5.2dB	418°K	401922	-32 Hz
2026-07-28 Tuesday	16:30	199°	+17°	0 dB	0°	199°	+17°	256°	-24°	5.1dB	413°K	401876	-66 Hz
2026-07-28 Tuesday	17:00	206°	+15°	0 dB	0°	206°	+15°	263°	-24°	5.1dB	407°K	401829	-98 Hz
2026-07-28 Tuesday	17:30	212°	+12°	0 dB	0°	212°	+12°	271°	-24°	5.0dB	402°K	401782	-127 Hz
2026-07-28 Tuesday	18:00	218°	+10°	0 dB	0°	218°	+10°	278°	-24°	5.0dB	396°K	401735	-155 Hz
2026-07-28 Tuesday	18:30	224°	+6°	0 dB	0°	224°	+6°	285°	-24°	4.9dB	391°K	401688	-179 Hz
2026-07-28 Tuesday	19:00	230°	+3°	0 dB	0°	230°	+3°	292°	-24°	4.9dB	386°K	401640	-199 Hz
2026-07-29 Wednesday	11:30	123°	+0°	0 dB	0°	123°	+0°	172°	-21°	4.2dB	326°K	399956	+284 Hz
2026-07-29 Wednesday	12:00	128°	+4°	0 dB	0°	128°	+4°	179°	-21°	4.2dB	326°K	399902	+268 Hz
2026-07-29 Wednesday	12:30	134°	+8°	0 dB	0°	134°	+8°	186°	-21°	4.2dB	326°K	399847	+248 Hz
2026-07-29 Wednesday	13:00	140°	+12°	0 dB	0°	140°	+12°	194°	-21°	4.2dB	326°K	399793	+224 Hz
2026-07-29 Wednesday	13:30	146°	+15°	0 dB	0°	146°	+15°	201°	-21°	4.2dB	326°K	399738	+197 Hz
2026-07-29 Wednesday	14:00	153°	+18°	0 dB	0°	153°	+18°	208°	-21°	4.2dB	326°K	399683	+167 Hz
2026-07-29 Wednesday	14:30	159°	+20°	0 dB	0°	159°	+20°	215°	-21°	4.2dB	326°K	399628	+134 Hz
2026-07-29 Wednesday	15:00	166°	+21°	0 dB	0°	166°	+21°	223°	-21°	4.2dB	326°K	399573	+100 Hz
2026-07-29 Wednesday	15:30	174°	+22°	0 dB	0°	174°	+22°	230°	-21°	4.2dB	326°K	399517	+65 Hz
2026-07-29 Wednesday	16:00	181°	+23°	0 dB	0°	181°	+23°	237°	-20°	4.2dB	326°K	399461	+29 Hz
2026-07-29 Wednesday	16:30	189°	+22°	0 dB	0°	189°	+22°	244°	-20°	4.2dB	326°K	399406	-7 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-07-29 Wednesday	17:00	196°	+21°	0 dB	0°	196°	+21°	252°	-20°	4.1dB	326°K	399350	-42 Hz
2026-07-29 Wednesday	17:30	203°	+20°	0 dB	0°	203°	+20°	259°	-20°	4.1dB	326°K	399293	-76 Hz
2026-07-29 Wednesday	18:00	210°	+17°	0 dB	0°	210°	+17°	266°	-20°	4.1dB	326°K	399237	-108 Hz
2026-07-29 Wednesday	18:30	216°	+15°	0 dB	0°	216°	+15°	273°	-20°	4.1dB	326°K	399181	-138 Hz
2026-07-29 Wednesday	19:00	223°	+12°	0 dB	0°	223°	+12°	281°	-20°	4.1dB	326°K	399124	-165 Hz
2026-07-29 Wednesday	19:30	229°	+8°	0 dB	0°	229°	+8°	288°	-20°	4.1dB	326°K	399067	-188 Hz
2026-07-29 Wednesday	20:00	234°	+4°	0 dB	0°	234°	+4°	295°	-20°	4.1dB	326°K	399010	-208 Hz
2026-07-29 Wednesday	20:30	240°	+0°	0 dB	0°	240°	+0°	303°	-20°	4.1dB	326°K	398953	-224 Hz
2026-07-30 Thursday	12:00	117°	+1°	0 dB	0°	117°	+1°	168°	-17°	4.1dB	326°K	397106	+304 Hz
2026-07-30 Thursday	12:30	123°	+6°	0 dB	0°	123°	+6°	175°	-17°	4.0dB	326°K	397044	+290 Hz
2026-07-30 Thursday	13:00	128°	+10°	0 dB	0°	128°	+10°	182°	-16°	4.0dB	326°K	396982	+271 Hz
2026-07-30 Thursday	13:30	134°	+14°	0 dB	0°	134°	+14°	190°	-16°	4.0dB	326°K	396920	+248 Hz
2026-07-30 Thursday	14:00	140°	+17°	0 dB	0°	140°	+17°	197°	-16°	4.0dB	326°K	396858	+222 Hz
2026-07-30 Thursday	14:30	147°	+20°	0 dB	0°	147°	+20°	204°	-16°	4.0dB	326°K	396795	+193 Hz
2026-07-30 Thursday	15:00	154°	+23°	0 dB	0°	154°	+23°	212°	-16°	4.0dB	326°K	396733	+160 Hz
2026-07-30 Thursday	15:30	162°	+25°	0 dB	0°	162°	+25°	219°	-16°	4.0dB	326°K	396670	+126 Hz
2026-07-30 Thursday	16:00	169°	+26°	0 dB	0°	169°	+26°	226°	-16°	4.0dB	326°K	396607	+90 Hz
2026-07-30 Thursday	16:30	177°	+27°	0 dB	0°	177°	+27°	233°	-16°	4.0dB	326°K	396545	+53 Hz
2026-07-30 Thursday	17:00	185°	+27°	0 dB	0°	185°	+27°	241°	-16°	4.0dB	325°K	396482	+16 Hz
2026-07-30 Thursday	17:30	193°	+27°	0 dB	0°	193°	+27°	248°	-16°	4.0dB	324°K	396418	-21 Hz
2026-07-30 Thursday	18:00	201°	+25°	0 dB	0°	201°	+25°	255°	-15°	4.0dB	323°K	396355	-57 Hz
2026-07-30 Thursday	18:30	208°	+23°	0 dB	0°	208°	+23°	262°	-15°	4.0dB	322°K	396292	-92 Hz
2026-07-30 Thursday	19:00	215°	+21°	0 dB	0°	215°	+21°	270°	-15°	4.0dB	321°K	396228	-124 Hz
2026-07-30 Thursday	19:30	222°	+18°	0 dB	0°	222°	+18°	277°	-15°	3.9dB	320°K	396164	-153 Hz
2026-07-30 Thursday	20:00	228°	+14°	0 dB	0°	228°	+14°	284°	-15°	3.9dB	319°K	396101	-179 Hz
2026-07-30 Thursday	20:30	234°	+10°	0 dB	0°	234°	+10°	292°	-15°	3.9dB	318°K	396037	-201 Hz
2026-07-30 Thursday	21:00	240°	+6°	0 dB	0°	240°	+6°	299°	-15°	3.9dB	317°K	395973	-220 Hz
2026-07-30 Thursday	21:30	246°	+2°	0 dB	0°	246°	+2°	306°	-15°	3.9dB	316°K	395909	-234 Hz
2026-07-31 Friday	12:30	111°	+3°	0 dB	0°	111°	+3°	164°	-11°	3.4dB	280°K	393930	+321 Hz
2026-07-31 Friday	13:00	117°	+8°	0 dB	0°	117°	+8°	172°	-11°	3.3dB	278°K	393862	+308 Hz
2026-07-31 Friday	13:30	122°	+12°	0 dB	0°	122°	+12°	179°	-11°	3.3dB	277°K	393794	+291 Hz
2026-07-31 Friday	14:00	128°	+17°	0 dB	0°	128°	+17°	186°	-11°	3.3dB	275°K	393726	+269 Hz
2026-07-31 Friday	14:30	135°	+21°	0 dB	0°	135°	+21°	194°	-11°	3.3dB	273°K	393658	+244 Hz
2026-07-31 Friday	15:00	141°	+24°	0 dB	0°	141°	+24°	201°	-11°	3.2dB	272°K	393590	+215 Hz
2026-07-31 Friday	15:30	149°	+27°	0 dB	0°	149°	+27°	208°	-11°	3.2dB	270°K	393522	+183 Hz
2026-07-31 Friday	16:00	156°	+29°	0 dB	0°	156°	+29°	215°	-11°	3.2dB	268°K	393454	+149 Hz
2026-07-31 Friday	16:30	164°	+31°	0 dB	0°	164°	+31°	223°	-10°	3.2dB	267°K	393385	+112 Hz
2026-07-31 Friday	17:00	173°	+32°	0 dB	0°	173°	+32°	230°	-10°	3.1dB	265°K	393317	+74 Hz
2026-07-31 Friday	17:30	181°	+33°	0 dB	0°	181°	+33°	237°	-10°	3.1dB	263°K	393248	+36 Hz
2026-07-31 Friday	18:00	190°	+32°	0 dB	0°	190°	+32°	245°	-10°	3.1dB	262°K	393179	-2 Hz
2026-07-31 Friday	18:30	198°	+31°	0 dB	0°	198°	+31°	252°	-10°	3.1dB	260°K	393111	-40 Hz
2026-07-31 Friday	19:00	207°	+29°	0 dB	0°	207°	+29°	259°	-10°	3.0dB	258°K	393042	-76 Hz
2026-07-31 Friday	19:30	214°	+27°	0 dB	0°	214°	+27°	266°	-10°	3.0dB	257°K	392973	-110 Hz
2026-07-31 Friday	20:00	222°	+24°	0 dB	0°	222°	+24°	274°	-10°	3.0dB	255°K	392903	-141 Hz
2026-07-31 Friday	20:30	228°	+20°	0 dB	0°	228°	+20°	281°	-10°	3.0dB	253°K	392834	-170 Hz
2026-07-31 Friday	21:00	235°	+17°	0 dB	0°	235°	+17°	288°	-9°	2.9dB	252°K	392765	-194 Hz
2026-07-31 Friday	21:30	241°	+12°	0 dB	0°	241°	+12°	296°	-9°	2.9dB	250°K	392696	-215 Hz
2026-07-31 Friday	22:00	247°	+8°	0 dB	0°	247°	+8°	303°	-9°	2.9dB	248°K	392626	-231 Hz
2026-07-31 Friday	22:30	252°	+3°	0 dB	0°	252°	+3°	310°	-9°	2.9dB	247°K	392556	-243 Hz
2026-08-01 Saturday	12:30	100°	+0°	0 dB	0°	100°	+0°	154°	-6°	2.7dB	243°K	390569	+339 Hz
2026-08-01 Saturday	13:00	105°	+5°	0 dB	0°	105°	+5°	161°	-6°	2.7dB	243°K	390496	+333 Hz
2026-08-01 Saturday	13:30	110°	+10°	0 dB	0°	110°	+10°	169°	-5°	2.7dB	243°K	390424	+322 Hz
2026-08-01 Saturday	14:00	116°	+15°	0 dB	0°	116°	+15°	176°	-5°	2.7dB	243°K	390352	+307 Hz
2026-08-01 Saturday	14:30	122°	+20°	0 dB	0°	122°	+20°	183°	-5°	2.7dB	243°K	390279	+286 Hz
2026-08-01 Saturday	15:00	128°	+24°	0 dB	0°	128°	+24°	190°	-5°	2.7dB	243°K	390206	+262 Hz
2026-08-01 Saturday	15:30	135°	+28°	0 dB	0°	135°	+28°	198°	-5°	2.7dB	243°K	390134	+234 Hz
2026-08-01 Saturday	16:00	143°	+31°	0 dB	0°	143°	+31°	205°	-5°	2.7dB	243°K	390061	+203 Hz
2026-08-01 Saturday	16:30	151°	+34°	0 dB	0°	151°	+34°	212°	-5°	2.7dB	243°K	389988	+169 Hz
2026-08-01 Saturday	17:00	159°	+36°	0 dB	0°	159°	+36°	220°	-5°	2.7dB	243°K	389915	+132 Hz
2026-08-01 Saturday	17:30	168°	+38°	0 dB	0°	168°	+38°	227°	-4°	2.7dB	243°K	389842	+94 Hz
2026-08-01 Saturday	18:00	177°	+39°	0 dB	0°	177°	+39°	234°	-4°	2.7dB	242°K	389769	+55 Hz
2026-08-01 Saturday	18:30	187°	+39°	0 dB	0°	187°	+39°	241°	-4°	2.7dB	242°K	389695	+16 Hz
2026-08-01 Saturday	19:00	196°	+38°	0 dB	0°	196°	+38°	249°	-4°	2.7dB	242°K	389622	-22 Hz
2026-08-01 Saturday	19:30	205°	+36°	0 dB	0°	205°	+36°	256°	-4°	2.7dB	242°K	389548	-60 Hz
2026-08-01 Saturday	20:00	214°	+34°	0 dB	0°	214°	+34°	263°	-4°	2.6dB	242°K	389475	-95 Hz
2026-08-01 Saturday	20:30	222°	+31°	0 dB	0°	222°	+31°	271°	-4°	2.6dB	242°K	389401	-129 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-01 Saturday	21:00	229°	+27°	0 dB	0°	229°	+27°	278°	-4°	2.6dB	242°K	389328	-159 Hz
2026-08-01 Saturday	21:30	236°	+23°	0 dB	0°	236°	+23°	285°	-3°	2.6dB	241°K	389254	-185 Hz
2026-08-01 Saturday	22:00	242°	+19°	0 dB	0°	242°	+19°	292°	-3°	2.6dB	241°K	389180	-208 Hz
2026-08-01 Saturday	22:30	248°	+15°	0 dB	0°	248°	+15°	300°	-3°	2.6dB	241°K	389106	-226 Hz
2026-08-01 Saturday	23:00	254°	+10°	0 dB	0°	254°	+10°	307°	-3°	2.6dB	241°K	389032	-240 Hz
2026-08-01 Saturday	23:30	259°	+5°	0 dB	0°	259°	+5°	314°	-3°	2.6dB	241°K	388958	-249 Hz
2026-08-02 Sunday	00:00	265°	+0°	0 dB	0°	265°	+0°	322°	-3°	2.6dB	241°K	388884	-253 Hz
2026-08-02 Sunday	13:00	093°	+3°	0 dB	0°	093°	+3°	151°	+0°	2.5dB	239°K	386927	+345 Hz
2026-08-02 Sunday	13:30	098°	+8°	0 dB	0°	098°	+8°	158°	+1°	2.5dB	239°K	386851	+341 Hz
2026-08-02 Sunday	14:00	104°	+13°	0 dB	0°	104°	+13°	165°	+1°	2.5dB	239°K	386775	+332 Hz
2026-08-02 Sunday	14:30	109°	+18°	0 dB	0°	109°	+18°	173°	+1°	2.5dB	239°K	386698	+318 Hz
2026-08-02 Sunday	15:00	115°	+23°	0 dB	0°	115°	+23°	180°	+1°	2.5dB	239°K	386622	+300 Hz
2026-08-02 Sunday	15:30	122°	+27°	0 dB	0°	122°	+27°	187°	+1°	2.5dB	239°K	386545	+277 Hz
2026-08-02 Sunday	16:00	128°	+31°	0 dB	0°	128°	+31°	195°	+1°	2.5dB	239°K	386468	+250 Hz
2026-08-02 Sunday	16:30	136°	+35°	0 dB	0°	136°	+35°	202°	+1°	2.5dB	239°K	386392	+220 Hz
2026-08-02 Sunday	17:00	144°	+39°	0 dB	0°	144°	+39°	209°	+1°	2.5dB	239°K	386315	+186 Hz
2026-08-02 Sunday	17:30	153°	+42°	0 dB	0°	153°	+42°	216°	+2°	2.5dB	239°K	386238	+151 Hz
2026-08-02 Sunday	18:00	163°	+44°	0 dB	0°	163°	+44°	224°	+2°	2.5dB	239°K	386161	+113 Hz
2026-08-02 Sunday	18:30	173°	+45°	0 dB	0°	173°	+45°	231°	+2°	2.5dB	239°K	386084	+74 Hz
2026-08-02 Sunday	19:00	183°	+45°	0 dB	0°	183°	+45°	238°	+2°	2.5dB	239°K	386007	+35 Hz
2026-08-02 Sunday	19:30	193°	+45°	0 dB	0°	193°	+45°	246°	+2°	2.4dB	239°K	385930	-4 Hz
2026-08-02 Sunday	20:00	203°	+43°	0 dB	0°	203°	+43°	253°	+2°	2.4dB	239°K	385853	-43 Hz
2026-08-02 Sunday	20:30	213°	+41°	0 dB	0°	213°	+41°	260°	+2°	2.4dB	239°K	385775	-79 Hz
2026-08-02 Sunday	21:00	222°	+38°	0 dB	0°	222°	+38°	267°	+3°	2.4dB	239°K	385698	-114 Hz
2026-08-02 Sunday	21:30	230°	+34°	0 dB	0°	230°	+34°	275°	+3°	2.4dB	239°K	385621	-145 Hz
2026-08-02 Sunday	22:00	237°	+30°	0 dB	0°	237°	+30°	282°	+3°	2.4dB	239°K	385543	-173 Hz
2026-08-02 Sunday	22:30	244°	+26°	0 dB	0°	244°	+26°	289°	+3°	2.4dB	239°K	385466	-198 Hz
2026-08-02 Sunday	23:00	250°	+21°	0 dB	0°	250°	+21°	296°	+3°	2.5dB	243°K	385388	-218 Hz
2026-08-02 Sunday	23:30	256°	+17°	0 dB	0°	256°	+17°	304°	+3°	2.5dB	244°K	385310	-234 Hz
2026-08-03 Monday	00:00	261°	+12°	0 dB	0°	261°	+12°	311°	+3°	2.5dB	244°K	385233	-245 Hz
2026-08-03 Monday	00:30	267°	+7°	0 dB	0°	267°	+7°	318°	+3°	2.5dB	245°K	385155	-251 Hz
2026-08-03 Monday	01:00	272°	+2°	0 dB	0°	272°	+2°	326°	+4°	2.5dB	246°K	385077	-252 Hz
2026-08-03 Monday	13:00	081°	-0°	0 dB	0°	081°	-0°	140°	+7°	2.6dB	259°K	383190	+344 Hz
2026-08-03 Monday	13:30	086°	+5°	0 dB	0°	086°	+5°	147°	+7°	2.6dB	260°K	383111	+346 Hz
2026-08-03 Monday	14:00	092°	+10°	0 dB	0°	092°	+10°	155°	+7°	2.6dB	260°K	383031	+344 Hz
2026-08-03 Monday	14:30	097°	+15°	0 dB	0°	097°	+15°	162°	+7°	2.6dB	261°K	382952	+337 Hz
2026-08-03 Monday	15:00	102°	+20°	0 dB	0°	102°	+20°	169°	+7°	2.6dB	261°K	382872	+325 Hz
2026-08-03 Monday	15:30	108°	+25°	0 dB	0°	108°	+25°	177°	+7°	2.6dB	262°K	382793	+309 Hz
2026-08-03 Monday	16:00	114°	+30°	0 dB	0°	114°	+30°	184°	+7°	2.6dB	263°K	382713	+288 Hz
2026-08-03 Monday	16:30	121°	+35°	0 dB	0°	121°	+35°	191°	+7°	2.6dB	263°K	382634	+263 Hz
2026-08-03 Monday	17:00	128°	+39°	0 dB	0°	128°	+39°	198°	+8°	2.6dB	264°K	382554	+234 Hz
2026-08-03 Monday	17:30	136°	+43°	0 dB	0°	136°	+43°	206°	+8°	2.6dB	264°K	382474	+203 Hz
2026-08-03 Monday	18:00	145°	+46°	0 dB	0°	145°	+46°	213°	+8°	2.6dB	265°K	382395	+168 Hz
2026-08-03 Monday	18:30	155°	+49°	0 dB	0°	155°	+49°	220°	+8°	2.6dB	265°K	382315	+131 Hz
2026-08-03 Monday	19:00	166°	+51°	0 dB	0°	166°	+51°	227°	+8°	2.7dB	266°K	382235	+93 Hz
2026-08-03 Monday	19:30	178°	+51°	0 dB	0°	178°	+51°	235°	+8°	2.7dB	267°K	382155	+54 Hz
2026-08-03 Monday	20:00	190°	+51°	0 dB	0°	190°	+51°	242°	+8°	2.7dB	267°K	382075	+15 Hz
2026-08-03 Monday	20:30	201°	+50°	0 dB	0°	201°	+50°	249°	+8°	2.7dB	268°K	381995	-23 Hz
2026-08-03 Monday	21:00	212°	+48°	0 dB	0°	212°	+48°	257°	+9°	2.7dB	268°K	381915	-60 Hz
2026-08-03 Monday	21:30	221°	+45°	0 dB	0°	221°	+45°	264°	+9°	2.7dB	269°K	381835	-95 Hz
2026-08-03 Monday	22:00	230°	+41°	0 dB	0°	230°	+41°	271°	+9°	2.7dB	269°K	381755	-128 Hz
2026-08-03 Monday	22:30	238°	+37°	0 dB	0°	238°	+37°	278°	+9°	2.7dB	270°K	381675	-158 Hz
2026-08-03 Monday	23:00	245°	+33°	0 dB	0°	245°	+33°	286°	+9°	2.7dB	271°K	381595	-184 Hz
2026-08-03 Monday	23:30	251°	+28°	0 dB	0°	251°	+28°	293°	+9°	2.7dB	271°K	381515	-206 Hz
2026-08-04 Tuesday	00:00	257°	+24°	0 dB	0°	257°	+24°	300°	+9°	2.7dB	272°K	381434	-223 Hz
2026-08-04 Tuesday	00:30	263°	+19°	0 dB	0°	263°	+19°	307°	+9°	2.7dB	272°K	381354	-236 Hz
2026-08-04 Tuesday	01:00	269°	+14°	0 dB	0°	269°	+14°	315°	+10°	2.7dB	273°K	381274	-245 Hz
2026-08-04 Tuesday	01:30	274°	+9°	0 dB	0°	274°	+9°	322°	+10°	2.7dB	274°K	381194	-248 Hz
2026-08-04 Tuesday	02:00	279°	+4°	0 dB	0°	279°	+4°	329°	+10°	2.7dB	274°K	381113	-247 Hz
2026-08-04 Tuesday	13:30	074°	+2°	0 dB	0°	074°	+2°	136°	+13°	2.8dB	288°K	379258	+336 Hz
2026-08-04 Tuesday	14:00	079°	+7°	0 dB	0°	079°	+7°	144°	+13°	2.8dB	288°K	379177	+341 Hz
2026-08-04 Tuesday	14:30	084°	+12°	0 dB	0°	084°	+12°	151°	+13°	2.8dB	289°K	379096	+341 Hz
2026-08-04 Tuesday	15:00	089°	+17°	0 dB	0°	089°	+17°	158°	+13°	2.8dB	290°K	379015	+337 Hz
2026-08-04 Tuesday	15:30	095°	+22°	0 dB	0°	095°	+22°	165°	+13°	2.8dB	290°K	378934	+328 Hz
2026-08-04 Tuesday	16:00	100°	+27°	0 dB	0°	100°	+27°	173°	+13°	2.8dB	291°K	378853	+314 Hz
2026-08-04 Tuesday	16:30	106°	+32°	0 dB	0°	106°	+32°	180°	+13°	2.8dB	291°K	378773	+295 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-04 Tuesday	17:00	112°	+37°	0 dB	0°	112°	+37°	187°	+14°	2.8dB	292°K	378692	+273 Hz
2026-08-04 Tuesday	17:30	119°	+42°	0 dB	0°	119°	+42°	194°	+14°	2.8dB	293°K	378611	+247 Hz
2026-08-04 Tuesday	18:00	127°	+46°	0 dB	0°	127°	+46°	202°	+14°	2.8dB	293°K	378530	+217 Hz
2026-08-04 Tuesday	18:30	136°	+50°	0 dB	0°	136°	+50°	209°	+14°	2.8dB	294°K	378449	+185 Hz
2026-08-04 Tuesday	19:00	146°	+53°	0 dB	0°	146°	+53°	216°	+14°	2.8dB	295°K	378368	+150 Hz
2026-08-04 Tuesday	19:30	158°	+56°	0 dB	0°	158°	+56°	223°	+14°	2.8dB	295°K	378287	+113 Hz
2026-08-04 Tuesday	20:00	170°	+57°	0 dB	0°	170°	+57°	231°	+14°	2.9dB	296°K	378206	+75 Hz
2026-08-04 Tuesday	20:30	184°	+58°	0 dB	0°	184°	+58°	238°	+14°	2.8dB	296°K	378125	+37 Hz
2026-08-04 Tuesday	21:00	197°	+57°	0 dB	0°	197°	+57°	245°	+14°	2.8dB	296°K	378045	-1 Hz
2026-08-04 Tuesday	21:30	209°	+55°	0 dB	0°	209°	+55°	252°	+15°	2.8dB	296°K	377964	-38 Hz
2026-08-04 Tuesday	22:00	220°	+52°	0 dB	0°	220°	+52°	260°	+15°	2.9dB	297°K	377883	-74 Hz
2026-08-04 Tuesday	22:30	230°	+49°	0 dB	0°	230°	+49°	267°	+15°	2.8dB	297°K	377802	-107 Hz
2026-08-04 Tuesday	23:00	238°	+45°	0 dB	0°	238°	+45°	274°	+15°	2.8dB	297°K	377721	-138 Hz
2026-08-04 Tuesday	23:30	246°	+40°	0 dB	0°	246°	+40°	281°	+15°	2.9dB	298°K	377640	-165 Hz
2026-08-05 Wednesday	00:00	253°	+36°	0 dB	0°	253°	+36°	289°	+15°	2.8dB	298°K	377560	-189 Hz
2026-08-05 Wednesday	00:30	259°	+31°	0 dB	0°	259°	+31°	296°	+15°	2.8dB	298°K	377479	-208 Hz
2026-08-05 Wednesday	01:00	264°	+26°	0 dB	0°	264°	+26°	303°	+15°	2.9dB	299°K	377398	-224 Hz
2026-08-05 Wednesday	01:30	270°	+21°	0 dB	0°	270°	+21°	310°	+15°	2.8dB	299°K	377317	-235 Hz
2026-08-05 Wednesday	02:00	275°	+16°	0 dB	0°	275°	+16°	318°	+16°	2.8dB	299°K	377237	-241 Hz
2026-08-05 Wednesday	02:30	280°	+11°	0 dB	0°	280°	+11°	325°	+16°	2.9dB	300°K	377156	-242 Hz
2026-08-05 Wednesday	03:00	285°	+6°	0 dB	0°	285°	+6°	332°	+16°	2.8dB	300°K	377075	-239 Hz
2026-08-05 Wednesday	03:30	291°	+2°	0 dB	0°	291°	+2°	339°	+16°	2.8dB	300°K	376995	-231 Hz
2026-08-05 Wednesday	14:00	067°	+3°	0 dB	0°	067°	+3°	132°	+18°	3.0dB	319°K	375310	+322 Hz
2026-08-05 Wednesday	14:30	072°	+7°	0 dB	0°	072°	+7°	139°	+18°	3.0dB	320°K	375230	+329 Hz
2026-08-05 Wednesday	15:00	077°	+12°	0 dB	0°	077°	+12°	146°	+18°	3.0dB	322°K	375151	+332 Hz
2026-08-05 Wednesday	15:30	082°	+17°	0 dB	0°	082°	+17°	153°	+19°	3.0dB	323°K	375071	+331 Hz
2026-08-05 Wednesday	16:00	087°	+22°	0 dB	0°	087°	+22°	161°	+19°	3.0dB	325°K	374991	+325 Hz
2026-08-05 Wednesday	16:30	092°	+28°	0 dB	0°	092°	+28°	168°	+19°	3.1dB	327°K	374912	+314 Hz
2026-08-05 Wednesday	17:00	097°	+33°	0 dB	0°	097°	+33°	175°	+19°	3.1dB	328°K	374833	+299 Hz
2026-08-05 Wednesday	17:30	103°	+38°	0 dB	0°	103°	+38°	182°	+19°	3.1dB	330°K	374753	+280 Hz
2026-08-05 Wednesday	18:00	110°	+43°	0 dB	0°	110°	+43°	190°	+19°	3.1dB	332°K	374674	+257 Hz
2026-08-05 Wednesday	18:30	117°	+47°	0 dB	0°	117°	+47°	197°	+19°	3.1dB	333°K	374595	+230 Hz
2026-08-05 Wednesday	19:00	125°	+52°	0 dB	0°	125°	+52°	204°	+19°	3.1dB	335°K	374516	+200 Hz
2026-08-05 Wednesday	19:30	134°	+56°	0 dB	0°	134°	+56°	211°	+19°	3.2dB	337°K	374437	+168 Hz
2026-08-05 Wednesday	20:00	146°	+59°	0 dB	0°	146°	+59°	218°	+19°	3.2dB	338°K	374358	+133 Hz
2026-08-05 Wednesday	20:30	159°	+62°	0 dB	0°	159°	+62°	226°	+20°	3.2dB	340°K	374279	+97 Hz
2026-08-05 Wednesday	21:00	173°	+63°	0 dB	0°	173°	+63°	233°	+20°	3.2dB	342°K	374201	+61 Hz
2026-08-05 Wednesday	21:30	189°	+63°	0 dB	0°	189°	+63°	240°	+20°	3.2dB	343°K	374122	+24 Hz
2026-08-05 Wednesday	22:00	203°	+62°	0 dB	0°	203°	+62°	247°	+20°	3.2dB	345°K	374044	-13 Hz
2026-08-05 Wednesday	22:30	216°	+59°	0 dB	0°	216°	+59°	255°	+20°	3.2dB	347°K	373965	-49 Hz
2026-08-05 Wednesday	23:00	228°	+56°	0 dB	0°	228°	+56°	262°	+20°	3.2dB	348°K	373887	-82 Hz
2026-08-05 Wednesday	23:30	237°	+52°	0 dB	0°	237°	+52°	269°	+20°	3.3dB	349°K	373808	-114 Hz
2026-08-06 Thursday	00:00	246°	+48°	0 dB	0°	246°	+48°	276°	+20°	3.3dB	350°K	373730	-143 Hz
2026-08-06 Thursday	00:30	253°	+43°	0 dB	0°	253°	+43°	284°	+20°	3.3dB	350°K	373652	-168 Hz
2026-08-06 Thursday	01:00	259°	+38°	0 dB	0°	259°	+38°	291°	+20°	3.3dB	351°K	373574	-190 Hz
2026-08-06 Thursday	01:30	265°	+33°	0 dB	0°	265°	+33°	298°	+21°	3.3dB	352°K	373496	-208 Hz
2026-08-06 Thursday	02:00	270°	+28°	0 dB	0°	270°	+28°	305°	+21°	3.3dB	353°K	373419	-222 Hz
2026-08-06 Thursday	02:30	276°	+23°	0 dB	0°	276°	+23°	312°	+21°	3.3dB	354°K	373341	-231 Hz
2026-08-06 Thursday	03:00	281°	+18°	0 dB	0°	281°	+18°	320°	+21°	3.3dB	355°K	373263	-236 Hz
2026-08-06 Thursday	03:30	285°	+13°	0 dB	0°	285°	+13°	327°	+21°	3.3dB	355°K	373186	-236 Hz
2026-08-06 Thursday	04:00	290°	+9°	0 dB	0°	290°	+9°	334°	+21°	3.3dB	356°K	373109	-232 Hz
2026-08-06 Thursday	04:30	295°	+4°	0 dB	0°	295°	+4°	341°	+21°	3.3dB	357°K	373031	-223 Hz
2026-08-06 Thursday	05:00	301°	-0°	0 dB	0°	301°	-0°	349°	+21°	3.3dB	358°K	372954	-210 Hz
2026-08-06 Thursday	14:30	060°	+3°	0 dB	0°	060°	+3°	126°	+23°	3.3dB	364°K	371515	+301 Hz
2026-08-06 Thursday	15:00	065°	+7°	0 dB	0°	065°	+7°	133°	+23°	3.3dB	363°K	371441	+311 Hz
2026-08-06 Thursday	15:30	070°	+12°	0 dB	0°	070°	+12°	140°	+23°	3.3dB	362°K	371367	+318 Hz
2026-08-06 Thursday	16:00	074°	+17°	0 dB	0°	074°	+17°	147°	+23°	3.3dB	361°K	371293	+320 Hz
2026-08-06 Thursday	16:30	079°	+21°	0 dB	0°	079°	+21°	155°	+23°	3.2dB	360°K	371219	+317 Hz
2026-08-06 Thursday	17:00	084°	+27°	0 dB	0°	084°	+27°	162°	+23°	3.2dB	360°K	371145	+310 Hz
2026-08-06 Thursday	17:30	089°	+32°	0 dB	0°	089°	+32°	169°	+23°	3.2dB	359°K	371072	+299 Hz
2026-08-06 Thursday	18:00	094°	+37°	0 dB	0°	094°	+37°	176°	+24°	3.2dB	358°K	370999	+284 Hz
2026-08-06 Thursday	18:30	100°	+42°	0 dB	0°	100°	+42°	184°	+24°	3.2dB	357°K	370926	+265 Hz
2026-08-06 Thursday	19:00	106°	+47°	0 dB	0°	106°	+47°	191°	+24°	3.2dB	356°K	370853	+242 Hz
2026-08-06 Thursday	19:30	113°	+52°	0 dB	0°	113°	+52°	198°	+24°	3.2dB	355°K	370780	+215 Hz
2026-08-06 Thursday	20:00	121°	+56°	0 dB	0°	121°	+56°	205°	+24°	3.2dB	354°K	370707	+186 Hz
2026-08-06 Thursday	20:30	131°	+60°	0 dB	0°	131°	+60°	212°	+24°	3.1dB	353°K	370635	+154 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-06 Thursday	21:00	144°	+64°	0 dB	0°	144°	+64°	220°	+24°	3.1dB	352°K	370563	+121 Hz
2026-08-06 Thursday	21:30	158°	+66°	0 dB	0°	158°	+66°	227°	+24°	3.1dB	351°K	370491	+86 Hz
2026-08-06 Thursday	22:00	175°	+68°	0 dB	0°	175°	+68°	234°	+24°	3.1dB	351°K	370419	+50 Hz
2026-08-06 Thursday	22:30	193°	+67°	0 dB	0°	193°	+67°	241°	+24°	3.1dB	350°K	370348	+14 Hz
2026-08-06 Thursday	23:00	209°	+66°	0 dB	0°	209°	+66°	248°	+24°	3.1dB	349°K	370276	-21 Hz
2026-08-06 Thursday	23:30	222°	+63°	0 dB	0°	222°	+63°	256°	+24°	3.1dB	348°K	370205	-55 Hz
2026-08-07 Friday	00:00	234°	+59°	0 dB	0°	234°	+59°	263°	+24°	3.1dB	348°K	370134	-88 Hz
2026-08-07 Friday	00:30	243°	+55°	0 dB	0°	243°	+55°	270°	+25°	3.1dB	349°K	370064	-118 Hz
2026-08-07 Friday	01:00	251°	+50°	0 dB	0°	251°	+50°	277°	+25°	3.1dB	350°K	369993	-145 Hz
2026-08-07 Friday	01:30	258°	+45°	0 dB	0°	258°	+45°	284°	+25°	3.1dB	351°K	369923	-170 Hz
2026-08-07 Friday	02:00	264°	+40°	0 dB	0°	264°	+40°	292°	+25°	3.1dB	352°K	369853	-190 Hz
2026-08-07 Friday	02:30	269°	+35°	0 dB	0°	269°	+35°	299°	+25°	3.1dB	353°K	369783	-207 Hz
2026-08-07 Friday	03:00	275°	+30°	0 dB	0°	275°	+30°	306°	+25°	3.1dB	354°K	369713	-220 Hz
2026-08-07 Friday	03:30	279°	+25°	0 dB	0°	279°	+25°	313°	+25°	3.1dB	354°K	369644	-229 Hz
2026-08-07 Friday	04:00	284°	+21°	0 dB	0°	284°	+21°	320°	+25°	3.1dB	355°K	369575	-233 Hz
2026-08-07 Friday	04:30	289°	+16°	0 dB	0°	289°	+16°	328°	+25°	3.1dB	356°K	369506	-233 Hz
2026-08-07 Friday	05:00	294°	+11°	0 dB	0°	294°	+11°	335°	+25°	3.1dB	357°K	369437	-228 Hz
2026-08-07 Friday	05:30	299°	+7°	0 dB	0°	299°	+7°	342°	+25°	3.1dB	358°K	369368	-220 Hz
2026-08-07 Friday	06:00	304°	+3°	0 dB	0°	304°	+3°	349°	+25°	3.1dB	359°K	369300	-207 Hz
2026-08-07 Friday	15:00	053°	+1°	0 dB	0°	053°	+1°	119°	+26°	3.3dB	379°K	368115	+273 Hz
2026-08-07 Friday	15:30	058°	+5°	0 dB	0°	058°	+5°	126°	+26°	3.3dB	380°K	368052	+286 Hz
2026-08-07 Friday	16:00	063°	+10°	0 dB	0°	063°	+10°	133°	+26°	3.3dB	381°K	367989	+296 Hz
2026-08-07 Friday	16:30	067°	+14°	0 dB	0°	067°	+14°	140°	+26°	3.3dB	383°K	367926	+302 Hz
2026-08-07 Friday	17:00	072°	+19°	0 dB	0°	072°	+19°	148°	+27°	3.3dB	384°K	367864	+304 Hz
2026-08-07 Friday	17:30	077°	+24°	0 dB	0°	077°	+24°	155°	+27°	3.3dB	385°K	367802	+302 Hz
2026-08-07 Friday	18:00	081°	+29°	0 dB	0°	081°	+29°	162°	+27°	3.4dB	387°K	367740	+295 Hz
2026-08-07 Friday	18:30	086°	+34°	0 dB	0°	086°	+34°	169°	+27°	3.4dB	388°K	367679	+284 Hz
2026-08-07 Friday	19:00	091°	+39°	0 dB	0°	091°	+39°	176°	+27°	3.4dB	389°K	367618	+270 Hz
2026-08-07 Friday	19:30	096°	+44°	0 dB	0°	096°	+44°	184°	+27°	3.4dB	391°K	367557	+251 Hz
2026-08-07 Friday	20:00	102°	+49°	0 dB	0°	102°	+49°	191°	+27°	3.4dB	392°K	367496	+228 Hz
2026-08-07 Friday	20:30	109°	+54°	0 dB	0°	109°	+54°	198°	+27°	3.4dB	393°K	367436	+203 Hz
2026-08-07 Friday	21:00	118°	+58°	0 dB	0°	118°	+58°	205°	+27°	3.4dB	395°K	367376	+175 Hz
2026-08-07 Friday	21:30	127°	+63°	0 dB	0°	127°	+63°	212°	+27°	3.4dB	396°K	367317	+144 Hz
2026-08-07 Friday	22:00	140°	+66°	0 dB	0°	140°	+66°	220°	+27°	3.4dB	397°K	367257	+111 Hz
2026-08-07 Friday	22:30	156°	+69°	0 dB	0°	156°	+69°	227°	+27°	3.4dB	399°K	367199	+77 Hz
2026-08-07 Friday	23:00	174°	+70°	0 dB	0°	174°	+70°	234°	+27°	3.5dB	400°K	367140	+42 Hz
2026-08-07 Friday	23:30	194°	+70°	0 dB	0°	194°	+70°	241°	+27°	3.5dB	402°K	367082	+8 Hz
2026-08-08 Saturday	00:00	211°	+68°	0 dB	0°	211°	+68°	248°	+27°	3.5dB	403°K	367024	-27 Hz
2026-08-08 Saturday	00:30	226°	+65°	0 dB	0°	226°	+65°	255°	+27°	3.5dB	405°K	366966	-60 Hz
2026-08-08 Saturday	01:00	237°	+61°	0 dB	0°	237°	+61°	263°	+27°	3.5dB	406°K	366909	-92 Hz
2026-08-08 Saturday	01:30	246°	+57°	0 dB	0°	246°	+57°	270°	+27°	3.5dB	408°K	366852	-121 Hz
2026-08-08 Saturday	02:00	254°	+52°	0 dB	0°	254°	+52°	277°	+27°	3.5dB	409°K	366796	-148 Hz
2026-08-08 Saturday	02:30	261°	+47°	0 dB	0°	261°	+47°	284°	+27°	3.5dB	411°K	366739	-172 Hz
2026-08-08 Saturday	03:00	266°	+42°	0 dB	0°	266°	+42°	291°	+27°	3.6dB	413°K	366684	-193 Hz
2026-08-08 Saturday	03:30	272°	+37°	0 dB	0°	272°	+37°	299°	+27°	3.6dB	414°K	366628	-210 Hz
2026-08-08 Saturday	04:00	277°	+32°	0 dB	0°	277°	+32°	306°	+27°	3.6dB	416°K	366573	-223 Hz
2026-08-08 Saturday	04:30	281°	+27°	0 dB	0°	281°	+27°	313°	+27°	3.6dB	417°K	366518	-231 Hz
2026-08-08 Saturday	05:00	286°	+22°	0 dB	0°	286°	+22°	320°	+28°	3.6dB	419°K	366464	-236 Hz
2026-08-08 Saturday	05:30	291°	+18°	0 dB	0°	291°	+18°	327°	+28°	3.6dB	420°K	366410	-236 Hz
2026-08-08 Saturday	06:00	295°	+13°	0 dB	0°	295°	+13°	334°	+28°	3.6dB	422°K	366356	-232 Hz
2026-08-08 Saturday	06:30	300°	+9°	0 dB	0°	300°	+9°	342°	+28°	3.6dB	424°K	366303	-225 Hz
2026-08-08 Saturday	07:00	305°	+5°	0 dB	0°	305°	+5°	349°	+28°	3.6dB	425°K	366250	-213 Hz
2026-08-08 Saturday	07:30	310°	+1°	0 dB	0°	310°	+1°	356°	+28°	3.7dB	427°K	366197	-198 Hz
2026-08-08 Saturday	16:00	051°	+2°	0 dB	0°	051°	+2°	118°	+28°	4.0dB	470°K	365364	+256 Hz
2026-08-08 Saturday	16:30	056°	+6°	0 dB	0°	056°	+6°	125°	+28°	4.0dB	473°K	365319	+270 Hz
2026-08-08 Saturday	17:00	061°	+10°	0 dB	0°	061°	+10°	132°	+28°	4.0dB	476°K	365274	+280 Hz
2026-08-08 Saturday	17:30	066°	+15°	0 dB	0°	066°	+15°	140°	+28°	4.0dB	479°K	365230	+287 Hz
2026-08-08 Saturday	18:00	070°	+19°	0 dB	0°	070°	+19°	147°	+28°	4.1dB	482°K	365186	+289 Hz
2026-08-08 Saturday	18:30	075°	+24°	0 dB	0°	075°	+24°	154°	+28°	4.1dB	485°K	365142	+287 Hz
2026-08-08 Saturday	19:00	079°	+29°	0 dB	0°	079°	+29°	161°	+28°	4.1dB	488°K	365099	+281 Hz
2026-08-08 Saturday	19:30	084°	+34°	0 dB	0°	084°	+34°	168°	+28°	4.1dB	491°K	365056	+271 Hz
2026-08-08 Saturday	20:00	089°	+39°	0 dB	0°	089°	+39°	175°	+28°	4.2dB	494°K	365014	+257 Hz
2026-08-08 Saturday	20:30	094°	+44°	0 dB	0°	094°	+44°	183°	+28°	4.2dB	497°K	364972	+239 Hz
2026-08-08 Saturday	21:00	100°	+49°	0 dB	0°	100°	+49°	190°	+28°	4.2dB	500°K	364931	+218 Hz
2026-08-08 Saturday	21:30	107°	+54°	0 dB	0°	107°	+54°	197°	+28°	4.2dB	500°K	364890	+193 Hz
2026-08-08 Saturday	22:00	115°	+59°	0 dB	0°	115°	+59°	204°	+28°	4.2dB	500°K	364849	+165 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-08 Saturday	22:30	124°	+63°	0 dB	0°	124°	+63°	211°	+28°	4.2dB	500°K	364809	+135 Hz
2026-08-08 Saturday	23:00	137°	+67°	0 dB	0°	137°	+67°	219°	+28°	4.2dB	500°K	364770	+103 Hz
2026-08-08 Saturday	23:30	152°	+70°	0 dB	0°	152°	+70°	226°	+28°	4.2dB	500°K	364731	+70 Hz
2026-08-09 Sunday	00:00	171°	+71°	0 dB	0°	171°	+71°	233°	+28°	4.2dB	500°K	364692	+36 Hz
2026-08-09 Sunday	00:30	191°	+71°	0 dB	0°	191°	+71°	240°	+28°	4.2dB	500°K	364654	+1 Hz
2026-08-09 Sunday	01:00	210°	+70°	0 dB	0°	210°	+70°	247°	+28°	4.2dB	500°K	364616	-33 Hz
2026-08-09 Sunday	01:30	225°	+66°	0 dB	0°	225°	+66°	254°	+28°	4.2dB	500°K	364579	-66 Hz
2026-08-09 Sunday	02:00	237°	+63°	0 dB	0°	237°	+63°	262°	+28°	4.2dB	500°K	364542	-98 Hz
2026-08-09 Sunday	02:30	246°	+58°	0 dB	0°	246°	+58°	269°	+28°	4.2dB	500°K	364506	-128 Hz
2026-08-09 Sunday	03:00	254°	+53°	0 dB	0°	254°	+53°	276°	+28°	4.2dB	500°K	364470	-155 Hz
2026-08-09 Sunday	03:30	261°	+48°	0 dB	0°	261°	+48°	283°	+28°	4.2dB	500°K	364435	-180 Hz
2026-08-09 Sunday	04:00	266°	+43°	0 dB	0°	266°	+43°	290°	+28°	4.2dB	500°K	364400	-201 Hz
2026-08-09 Sunday	04:30	272°	+38°	0 dB	0°	272°	+38°	297°	+28°	4.2dB	500°K	364366	-218 Hz
2026-08-09 Sunday	05:00	276°	+33°	0 dB	0°	276°	+33°	305°	+28°	4.2dB	500°K	364332	-232 Hz
2026-08-09 Sunday	05:30	281°	+28°	0 dB	0°	281°	+28°	312°	+28°	4.2dB	500°K	364299	-242 Hz
2026-08-09 Sunday	06:00	286°	+24°	0 dB	0°	286°	+24°	319°	+28°	4.2dB	500°K	364266	-247 Hz
2026-08-09 Sunday	06:30	290°	+19°	0 dB	0°	290°	+19°	326°	+28°	4.2dB	500°K	364234	-248 Hz
2026-08-09 Sunday	07:00	295°	+14°	0 dB	0°	295°	+14°	333°	+28°	4.2dB	500°K	364202	-246 Hz
2026-08-09 Sunday	07:30	300°	+10°	0 dB	0°	300°	+10°	341°	+28°	4.2dB	500°K	364170	-239 Hz
2026-08-09 Sunday	08:00	304°	+6°	0 dB	0°	304°	+6°	348°	+28°	4.1dB	498°K	364140	-228 Hz
2026-08-09 Sunday	08:30	309°	+2°	0 dB	0°	309°	+2°	355°	+28°	4.1dB	494°K	364109	-213 Hz
2026-08-09 Sunday	17:00	051°	+1°	0 dB	0°	051°	+1°	117°	+28°	3.5dB	426°K	363673	+239 Hz
2026-08-09 Sunday	17:30	056°	+5°	0 dB	0°	056°	+5°	124°	+28°	3.5dB	422°K	363652	+253 Hz
2026-08-09 Sunday	18:00	061°	+9°	0 dB	0°	061°	+9°	131°	+28°	3.5dB	418°K	363632	+265 Hz
2026-08-09 Sunday	18:30	065°	+14°	0 dB	0°	065°	+14°	138°	+27°	3.4dB	414°K	363612	+272 Hz
2026-08-09 Sunday	19:00	070°	+18°	0 dB	0°	070°	+18°	146°	+27°	3.4dB	411°K	363593	+275 Hz
2026-08-09 Sunday	19:30	075°	+23°	0 dB	0°	075°	+23°	153°	+27°	3.4dB	409°K	363574	+274 Hz
2026-08-09 Sunday	20:00	079°	+28°	0 dB	0°	079°	+28°	160°	+27°	3.3dB	407°K	363556	+269 Hz
2026-08-09 Sunday	20:30	084°	+33°	0 dB	0°	084°	+33°	167°	+27°	3.3dB	405°K	363539	+260 Hz
2026-08-09 Sunday	21:00	089°	+38°	0 dB	0°	089°	+38°	174°	+27°	3.3dB	403°K	363522	+247 Hz
2026-08-09 Sunday	21:30	094°	+43°	0 dB	0°	094°	+43°	181°	+27°	3.3dB	401°K	363505	+229 Hz
2026-08-09 Sunday	22:00	100°	+48°	0 dB	0°	100°	+48°	189°	+27°	3.3dB	399°K	363490	+208 Hz
2026-08-09 Sunday	22:30	107°	+53°	0 dB	0°	107°	+53°	196°	+27°	3.2dB	397°K	363474	+184 Hz
2026-08-09 Sunday	23:00	115°	+57°	0 dB	0°	115°	+57°	203°	+27°	3.2dB	396°K	363460	+157 Hz
2026-08-09 Sunday	23:30	124°	+62°	0 dB	0°	124°	+62°	210°	+27°	3.2dB	394°K	363445	+127 Hz
2026-08-10 Monday	00:00	136°	+65°	0 dB	0°	136°	+65°	217°	+27°	3.2dB	392°K	363432	+95 Hz
2026-08-10 Monday	00:30	151°	+68°	0 dB	0°	151°	+68°	225°	+27°	3.2dB	390°K	363419	+61 Hz
2026-08-10 Monday	01:00	168°	+70°	0 dB	0°	168°	+70°	232°	+27°	3.2dB	388°K	363406	+27 Hz
2026-08-10 Monday	01:30	188°	+70°	0 dB	0°	188°	+70°	239°	+27°	3.1dB	386°K	363395	-8 Hz
2026-08-10 Monday	02:00	206°	+69°	0 dB	0°	206°	+69°	246°	+27°	3.1dB	384°K	363383	-43 Hz
2026-08-10 Monday	02:30	221°	+66°	0 dB	0°	221°	+66°	253°	+27°	3.1dB	382°K	363373	-77 Hz
2026-08-10 Monday	03:00	233°	+62°	0 dB	0°	233°	+62°	260°	+27°	3.1dB	380°K	363362	-110 Hz
2026-08-10 Monday	03:30	243°	+58°	0 dB	0°	243°	+58°	268°	+27°	3.1dB	378°K	363353	-140 Hz
2026-08-10 Monday	04:00	251°	+53°	0 dB	0°	251°	+53°	275°	+27°	3.0dB	376°K	363344	-169 Hz
2026-08-10 Monday	04:30	258°	+48°	0 dB	0°	258°	+48°	282°	+27°	3.0dB	374°K	363336	-194 Hz
2026-08-10 Monday	05:00	264°	+43°	0 dB	0°	264°	+43°	289°	+27°	3.0dB	372°K	363328	-216 Hz
2026-08-10 Monday	05:30	269°	+38°	0 dB	0°	269°	+38°	296°	+27°	3.0dB	370°K	363321	-235 Hz
2026-08-10 Monday	06:00	274°	+33°	0 dB	0°	274°	+33°	303°	+27°	2.9dB	367°K	363314	-250 Hz
2026-08-10 Monday	06:30	279°	+28°	0 dB	0°	279°	+28°	311°	+26°	2.9dB	364°K	363308	-260 Hz
2026-08-10 Monday	07:00	284°	+23°	0 dB	0°	284°	+23°	318°	+26°	2.9dB	361°K	363302	-267 Hz
2026-08-10 Monday	07:30	288°	+18°	0 dB	0°	288°	+18°	325°	+26°	2.9dB	358°K	363298	-269 Hz
2026-08-10 Monday	08:00	293°	+14°	0 dB	0°	293°	+14°	332°	+26°	2.8dB	355°K	363293	-267 Hz
2026-08-10 Monday	08:30	298°	+9°	0 dB	0°	298°	+9°	339°	+26°	2.8dB	352°K	363290	-261 Hz
2026-08-10 Monday	09:00	302°	+5°	0 dB	0°	302°	+5°	347°	+26°	2.8dB	350°K	363287	-251 Hz
2026-08-10 Monday	09:30	307°	+1°	0 dB	0°	307°	+1°	354°	+26°	2.7dB	347°K	363284	-237 Hz
2026-08-10 Monday	18:30	057°	+2°	0 dB	0°	057°	+2°	123°	+25°	2.1dB	293°K	363344	+240 Hz
2026-08-10 Monday	19:00	062°	+7°	0 dB	0°	062°	+7°	130°	+25°	2.1dB	289°K	363353	+252 Hz
2026-08-10 Monday	19:30	067°	+11°	0 dB	0°	067°	+11°	138°	+25°	2.0dB	286°K	363363	+260 Hz
2026-08-10 Monday	20:00	071°	+16°	0 dB	0°	071°	+16°	145°	+25°	2.0dB	282°K	363373	+264 Hz
2026-08-10 Monday	20:30	076°	+21°	0 dB	0°	076°	+21°	152°	+25°	1.9dB	279°K	363384	+264 Hz
2026-08-10 Monday	21:00	081°	+25°	0 dB	0°	081°	+25°	159°	+25°	1.9dB	275°K	363396	+259 Hz
2026-08-10 Monday	21:30	086°	+30°	0 dB	0°	086°	+30°	166°	+25°	1.9dB	272°K	363408	+250 Hz
2026-08-10 Monday	22:00	091°	+35°	0 dB	0°	091°	+35°	173°	+24°	1.8dB	268°K	363421	+237 Hz
2026-08-10 Monday	22:30	097°	+40°	0 dB	0°	097°	+40°	181°	+24°	1.8dB	265°K	363435	+220 Hz
2026-08-10 Monday	23:00	103°	+45°	0 dB	0°	103°	+45°	188°	+24°	1.7dB	262°K	363449	+199 Hz
2026-08-10 Monday	23:30	110°	+50°	0 dB	0°	110°	+50°	195°	+24°	1.7dB	258°K	363464	+174 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-11 Tuesday	00:00	117°	+55°	0 dB	0°	117°	+55°	202°	+24°	1.6dB	255°K	363479	+146 Hz
2026-08-11 Tuesday	00:30	127°	+59°	0 dB	0°	127°	+59°	209°	+24°	1.6dB	251°K	363495	+116 Hz
2026-08-11 Tuesday	01:00	138°	+62°	0 dB	0°	138°	+62°	217°	+24°	1.5dB	248°K	363512	+83 Hz
2026-08-11 Tuesday	01:30	152°	+65°	0 dB	0°	152°	+65°	224°	+24°	1.5dB	245°K	363529	+49 Hz
2026-08-11 Tuesday	02:00	168°	+67°	0 dB	0°	168°	+67°	231°	+24°	1.4dB	241°K	363547	+13 Hz
2026-08-11 Tuesday	02:30	185°	+67°	0 dB	0°	185°	+67°	238°	+24°	1.4dB	238°K	363566	-23 Hz
2026-08-11 Tuesday	03:00	202°	+66°	0 dB	0°	202°	+66°	245°	+24°	1.4dB	235°K	363585	-59 Hz
2026-08-11 Tuesday	03:30	216°	+63°	0 dB	0°	216°	+63°	253°	+24°	1.3dB	231°K	363605	-94 Hz
2026-08-11 Tuesday	04:00	228°	+60°	0 dB	0°	228°	+60°	260°	+24°	1.2dB	228°K	363625	-128 Hz
2026-08-11 Tuesday	04:30	238°	+56°	0 dB	0°	238°	+56°	267°	+23°	1.2dB	225°K	363646	-160 Hz
2026-08-11 Tuesday	05:00	247°	+51°	0 dB	0°	247°	+51°	274°	+23°	1.2dB	224°K	363668	-189 Hz
2026-08-11 Tuesday	05:30	254°	+46°	0 dB	0°	254°	+46°	281°	+23°	1.2dB	223°K	363690	-216 Hz
2026-08-11 Tuesday	06:00	260°	+41°	0 dB	0°	260°	+41°	289°	+23°	1.2dB	222°K	363713	-239 Hz
2026-08-11 Tuesday	06:30	266°	+36°	0 dB	0°	266°	+36°	296°	+23°	1.1dB	221°K	363737	-259 Hz
2026-08-11 Tuesday	07:00	271°	+31°	0 dB	0°	271°	+31°	303°	+23°	1.1dB	220°K	363761	-274 Hz
2026-08-11 Tuesday	07:30	276°	+26°	0 dB	0°	276°	+26°	310°	+23°	1.1dB	219°K	363786	-285 Hz
2026-08-11 Tuesday	08:00	281°	+21°	0 dB	0°	281°	+21°	317°	+23°	1.1dB	217°K	363811	-292 Hz
2026-08-11 Tuesday	08:30	285°	+16°	0 dB	0°	285°	+16°	325°	+23°	1.1dB	216°K	363837	-295 Hz
2026-08-11 Tuesday	09:00	290°	+11°	0 dB	0°	290°	+11°	332°	+23°	1.1dB	215°K	363864	-293 Hz
2026-08-11 Tuesday	09:30	295°	+7°	0 dB	0°	295°	+7°	339°	+23°	1.0dB	214°K	363892	-287 Hz
2026-08-11 Tuesday	10:00	300°	+2°	0 dB	0°	300°	+2°	346°	+22°	1.0dB	213°K	363920	-277 Hz
2026-08-11 Tuesday	20:00	065°	+4°	0 dB	0°	065°	+4°	130°	+21°	0.7dB	191°K	364613	+242 Hz
2026-08-11 Tuesday	20:30	070°	+8°	0 dB	0°	070°	+8°	138°	+20°	0.7dB	190°K	364654	+251 Hz
2026-08-11 Tuesday	21:00	075°	+13°	0 dB	0°	075°	+13°	145°	+20°	0.7dB	189°K	364696	+255 Hz
2026-08-11 Tuesday	21:30	080°	+18°	0 dB	0°	080°	+18°	152°	+20°	0.7dB	188°K	364738	+255 Hz
2026-08-11 Tuesday	22:00	085°	+22°	0 dB	0°	085°	+22°	159°	+20°	0.6dB	187°K	364781	+250 Hz
2026-08-11 Tuesday	22:30	090°	+27°	0 dB	0°	090°	+27°	166°	+20°	0.6dB	186°K	364825	+240 Hz
2026-08-11 Tuesday	23:00	095°	+32°	0 dB	0°	095°	+32°	174°	+20°	0.6dB	185°K	364869	+227 Hz
2026-08-11 Tuesday	23:30	101°	+37°	0 dB	0°	101°	+37°	181°	+20°	0.6dB	184°K	364914	+209 Hz
2026-08-12 Wednesday	00:00	108°	+42°	0 dB	0°	108°	+42°	188°	+20°	0.6dB	183°K	364960	+187 Hz
2026-08-12 Wednesday	00:30	115°	+47°	0 dB	0°	115°	+47°	195°	+20°	0.6dB	182°K	365006	+161 Hz
2026-08-12 Wednesday	01:00	123°	+51°	0 dB	0°	123°	+51°	203°	+19°	0.5dB	181°K	365053	+132 Hz
2026-08-12 Wednesday	01:30	132°	+55°	0 dB	0°	132°	+55°	210°	+19°	0.5dB	180°K	365100	+101 Hz
2026-08-12 Wednesday	02:00	143°	+58°	0 dB	0°	143°	+58°	217°	+19°	0.5dB	179°K	365149	+67 Hz
2026-08-12 Wednesday	02:30	156°	+61°	0 dB	0°	156°	+61°	224°	+19°	0.5dB	178°K	365197	+31 Hz
2026-08-12 Wednesday	03:00	171°	+62°	0 dB	0°	171°	+62°	231°	+19°	0.5dB	SUN!	365246	-6 Hz
2026-08-12 Wednesday	03:30	185°	+62°	0 dB	0°	185°	+62°	239°	+19°	0.4dB	SUN!	365296	-43 Hz
2026-08-12 Wednesday	04:00	200°	+61°	0 dB	0°	200°	+61°	246°	+19°	0.4dB	SUN!	365347	-81 Hz
2026-08-12 Wednesday	04:30	213°	+59°	0 dB	0°	213°	+59°	253°	+19°	0.4dB	SUN!	365398	-117 Hz
2026-08-12 Wednesday	05:00	224°	+55°	0 dB	0°	224°	+55°	260°	+19°	0.4dB	SUN!	365450	-152 Hz
2026-08-12 Wednesday	05:30	234°	+51°	0 dB	0°	234°	+51°	268°	+18°	0.4dB	SUN!	365502	-185 Hz
2026-08-12 Wednesday	06:00	242°	+47°	0 dB	0°	242°	+47°	275°	+18°	0.5dB	SUN!	365555	-215 Hz
2026-08-12 Wednesday	06:30	249°	+42°	0 dB	0°	249°	+42°	282°	+18°	0.5dB	SUN!	365609	-243 Hz
2026-08-12 Wednesday	07:00	256°	+37°	0 dB	0°	256°	+37°	289°	+18°	0.5dB	SUN!	365663	-266 Hz
2026-08-12 Wednesday	07:30	261°	+32°	0 dB	0°	261°	+32°	296°	+18°	0.5dB	SUN!	365717	-286 Hz
2026-08-12 Wednesday	08:00	267°	+27°	0 dB	0°	267°	+27°	304°	+18°	0.5dB	SUN!	365773	-302 Hz
2026-08-12 Wednesday	08:30	272°	+22°	0 dB	0°	272°	+22°	311°	+18°	0.5dB	SUN!	365829	-313 Hz
2026-08-12 Wednesday	09:00	277°	+17°	0 dB	0°	277°	+17°	318°	+18°	0.5dB	SUN!	365885	-320 Hz
2026-08-12 Wednesday	09:30	282°	+12°	0 dB	0°	282°	+12°	325°	+18°	0.5dB	SUN!	365943	-322 Hz
2026-08-12 Wednesday	10:00	287°	+7°	0 dB	0°	287°	+7°	333°	+17°	0.5dB	SUN!	366000	-320 Hz
2026-08-12 Wednesday	10:30	292°	+2°	0 dB	0°	292°	+2°	340°	+17°	0.5dB	SUN!	366059	-313 Hz
2026-08-12 Wednesday	21:00	069°	+0°	0 dB	0°	069°	+0°	132°	+15°	0.7dB	SUN!	367418	+236 Hz
2026-08-12 Wednesday	21:30	075°	+5°	0 dB	0°	075°	+5°	139°	+15°	0.7dB	SUN!	367489	+244 Hz
2026-08-12 Wednesday	22:00	080°	+10°	0 dB	0°	080°	+10°	146°	+15°	0.7dB	SUN!	367560	+247 Hz
2026-08-12 Wednesday	22:30	085°	+14°	0 dB	0°	085°	+14°	153°	+14°	0.7dB	SUN!	367632	+246 Hz
2026-08-12 Wednesday	23:00	090°	+19°	0 dB	0°	090°	+19°	161°	+14°	0.7dB	SUN!	367705	+240 Hz
2026-08-12 Wednesday	23:30	096°	+24°	0 dB	0°	096°	+24°	168°	+14°	0.7dB	SUN!	367778	+230 Hz
2026-08-13 Thursday	00:00	101°	+29°	0 dB	0°	101°	+29°	175°	+14°	0.7dB	SUN!	367852	+215 Hz
2026-08-13 Thursday	00:30	108°	+34°	0 dB	0°	108°	+34°	182°	+14°	0.8dB	SUN!	367926	+196 Hz
2026-08-13 Thursday	01:00	114°	+39°	0 dB	0°	114°	+39°	190°	+14°	0.8dB	SUN!	368001	+172 Hz
2026-08-13 Thursday	01:30	122°	+43°	0 dB	0°	122°	+43°	197°	+14°	0.8dB	SUN!	368076	+145 Hz
2026-08-13 Thursday	02:00	130°	+47°	0 dB	0°	130°	+47°	204°	+14°	0.8dB	SUN!	368152	+114 Hz
2026-08-13 Thursday	02:30	139°	+51°	0 dB	0°	139°	+51°	211°	+13°	0.8dB	SUN!	368228	+81 Hz
2026-08-13 Thursday	03:00	150°	+53°	0 dB	0°	150°	+53°	219°	+13°	0.8dB	SUN!	368305	+45 Hz
2026-08-13 Thursday	03:30	162°	+55°	0 dB	0°	162°	+55°	226°	+13°	0.8dB	SUN!	368382	+8 Hz
2026-08-13 Thursday	04:00	175°	+56°	0 dB	0°	175°	+56°	233°	+13°	0.8dB	SUN!	368460	-30 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-13 Thursday	04:30	187°	+56°	0 dB	0°	187°	+56°	240°	+13°	0.8dB	SUN!	368539	-69 Hz
2026-08-13 Thursday	05:00	200°	+55°	0 dB	0°	200°	+55°	248°	+13°	0.8dB	SUN!	368618	-107 Hz
2026-08-13 Thursday	05:30	211°	+52°	0 dB	0°	211°	+52°	255°	+13°	0.8dB	SUN!	368697	-144 Hz
2026-08-13 Thursday	06:00	222°	+49°	0 dB	0°	222°	+49°	262°	+13°	0.8dB	SUN!	368777	-180 Hz
2026-08-13 Thursday	06:30	231°	+45°	0 dB	0°	231°	+45°	269°	+12°	0.8dB	SUN!	368858	-213 Hz
2026-08-13 Thursday	07:00	238°	+41°	0 dB	0°	238°	+41°	276°	+12°	0.8dB	SUN!	368939	-244 Hz
2026-08-13 Thursday	07:30	246°	+37°	0 dB	0°	246°	+37°	284°	+12°	0.8dB	SUN!	369020	-271 Hz
2026-08-13 Thursday	08:00	252°	+32°	0 dB	0°	252°	+32°	291°	+12°	0.8dB	SUN!	369102	-294 Hz
2026-08-13 Thursday	08:30	258°	+27°	0 dB	0°	258°	+27°	298°	+12°	0.9dB	188°K	369185	-313 Hz
2026-08-13 Thursday	09:00	263°	+22°	0 dB	0°	263°	+22°	305°	+12°	0.9dB	188°K	369268	-328 Hz
2026-08-13 Thursday	09:30	269°	+17°	0 dB	0°	269°	+17°	313°	+12°	0.9dB	188°K	369351	-338 Hz
2026-08-13 Thursday	10:00	274°	+12°	0 dB	0°	274°	+12°	320°	+12°	0.9dB	189°K	369435	-344 Hz
2026-08-13 Thursday	10:30	279°	+6°	0 dB	0°	279°	+6°	327°	+11°	0.9dB	189°K	369520	-345 Hz
2026-08-13 Thursday	11:00	284°	+1°	0 dB	0°	284°	+1°	334°	+11°	0.9dB	189°K	369604	-341 Hz
2026-08-13 Thursday	22:30	081°	+2°	0 dB	0°	081°	+2°	141°	+8°	1.1dB	197°K	371685	+238 Hz
2026-08-13 Thursday	23:00	086°	+7°	0 dB	0°	086°	+7°	148°	+8°	1.1dB	197°K	371781	+240 Hz
2026-08-13 Thursday	23:30	091°	+12°	0 dB	0°	091°	+12°	156°	+8°	1.1dB	197°K	371877	+238 Hz
2026-08-14 Friday	00:00	097°	+16°	0 dB	0°	097°	+16°	163°	+8°	1.1dB	197°K	371973	+230 Hz
2026-08-14 Friday	00:30	103°	+21°	0 dB	0°	103°	+21°	170°	+8°	1.2dB	198°K	372070	+218 Hz
2026-08-14 Friday	01:00	108°	+26°	0 dB	0°	108°	+26°	178°	+8°	1.2dB	198°K	372167	+201 Hz
2026-08-14 Friday	01:30	115°	+31°	0 dB	0°	115°	+31°	185°	+7°	1.2dB	198°K	372265	+180 Hz
2026-08-14 Friday	02:00	122°	+35°	0 dB	0°	122°	+35°	192°	+7°	1.2dB	199°K	372363	+154 Hz
2026-08-14 Friday	02:30	129°	+39°	0 dB	0°	129°	+39°	199°	+7°	1.2dB	199°K	372461	+125 Hz
2026-08-14 Friday	03:00	138°	+43°	0 dB	0°	138°	+43°	207°	+7°	1.2dB	199°K	372560	+93 Hz
2026-08-14 Friday	03:30	147°	+46°	0 dB	0°	147°	+46°	214°	+7°	1.2dB	200°K	372659	+58 Hz
2026-08-14 Friday	04:00	157°	+48°	0 dB	0°	157°	+48°	221°	+7°	1.2dB	200°K	372759	+21 Hz
2026-08-14 Friday	04:30	168°	+49°	0 dB	0°	168°	+49°	228°	+7°	1.2dB	200°K	372859	-17 Hz
2026-08-14 Friday	05:00	179°	+50°	0 dB	0°	179°	+50°	236°	+7°	1.3dB	201°K	372959	-57 Hz
2026-08-14 Friday	05:30	191°	+49°	0 dB	0°	191°	+49°	243°	+6°	1.3dB	201°K	373060	-96 Hz
2026-08-14 Friday	06:00	201°	+48°	0 dB	0°	201°	+48°	250°	+6°	1.3dB	201°K	373161	-134 Hz
2026-08-14 Friday	06:30	211°	+45°	0 dB	0°	211°	+45°	257°	+6°	1.3dB	201°K	373262	-172 Hz
2026-08-14 Friday	07:00	220°	+42°	0 dB	0°	220°	+42°	265°	+6°	1.3dB	202°K	373364	-207 Hz
2026-08-14 Friday	07:30	229°	+38°	0 dB	0°	229°	+38°	272°	+6°	1.3dB	202°K	373466	-240 Hz
2026-08-14 Friday	08:00	236°	+34°	0 dB	0°	236°	+34°	279°	+6°	1.3dB	202°K	373568	-269 Hz
2026-08-14 Friday	08:30	243°	+30°	0 dB	0°	243°	+30°	286°	+6°	1.3dB	203°K	373671	-295 Hz
2026-08-14 Friday	09:00	249°	+25°	0 dB	0°	249°	+25°	294°	+5°	1.3dB	203°K	373774	-317 Hz
2026-08-14 Friday	09:30	255°	+20°	0 dB	0°	255°	+20°	301°	+5°	1.3dB	203°K	373877	-335 Hz
2026-08-14 Friday	10:00	261°	+15°	0 dB	0°	261°	+15°	308°	+5°	1.4dB	204°K	373981	-348 Hz
2026-08-14 Friday	10:30	266°	+10°	0 dB	0°	266°	+10°	315°	+5°	1.4dB	204°K	374085	-357 Hz
2026-08-14 Friday	11:00	271°	+5°	0 dB	0°	271°	+5°	323°	+5°	1.4dB	204°K	374190	-360 Hz
2026-08-14 Friday	11:30	276°	-0°	0 dB	0°	276°	-0°	330°	+5°	1.4dB	204°K	374294	-359 Hz
2026-08-15 Saturday	00:00	093°	+4°	0 dB	0°	093°	+4°	152°	+1°	1.6dB	212°K	377005	+233 Hz
2026-08-15 Saturday	00:30	098°	+9°	0 dB	0°	098°	+9°	159°	+1°	1.6dB	212°K	377117	+228 Hz
2026-08-15 Saturday	01:00	104°	+14°	0 dB	0°	104°	+14°	166°	+1°	1.6dB	212°K	377229	+219 Hz
2026-08-15 Saturday	01:30	110°	+18°	0 dB	0°	110°	+18°	173°	+1°	1.7dB	213°K	377341	+204 Hz
2026-08-15 Saturday	02:00	116°	+23°	0 dB	0°	116°	+23°	181°	+1°	1.7dB	214°K	377453	+185 Hz
2026-08-15 Saturday	02:30	122°	+27°	0 dB	0°	122°	+27°	188°	+1°	1.7dB	216°K	377565	+162 Hz
2026-08-15 Saturday	03:00	130°	+31°	0 dB	0°	130°	+31°	195°	+1°	1.8dB	218°K	377678	+135 Hz
2026-08-15 Saturday	03:30	137°	+35°	0 dB	0°	137°	+35°	203°	+0°	1.8dB	219°K	377791	+104 Hz
2026-08-15 Saturday	04:00	146°	+38°	0 dB	0°	146°	+38°	210°	+0°	1.8dB	221°K	377904	+70 Hz
2026-08-15 Saturday	04:30	154°	+40°	0 dB	0°	154°	+40°	217°	+0°	1.8dB	222°K	378017	+34 Hz
2026-08-15 Saturday	05:00	164°	+42°	0 dB	0°	164°	+42°	224°	+0°	1.9dB	224°K	378131	-4 Hz
2026-08-15 Saturday	05:30	174°	+43°	0 dB	0°	174°	+43°	232°	-0°	1.9dB	226°K	378244	-43 Hz
2026-08-15 Saturday	06:00	184°	+43°	0 dB	0°	184°	+43°	239°	-0°	1.9dB	227°K	378358	-82 Hz
2026-08-15 Saturday	06:30	194°	+42°	0 dB	0°	194°	+42°	246°	-0°	2.0dB	229°K	378472	-121 Hz
2026-08-15 Saturday	07:00	203°	+40°	0 dB	0°	203°	+40°	253°	-0°	2.0dB	230°K	378586	-159 Hz
2026-08-15 Saturday	07:30	212°	+38°	0 dB	0°	212°	+38°	261°	-1°	2.0dB	232°K	378701	-196 Hz
2026-08-15 Saturday	08:00	220°	+35°	0 dB	0°	220°	+35°	268°	-1°	2.1dB	234°K	378815	-230 Hz
2026-08-15 Saturday	08:30	228°	+31°	0 dB	0°	228°	+31°	275°	-1°	2.1dB	235°K	378930	-261 Hz
2026-08-15 Saturday	09:00	235°	+27°	0 dB	0°	235°	+27°	283°	-1°	2.1dB	237°K	379044	-289 Hz
2026-08-15 Saturday	09:30	241°	+22°	0 dB	0°	241°	+22°	290°	-1°	2.1dB	238°K	379159	-313 Hz
2026-08-15 Saturday	10:00	247°	+18°	0 dB	0°	247°	+18°	297°	-1°	2.2dB	240°K	379274	-333 Hz
2026-08-15 Saturday	10:30	253°	+13°	0 dB	0°	253°	+13°	304°	-1°	2.2dB	242°K	379389	-348 Hz
2026-08-15 Saturday	11:00	258°	+8°	0 dB	0°	258°	+8°	312°	-2°	2.2dB	243°K	379505	-359 Hz
2026-08-15 Saturday	11:30	264°	+3°	0 dB	0°	264°	+3°	319°	-2°	2.2dB	245°K	379620	-365 Hz
2026-08-16 Sunday	01:00	100°	+2°	0 dB	0°	100°	+2°	155°	-5°	3.0dB	290°K	382770	+227 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-16 Sunday	01:30	106°	+6°	0 dB	0°	106°	+6°	163°	-5°	3.0dB	291°K	382887	+219 Hz
2026-08-16 Sunday	02:00	111°	+11°	0 dB	0°	111°	+11°	170°	-5°	3.0dB	293°K	383005	+207 Hz
2026-08-16 Sunday	02:30	117°	+16°	0 dB	0°	117°	+16°	177°	-6°	3.1dB	295°K	383122	+190 Hz
2026-08-16 Sunday	03:00	123°	+20°	0 dB	0°	123°	+20°	184°	-6°	3.1dB	296°K	383240	+169 Hz
2026-08-16 Sunday	03:30	130°	+24°	0 dB	0°	130°	+24°	192°	-6°	3.1dB	298°K	383357	+144 Hz
2026-08-16 Sunday	04:00	137°	+27°	0 dB	0°	137°	+27°	199°	-6°	3.1dB	300°K	383474	+115 Hz
2026-08-16 Sunday	04:30	145°	+31°	0 dB	0°	145°	+31°	206°	-6°	3.2dB	302°K	383592	+83 Hz
2026-08-16 Sunday	05:00	153°	+33°	0 dB	0°	153°	+33°	213°	-6°	3.2dB	303°K	383709	+49 Hz
2026-08-16 Sunday	05:30	161°	+35°	0 dB	0°	161°	+35°	221°	-6°	3.2dB	305°K	383826	+12 Hz
2026-08-16 Sunday	06:00	170°	+36°	0 dB	0°	170°	+36°	228°	-6°	3.2dB	307°K	383944	-26 Hz
2026-08-16 Sunday	06:30	179°	+36°	0 dB	0°	179°	+36°	235°	-7°	3.3dB	308°K	384061	-65 Hz
2026-08-16 Sunday	07:00	188°	+36°	0 dB	0°	188°	+36°	243°	-7°	3.3dB	310°K	384178	-103 Hz
2026-08-16 Sunday	07:30	197°	+35°	0 dB	0°	197°	+35°	250°	-7°	3.3dB	312°K	384295	-142 Hz
2026-08-16 Sunday	08:00	205°	+33°	0 dB	0°	205°	+33°	257°	-7°	3.3dB	313°K	384412	-178 Hz
2026-08-16 Sunday	08:30	213°	+30°	0 dB	0°	213°	+30°	264°	-7°	3.3dB	313°K	384530	-213 Hz
2026-08-16 Sunday	09:00	221°	+27°	0 dB	0°	221°	+27°	272°	-7°	3.3dB	313°K	384647	-245 Hz
2026-08-16 Sunday	09:30	228°	+23°	0 dB	0°	228°	+23°	279°	-7°	3.4dB	313°K	384764	-274 Hz
2026-08-16 Sunday	10:00	234°	+19°	0 dB	0°	234°	+19°	286°	-7°	3.4dB	313°K	384881	-300 Hz
2026-08-16 Sunday	10:30	240°	+15°	0 dB	0°	240°	+15°	293°	-8°	3.4dB	313°K	384997	-321 Hz
2026-08-16 Sunday	11:00	246°	+10°	0 dB	0°	246°	+10°	301°	-8°	3.4dB	313°K	385114	-339 Hz
2026-08-16 Sunday	11:30	251°	+6°	0 dB	0°	251°	+6°	308°	-8°	3.4dB	313°K	385231	-351 Hz
2026-08-16 Sunday	12:00	257°	+1°	0 dB	0°	257°	+1°	315°	-8°	3.4dB	313°K	385348	-359 Hz
2026-08-17 Monday	02:00	107°	-0°	0 dB	0°	107°	-0°	159°	-11°	3.5dB	311°K	388571	+220 Hz
2026-08-17 Monday	02:30	113°	+4°	0 dB	0°	113°	+4°	166°	-11°	3.5dB	311°K	388684	+211 Hz
2026-08-17 Monday	03:00	118°	+9°	0 dB	0°	118°	+9°	174°	-12°	3.5dB	310°K	388797	+196 Hz
2026-08-17 Monday	03:30	124°	+13°	0 dB	0°	124°	+13°	181°	-12°	3.5dB	310°K	388910	+178 Hz
2026-08-17 Monday	04:00	130°	+17°	0 dB	0°	130°	+17°	188°	-12°	3.5dB	310°K	389022	+155 Hz
2026-08-17 Monday	04:30	137°	+21°	0 dB	0°	137°	+21°	195°	-12°	3.5dB	310°K	389135	+129 Hz
2026-08-17 Monday	05:00	144°	+24°	0 dB	0°	144°	+24°	203°	-12°	3.5dB	309°K	389247	+99 Hz
2026-08-17 Monday	05:30	151°	+26°	0 dB	0°	151°	+26°	210°	-12°	3.5dB	309°K	389358	+66 Hz
2026-08-17 Monday	06:00	159°	+28°	0 dB	0°	159°	+28°	217°	-12°	3.5dB	309°K	389470	+31 Hz
2026-08-17 Monday	06:30	167°	+30°	0 dB	0°	167°	+30°	224°	-12°	3.5dB	308°K	389582	-5 Hz
2026-08-17 Monday	07:00	175°	+30°	0 dB	0°	175°	+30°	232°	-13°	3.5dB	308°K	389693	-43 Hz
2026-08-17 Monday	07:30	183°	+30°	0 dB	0°	183°	+30°	239°	-13°	3.5dB	308°K	389804	-81 Hz
2026-08-17 Monday	08:00	192°	+30°	0 dB	0°	192°	+30°	246°	-13°	3.5dB	308°K	389915	-118 Hz
2026-08-17 Monday	08:30	200°	+28°	0 dB	0°	200°	+28°	254°	-13°	3.5dB	307°K	390025	-155 Hz
2026-08-17 Monday	09:00	207°	+26°	0 dB	0°	207°	+26°	261°	-13°	3.5dB	307°K	390135	-190 Hz
2026-08-17 Monday	09:30	215°	+23°	0 dB	0°	215°	+23°	268°	-13°	3.5dB	307°K	390246	-222 Hz
2026-08-17 Monday	10:00	221°	+20°	0 dB	0°	221°	+20°	275°	-13°	3.5dB	306°K	390355	-252 Hz
2026-08-17 Monday	10:30	228°	+16°	0 dB	0°	228°	+16°	283°	-13°	3.5dB	306°K	390465	-279 Hz
2026-08-17 Monday	11:00	234°	+12°	0 dB	0°	234°	+12°	290°	-13°	3.5dB	306°K	390575	-301 Hz
2026-08-17 Monday	11:30	240°	+8°	0 dB	0°	240°	+8°	297°	-14°	3.5dB	306°K	390684	-320 Hz
2026-08-17 Monday	12:00	245°	+3°	0 dB	0°	245°	+3°	305°	-14°	3.5dB	305°K	390793	-334 Hz
2026-08-18 Tuesday	03:30	119°	+2°	0 dB	0°	119°	+2°	170°	-17°	3.9dB	323°K	394030	+204 Hz
2026-08-18 Tuesday	04:00	124°	+7°	0 dB	0°	124°	+7°	177°	-17°	3.9dB	324°K	394130	+188 Hz
2026-08-18 Tuesday	04:30	130°	+11°	0 dB	0°	130°	+11°	184°	-17°	3.9dB	325°K	394229	+168 Hz
2026-08-18 Tuesday	05:00	136°	+14°	0 dB	0°	136°	+14°	192°	-17°	3.9dB	325°K	394328	+144 Hz
2026-08-18 Tuesday	05:30	143°	+17°	0 dB	0°	143°	+17°	199°	-17°	3.9dB	326°K	394426	+117 Hz
2026-08-18 Tuesday	06:00	150°	+20°	0 dB	0°	150°	+20°	206°	-17°	3.9dB	327°K	394524	+87 Hz
2026-08-18 Tuesday	06:30	157°	+22°	0 dB	0°	157°	+22°	214°	-18°	4.0dB	328°K	394622	+54 Hz
2026-08-18 Tuesday	07:00	164°	+24°	0 dB	0°	164°	+24°	221°	-18°	4.0dB	330°K	394719	+19 Hz
2026-08-18 Tuesday	07:30	172°	+25°	0 dB	0°	172°	+25°	228°	-18°	4.0dB	331°K	394816	-17 Hz
2026-08-18 Tuesday	08:00	179°	+25°	0 dB	0°	179°	+25°	235°	-18°	4.0dB	332°K	394912	-53 Hz
2026-08-18 Tuesday	08:30	187°	+25°	0 dB	0°	187°	+25°	243°	-18°	4.0dB	333°K	395009	-90 Hz
2026-08-18 Tuesday	09:00	195°	+24°	0 dB	0°	195°	+24°	250°	-18°	4.1dB	334°K	395105	-126 Hz
2026-08-18 Tuesday	09:30	202°	+22°	0 dB	0°	202°	+22°	257°	-18°	4.1dB	335°K	395200	-160 Hz
2026-08-18 Tuesday	10:00	209°	+20°	0 dB	0°	209°	+20°	264°	-18°	4.1dB	337°K	395295	-193 Hz
2026-08-18 Tuesday	10:30	216°	+17°	0 dB	0°	216°	+17°	272°	-18°	4.1dB	338°K	395390	-223 Hz
2026-08-18 Tuesday	11:00	222°	+14°	0 dB	0°	222°	+14°	279°	-18°	4.1dB	339°K	395484	-251 Hz
2026-08-18 Tuesday	11:30	228°	+10°	0 dB	0°	228°	+10°	286°	-18°	4.1dB	340°K	395578	-274 Hz
2026-08-18 Tuesday	12:00	234°	+6°	0 dB	0°	234°	+6°	294°	-19°	4.2dB	341°K	395672	-295 Hz
2026-08-18 Tuesday	12:30	239°	+2°	0 dB	0°	239°	+2°	301°	-19°	4.2dB	343°K	395765	-311 Hz
2026-08-19 Wednesday	04:30	124°	+1°	0 dB	0°	124°	+1°	173°	-21°	4.7dB	378°K	398528	+201 Hz
2026-08-19 Wednesday	05:00	130°	+5°	0 dB	0°	130°	+5°	181°	-22°	4.7dB	379°K	398607	+184 Hz
2026-08-19 Wednesday	05:30	135°	+8°	0 dB	0°	135°	+8°	188°	-22°	4.7dB	380°K	398686	+163 Hz
2026-08-19 Wednesday	06:00	141°	+12°	0 dB	0°	141°	+12°	195°	-22°	4.7dB	381°K	398764	+138 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-19 Wednesday	06:30	148°	+15°	0 dB	0°	148°	+15°	202°	-22°	4.7dB	382°K	398842	+110 Hz
2026-08-19 Wednesday	07:00	154°	+17°	0 dB	0°	154°	+17°	210°	-22°	4.7dB	383°K	398919	+80 Hz
2026-08-19 Wednesday	07:30	161°	+19°	0 dB	0°	161°	+19°	217°	-22°	4.7dB	384°K	398996	+47 Hz
2026-08-19 Wednesday	08:00	168°	+20°	0 dB	0°	168°	+20°	224°	-22°	4.8dB	385°K	399072	+13 Hz
2026-08-19 Wednesday	08:30	175°	+21°	0 dB	0°	175°	+21°	231°	-22°	4.8dB	386°K	399148	-22 Hz
2026-08-19 Wednesday	09:00	183°	+21°	0 dB	0°	183°	+21°	239°	-22°	4.8dB	387°K	399223	-57 Hz
2026-08-19 Wednesday	09:30	190°	+20°	0 dB	0°	190°	+20°	246°	-22°	4.8dB	389°K	399298	-92 Hz
2026-08-19 Wednesday	10:00	197°	+19°	0 dB	0°	197°	+19°	253°	-22°	4.8dB	390°K	399373	-126 Hz
2026-08-19 Wednesday	10:30	204°	+17°	0 dB	0°	204°	+17°	260°	-22°	4.8dB	391°K	399447	-159 Hz
2026-08-19 Wednesday	11:00	210°	+15°	0 dB	0°	210°	+15°	268°	-23°	4.8dB	392°K	399520	-189 Hz
2026-08-19 Wednesday	11:30	216°	+12°	0 dB	0°	216°	+12°	275°	-23°	4.9dB	393°K	399593	-218 Hz
2026-08-19 Wednesday	12:00	222°	+9°	0 dB	0°	222°	+9°	282°	-23°	4.9dB	393°K	399666	-242 Hz
2026-08-19 Wednesday	12:30	228°	+5°	0 dB	0°	228°	+5°	289°	-23°	4.9dB	394°K	399738	-264 Hz
2026-08-19 Wednesday	13:00	233°	+1°	0 dB	0°	233°	+1°	297°	-23°	4.9dB	395°K	399809	-282 Hz
2026-08-20 Thursday	05:30	128°	-0°	0 dB	0°	128°	-0°	176°	-25°	5.4dB	437°K	401890	+202 Hz
2026-08-20 Thursday	06:00	134°	+3°	0 dB	0°	134°	+3°	183°	-25°	5.4dB	439°K	401944	+184 Hz
2026-08-20 Thursday	06:30	139°	+7°	0 dB	0°	139°	+7°	191°	-25°	5.4dB	441°K	401998	+162 Hz
2026-08-20 Thursday	07:00	145°	+10°	0 dB	0°	145°	+10°	198°	-25°	5.4dB	444°K	402051	+137 Hz
2026-08-20 Thursday	07:30	151°	+12°	0 dB	0°	151°	+12°	205°	-25°	5.4dB	446°K	402104	+109 Hz
2026-08-20 Thursday	08:00	158°	+15°	0 dB	0°	158°	+15°	212°	-25°	5.5dB	448°K	402156	+79 Hz
2026-08-20 Thursday	08:30	165°	+16°	0 dB	0°	165°	+16°	220°	-25°	5.5dB	450°K	402207	+47 Hz
2026-08-20 Thursday	09:00	171°	+17°	0 dB	0°	171°	+17°	227°	-25°	5.5dB	452°K	402259	+13 Hz
2026-08-20 Thursday	09:30	178°	+18°	0 dB	0°	178°	+18°	234°	-25°	5.5dB	454°K	402309	-21 Hz
2026-08-20 Thursday	10:00	185°	+17°	0 dB	0°	185°	+17°	241°	-25°	5.5dB	457°K	402359	-55 Hz
2026-08-20 Thursday	10:30	192°	+17°	0 dB	0°	192°	+17°	249°	-26°	5.6dB	459°K	402409	-89 Hz
2026-08-20 Thursday	11:00	199°	+15°	0 dB	0°	199°	+15°	256°	-26°	5.6dB	461°K	402458	-121 Hz
2026-08-20 Thursday	11:30	205°	+13°	0 dB	0°	205°	+13°	263°	-26°	5.6dB	463°K	402506	-152 Hz
2026-08-20 Thursday	12:00	211°	+11°	0 dB	0°	211°	+11°	270°	-26°	5.6dB	465°K	402554	-181 Hz
2026-08-20 Thursday	12:30	217°	+8°	0 dB	0°	217°	+8°	278°	-26°	5.7dB	468°K	402601	-207 Hz
2026-08-20 Thursday	13:00	223°	+5°	0 dB	0°	223°	+5°	285°	-26°	5.7dB	470°K	402648	-230 Hz
2026-08-20 Thursday	13:30	228°	+1°	0 dB	0°	228°	+1°	292°	-26°	5.7dB	472°K	402695	-250 Hz
2026-08-21 Friday	07:00	137°	+3°	0 dB	0°	137°	+3°	186°	-27°	7.0dB	655°K	403975	+188 Hz
2026-08-21 Friday	07:30	142°	+6°	0 dB	0°	142°	+6°	193°	-27°	7.1dB	664°K	404002	+166 Hz
2026-08-21 Friday	08:00	148°	+9°	0 dB	0°	148°	+9°	200°	-27°	7.1dB	674°K	404029	+140 Hz
2026-08-21 Friday	08:30	154°	+11°	0 dB	0°	154°	+11°	208°	-27°	7.2dB	683°K	404054	+112 Hz
2026-08-21 Friday	09:00	161°	+13°	0 dB	0°	161°	+13°	215°	-27°	7.3dB	693°K	404080	+82 Hz
2026-08-21 Friday	09:30	167°	+14°	0 dB	0°	167°	+14°	222°	-27°	7.3dB	703°K	404104	+50 Hz
2026-08-21 Friday	10:00	174°	+15°	0 dB	0°	174°	+15°	229°	-27°	7.4dB	712°K	404128	+17 Hz
2026-08-21 Friday	10:30	180°	+15°	0 dB	0°	180°	+15°	237°	-27°	7.4dB	722°K	404152	-16 Hz
2026-08-21 Friday	11:00	187°	+15°	0 dB	0°	187°	+15°	244°	-27°	7.5dB	731°K	404175	-50 Hz
2026-08-21 Friday	11:30	194°	+14°	0 dB	0°	194°	+14°	251°	-28°	7.5dB	741°K	404197	-82 Hz
2026-08-21 Friday	12:00	200°	+13°	0 dB	0°	200°	+13°	258°	-28°	7.6dB	751°K	404219	-114 Hz
2026-08-21 Friday	12:30	206°	+11°	0 dB	0°	206°	+11°	265°	-28°	7.6dB	760°K	404241	-144 Hz
2026-08-21 Friday	13:00	212°	+8°	0 dB	0°	212°	+8°	273°	-28°	7.7dB	770°K	404261	-171 Hz
2026-08-21 Friday	13:30	218°	+5°	0 dB	0°	218°	+5°	280°	-28°	7.7dB	780°K	404282	-196 Hz
2026-08-21 Friday	14:00	224°	+2°	0 dB	0°	224°	+2°	287°	-28°	7.8dB	789°K	404302	-218 Hz
2026-08-22 Saturday	07:30	133°	-0°	0 dB	0°	133°	-0°	181°	-28°	10.7dB	1603°K	404656	+215 Hz
2026-08-22 Saturday	08:00	139°	+3°	0 dB	0°	139°	+3°	188°	-28°	10.9dB	1659°K	404657	+196 Hz
2026-08-22 Saturday	08:30	144°	+6°	0 dB	0°	144°	+6°	195°	-28°	11.0dB	1723°K	404657	+173 Hz
2026-08-22 Saturday	09:00	150°	+9°	0 dB	0°	150°	+9°	202°	-28°	11.2dB	1786°K	404656	+147 Hz
2026-08-22 Saturday	09:30	156°	+11°	0 dB	0°	156°	+11°	210°	-28°	11.3dB	1849°K	404656	+118 Hz
2026-08-22 Saturday	10:00	163°	+13°	0 dB	0°	163°	+13°	217°	-28°	11.5dB	1912°K	404654	+88 Hz
2026-08-22 Saturday	10:30	169°	+14°	0 dB	0°	169°	+14°	224°	-28°	11.6dB	1975°K	404652	+56 Hz
2026-08-22 Saturday	11:00	176°	+15°	0 dB	0°	176°	+15°	231°	-28°	11.7dB	2039°K	404650	+23 Hz
2026-08-22 Saturday	11:30	182°	+15°	0 dB	0°	182°	+15°	239°	-28°	11.9dB	2102°K	404647	-10 Hz
2026-08-22 Saturday	12:00	189°	+14°	0 dB	0°	189°	+14°	246°	-28°	12.0dB	2165°K	404643	-43 Hz
2026-08-22 Saturday	12:30	195°	+13°	0 dB	0°	195°	+13°	253°	-28°	12.1dB	2228°K	404639	-76 Hz
2026-08-22 Saturday	13:00	202°	+12°	0 dB	0°	202°	+12°	260°	-28°	12.2dB	2292°K	404635	-106 Hz
2026-08-22 Saturday	13:30	208°	+10°	0 dB	0°	208°	+10°	268°	-28°	12.3dB	2355°K	404630	-136 Hz
2026-08-22 Saturday	14:00	214°	+7°	0 dB	0°	214°	+7°	275°	-28°	12.5dB	2418°K	404624	-162 Hz
2026-08-22 Saturday	14:30	220°	+4°	0 dB	0°	220°	+4°	282°	-28°	12.6dB	2481°K	404618	-186 Hz
2026-08-22 Saturday	15:00	225°	+1°	0 dB	0°	225°	+1°	289°	-28°	12.7dB	2545°K	404612	-207 Hz
2026-08-23 Sunday	08:30	135°	+1°	0 dB	0°	135°	+1°	183°	-28°	12.2dB	2265°K	404075	+226 Hz
2026-08-23 Sunday	09:00	140°	+4°	0 dB	0°	140°	+4°	190°	-28°	12.1dB	2220°K	404051	+205 Hz
2026-08-23 Sunday	09:30	146°	+7°	0 dB	0°	146°	+7°	197°	-28°	12.0dB	2175°K	404026	+181 Hz
2026-08-23 Sunday	10:00	152°	+10°	0 dB	0°	152°	+10°	204°	-28°	11.9dB	2130°K	404002	+154 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-23 Sunday	10:30	158°	+12°	0 dB	0°	158°	+12°	212°	-28°	11.8dB	2085°K	403976	+125 Hz
2026-08-23 Sunday	11:00	164°	+14°	0 dB	0°	164°	+14°	219°	-27°	11.7dB	2040°K	403951	+94 Hz
2026-08-23 Sunday	11:30	171°	+15°	0 dB	0°	171°	+15°	226°	-27°	11.6dB	1995°K	403925	+61 Hz
2026-08-23 Sunday	12:00	178°	+15°	0 dB	0°	178°	+15°	233°	-27°	11.5dB	1949°K	403898	+28 Hz
2026-08-23 Sunday	12:30	184°	+15°	0 dB	0°	184°	+15°	241°	-27°	11.4dB	1904°K	403871	-6 Hz
2026-08-23 Sunday	13:00	191°	+15°	0 dB	0°	191°	+15°	248°	-27°	11.3dB	1859°K	403844	-39 Hz
2026-08-23 Sunday	13:30	197°	+14°	0 dB	0°	197°	+14°	255°	-27°	11.2dB	1814°K	403816	-71 Hz
2026-08-23 Sunday	14:00	204°	+12°	0 dB	0°	204°	+12°	262°	-27°	11.1dB	1769°K	403787	-102 Hz
2026-08-23 Sunday	14:30	210°	+10°	0 dB	0°	210°	+10°	270°	-27°	11.0dB	1724°K	403758	-131 Hz
2026-08-23 Sunday	15:00	216°	+7°	0 dB	0°	216°	+7°	277°	-27°	10.9dB	1679°K	403729	-157 Hz
2026-08-23 Sunday	15:30	222°	+4°	0 dB	0°	222°	+4°	284°	-27°	10.8dB	1634°K	403700	-180 Hz
2026-08-23 Sunday	16:00	227°	+0°	0 dB	0°	227°	+0°	291°	-27°	10.6dB	1589°K	403670	-200 Hz
2026-08-24 Monday	09:00	130°	-0°	0 dB	0°	130°	-0°	178°	-26°	6.9dB	642°K	402401	+254 Hz
2026-08-24 Monday	09:30	135°	+4°	0 dB	0°	135°	+4°	185°	-26°	6.8dB	629°K	402357	+236 Hz
2026-08-24 Monday	10:00	141°	+7°	0 dB	0°	141°	+7°	192°	-26°	6.7dB	617°K	402312	+214 Hz
2026-08-24 Monday	10:30	147°	+10°	0 dB	0°	147°	+10°	200°	-26°	6.6dB	604°K	402268	+188 Hz
2026-08-24 Monday	11:00	153°	+13°	0 dB	0°	153°	+13°	207°	-26°	6.6dB	592°K	402222	+160 Hz
2026-08-24 Monday	11:30	159°	+15°	0 dB	0°	159°	+15°	214°	-25°	6.5dB	579°K	402177	+130 Hz
2026-08-24 Monday	12:00	166°	+16°	0 dB	0°	166°	+16°	221°	-25°	6.4dB	566°K	402131	+97 Hz
2026-08-24 Monday	12:30	173°	+17°	0 dB	0°	173°	+17°	228°	-25°	6.3dB	554°K	402085	+64 Hz
2026-08-24 Monday	13:00	180°	+18°	0 dB	0°	180°	+18°	236°	-25°	6.2dB	541°K	402038	+30 Hz
2026-08-24 Monday	13:30	187°	+17°	0 dB	0°	187°	+17°	243°	-25°	6.1dB	529°K	401991	-5 Hz
2026-08-24 Monday	14:00	193°	+17°	0 dB	0°	193°	+17°	250°	-25°	6.0dB	519°K	401943	-39 Hz
2026-08-24 Monday	14:30	200°	+15°	0 dB	0°	200°	+15°	257°	-25°	6.0dB	514°K	401896	-71 Hz
2026-08-24 Monday	15:00	207°	+13°	0 dB	0°	207°	+13°	265°	-25°	5.9dB	508°K	401848	-102 Hz
2026-08-24 Monday	15:30	213°	+11°	0 dB	0°	213°	+11°	272°	-25°	5.9dB	503°K	401799	-131 Hz
2026-08-24 Monday	16:00	219°	+8°	0 dB	0°	219°	+8°	279°	-25°	5.8dB	497°K	401751	-157 Hz
2026-08-24 Monday	16:30	225°	+5°	0 dB	0°	225°	+5°	287°	-25°	5.8dB	492°K	401702	-180 Hz
2026-08-24 Monday	17:00	230°	+1°	0 dB	0°	230°	+1°	294°	-25°	5.8dB	486°K	401652	-200 Hz
2026-08-25 Tuesday	09:30	125°	-0°	0 dB	0°	125°	-0°	173°	-23°	4.5dB	352°K	399846	+281 Hz
2026-08-25 Tuesday	10:00	130°	+4°	0 dB	0°	130°	+4°	180°	-23°	4.4dB	350°K	399786	+264 Hz
2026-08-25 Tuesday	10:30	136°	+8°	0 dB	0°	136°	+8°	188°	-23°	4.4dB	349°K	399726	+243 Hz
2026-08-25 Tuesday	11:00	142°	+11°	0 dB	0°	142°	+11°	195°	-22°	4.4dB	347°K	399666	+219 Hz
2026-08-25 Tuesday	11:30	148°	+14°	0 dB	0°	148°	+14°	202°	-22°	4.4dB	346°K	399606	+192 Hz
2026-08-25 Tuesday	12:00	154°	+17°	0 dB	0°	154°	+17°	209°	-22°	4.4dB	344°K	399545	+162 Hz
2026-08-25 Tuesday	12:30	161°	+19°	0 dB	0°	161°	+19°	217°	-22°	4.3dB	343°K	399484	+130 Hz
2026-08-25 Tuesday	13:00	168°	+20°	0 dB	0°	168°	+20°	224°	-22°	4.3dB	341°K	399423	+96 Hz
2026-08-25 Tuesday	13:30	175°	+21°	0 dB	0°	175°	+21°	231°	-22°	4.3dB	340°K	399362	+61 Hz
2026-08-25 Tuesday	14:00	182°	+21°	0 dB	0°	182°	+21°	238°	-22°	4.3dB	338°K	399300	+25 Hz
2026-08-25 Tuesday	14:30	190°	+21°	0 dB	0°	190°	+21°	246°	-22°	4.3dB	337°K	399238	-10 Hz
2026-08-25 Tuesday	15:00	197°	+19°	0 dB	0°	197°	+19°	253°	-22°	4.2dB	335°K	399176	-45 Hz
2026-08-25 Tuesday	15:30	204°	+18°	0 dB	0°	204°	+18°	260°	-22°	4.2dB	334°K	399114	-78 Hz
2026-08-25 Tuesday	16:00	210°	+16°	0 dB	0°	210°	+16°	268°	-22°	4.2dB	332°K	399051	-109 Hz
2026-08-25 Tuesday	16:30	217°	+13°	0 dB	0°	217°	+13°	275°	-22°	4.2dB	330°K	398988	-138 Hz
2026-08-25 Tuesday	17:00	223°	+10°	0 dB	0°	223°	+10°	282°	-21°	4.2dB	329°K	398925	-164 Hz
2026-08-25 Tuesday	17:30	229°	+6°	0 dB	0°	229°	+6°	289°	-21°	4.1dB	327°K	398862	-186 Hz
2026-08-25 Tuesday	18:00	234°	+2°	0 dB	0°	234°	+2°	297°	-21°	4.1dB	326°K	398798	-205 Hz
2026-08-26 Wednesday	10:00	119°	+1°	0 dB	0°	119°	+1°	169°	-18°	4.0dB	326°K	396657	+303 Hz
2026-08-26 Wednesday	10:30	124°	+5°	0 dB	0°	124°	+5°	176°	-18°	4.0dB	326°K	396587	+288 Hz
2026-08-26 Wednesday	11:00	130°	+9°	0 dB	0°	130°	+9°	184°	-18°	4.0dB	326°K	396517	+269 Hz
2026-08-26 Wednesday	11:30	136°	+13°	0 dB	0°	136°	+13°	191°	-18°	4.0dB	326°K	396447	+246 Hz
2026-08-26 Wednesday	12:00	142°	+16°	0 dB	0°	142°	+16°	198°	-18°	4.0dB	326°K	396377	+220 Hz
2026-08-26 Wednesday	12:30	149°	+19°	0 dB	0°	149°	+19°	205°	-18°	4.0dB	326°K	396306	+190 Hz
2026-08-26 Wednesday	13:00	156°	+22°	0 dB	0°	156°	+22°	213°	-18°	4.0dB	326°K	396236	+158 Hz
2026-08-26 Wednesday	13:30	163°	+24°	0 dB	0°	163°	+24°	220°	-18°	4.0dB	326°K	396165	+124 Hz
2026-08-26 Wednesday	14:00	171°	+25°	0 dB	0°	171°	+25°	227°	-18°	4.0dB	326°K	396094	+88 Hz
2026-08-26 Wednesday	14:30	178°	+25°	0 dB	0°	178°	+25°	234°	-18°	4.0dB	326°K	396023	+52 Hz
2026-08-26 Wednesday	15:00	186°	+25°	0 dB	0°	186°	+25°	242°	-18°	4.0dB	326°K	395952	+15 Hz
2026-08-26 Wednesday	15:30	194°	+25°	0 dB	0°	194°	+25°	249°	-17°	4.0dB	326°K	395881	-22 Hz
2026-08-26 Wednesday	16:00	201°	+23°	0 dB	0°	201°	+23°	256°	-17°	4.0dB	326°K	395809	-57 Hz
2026-08-26 Wednesday	16:30	208°	+21°	0 dB	0°	208°	+21°	263°	-17°	4.0dB	326°K	395738	-91 Hz
2026-08-26 Wednesday	17:00	215°	+18°	0 dB	0°	215°	+18°	271°	-17°	4.0dB	326°K	395666	-122 Hz
2026-08-26 Wednesday	17:30	222°	+15°	0 dB	0°	222°	+15°	278°	-17°	4.0dB	326°K	395594	-150 Hz
2026-08-26 Wednesday	18:00	228°	+12°	0 dB	0°	228°	+12°	285°	-17°	4.0dB	326°K	395522	-176 Hz
2026-08-26 Wednesday	18:30	234°	+8°	0 dB	0°	234°	+8°	293°	-17°	4.0dB	326°K	395450	-197 Hz
2026-08-26 Wednesday	19:00	240°	+4°	0 dB	0°	240°	+4°	300°	-17°	4.0dB	326°K	395378	-215 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-26 Wednesday	19:30	245°	-0°	0 dB	0°	245°	-0°	307°	-17°	4.0dB	326°K	395306	-228 Hz
2026-08-27 Thursday	10:30	113°	+2°	0 dB	0°	113°	+2°	165°	-13°	3.6dB	304°K	393093	+320 Hz
2026-08-27 Thursday	11:00	119°	+7°	0 dB	0°	119°	+7°	173°	-13°	3.6dB	303°K	393018	+307 Hz
2026-08-27 Thursday	11:30	124°	+11°	0 dB	0°	124°	+11°	180°	-13°	3.6dB	302°K	392944	+290 Hz
2026-08-27 Thursday	12:00	130°	+15°	0 dB	0°	130°	+15°	187°	-13°	3.6dB	301°K	392868	+268 Hz
2026-08-27 Thursday	12:30	136°	+19°	0 dB	0°	136°	+19°	194°	-13°	3.6dB	300°K	392793	+243 Hz
2026-08-27 Thursday	13:00	143°	+23°	0 dB	0°	143°	+23°	202°	-13°	3.5dB	299°K	392718	+214 Hz
2026-08-27 Thursday	13:30	150°	+25°	0 dB	0°	150°	+25°	209°	-13°	3.5dB	298°K	392643	+182 Hz
2026-08-27 Thursday	14:00	158°	+28°	0 dB	0°	158°	+28°	216°	-13°	3.5dB	297°K	392568	+147 Hz
2026-08-27 Thursday	14:30	166°	+29°	0 dB	0°	166°	+29°	223°	-13°	3.5dB	296°K	392493	+111 Hz
2026-08-27 Thursday	15:00	174°	+30°	0 dB	0°	174°	+30°	231°	-12°	3.5dB	295°K	392417	+74 Hz
2026-08-27 Thursday	15:30	182°	+31°	0 dB	0°	182°	+31°	238°	-12°	3.5dB	293°K	392342	+36 Hz
2026-08-27 Thursday	16:00	191°	+30°	0 dB	0°	191°	+30°	245°	-12°	3.4dB	291°K	392267	-2 Hz
2026-08-27 Thursday	16:30	199°	+29°	0 dB	0°	199°	+29°	253°	-12°	3.4dB	290°K	392191	-39 Hz
2026-08-27 Thursday	17:00	207°	+27°	0 dB	0°	207°	+27°	260°	-12°	3.4dB	288°K	392116	-75 Hz
2026-08-27 Thursday	17:30	214°	+25°	0 dB	0°	214°	+25°	267°	-12°	3.4dB	286°K	392041	-109 Hz
2026-08-27 Thursday	18:00	221°	+22°	0 dB	0°	221°	+22°	274°	-12°	3.3dB	285°K	391965	-139 Hz
2026-08-27 Thursday	18:30	228°	+18°	0 dB	0°	228°	+18°	282°	-12°	3.3dB	283°K	391890	-167 Hz
2026-08-27 Thursday	19:00	234°	+14°	0 dB	0°	234°	+14°	289°	-11°	3.3dB	281°K	391814	-191 Hz
2026-08-27 Thursday	19:30	240°	+10°	0 dB	0°	240°	+10°	296°	-11°	3.3dB	279°K	391739	-211 Hz
2026-08-27 Thursday	20:00	246°	+6°	0 dB	0°	246°	+6°	304°	-11°	3.2dB	278°K	391663	-227 Hz
2026-08-27 Thursday	20:30	251°	+1°	0 dB	0°	251°	+1°	311°	-11°	3.2dB	276°K	391587	-238 Hz
2026-08-28 Friday	11:00	107°	+4°	0 dB	0°	107°	+4°	162°	-8°	2.7dB	243°K	389394	+332 Hz
2026-08-28 Friday	11:30	112°	+9°	0 dB	0°	112°	+9°	169°	-8°	2.7dB	243°K	389318	+321 Hz
2026-08-28 Friday	12:00	118°	+14°	0 dB	0°	118°	+14°	176°	-7°	2.7dB	243°K	389243	+305 Hz
2026-08-28 Friday	12:30	124°	+18°	0 dB	0°	124°	+18°	184°	-7°	2.6dB	243°K	389168	+285 Hz
2026-08-28 Friday	13:00	130°	+22°	0 dB	0°	130°	+22°	191°	-7°	2.6dB	243°K	389092	+260 Hz
2026-08-28 Friday	13:30	137°	+26°	0 dB	0°	137°	+26°	198°	-7°	2.6dB	243°K	389017	+232 Hz
2026-08-28 Friday	14:00	144°	+30°	0 dB	0°	144°	+30°	206°	-7°	2.6dB	243°K	388942	+201 Hz
2026-08-28 Friday	14:30	152°	+32°	0 dB	0°	152°	+32°	213°	-7°	2.6dB	243°K	388866	+166 Hz
2026-08-28 Friday	15:00	161°	+34°	0 dB	0°	161°	+34°	220°	-7°	2.6dB	243°K	388791	+130 Hz
2026-08-28 Friday	15:30	169°	+36°	0 dB	0°	169°	+36°	227°	-7°	2.6dB	243°K	388716	+92 Hz
2026-08-28 Friday	16:00	178°	+37°	0 dB	0°	178°	+37°	235°	-6°	2.6dB	243°K	388641	+53 Hz
2026-08-28 Friday	16:30	187°	+36°	0 dB	0°	187°	+36°	242°	-6°	2.6dB	243°K	388566	+14 Hz
2026-08-28 Friday	17:00	196°	+36°	0 dB	0°	196°	+36°	249°	-6°	2.6dB	243°K	388491	-24 Hz
2026-08-28 Friday	17:30	205°	+34°	0 dB	0°	205°	+34°	257°	-6°	2.6dB	243°K	388416	-61 Hz
2026-08-28 Friday	18:00	213°	+32°	0 dB	0°	213°	+32°	264°	-6°	2.6dB	243°K	388341	-97 Hz
2026-08-28 Friday	18:30	221°	+29°	0 dB	0°	221°	+29°	271°	-6°	2.6dB	243°K	388266	-129 Hz
2026-08-28 Friday	19:00	228°	+25°	0 dB	0°	228°	+25°	278°	-6°	2.6dB	243°K	388191	-159 Hz
2026-08-28 Friday	19:30	235°	+21°	0 dB	0°	235°	+21°	286°	-6°	2.6dB	243°K	388116	-186 Hz
2026-08-28 Friday	20:00	241°	+17°	0 dB	0°	241°	+17°	293°	-5°	2.6dB	243°K	388041	-208 Hz
2026-08-28 Friday	20:30	247°	+13°	0 dB	0°	247°	+13°	300°	-5°	2.6dB	243°K	387967	-226 Hz
2026-08-28 Friday	21:00	253°	+8°	0 dB	0°	253°	+8°	307°	-5°	2.6dB	243°K	387892	-239 Hz
2026-08-28 Friday	21:30	258°	+3°	0 dB	0°	258°	+3°	315°	-5°	2.6dB	243°K	387817	-248 Hz
2026-08-29 Saturday	11:00	095°	+2°	0 dB	0°	095°	+2°	151°	-2°	2.4dB	239°K	385828	+343 Hz
2026-08-29 Saturday	11:30	100°	+7°	0 dB	0°	100°	+7°	159°	-1°	2.4dB	239°K	385756	+338 Hz
2026-08-29 Saturday	12:00	106°	+12°	0 dB	0°	106°	+12°	166°	-1°	2.4dB	239°K	385683	+329 Hz
2026-08-29 Saturday	12:30	111°	+17°	0 dB	0°	111°	+17°	173°	-1°	2.4dB	239°K	385611	+315 Hz
2026-08-29 Saturday	13:00	117°	+21°	0 dB	0°	117°	+21°	180°	-1°	2.4dB	239°K	385539	+296 Hz
2026-08-29 Saturday	13:30	123°	+26°	0 dB	0°	123°	+26°	188°	-1°	2.4dB	239°K	385466	+273 Hz
2026-08-29 Saturday	14:00	130°	+30°	0 dB	0°	130°	+30°	195°	-1°	2.4dB	239°K	385394	+246 Hz
2026-08-29 Saturday	14:30	138°	+34°	0 dB	0°	138°	+34°	202°	-1°	2.4dB	239°K	385322	+215 Hz
2026-08-29 Saturday	15:00	146°	+37°	0 dB	0°	146°	+37°	210°	-1°	2.4dB	239°K	385250	+182 Hz
2026-08-29 Saturday	15:30	154°	+40°	0 dB	0°	154°	+40°	217°	-0°	2.4dB	239°K	385178	+146 Hz
2026-08-29 Saturday	16:00	164°	+42°	0 dB	0°	164°	+42°	224°	-0°	2.4dB	239°K	385106	+108 Hz
2026-08-29 Saturday	16:30	174°	+43°	0 dB	0°	174°	+43°	231°	-0°	2.4dB	239°K	385035	+69 Hz
2026-08-29 Saturday	17:00	184°	+43°	0 dB	0°	184°	+43°	239°	-0°	2.4dB	239°K	384963	+30 Hz
2026-08-29 Saturday	17:30	194°	+42°	0 dB	0°	194°	+42°	246°	+0°	2.4dB	239°K	384892	-9 Hz
2026-08-29 Saturday	18:00	203°	+41°	0 dB	0°	203°	+41°	253°	+0°	2.4dB	239°K	384820	-48 Hz
2026-08-29 Saturday	18:30	212°	+39°	0 dB	0°	212°	+39°	261°	+0°	2.4dB	239°K	384749	-84 Hz
2026-08-29 Saturday	19:00	221°	+36°	0 dB	0°	221°	+36°	268°	+0°	2.4dB	239°K	384678	-119 Hz
2026-08-29 Saturday	19:30	229°	+32°	0 dB	0°	229°	+32°	275°	+1°	2.4dB	239°K	384607	-150 Hz
2026-08-29 Saturday	20:00	236°	+28°	0 dB	0°	236°	+28°	282°	+1°	2.4dB	239°K	384536	-178 Hz
2026-08-29 Saturday	20:30	243°	+24°	0 dB	0°	243°	+24°	290°	+1°	2.4dB	239°K	384465	-202 Hz
2026-08-29 Saturday	21:00	249°	+20°	0 dB	0°	249°	+20°	297°	+1°	2.4dB	239°K	384394	-223 Hz
2026-08-29 Saturday	21:30	255°	+15°	0 dB	0°	255°	+15°	304°	+1°	2.4dB	239°K	384323	-238 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-08-29 Saturday	22:00	260°	+10°	0 dB	0°	260°	+10°	311°	+1°	2.4dB	239°K	384253	-249 Hz
2026-08-29 Saturday	22:30	266°	+5°	0 dB	0°	266°	+5°	319°	+1°	2.4dB	239°K	384182	-255 Hz
2026-08-29 Saturday	23:00	271°	+0°	0 dB	0°	271°	+0°	326°	+1°	2.4dB	239°K	384112	-256 Hz
2026-08-30 Sunday	11:30	088°	+4°	0 dB	0°	088°	+4°	148°	+5°	2.5dB	251°K	382388	+341 Hz
2026-08-30 Sunday	12:00	093°	+9°	0 dB	0°	093°	+9°	155°	+5°	2.5dB	251°K	382321	+338 Hz
2026-08-30 Sunday	12:30	098°	+14°	0 dB	0°	098°	+14°	162°	+5°	2.5dB	252°K	382254	+331 Hz
2026-08-30 Sunday	13:00	104°	+19°	0 dB	0°	104°	+19°	170°	+5°	2.5dB	252°K	382186	+319 Hz
2026-08-30 Sunday	13:30	110°	+24°	0 dB	0°	110°	+24°	177°	+5°	2.5dB	253°K	382119	+302 Hz
2026-08-30 Sunday	14:00	116°	+29°	0 dB	0°	116°	+29°	184°	+5°	2.5dB	254°K	382052	+281 Hz
2026-08-30 Sunday	14:30	123°	+33°	0 dB	0°	123°	+33°	192°	+6°	2.5dB	254°K	381986	+256 Hz
2026-08-30 Sunday	15:00	130°	+38°	0 dB	0°	130°	+38°	199°	+6°	2.5dB	255°K	381919	+227 Hz
2026-08-30 Sunday	15:30	138°	+41°	0 dB	0°	138°	+41°	206°	+6°	2.5dB	255°K	381852	+194 Hz
2026-08-30 Sunday	16:00	147°	+45°	0 dB	0°	147°	+45°	213°	+6°	2.5dB	256°K	381786	+160 Hz
2026-08-30 Sunday	16:30	157°	+47°	0 dB	0°	157°	+47°	221°	+6°	2.5dB	256°K	381719	+123 Hz
2026-08-30 Sunday	17:00	168°	+49°	0 dB	0°	168°	+49°	228°	+6°	2.5dB	257°K	381653	+84 Hz
2026-08-30 Sunday	17:30	179°	+49°	0 dB	0°	179°	+49°	235°	+6°	2.5dB	258°K	381587	+45 Hz
2026-08-30 Sunday	18:00	190°	+49°	0 dB	0°	190°	+49°	242°	+6°	2.5dB	258°K	381521	+6 Hz
2026-08-30 Sunday	18:30	201°	+48°	0 dB	0°	201°	+48°	250°	+7°	2.5dB	259°K	381455	-33 Hz
2026-08-30 Sunday	19:00	211°	+46°	0 dB	0°	211°	+46°	257°	+7°	2.5dB	259°K	381390	-70 Hz
2026-08-30 Sunday	19:30	220°	+43°	0 dB	0°	220°	+43°	264°	+7°	2.5dB	260°K	381324	-105 Hz
2026-08-30 Sunday	20:00	229°	+40°	0 dB	0°	229°	+40°	272°	+7°	2.5dB	261°K	381259	-138 Hz
2026-08-30 Sunday	20:30	237°	+36°	0 dB	0°	237°	+36°	279°	+7°	2.5dB	261°K	381193	-168 Hz
2026-08-30 Sunday	21:00	244°	+31°	0 dB	0°	244°	+31°	286°	+7°	2.6dB	262°K	381128	-194 Hz
2026-08-30 Sunday	21:30	250°	+27°	0 dB	0°	250°	+27°	293°	+7°	2.5dB	262°K	381063	-215 Hz
2026-08-30 Sunday	22:00	256°	+22°	0 dB	0°	256°	+22°	301°	+7°	2.6dB	263°K	380998	-233 Hz
2026-08-30 Sunday	22:30	262°	+17°	0 dB	0°	262°	+17°	308°	+8°	2.6dB	263°K	380933	-246 Hz
2026-08-30 Sunday	23:00	267°	+12°	0 dB	0°	267°	+12°	315°	+8°	2.6dB	264°K	380869	-254 Hz
2026-08-30 Sunday	23:30	273°	+7°	0 dB	0°	273°	+7°	322°	+8°	2.6dB	265°K	380804	-258 Hz
2026-08-31 Monday	00:00	278°	+2°	0 dB	0°	278°	+2°	330°	+8°	2.6dB	265°K	380740	-256 Hz
2026-08-31 Monday	11:30	076°	+1°	0 dB	0°	076°	+1°	137°	+11°	2.7dB	279°K	379295	+328 Hz
2026-08-31 Monday	12:00	081°	+6°	0 dB	0°	081°	+6°	144°	+11°	2.7dB	279°K	379234	+333 Hz
2026-08-31 Monday	12:30	086°	+11°	0 dB	0°	086°	+11°	151°	+11°	2.7dB	280°K	379173	+332 Hz
2026-08-31 Monday	13:00	091°	+16°	0 dB	0°	091°	+16°	159°	+11°	2.7dB	281°K	379112	+328 Hz
2026-08-31 Monday	13:30	096°	+21°	0 dB	0°	096°	+21°	166°	+11°	2.7dB	281°K	379051	+318 Hz
2026-08-31 Monday	14:00	102°	+26°	0 dB	0°	102°	+26°	173°	+11°	2.7dB	282°K	378990	+304 Hz
2026-08-31 Monday	14:30	108°	+31°	0 dB	0°	108°	+31°	180°	+12°	2.7dB	282°K	378930	+285 Hz
2026-08-31 Monday	15:00	114°	+36°	0 dB	0°	114°	+36°	188°	+12°	2.7dB	283°K	378869	+262 Hz
2026-08-31 Monday	15:30	121°	+40°	0 dB	0°	121°	+40°	195°	+12°	2.7dB	284°K	378809	+235 Hz
2026-08-31 Monday	16:00	129°	+45°	0 dB	0°	129°	+45°	202°	+12°	2.7dB	284°K	378749	+205 Hz
2026-08-31 Monday	16:30	138°	+48°	0 dB	0°	138°	+48°	209°	+12°	2.7dB	285°K	378689	+172 Hz
2026-08-31 Monday	17:00	148°	+52°	0 dB	0°	148°	+52°	217°	+12°	2.7dB	285°K	378629	+137 Hz
2026-08-31 Monday	17:30	159°	+54°	0 dB	0°	159°	+54°	224°	+12°	2.7dB	286°K	378569	+100 Hz
2026-08-31 Monday	18:00	171°	+55°	0 dB	0°	171°	+55°	231°	+12°	2.8dB	287°K	378510	+62 Hz
2026-08-31 Monday	18:30	184°	+56°	0 dB	0°	184°	+56°	238°	+13°	2.8dB	287°K	378450	+23 Hz
2026-08-31 Monday	19:00	197°	+55°	0 dB	0°	197°	+55°	246°	+13°	2.8dB	288°K	378391	-15 Hz
2026-08-31 Monday	19:30	209°	+53°	0 dB	0°	209°	+53°	253°	+13°	2.8dB	288°K	378332	-52 Hz
2026-08-31 Monday	20:00	219°	+50°	0 dB	0°	219°	+50°	260°	+13°	2.8dB	289°K	378273	-88 Hz
2026-08-31 Monday	20:30	229°	+47°	0 dB	0°	229°	+47°	267°	+13°	2.8dB	290°K	378214	-122 Hz
2026-08-31 Monday	21:00	237°	+43°	0 dB	0°	237°	+43°	275°	+13°	2.8dB	290°K	378155	-152 Hz
2026-08-31 Monday	21:30	245°	+39°	0 dB	0°	245°	+39°	282°	+13°	2.8dB	291°K	378097	-180 Hz
2026-08-31 Monday	22:00	252°	+34°	0 dB	0°	252°	+34°	289°	+13°	2.8dB	291°K	378038	-204 Hz
2026-08-31 Monday	22:30	258°	+29°	0 dB	0°	258°	+29°	296°	+14°	2.8dB	292°K	377980	-223 Hz
2026-08-31 Monday	23:00	263°	+24°	0 dB	0°	263°	+24°	304°	+14°	2.8dB	293°K	377922	-238 Hz
2026-08-31 Monday	23:30	269°	+19°	0 dB	0°	269°	+19°	311°	+14°	2.8dB	293°K	377864	-249 Hz
2026-09-01 Tuesday	00:00	274°	+14°	0 dB	0°	274°	+14°	318°	+14°	2.8dB	294°K	377806	-255 Hz
2026-09-01 Tuesday	00:30	279°	+9°	0 dB	0°	279°	+9°	326°	+14°	2.8dB	295°K	377748	-256 Hz
2026-09-01 Tuesday	01:00	285°	+5°	0 dB	0°	285°	+5°	333°	+14°	2.8dB	295°K	377690	-253 Hz
2026-09-01 Tuesday	01:30	290°	-0°	0 dB	0°	290°	-0°	340°	+14°	2.8dB	296°K	377633	-245 Hz
2026-09-01 Tuesday	12:00	069°	+2°	0 dB	0°	069°	+2°	132°	+17°	2.8dB	302°K	376458	+312 Hz
2026-09-01 Tuesday	12:30	074°	+7°	0 dB	0°	074°	+7°	140°	+17°	2.8dB	302°K	376404	+319 Hz
2026-09-01 Tuesday	13:00	079°	+12°	0 dB	0°	079°	+12°	147°	+17°	2.9dB	303°K	376349	+322 Hz
2026-09-01 Tuesday	13:30	084°	+17°	0 dB	0°	084°	+17°	154°	+17°	2.9dB	303°K	376295	+320 Hz
2026-09-01 Tuesday	14:00	089°	+22°	0 dB	0°	089°	+22°	161°	+17°	2.8dB	303°K	376241	+313 Hz
2026-09-01 Tuesday	14:30	094°	+27°	0 dB	0°	094°	+27°	168°	+17°	2.9dB	304°K	376188	+302 Hz
2026-09-01 Tuesday	15:00	099°	+32°	0 dB	0°	099°	+32°	176°	+17°	2.9dB	304°K	376134	+286 Hz
2026-09-01 Tuesday	15:30	105°	+37°	0 dB	0°	105°	+37°	183°	+17°	2.9dB	306°K	376080	+267 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-01 Tuesday	16:00	112°	+42°	0 dB	0°	112°	+42°	190°	+18°	2.9dB	308°K	376027	+243 Hz
2026-09-01 Tuesday	16:30	119°	+47°	0 dB	0°	119°	+47°	197°	+18°	2.9dB	309°K	375974	+216 Hz
2026-09-01 Tuesday	17:00	127°	+51°	0 dB	0°	127°	+51°	205°	+18°	2.9dB	311°K	375921	+185 Hz
2026-09-01 Tuesday	17:30	137°	+55°	0 dB	0°	137°	+55°	212°	+18°	2.9dB	312°K	375868	+152 Hz
2026-09-01 Tuesday	18:00	148°	+58°	0 dB	0°	148°	+58°	219°	+18°	3.0dB	314°K	375815	+117 Hz
2026-09-01 Tuesday	18:30	161°	+60°	0 dB	0°	161°	+60°	226°	+18°	3.0dB	316°K	375762	+81 Hz
2026-09-01 Tuesday	19:00	175°	+61°	0 dB	0°	175°	+61°	234°	+18°	3.0dB	317°K	375709	+43 Hz
2026-09-01 Tuesday	19:30	190°	+61°	0 dB	0°	190°	+61°	241°	+18°	3.0dB	319°K	375657	+6 Hz
2026-09-01 Tuesday	20:00	204°	+60°	0 dB	0°	204°	+60°	248°	+18°	3.0dB	320°K	375605	-31 Hz
2026-09-01 Tuesday	20:30	216°	+58°	0 dB	0°	216°	+58°	255°	+18°	3.0dB	322°K	375553	-67 Hz
2026-09-01 Tuesday	21:00	227°	+54°	0 dB	0°	227°	+54°	263°	+19°	3.1dB	324°K	375501	-101 Hz
2026-09-01 Tuesday	21:30	237°	+50°	0 dB	0°	237°	+50°	270°	+19°	3.1dB	325°K	375449	-132 Hz
2026-09-01 Tuesday	22:00	245°	+46°	0 dB	0°	245°	+46°	277°	+19°	3.1dB	327°K	375397	-161 Hz
2026-09-01 Tuesday	22:30	252°	+41°	0 dB	0°	252°	+41°	284°	+19°	3.1dB	329°K	375346	-187 Hz
2026-09-01 Tuesday	23:00	258°	+36°	0 dB	0°	258°	+36°	292°	+19°	3.1dB	330°K	375294	-208 Hz
2026-09-01 Tuesday	23:30	264°	+32°	0 dB	0°	264°	+32°	299°	+19°	3.1dB	332°K	375243	-226 Hz
2026-09-02 Wednesday	00:00	270°	+27°	0 dB	0°	270°	+27°	306°	+19°	3.2dB	334°K	375192	-239 Hz
2026-09-02 Wednesday	00:30	275°	+22°	0 dB	0°	275°	+22°	313°	+19°	3.2dB	335°K	375141	-248 Hz
2026-09-02 Wednesday	01:00	280°	+17°	0 dB	0°	280°	+17°	321°	+19°	3.2dB	337°K	375090	-252 Hz
2026-09-02 Wednesday	01:30	285°	+12°	0 dB	0°	285°	+12°	328°	+20°	3.2dB	339°K	375039	-252 Hz
2026-09-02 Wednesday	02:00	290°	+7°	0 dB	0°	290°	+7°	335°	+20°	3.2dB	340°K	374989	-248 Hz
2026-09-02 Wednesday	02:30	295°	+3°	0 dB	0°	295°	+3°	342°	+20°	3.2dB	342°K	374938	-238 Hz
2026-09-02 Wednesday	12:30	062°	+2°	0 dB	0°	062°	+2°	127°	+22°	3.4dB	362°K	373961	+291 Hz
2026-09-02 Wednesday	13:00	066°	+7°	0 dB	0°	066°	+7°	134°	+22°	3.4dB	362°K	373914	+301 Hz
2026-09-02 Wednesday	13:30	071°	+11°	0 dB	0°	071°	+11°	141°	+22°	3.4dB	363°K	373866	+307 Hz
2026-09-02 Wednesday	14:00	076°	+16°	0 dB	0°	076°	+16°	149°	+22°	3.4dB	364°K	373819	+308 Hz
2026-09-02 Wednesday	14:30	081°	+21°	0 dB	0°	081°	+21°	156°	+22°	3.4dB	365°K	373773	+305 Hz
2026-09-02 Wednesday	15:00	086°	+26°	0 dB	0°	086°	+26°	163°	+22°	3.4dB	366°K	373726	+298 Hz
2026-09-02 Wednesday	15:30	091°	+31°	0 dB	0°	091°	+31°	170°	+22°	3.4dB	367°K	373679	+286 Hz
2026-09-02 Wednesday	16:00	096°	+37°	0 dB	0°	096°	+37°	177°	+22°	3.4dB	368°K	373633	+270 Hz
2026-09-02 Wednesday	16:30	102°	+42°	0 dB	0°	102°	+42°	185°	+22°	3.4dB	368°K	373586	+250 Hz
2026-09-02 Wednesday	17:00	108°	+47°	0 dB	0°	108°	+47°	192°	+22°	3.4dB	369°K	373540	+226 Hz
2026-09-02 Wednesday	17:30	116°	+51°	0 dB	0°	116°	+51°	199°	+23°	3.4dB	368°K	373494	+199 Hz
2026-09-02 Wednesday	18:00	124°	+56°	0 dB	0°	124°	+56°	206°	+23°	3.4dB	367°K	373449	+169 Hz
2026-09-02 Wednesday	18:30	135°	+60°	0 dB	0°	135°	+60°	213°	+23°	3.4dB	367°K	373403	+136 Hz
2026-09-02 Wednesday	19:00	147°	+63°	0 dB	0°	147°	+63°	221°	+23°	3.4dB	366°K	373357	+102 Hz
2026-09-02 Wednesday	19:30	162°	+65°	0 dB	0°	162°	+65°	228°	+23°	3.4dB	365°K	373312	+67 Hz
2026-09-02 Wednesday	20:00	178°	+66°	0 dB	0°	178°	+66°	235°	+23°	3.4dB	364°K	373267	+31 Hz
2026-09-02 Wednesday	20:30	195°	+66°	0 dB	0°	195°	+66°	242°	+23°	3.4dB	363°K	373222	-6 Hz
2026-09-02 Wednesday	21:00	210°	+64°	0 dB	0°	210°	+64°	250°	+23°	3.4dB	362°K	373177	-41 Hz
2026-09-02 Wednesday	21:30	223°	+61°	0 dB	0°	223°	+61°	257°	+23°	3.3dB	361°K	373132	-75 Hz
2026-09-02 Wednesday	22:00	234°	+57°	0 dB	0°	234°	+57°	264°	+23°	3.3dB	360°K	373087	-108 Hz
2026-09-02 Wednesday	22:30	243°	+53°	0 dB	0°	243°	+53°	271°	+23°	3.3dB	360°K	373043	-138 Hz
2026-09-02 Wednesday	23:00	251°	+48°	0 dB	0°	251°	+48°	278°	+23°	3.3dB	359°K	372999	-165 Hz
2026-09-02 Wednesday	23:30	258°	+44°	0 dB	0°	258°	+44°	286°	+24°	3.3dB	358°K	372955	-189 Hz
2026-09-03 Thursday	00:00	264°	+39°	0 dB	0°	264°	+39°	293°	+24°	3.3dB	357°K	372911	-209 Hz
2026-09-03 Thursday	00:30	269°	+34°	0 dB	0°	269°	+34°	300°	+24°	3.3dB	356°K	372867	-226 Hz
2026-09-03 Thursday	01:00	274°	+29°	0 dB	0°	274°	+29°	307°	+24°	3.3dB	355°K	372823	-238 Hz
2026-09-03 Thursday	01:30	279°	+24°	0 dB	0°	279°	+24°	315°	+24°	3.3dB	354°K	372780	-246 Hz
2026-09-03 Thursday	02:00	284°	+19°	0 dB	0°	284°	+19°	322°	+24°	3.2dB	353°K	372736	-249 Hz
2026-09-03 Thursday	02:30	289°	+14°	0 dB	0°	289°	+14°	329°	+24°	3.2dB	352°K	372693	-248 Hz
2026-09-03 Thursday	03:00	294°	+10°	0 dB	0°	294°	+10°	336°	+24°	3.2dB	352°K	372650	-243 Hz
2026-09-03 Thursday	03:30	299°	+5°	0 dB	0°	299°	+5°	343°	+24°	3.2dB	351°K	372607	-234 Hz
2026-09-03 Thursday	04:00	304°	+1°	0 dB	0°	304°	+1°	351°	+24°	3.2dB	350°K	372564	-220 Hz
2026-09-03 Thursday	13:00	055°	+1°	0 dB	0°	055°	+1°	120°	+25°	3.3dB	362°K	371823	+266 Hz
2026-09-03 Thursday	13:30	059°	+5°	0 dB	0°	059°	+5°	128°	+26°	3.3dB	362°K	371783	+279 Hz
2026-09-03 Thursday	14:00	064°	+10°	0 dB	0°	064°	+10°	135°	+26°	3.3dB	363°K	371744	+288 Hz
2026-09-03 Thursday	14:30	069°	+15°	0 dB	0°	069°	+15°	142°	+26°	3.3dB	364°K	371705	+293 Hz
2026-09-03 Thursday	15:00	074°	+19°	0 dB	0°	074°	+19°	149°	+26°	3.3dB	365°K	371665	+294 Hz
2026-09-03 Thursday	15:30	078°	+24°	0 dB	0°	078°	+24°	156°	+26°	3.3dB	366°K	371626	+291 Hz
2026-09-03 Thursday	16:00	083°	+29°	0 dB	0°	083°	+29°	164°	+26°	3.3dB	367°K	371588	+284 Hz
2026-09-03 Thursday	16:30	088°	+34°	0 dB	0°	088°	+34°	171°	+26°	3.3dB	368°K	371549	+272 Hz
2026-09-03 Thursday	17:00	093°	+39°	0 dB	0°	093°	+39°	178°	+26°	3.4dB	369°K	371511	+256 Hz
2026-09-03 Thursday	17:30	099°	+44°	0 dB	0°	099°	+44°	185°	+26°	3.4dB	370°K	371472	+236 Hz
2026-09-03 Thursday	18:00	105°	+49°	0 dB	0°	105°	+49°	192°	+26°	3.4dB	371°K	371434	+213 Hz
2026-09-03 Thursday	18:30	112°	+54°	0 dB	0°	112°	+54°	200°	+26°	3.4dB	373°K	371396	+186 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-03 Thursday	19:00	121°	+59°	0 dB	0°	121°	+59°	207°	+26°	3.4dB	374°K	371359	+157 Hz
2026-09-03 Thursday	19:30	131°	+63°	0 dB	0°	131°	+63°	214°	+26°	3.4dB	375°K	371321	+126 Hz
2026-09-03 Thursday	20:00	144°	+66°	0 dB	0°	144°	+66°	221°	+26°	3.4dB	377°K	371284	+93 Hz
2026-09-03 Thursday	20:30	160°	+69°	0 dB	0°	160°	+69°	228°	+26°	3.4dB	378°K	371247	+58 Hz
2026-09-03 Thursday	21:00	179°	+70°	0 dB	0°	179°	+70°	236°	+26°	3.4dB	379°K	371210	+23 Hz
2026-09-03 Thursday	21:30	197°	+69°	0 dB	0°	197°	+69°	243°	+26°	3.4dB	380°K	371173	-12 Hz
2026-09-03 Thursday	22:00	214°	+67°	0 dB	0°	214°	+67°	250°	+26°	3.5dB	382°K	371136	-46 Hz
2026-09-03 Thursday	22:30	228°	+64°	0 dB	0°	228°	+64°	257°	+27°	3.5dB	383°K	371100	-79 Hz
2026-09-03 Thursday	23:00	239°	+60°	0 dB	0°	239°	+60°	264°	+27°	3.5dB	384°K	371063	-111 Hz
2026-09-03 Thursday	23:30	248°	+55°	0 dB	0°	248°	+55°	272°	+27°	3.5dB	386°K	371027	-140 Hz
2026-09-04 Friday	00:00	255°	+50°	0 dB	0°	255°	+50°	279°	+27°	3.5dB	387°K	370991	-166 Hz
2026-09-04 Friday	00:30	261°	+46°	0 dB	0°	261°	+46°	286°	+27°	3.5dB	388°K	370956	-190 Hz
2026-09-04 Friday	01:00	267°	+41°	0 dB	0°	267°	+41°	293°	+27°	3.5dB	390°K	370920	-209 Hz
2026-09-04 Friday	01:30	272°	+36°	0 dB	0°	272°	+36°	300°	+27°	3.5dB	391°K	370885	-225 Hz
2026-09-04 Friday	02:00	277°	+31°	0 dB	0°	277°	+31°	308°	+27°	3.5dB	392°K	370849	-237 Hz
2026-09-04 Friday	02:30	282°	+26°	0 dB	0°	282°	+26°	315°	+27°	3.6dB	394°K	370814	-245 Hz
2026-09-04 Friday	03:00	287°	+21°	0 dB	0°	287°	+21°	322°	+27°	3.6dB	395°K	370780	-248 Hz
2026-09-04 Friday	03:30	291°	+16°	0 dB	0°	291°	+16°	329°	+27°	3.6dB	396°K	370745	-247 Hz
2026-09-04 Friday	04:00	296°	+12°	0 dB	0°	296°	+12°	336°	+27°	3.6dB	398°K	370711	-242 Hz
2026-09-04 Friday	04:30	301°	+7°	0 dB	0°	301°	+7°	344°	+27°	3.6dB	399°K	370676	-233 Hz
2026-09-04 Friday	05:00	306°	+3°	0 dB	0°	306°	+3°	351°	+27°	3.6dB	400°K	370642	-220 Hz
2026-09-04 Friday	14:00	053°	+3°	0 dB	0°	053°	+3°	120°	+28°	3.8dB	428°K	370063	+254 Hz
2026-09-04 Friday	14:30	058°	+7°	0 dB	0°	058°	+7°	127°	+28°	3.9dB	429°K	370033	+267 Hz
2026-09-04 Friday	15:00	063°	+11°	0 dB	0°	063°	+11°	135°	+28°	3.9dB	431°K	370003	+276 Hz
2026-09-04 Friday	15:30	067°	+16°	0 dB	0°	067°	+16°	142°	+28°	3.9dB	432°K	369973	+282 Hz
2026-09-04 Friday	16:00	072°	+21°	0 dB	0°	072°	+21°	149°	+28°	3.9dB	434°K	369943	+283 Hz
2026-09-04 Friday	16:30	076°	+25°	0 dB	0°	076°	+25°	156°	+28°	3.9dB	436°K	369914	+280 Hz
2026-09-04 Friday	17:00	081°	+30°	0 dB	0°	081°	+30°	163°	+28°	3.9dB	439°K	369885	+273 Hz
2026-09-04 Friday	17:30	086°	+35°	0 dB	0°	086°	+35°	170°	+28°	4.0dB	442°K	369856	+261 Hz
2026-09-04 Friday	18:00	091°	+40°	0 dB	0°	091°	+40°	178°	+28°	4.0dB	445°K	369827	+246 Hz
2026-09-04 Friday	18:30	096°	+45°	0 dB	0°	096°	+45°	185°	+28°	4.0dB	448°K	369798	+227 Hz
2026-09-04 Friday	19:00	102°	+50°	0 dB	0°	102°	+50°	192°	+28°	4.0dB	451°K	369770	+204 Hz
2026-09-04 Friday	19:30	109°	+55°	0 dB	0°	109°	+55°	199°	+28°	4.1dB	454°K	369742	+179 Hz
2026-09-04 Friday	20:00	118°	+60°	0 dB	0°	118°	+60°	206°	+28°	4.1dB	457°K	369714	+150 Hz
2026-09-04 Friday	20:30	128°	+64°	0 dB	0°	128°	+64°	214°	+28°	4.1dB	460°K	369686	+120 Hz
2026-09-04 Friday	21:00	141°	+68°	0 dB	0°	141°	+68°	221°	+28°	4.1dB	463°K	369659	+87 Hz
2026-09-04 Friday	21:30	158°	+70°	0 dB	0°	158°	+70°	228°	+28°	4.1dB	465°K	369632	+53 Hz
2026-09-04 Friday	22:00	177°	+71°	0 dB	0°	177°	+71°	235°	+28°	4.2dB	468°K	369605	+19 Hz
2026-09-04 Friday	22:30	197°	+71°	0 dB	0°	197°	+71°	242°	+28°	4.2dB	471°K	369578	-16 Hz
2026-09-04 Friday	23:00	215°	+69°	0 dB	0°	215°	+69°	250°	+28°	4.2dB	474°K	369551	-49 Hz
2026-09-04 Friday	23:30	229°	+65°	0 dB	0°	229°	+65°	257°	+28°	4.2dB	477°K	369525	-82 Hz
2026-09-05 Saturday	00:00	240°	+61°	0 dB	0°	240°	+61°	264°	+28°	4.3dB	480°K	369499	-113 Hz
2026-09-05 Saturday	00:30	249°	+57°	0 dB	0°	249°	+57°	271°	+28°	4.3dB	483°K	369473	-142 Hz
2026-09-05 Saturday	01:00	256°	+52°	0 dB	0°	256°	+52°	278°	+28°	4.3dB	486°K	369448	-169 Hz
2026-09-05 Saturday	01:30	262°	+47°	0 dB	0°	262°	+47°	285°	+28°	4.3dB	489°K	369422	-192 Hz
2026-09-05 Saturday	02:00	268°	+42°	0 dB	0°	268°	+42°	293°	+28°	4.3dB	492°K	369397	-212 Hz
2026-09-05 Saturday	02:30	273°	+37°	0 dB	0°	273°	+37°	300°	+28°	4.4dB	495°K	369372	-228 Hz
2026-09-05 Saturday	03:00	278°	+32°	0 dB	0°	278°	+32°	307°	+28°	4.4dB	498°K	369347	-240 Hz
2026-09-05 Saturday	03:30	283°	+27°	0 dB	0°	283°	+27°	314°	+28°	4.4dB	500°K	369323	-248 Hz
2026-09-05 Saturday	04:00	287°	+22°	0 dB	0°	287°	+22°	321°	+28°	4.4dB	500°K	369299	-252 Hz
2026-09-05 Saturday	04:30	292°	+17°	0 dB	0°	292°	+17°	329°	+28°	4.4dB	500°K	369275	-252 Hz
2026-09-05 Saturday	05:00	296°	+13°	0 dB	0°	296°	+13°	336°	+28°	4.4dB	500°K	369251	-247 Hz
2026-09-05 Saturday	05:30	301°	+8°	0 dB	0°	301°	+8°	343°	+28°	4.4dB	500°K	369228	-239 Hz
2026-09-05 Saturday	06:00	306°	+4°	0 dB	0°	306°	+4°	350°	+28°	4.4dB	500°K	369204	-227 Hz
2026-09-05 Saturday	06:30	311°	+0°	0 dB	0°	311°	+0°	357°	+28°	4.4dB	500°K	369181	-211 Hz
2026-09-05 Saturday	15:00	052°	+3°	0 dB	0°	052°	+3°	119°	+28°	4.4dB	496°K	368829	+243 Hz
2026-09-05 Saturday	15:30	057°	+7°	0 dB	0°	057°	+7°	127°	+28°	4.3dB	492°K	368811	+257 Hz
2026-09-05 Saturday	16:00	062°	+11°	0 dB	0°	062°	+11°	134°	+28°	4.3dB	488°K	368793	+267 Hz
2026-09-05 Saturday	16:30	067°	+16°	0 dB	0°	067°	+16°	141°	+28°	4.3dB	484°K	368775	+273 Hz
2026-09-05 Saturday	17:00	071°	+20°	0 dB	0°	071°	+20°	148°	+28°	4.2dB	481°K	368758	+274 Hz
2026-09-05 Saturday	17:30	076°	+25°	0 dB	0°	076°	+25°	155°	+28°	4.2dB	477°K	368740	+272 Hz
2026-09-05 Saturday	18:00	080°	+30°	0 dB	0°	080°	+30°	163°	+28°	4.2dB	473°K	368723	+265 Hz
2026-09-05 Saturday	18:30	085°	+35°	0 dB	0°	085°	+35°	170°	+28°	4.1dB	469°K	368707	+255 Hz
2026-09-05 Saturday	19:00	090°	+40°	0 dB	0°	090°	+40°	177°	+28°	4.1dB	465°K	368690	+240 Hz
2026-09-05 Saturday	19:30	096°	+45°	0 dB	0°	096°	+45°	184°	+28°	4.1dB	461°K	368674	+222 Hz
2026-09-05 Saturday	20:00	102°	+50°	0 dB	0°	102°	+50°	191°	+28°	4.0dB	457°K	368658	+199 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-05 Saturday	20:30	109°	+55°	0 dB	0°	109°	+55°	198°	+28°	4.0dB	453°K	368643	+174 Hz
2026-09-05 Saturday	21:00	117°	+59°	0 dB	0°	117°	+59°	206°	+28°	4.0dB	449°K	368627	+146 Hz
2026-09-05 Saturday	21:30	127°	+64°	0 dB	0°	127°	+64°	213°	+28°	3.9dB	446°K	368612	+115 Hz
2026-09-05 Saturday	22:00	140°	+67°	0 dB	0°	140°	+67°	220°	+28°	3.9dB	442°K	368597	+83 Hz
2026-09-05 Saturday	22:30	156°	+70°	0 dB	0°	156°	+70°	227°	+28°	3.9dB	438°K	368583	+49 Hz
2026-09-05 Saturday	23:00	175°	+71°	0 dB	0°	175°	+71°	234°	+28°	3.8dB	434°K	368569	+15 Hz
2026-09-05 Saturday	23:30	195°	+71°	0 dB	0°	195°	+71°	242°	+28°	3.8dB	430°K	368555	-20 Hz
2026-09-06 Sunday	00:00	213°	+69°	0 dB	0°	213°	+69°	249°	+28°	3.8dB	426°K	368541	-54 Hz
2026-09-06 Sunday	00:30	227°	+65°	0 dB	0°	227°	+65°	256°	+28°	3.7dB	422°K	368528	-87 Hz
2026-09-06 Sunday	01:00	238°	+61°	0 dB	0°	238°	+61°	263°	+28°	3.7dB	418°K	368515	-119 Hz
2026-09-06 Sunday	01:30	247°	+57°	0 dB	0°	247°	+57°	270°	+28°	3.6dB	414°K	368502	-148 Hz
2026-09-06 Sunday	02:00	255°	+52°	0 dB	0°	255°	+52°	278°	+27°	3.6dB	412°K	368490	-175 Hz
2026-09-06 Sunday	02:30	261°	+47°	0 dB	0°	261°	+47°	285°	+27°	3.6dB	410°K	368478	-199 Hz
2026-09-06 Sunday	03:00	267°	+42°	0 dB	0°	267°	+42°	292°	+27°	3.6dB	408°K	368466	-220 Hz
2026-09-06 Sunday	03:30	272°	+37°	0 dB	0°	272°	+37°	299°	+27°	3.6dB	406°K	368454	-236 Hz
2026-09-06 Sunday	04:00	277°	+32°	0 dB	0°	277°	+32°	306°	+27°	3.5dB	404°K	368443	-249 Hz
2026-09-06 Sunday	04:30	282°	+27°	0 dB	0°	282°	+27°	313°	+27°	3.5dB	402°K	368432	-258 Hz
2026-09-06 Sunday	05:00	286°	+22°	0 dB	0°	286°	+22°	321°	+27°	3.5dB	400°K	368422	-263 Hz
2026-09-06 Sunday	05:30	291°	+17°	0 dB	0°	291°	+17°	328°	+27°	3.5dB	398°K	368411	-263 Hz
2026-09-06 Sunday	06:00	295°	+13°	0 dB	0°	295°	+13°	335°	+27°	3.5dB	396°K	368401	-259 Hz
2026-09-06 Sunday	06:30	300°	+8°	0 dB	0°	300°	+8°	342°	+27°	3.5dB	394°K	368392	-251 Hz
2026-09-06 Sunday	07:00	305°	+4°	0 dB	0°	305°	+4°	349°	+27°	3.4dB	392°K	368382	-240 Hz
2026-09-06 Sunday	07:30	310°	-0°	0 dB	0°	310°	-0°	357°	+27°	3.4dB	390°K	368373	-224 Hz
2026-09-06 Sunday	16:00	053°	+1°	0 dB	0°	053°	+1°	119°	+26°	3.0dB	352°K	368268	+236 Hz
2026-09-06 Sunday	16:30	058°	+5°	0 dB	0°	058°	+5°	126°	+26°	3.0dB	350°K	368265	+250 Hz
2026-09-06 Sunday	17:00	063°	+9°	0 dB	0°	063°	+9°	133°	+26°	3.0dB	347°K	368262	+260 Hz
2026-09-06 Sunday	17:30	068°	+14°	0 dB	0°	068°	+14°	140°	+26°	2.9dB	344°K	368260	+267 Hz
2026-09-06 Sunday	18:00	072°	+19°	0 dB	0°	072°	+19°	148°	+26°	2.9dB	341°K	368258	+269 Hz
2026-09-06 Sunday	18:30	077°	+23°	0 dB	0°	077°	+23°	155°	+26°	2.9dB	338°K	368256	+267 Hz
2026-09-06 Sunday	19:00	082°	+28°	0 dB	0°	082°	+28°	162°	+26°	2.8dB	335°K	368254	+261 Hz
2026-09-06 Sunday	19:30	087°	+33°	0 dB	0°	087°	+33°	169°	+26°	2.8dB	332°K	368253	+251 Hz
2026-09-06 Sunday	20:00	092°	+38°	0 dB	0°	092°	+38°	176°	+26°	2.8dB	330°K	368252	+236 Hz
2026-09-06 Sunday	20:30	098°	+43°	0 dB	0°	098°	+43°	184°	+26°	2.8dB	327°K	368252	+218 Hz
2026-09-06 Sunday	21:00	104°	+48°	0 dB	0°	104°	+48°	191°	+26°	2.7dB	324°K	368252	+195 Hz
2026-09-06 Sunday	21:30	111°	+53°	0 dB	0°	111°	+53°	198°	+26°	2.7dB	321°K	368252	+170 Hz
2026-09-06 Sunday	22:00	119°	+57°	0 dB	0°	119°	+57°	205°	+26°	2.7dB	318°K	368253	+141 Hz
2026-09-06 Sunday	22:30	129°	+62°	0 dB	0°	129°	+62°	212°	+25°	2.6dB	316°K	368253	+110 Hz
2026-09-06 Sunday	23:00	142°	+65°	0 dB	0°	142°	+65°	220°	+25°	2.6dB	313°K	368255	+77 Hz
2026-09-06 Sunday	23:30	157°	+68°	0 dB	0°	157°	+68°	227°	+25°	2.6dB	310°K	368256	+43 Hz
2026-09-07 Monday	00:00	175°	+69°	0 dB	0°	175°	+69°	234°	+25°	2.5dB	307°K	368258	+8 Hz
2026-09-07 Monday	00:30	193°	+68°	0 dB	0°	193°	+68°	241°	+25°	2.5dB	304°K	368261	-28 Hz
2026-09-07 Monday	01:00	209°	+66°	0 dB	0°	209°	+66°	248°	+25°	2.5dB	301°K	368263	-63 Hz
2026-09-07 Monday	01:30	223°	+63°	0 dB	0°	223°	+63°	256°	+25°	2.4dB	298°K	368267	-97 Hz
2026-09-07 Monday	02:00	234°	+59°	0 dB	0°	234°	+59°	263°	+25°	2.4dB	294°K	368270	-130 Hz
2026-09-07 Monday	02:30	244°	+55°	0 dB	0°	244°	+55°	270°	+25°	2.3dB	291°K	368274	-160 Hz
2026-09-07 Monday	03:00	251°	+50°	0 dB	0°	251°	+50°	277°	+25°	2.3dB	288°K	368278	-188 Hz
2026-09-07 Monday	03:30	258°	+45°	0 dB	0°	258°	+45°	284°	+25°	2.2dB	284°K	368282	-213 Hz
2026-09-07 Monday	04:00	264°	+40°	0 dB	0°	264°	+40°	292°	+25°	2.2dB	281°K	368287	-234 Hz
2026-09-07 Monday	04:30	269°	+35°	0 dB	0°	269°	+35°	299°	+25°	2.2dB	278°K	368293	-252 Hz
2026-09-07 Monday	05:00	274°	+30°	0 dB	0°	274°	+30°	306°	+25°	2.1dB	274°K	368298	-265 Hz
2026-09-07 Monday	05:30	279°	+25°	0 dB	0°	279°	+25°	313°	+25°	2.1dB	271°K	368304	-275 Hz
2026-09-07 Monday	06:00	284°	+20°	0 dB	0°	284°	+20°	320°	+24°	2.0dB	268°K	368311	-280 Hz
2026-09-07 Monday	06:30	288°	+15°	0 dB	0°	288°	+15°	328°	+24°	2.0dB	264°K	368317	-280 Hz
2026-09-07 Monday	07:00	293°	+11°	0 dB	0°	293°	+11°	335°	+24°	1.9dB	261°K	368324	-277 Hz
2026-09-07 Monday	07:30	298°	+6°	0 dB	0°	298°	+6°	342°	+24°	1.9dB	258°K	368332	-269 Hz
2026-09-07 Monday	08:00	303°	+2°	0 dB	0°	303°	+2°	349°	+24°	1.8dB	254°K	368340	-257 Hz
2026-09-07 Monday	17:30	060°	+2°	0 dB	0°	060°	+2°	126°	+23°	1.3dB	215°K	368562	+246 Hz
2026-09-07 Monday	18:00	065°	+7°	0 dB	0°	065°	+7°	133°	+23°	1.3dB	214°K	368577	+257 Hz
2026-09-07 Monday	18:30	070°	+11°	0 dB	0°	070°	+11°	141°	+22°	1.2dB	212°K	368593	+264 Hz
2026-09-07 Monday	19:00	075°	+16°	0 dB	0°	075°	+16°	148°	+22°	1.2dB	211°K	368610	+266 Hz
2026-09-07 Monday	19:30	080°	+21°	0 dB	0°	080°	+21°	155°	+22°	1.2dB	210°K	368627	+264 Hz
2026-09-07 Monday	20:00	085°	+26°	0 dB	0°	085°	+26°	162°	+22°	1.2dB	209°K	368644	+258 Hz
2026-09-07 Monday	20:30	090°	+31°	0 dB	0°	090°	+31°	169°	+22°	1.2dB	208°K	368661	+247 Hz
2026-09-07 Monday	21:00	096°	+36°	0 dB	0°	096°	+36°	177°	+22°	1.2dB	207°K	368679	+232 Hz
2026-09-07 Monday	21:30	102°	+41°	0 dB	0°	102°	+41°	184°	+22°	1.1dB	206°K	368698	+212 Hz
2026-09-07 Monday	22:00	108°	+46°	0 dB	0°	108°	+46°	191°	+22°	1.1dB	205°K	368717	+189 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-07 Monday	22:30	116°	+50°	0 dB	0°	116°	+50°	198°	+22°	1.1dB	204°K	368736	+163 Hz
2026-09-07 Monday	23:00	124°	+55°	0 dB	0°	124°	+55°	205°	+22°	1.1dB	203°K	368755	+133 Hz
2026-09-07 Monday	23:30	135°	+58°	0 dB	0°	135°	+58°	213°	+22°	1.1dB	202°K	368775	+101 Hz
2026-09-08 Tuesday	00:00	147°	+61°	0 dB	0°	147°	+61°	220°	+21°	1.1dB	201°K	368796	+67 Hz
2026-09-08 Tuesday	00:30	161°	+64°	0 dB	0°	161°	+64°	227°	+21°	1.1dB	200°K	368817	+31 Hz
2026-09-08 Tuesday	01:00	176°	+65°	0 dB	0°	176°	+65°	234°	+21°	1.0dB	199°K	368838	-5 Hz
2026-09-08 Tuesday	01:30	192°	+64°	0 dB	0°	192°	+64°	242°	+21°	1.0dB	198°K	368859	-42 Hz
2026-09-08 Tuesday	02:00	207°	+62°	0 dB	0°	207°	+62°	249°	+21°	1.0dB	197°K	368882	-79 Hz
2026-09-08 Tuesday	02:30	220°	+59°	0 dB	0°	220°	+59°	256°	+21°	1.0dB	196°K	368904	-114 Hz
2026-09-08 Tuesday	03:00	230°	+56°	0 dB	0°	230°	+56°	263°	+21°	1.0dB	194°K	368927	-147 Hz
2026-09-08 Tuesday	03:30	239°	+52°	0 dB	0°	239°	+52°	270°	+21°	0.9dB	193°K	368950	-179 Hz
2026-09-08 Tuesday	04:00	247°	+47°	0 dB	0°	247°	+47°	278°	+21°	0.9dB	192°K	368974	-208 Hz
2026-09-08 Tuesday	04:30	254°	+42°	0 dB	0°	254°	+42°	285°	+21°	0.9dB	191°K	368998	-233 Hz
2026-09-08 Tuesday	05:00	260°	+37°	0 dB	0°	260°	+37°	292°	+20°	0.9dB	190°K	369023	-255 Hz
2026-09-08 Tuesday	05:30	266°	+32°	0 dB	0°	266°	+32°	299°	+20°	0.9dB	189°K	369047	-273 Hz
2026-09-08 Tuesday	06:00	271°	+27°	0 dB	0°	271°	+27°	307°	+20°	0.9dB	188°K	369073	-286 Hz
2026-09-08 Tuesday	06:30	276°	+22°	0 dB	0°	276°	+22°	314°	+20°	0.8dB	187°K	369099	-296 Hz
2026-09-08 Tuesday	07:00	281°	+17°	0 dB	0°	281°	+17°	321°	+20°	0.8dB	186°K	369125	-301 Hz
2026-09-08 Tuesday	07:30	286°	+12°	0 dB	0°	286°	+12°	328°	+20°	0.8dB	185°K	369151	-301 Hz
2026-09-08 Tuesday	08:00	290°	+7°	0 dB	0°	290°	+7°	335°	+20°	0.8dB	184°K	369178	-297 Hz
2026-09-08 Tuesday	08:30	295°	+2°	0 dB	0°	295°	+2°	343°	+20°	0.8dB	183°K	369206	-288 Hz
2026-09-08 Tuesday	19:00	070°	+4°	0 dB	0°	070°	+4°	134°	+17°	0.7dB	177°K	369880	+255 Hz
2026-09-08 Tuesday	19:30	075°	+9°	0 dB	0°	075°	+9°	142°	+17°	0.7dB	178°K	369917	+261 Hz
2026-09-08 Tuesday	20:00	080°	+13°	0 dB	0°	080°	+13°	149°	+17°	0.7dB	178°K	369954	+263 Hz
2026-09-08 Tuesday	20:30	085°	+18°	0 dB	0°	085°	+18°	156°	+17°	0.7dB	178°K	369992	+260 Hz
2026-09-08 Tuesday	21:00	090°	+23°	0 dB	0°	090°	+23°	163°	+17°	0.7dB	179°K	370030	+253 Hz
2026-09-08 Tuesday	21:30	096°	+28°	0 dB	0°	096°	+28°	171°	+17°	0.7dB	179°K	370068	+241 Hz
2026-09-08 Tuesday	22:00	101°	+33°	0 dB	0°	101°	+33°	178°	+17°	0.7dB	179°K	370107	+224 Hz
2026-09-08 Tuesday	22:30	108°	+38°	0 dB	0°	108°	+38°	185°	+17°	0.8dB	180°K	370146	+204 Hz
2026-09-08 Tuesday	23:00	115°	+43°	0 dB	0°	115°	+43°	192°	+17°	0.8dB	180°K	370186	+179 Hz
2026-09-08 Tuesday	23:30	122°	+47°	0 dB	0°	122°	+47°	200°	+16°	0.8dB	180°K	370226	+151 Hz
2026-09-09 Wednesday	00:00	131°	+51°	0 dB	0°	131°	+51°	207°	+16°	0.8dB	181°K	370267	+120 Hz
2026-09-09 Wednesday	00:30	141°	+54°	0 dB	0°	141°	+54°	214°	+16°	0.8dB	181°K	370308	+86 Hz
2026-09-09 Wednesday	01:00	153°	+57°	0 dB	0°	153°	+57°	221°	+16°	0.8dB	181°K	370349	+50 Hz
2026-09-09 Wednesday	01:30	166°	+59°	0 dB	0°	166°	+59°	229°	+16°	0.8dB	182°K	370391	+13 Hz
2026-09-09 Wednesday	02:00	179°	+59°	0 dB	0°	179°	+59°	236°	+16°	0.8dB	182°K	370434	-25 Hz
2026-09-09 Wednesday	02:30	193°	+58°	0 dB	0°	193°	+58°	243°	+16°	0.8dB	182°K	370476	-63 Hz
2026-09-09 Wednesday	03:00	206°	+57°	0 dB	0°	206°	+57°	250°	+16°	0.8dB	182°K	370520	-100 Hz
2026-09-09 Wednesday	03:30	217°	+54°	0 dB	0°	217°	+54°	257°	+15°	0.8dB	183°K	370563	-137 Hz
2026-09-09 Wednesday	04:00	227°	+50°	0 dB	0°	227°	+50°	265°	+15°	0.8dB	183°K	370607	-171 Hz
2026-09-09 Wednesday	04:30	236°	+46°	0 dB	0°	236°	+46°	272°	+15°	0.8dB	183°K	370652	-203 Hz
2026-09-09 Wednesday	05:00	244°	+42°	0 dB	0°	244°	+42°	279°	+15°	0.8dB	183°K	370697	-232 Hz
2026-09-09 Wednesday	05:30	250°	+37°	0 dB	0°	250°	+37°	286°	+15°	0.8dB	183°K	370742	-257 Hz
2026-09-09 Wednesday	06:00	257°	+32°	0 dB	0°	257°	+32°	294°	+15°	0.9dB	183°K	370788	-279 Hz
2026-09-09 Wednesday	06:30	262°	+27°	0 dB	0°	262°	+27°	301°	+15°	0.9dB	184°K	370834	-296 Hz
2026-09-09 Wednesday	07:00	268°	+22°	0 dB	0°	268°	+22°	308°	+15°	0.9dB	184°K	370880	-310 Hz
2026-09-09 Wednesday	07:30	273°	+17°	0 dB	0°	273°	+17°	315°	+14°	0.9dB	184°K	370927	-318 Hz
2026-09-09 Wednesday	08:00	278°	+12°	0 dB	0°	278°	+12°	323°	+14°	0.9dB	184°K	370975	-322 Hz
2026-09-09 Wednesday	08:30	283°	+7°	0 dB	0°	283°	+7°	330°	+14°	0.9dB	184°K	371023	-321 Hz
2026-09-09 Wednesday	09:00	288°	+2°	0 dB	0°	288°	+2°	337°	+14°	0.9dB	184°K	371071	-315 Hz
2026-09-09 Wednesday	20:00	075°	+1°	0 dB	0°	075°	+1°	137°	+11°	1.0dB	189°K	372240	+252 Hz
2026-09-09 Wednesday	20:30	081°	+6°	0 dB	0°	081°	+6°	144°	+11°	1.0dB	190°K	372298	+257 Hz
2026-09-09 Wednesday	21:00	086°	+11°	0 dB	0°	086°	+11°	151°	+11°	1.0dB	190°K	372356	+258 Hz
2026-09-09 Wednesday	21:30	091°	+15°	0 dB	0°	091°	+15°	158°	+11°	1.1dB	190°K	372415	+253 Hz
2026-09-09 Wednesday	22:00	097°	+20°	0 dB	0°	097°	+20°	166°	+11°	1.1dB	190°K	372474	+244 Hz
2026-09-09 Wednesday	22:30	102°	+25°	0 dB	0°	102°	+25°	173°	+11°	1.1dB	191°K	372534	+231 Hz
2026-09-09 Wednesday	23:00	108°	+30°	0 dB	0°	108°	+30°	180°	+11°	1.1dB	191°K	372594	+212 Hz
2026-09-09 Wednesday	23:30	115°	+35°	0 dB	0°	115°	+35°	187°	+10°	1.1dB	191°K	372654	+190 Hz
2026-09-10 Thursday	00:00	122°	+39°	0 dB	0°	122°	+39°	195°	+10°	1.1dB	192°K	372715	+163 Hz
2026-09-10 Thursday	00:30	130°	+43°	0 dB	0°	130°	+43°	202°	+10°	1.1dB	192°K	372776	+133 Hz
2026-09-10 Thursday	01:00	139°	+47°	0 dB	0°	139°	+47°	209°	+10°	1.1dB	192°K	372838	+100 Hz
2026-09-10 Thursday	01:30	149°	+49°	0 dB	0°	149°	+49°	216°	+10°	1.1dB	193°K	372900	+65 Hz
2026-09-10 Thursday	02:00	160°	+52°	0 dB	0°	160°	+52°	224°	+10°	1.1dB	193°K	372962	+28 Hz
2026-09-10 Thursday	02:30	171°	+53°	0 dB	0°	171°	+53°	231°	+10°	1.1dB	193°K	373025	-11 Hz
2026-09-10 Thursday	03:00	183°	+53°	0 dB	0°	183°	+53°	238°	+10°	1.2dB	194°K	373088	-50 Hz
2026-09-10 Thursday	03:30	195°	+52°	0 dB	0°	195°	+52°	245°	+9°	1.2dB	194°K	373151	-89 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-10 Thursday	04:00	206°	+50°	0 dB	0°	206°	+50°	253°	+9°	1.2dB	194°K	373215	-127 Hz
2026-09-10 Thursday	04:30	216°	+47°	0 dB	0°	216°	+47°	260°	+9°	1.2dB	194°K	373280	-163 Hz
2026-09-10 Thursday	05:00	225°	+44°	0 dB	0°	225°	+44°	267°	+9°	1.2dB	195°K	373345	-198 Hz
2026-09-10 Thursday	05:30	234°	+40°	0 dB	0°	234°	+40°	274°	+9°	1.2dB	195°K	373410	-229 Hz
2026-09-10 Thursday	06:00	241°	+35°	0 dB	0°	241°	+35°	282°	+9°	1.2dB	195°K	373475	-258 Hz
2026-09-10 Thursday	06:30	247°	+31°	0 dB	0°	247°	+31°	289°	+9°	1.2dB	196°K	373541	-282 Hz
2026-09-10 Thursday	07:00	254°	+26°	0 dB	0°	254°	+26°	296°	+8°	1.2dB	196°K	373608	-303 Hz
2026-09-10 Thursday	07:30	259°	+21°	0 dB	0°	259°	+21°	303°	+8°	1.2dB	196°K	373674	-319 Hz
2026-09-10 Thursday	08:00	265°	+16°	0 dB	0°	265°	+16°	311°	+8°	1.2dB	197°K	373741	-330 Hz
2026-09-10 Thursday	08:30	270°	+10°	0 dB	0°	270°	+10°	318°	+8°	1.2dB	197°K	373809	-337 Hz
2026-09-10 Thursday	09:00	275°	+5°	0 dB	0°	275°	+5°	325°	+8°	1.2dB	197°K	373877	-339 Hz
2026-09-10 Thursday	09:30	280°	+0°	0 dB	0°	280°	+0°	332°	+8°	1.3dB	198°K	373945	-336 Hz
2026-09-10 Thursday	21:30	087°	+3°	0 dB	0°	087°	+3°	147°	+5°	1.5dB	SUN!	375694	+252 Hz
2026-09-10 Thursday	22:00	093°	+8°	0 dB	0°	093°	+8°	154°	+4°	1.5dB	SUN!	375771	+250 Hz
2026-09-10 Thursday	22:30	098°	+13°	0 dB	0°	098°	+13°	161°	+4°	1.5dB	SUN!	375849	+244 Hz
2026-09-10 Thursday	23:00	104°	+18°	0 dB	0°	104°	+18°	169°	+4°	1.5dB	SUN!	375927	+232 Hz
2026-09-10 Thursday	23:30	110°	+22°	0 dB	0°	110°	+22°	176°	+4°	1.5dB	SUN!	376005	+216 Hz
2026-09-11 Friday	00:00	116°	+27°	0 dB	0°	116°	+27°	183°	+4°	1.5dB	SUN!	376084	+196 Hz
2026-09-11 Friday	00:30	123°	+31°	0 dB	0°	123°	+31°	190°	+4°	1.5dB	SUN!	376163	+171 Hz
2026-09-11 Friday	01:00	130°	+35°	0 dB	0°	130°	+35°	198°	+4°	1.5dB	SUN!	376242	+143 Hz
2026-09-11 Friday	01:30	138°	+39°	0 dB	0°	138°	+39°	205°	+4°	1.5dB	SUN!	376322	+111 Hz
2026-09-11 Friday	02:00	147°	+42°	0 dB	0°	147°	+42°	212°	+3°	1.5dB	SUN!	376402	+77 Hz
2026-09-11 Friday	02:30	156°	+44°	0 dB	0°	156°	+44°	219°	+3°	1.5dB	SUN!	376482	+40 Hz
2026-09-11 Friday	03:00	166°	+46°	0 dB	0°	166°	+46°	227°	+3°	1.5dB	SUN!	376563	+2 Hz
2026-09-11 Friday	03:30	177°	+46°	0 dB	0°	177°	+46°	234°	+3°	1.5dB	SUN!	376644	-38 Hz
2026-09-11 Friday	04:00	188°	+46°	0 dB	0°	188°	+46°	241°	+3°	1.6dB	SUN!	376725	-77 Hz
2026-09-11 Friday	04:30	198°	+45°	0 dB	0°	198°	+45°	248°	+3°	1.6dB	SUN!	376806	-116 Hz
2026-09-11 Friday	05:00	208°	+42°	0 dB	0°	208°	+42°	256°	+3°	1.6dB	SUN!	376888	-154 Hz
2026-09-11 Friday	05:30	217°	+40°	0 dB	0°	217°	+40°	263°	+2°	1.6dB	SUN!	376971	-190 Hz
2026-09-11 Friday	06:00	225°	+36°	0 dB	0°	225°	+36°	270°	+2°	1.6dB	SUN!	377053	-223 Hz
2026-09-11 Friday	06:30	232°	+32°	0 dB	0°	232°	+32°	278°	+2°	1.6dB	SUN!	377136	-254 Hz
2026-09-11 Friday	07:00	239°	+28°	0 dB	0°	239°	+28°	285°	+2°	1.6dB	SUN!	377219	-280 Hz
2026-09-11 Friday	07:30	245°	+23°	0 dB	0°	245°	+23°	292°	+2°	1.6dB	SUN!	377302	-303 Hz
2026-09-11 Friday	08:00	251°	+19°	0 dB	0°	251°	+19°	299°	+2°	1.6dB	SUN!	377386	-322 Hz
2026-09-11 Friday	08:30	257°	+14°	0 dB	0°	257°	+14°	307°	+2°	1.6dB	SUN!	377470	-336 Hz
2026-09-11 Friday	09:00	262°	+9°	0 dB	0°	262°	+9°	314°	+2°	1.6dB	SUN!	377554	-345 Hz
2026-09-11 Friday	09:30	267°	+3°	0 dB	0°	267°	+3°	321°	+1°	1.7dB	SUN!	377639	-350 Hz
2026-09-11 Friday	22:30	094°	+0°	0 dB	0°	094°	+0°	150°	-2°	2.3dB	249°K	379934	+244 Hz
2026-09-11 Friday	23:00	100°	+5°	0 dB	0°	100°	+5°	157°	-2°	2.3dB	251°K	380026	+240 Hz
2026-09-11 Friday	23:30	105°	+10°	0 dB	0°	105°	+10°	165°	-2°	2.4dB	253°K	380117	+231 Hz
2026-09-12 Saturday	00:00	111°	+15°	0 dB	0°	111°	+15°	172°	-2°	2.4dB	254°K	380209	+217 Hz
2026-09-12 Saturday	00:30	117°	+19°	0 dB	0°	117°	+19°	179°	-3°	2.4dB	256°K	380302	+199 Hz
2026-09-12 Saturday	01:00	123°	+24°	0 dB	0°	123°	+24°	187°	-3°	2.4dB	257°K	380394	+177 Hz
2026-09-12 Saturday	01:30	130°	+28°	0 dB	0°	130°	+28°	194°	-3°	2.5dB	259°K	380487	+150 Hz
2026-09-12 Saturday	02:00	138°	+31°	0 dB	0°	138°	+31°	201°	-3°	2.5dB	260°K	380580	+120 Hz
2026-09-12 Saturday	02:30	146°	+34°	0 dB	0°	146°	+34°	208°	-3°	2.5dB	262°K	380673	+87 Hz
2026-09-12 Saturday	03:00	154°	+37°	0 dB	0°	154°	+37°	216°	-3°	2.6dB	264°K	380766	+51 Hz
2026-09-12 Saturday	03:30	163°	+38°	0 dB	0°	163°	+38°	223°	-3°	2.6dB	266°K	380860	+14 Hz
2026-09-12 Saturday	04:00	172°	+39°	0 dB	0°	172°	+39°	230°	-4°	2.6dB	267°K	380953	-25 Hz
2026-09-12 Saturday	04:30	182°	+39°	0 dB	0°	182°	+39°	237°	-4°	2.6dB	269°K	381047	-64 Hz
2026-09-12 Saturday	05:00	191°	+39°	0 dB	0°	191°	+39°	245°	-4°	2.7dB	271°K	381141	-103 Hz
2026-09-12 Saturday	05:30	200°	+37°	0 dB	0°	200°	+37°	252°	-4°	2.7dB	273°K	381236	-141 Hz
2026-09-12 Saturday	06:00	209°	+35°	0 dB	0°	209°	+35°	259°	-4°	2.7dB	274°K	381330	-178 Hz
2026-09-12 Saturday	06:30	217°	+32°	0 dB	0°	217°	+32°	267°	-4°	2.7dB	276°K	381425	-212 Hz
2026-09-12 Saturday	07:00	225°	+29°	0 dB	0°	225°	+29°	274°	-4°	2.8dB	278°K	381520	-244 Hz
2026-09-12 Saturday	07:30	231°	+25°	0 dB	0°	231°	+25°	281°	-4°	2.8dB	279°K	381615	-272 Hz
2026-09-12 Saturday	08:00	238°	+20°	0 dB	0°	238°	+20°	288°	-5°	2.8dB	281°K	381710	-297 Hz
2026-09-12 Saturday	08:30	244°	+16°	0 dB	0°	244°	+16°	296°	-5°	2.9dB	283°K	381805	-318 Hz
2026-09-12 Saturday	09:00	250°	+11°	0 dB	0°	250°	+11°	303°	-5°	2.9dB	285°K	381901	-334 Hz
2026-09-12 Saturday	09:30	255°	+6°	0 dB	0°	255°	+6°	310°	-5°	2.9dB	286°K	381996	-345 Hz
2026-09-12 Saturday	10:00	260°	+1°	0 dB	0°	260°	+1°	317°	-5°	2.9dB	288°K	382092	-352 Hz
2026-09-13 Sunday	00:00	107°	+3°	0 dB	0°	107°	+3°	161°	-9°	3.4dB	313°K	384829	+228 Hz
2026-09-13 Sunday	00:30	112°	+8°	0 dB	0°	112°	+8°	168°	-9°	3.4dB	313°K	384928	+217 Hz
2026-09-13 Sunday	01:00	118°	+12°	0 dB	0°	118°	+12°	176°	-9°	3.4dB	313°K	385027	+201 Hz
2026-09-13 Sunday	01:30	124°	+16°	0 dB	0°	124°	+16°	183°	-9°	3.4dB	313°K	385126	+181 Hz
2026-09-13 Sunday	02:00	131°	+20°	0 dB	0°	131°	+20°	190°	-9°	3.4dB	313°K	385226	+157 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-13 Sunday	02:30	137°	+24°	0 dB	0°	137°	+24°	197°	-9°	3.4dB	313°K	385325	+129 Hz
2026-09-13 Sunday	03:00	145°	+27°	0 dB	0°	145°	+27°	205°	-9°	3.4dB	313°K	385425	+98 Hz
2026-09-13 Sunday	03:30	152°	+30°	0 dB	0°	152°	+30°	212°	-9°	3.4dB	313°K	385524	+64 Hz
2026-09-13 Sunday	04:00	160°	+31°	0 dB	0°	160°	+31°	219°	-10°	3.4dB	313°K	385624	+28 Hz
2026-09-13 Sunday	04:30	169°	+33°	0 dB	0°	169°	+33°	227°	-10°	3.4dB	313°K	385724	-9 Hz
2026-09-13 Sunday	05:00	177°	+33°	0 dB	0°	177°	+33°	234°	-10°	3.4dB	313°K	385823	-48 Hz
2026-09-13 Sunday	05:30	186°	+33°	0 dB	0°	186°	+33°	241°	-10°	3.4dB	313°K	385923	-86 Hz
2026-09-13 Sunday	06:00	194°	+32°	0 dB	0°	194°	+32°	248°	-10°	3.4dB	313°K	386023	-124 Hz
2026-09-13 Sunday	06:30	203°	+30°	0 dB	0°	203°	+30°	256°	-10°	3.4dB	313°K	386122	-161 Hz
2026-09-13 Sunday	07:00	210°	+28°	0 dB	0°	210°	+28°	263°	-10°	3.4dB	313°K	386222	-196 Hz
2026-09-13 Sunday	07:30	218°	+25°	0 dB	0°	218°	+25°	270°	-10°	3.4dB	313°K	386322	-228 Hz
2026-09-13 Sunday	08:00	225°	+21°	0 dB	0°	225°	+21°	277°	-11°	3.4dB	313°K	386422	-257 Hz
2026-09-13 Sunday	08:30	231°	+17°	0 dB	0°	231°	+17°	285°	-11°	3.4dB	313°K	386522	-283 Hz
2026-09-13 Sunday	09:00	237°	+13°	0 dB	0°	237°	+13°	292°	-11°	3.4dB	312°K	386622	-305 Hz
2026-09-13 Sunday	09:30	243°	+9°	0 dB	0°	243°	+9°	299°	-11°	3.4dB	312°K	386722	-323 Hz
2026-09-13 Sunday	10:00	248°	+4°	0 dB	0°	248°	+4°	307°	-11°	3.4dB	312°K	386821	-337 Hz
2026-09-14 Monday	01:00	113°	+1°	0 dB	0°	113°	+1°	165°	-14°	3.5dB	306°K	389806	+217 Hz
2026-09-14 Monday	01:30	119°	+5°	0 dB	0°	119°	+5°	172°	-15°	3.5dB	307°K	389905	+204 Hz
2026-09-14 Monday	02:00	125°	+10°	0 dB	0°	125°	+10°	179°	-15°	3.5dB	308°K	390003	+186 Hz
2026-09-14 Monday	02:30	131°	+14°	0 dB	0°	131°	+14°	186°	-15°	3.5dB	309°K	390101	+165 Hz
2026-09-14 Monday	03:00	137°	+17°	0 dB	0°	137°	+17°	194°	-15°	3.6dB	309°K	390200	+139 Hz
2026-09-14 Monday	03:30	144°	+20°	0 dB	0°	144°	+20°	201°	-15°	3.6dB	310°K	390298	+111 Hz
2026-09-14 Monday	04:00	151°	+23°	0 dB	0°	151°	+23°	208°	-15°	3.6dB	311°K	390396	+79 Hz
2026-09-14 Monday	04:30	158°	+25°	0 dB	0°	158°	+25°	216°	-15°	3.6dB	312°K	390493	+45 Hz
2026-09-14 Monday	05:00	166°	+26°	0 dB	0°	166°	+26°	223°	-15°	3.6dB	312°K	390591	+10 Hz
2026-09-14 Monday	05:30	174°	+27°	0 dB	0°	174°	+27°	230°	-15°	3.6dB	313°K	390689	-27 Hz
2026-09-14 Monday	06:00	181°	+27°	0 dB	0°	181°	+27°	237°	-16°	3.6dB	314°K	390786	-65 Hz
2026-09-14 Monday	06:30	189°	+27°	0 dB	0°	189°	+27°	245°	-16°	3.6dB	314°K	390884	-102 Hz
2026-09-14 Monday	07:00	197°	+26°	0 dB	0°	197°	+26°	252°	-16°	3.7dB	315°K	390981	-138 Hz
2026-09-14 Monday	07:30	205°	+24°	0 dB	0°	205°	+24°	259°	-16°	3.7dB	316°K	391078	-173 Hz
2026-09-14 Monday	08:00	212°	+21°	0 dB	0°	212°	+21°	266°	-16°	3.7dB	317°K	391175	-205 Hz
2026-09-14 Monday	08:30	218°	+18°	0 dB	0°	218°	+18°	274°	-16°	3.7dB	317°K	391272	-235 Hz
2026-09-14 Monday	09:00	225°	+15°	0 dB	0°	225°	+15°	281°	-16°	3.7dB	318°K	391369	-262 Hz
2026-09-14 Monday	09:30	231°	+11°	0 dB	0°	231°	+11°	288°	-16°	3.7dB	319°K	391465	-285 Hz
2026-09-14 Monday	10:00	236°	+7°	0 dB	0°	236°	+7°	296°	-16°	3.7dB	320°K	391561	-305 Hz
2026-09-14 Monday	10:30	242°	+2°	0 dB	0°	242°	+2°	303°	-17°	3.7dB	320°K	391658	-320 Hz
2026-09-15 Tuesday	02:30	124°	+3°	0 dB	0°	124°	+3°	175°	-20°	4.3dB	355°K	394636	+194 Hz
2026-09-15 Tuesday	03:00	130°	+7°	0 dB	0°	130°	+7°	183°	-20°	4.3dB	356°K	394725	+176 Hz
2026-09-15 Tuesday	03:30	136°	+11°	0 dB	0°	136°	+11°	190°	-20°	4.3dB	358°K	394814	+153 Hz
2026-09-15 Tuesday	04:00	142°	+14°	0 dB	0°	142°	+14°	197°	-20°	4.3dB	359°K	394903	+127 Hz
2026-09-15 Tuesday	04:30	149°	+17°	0 dB	0°	149°	+17°	204°	-20°	4.3dB	360°K	394992	+98 Hz
2026-09-15 Tuesday	05:00	156°	+19°	0 dB	0°	156°	+19°	212°	-20°	4.3dB	361°K	395080	+66 Hz
2026-09-15 Tuesday	05:30	163°	+21°	0 dB	0°	163°	+21°	219°	-20°	4.4dB	362°K	395168	+33 Hz
2026-09-15 Tuesday	06:00	170°	+22°	0 dB	0°	170°	+22°	226°	-20°	4.4dB	363°K	395256	-2 Hz
2026-09-15 Tuesday	06:30	177°	+23°	0 dB	0°	177°	+23°	233°	-20°	4.4dB	364°K	395343	-38 Hz
2026-09-15 Tuesday	07:00	185°	+22°	0 dB	0°	185°	+22°	241°	-20°	4.4dB	365°K	395430	-74 Hz
2026-09-15 Tuesday	07:30	192°	+22°	0 dB	0°	192°	+22°	248°	-21°	4.4dB	366°K	395517	-109 Hz
2026-09-15 Tuesday	08:00	199°	+20°	0 dB	0°	199°	+20°	255°	-21°	4.4dB	367°K	395604	-144 Hz
2026-09-15 Tuesday	08:30	206°	+18°	0 dB	0°	206°	+18°	262°	-21°	4.4dB	368°K	395690	-176 Hz
2026-09-15 Tuesday	09:00	213°	+16°	0 dB	0°	213°	+16°	270°	-21°	4.5dB	370°K	395776	-207 Hz
2026-09-15 Tuesday	09:30	219°	+13°	0 dB	0°	219°	+13°	277°	-21°	4.5dB	371°K	395862	-235 Hz
2026-09-15 Tuesday	10:00	225°	+9°	0 dB	0°	225°	+9°	284°	-21°	4.5dB	372°K	395947	-259 Hz
2026-09-15 Tuesday	10:30	231°	+5°	0 dB	0°	231°	+5°	291°	-21°	4.5dB	373°K	396032	-280 Hz
2026-09-15 Tuesday	11:00	236°	+1°	0 dB	0°	236°	+1°	299°	-21°	4.5dB	374°K	396117	-297 Hz
2026-09-16 Wednesday	03:30	129°	+2°	0 dB	0°	129°	+2°	178°	-24°	4.9dB	407°K	398725	+190 Hz
2026-09-16 Wednesday	04:00	135°	+6°	0 dB	0°	135°	+6°	185°	-24°	5.0dB	407°K	398798	+170 Hz
2026-09-16 Wednesday	04:30	140°	+9°	0 dB	0°	140°	+9°	193°	-24°	5.0dB	408°K	398870	+147 Hz
2026-09-16 Wednesday	05:00	146°	+12°	0 dB	0°	146°	+12°	200°	-24°	5.0dB	409°K	398942	+121 Hz
2026-09-16 Wednesday	05:30	153°	+14°	0 dB	0°	153°	+14°	207°	-24°	5.0dB	410°K	399014	+92 Hz
2026-09-16 Wednesday	06:00	159°	+16°	0 dB	0°	159°	+16°	214°	-24°	5.0dB	411°K	399085	+60 Hz
2026-09-16 Wednesday	06:30	166°	+18°	0 dB	0°	166°	+18°	222°	-24°	5.0dB	412°K	399156	+27 Hz
2026-09-16 Wednesday	07:00	173°	+19°	0 dB	0°	173°	+19°	229°	-24°	5.0dB	413°K	399226	-7 Hz
2026-09-16 Wednesday	07:30	180°	+19°	0 dB	0°	180°	+19°	236°	-24°	5.0dB	414°K	399296	-41 Hz
2026-09-16 Wednesday	08:00	187°	+18°	0 dB	0°	187°	+18°	243°	-24°	5.1dB	415°K	399366	-76 Hz
2026-09-16 Wednesday	08:30	194°	+17°	0 dB	0°	194°	+17°	251°	-24°	5.1dB	416°K	399435	-110 Hz
2026-09-16 Wednesday	09:00	201°	+16°	0 dB	0°	201°	+16°	258°	-24°	5.1dB	417°K	399504	-143 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-16 Wednesday	09:30	207°	+14°	0 dB	0°	207°	+14°	265°	-24°	5.1dB	419°K	399572	-173 Hz
2026-09-16 Wednesday	10:00	213°	+11°	0 dB	0°	213°	+11°	272°	-24°	5.1dB	421°K	399640	-202 Hz
2026-09-16 Wednesday	10:30	219°	+8°	0 dB	0°	219°	+8°	280°	-25°	5.1dB	423°K	399707	-228 Hz
2026-09-16 Wednesday	11:00	225°	+5°	0 dB	0°	225°	+5°	287°	-25°	5.2dB	425°K	399774	-250 Hz
2026-09-16 Wednesday	11:30	231°	+1°	0 dB	0°	231°	+1°	294°	-25°	5.2dB	427°K	399841	-269 Hz
2026-09-17 Thursday	04:30	132°	+1°	0 dB	0°	132°	+1°	181°	-26°	6.1dB	531°K	401833	+191 Hz
2026-09-17 Thursday	05:00	138°	+4°	0 dB	0°	138°	+4°	188°	-26°	6.1dB	536°K	401883	+171 Hz
2026-09-17 Thursday	05:30	144°	+7°	0 dB	0°	144°	+7°	195°	-27°	6.2dB	540°K	401933	+147 Hz
2026-09-17 Thursday	06:00	150°	+10°	0 dB	0°	150°	+10°	202°	-27°	6.2dB	545°K	401982	+121 Hz
2026-09-17 Thursday	06:30	156°	+12°	0 dB	0°	156°	+12°	210°	-27°	6.3dB	550°K	402031	+92 Hz
2026-09-17 Thursday	07:00	162°	+14°	0 dB	0°	162°	+14°	217°	-27°	6.3dB	555°K	402079	+61 Hz
2026-09-17 Thursday	07:30	169°	+15°	0 dB	0°	169°	+15°	224°	-27°	6.3dB	559°K	402127	+28 Hz
2026-09-17 Thursday	08:00	176°	+16°	0 dB	0°	176°	+16°	231°	-27°	6.4dB	564°K	402174	-5 Hz
2026-09-17 Thursday	08:30	182°	+16°	0 dB	0°	182°	+16°	239°	-27°	6.4dB	569°K	402221	-39 Hz
2026-09-17 Thursday	09:00	189°	+16°	0 dB	0°	189°	+16°	246°	-27°	6.4dB	574°K	402267	-72 Hz
2026-09-17 Thursday	09:30	196°	+15°	0 dB	0°	196°	+15°	253°	-27°	6.5dB	579°K	402313	-105 Hz
2026-09-17 Thursday	10:00	202°	+13°	0 dB	0°	202°	+13°	260°	-27°	6.5dB	583°K	402358	-136 Hz
2026-09-17 Thursday	10:30	208°	+11°	0 dB	0°	208°	+11°	268°	-27°	6.5dB	588°K	402403	-166 Hz
2026-09-17 Thursday	11:00	214°	+8°	0 dB	0°	214°	+8°	275°	-27°	6.6dB	593°K	402447	-193 Hz
2026-09-17 Thursday	11:30	220°	+5°	0 dB	0°	220°	+5°	282°	-27°	6.6dB	598°K	402490	-217 Hz
2026-09-17 Thursday	12:00	226°	+1°	0 dB	0°	226°	+1°	289°	-27°	6.6dB	603°K	402534	-238 Hz
2026-09-18 Friday	05:30	135°	+1°	0 dB	0°	135°	+1°	183°	-28°	9.0dB	1057°K	403709	+198 Hz
2026-09-18 Friday	06:00	140°	+4°	0 dB	0°	140°	+4°	190°	-28°	9.1dB	1084°K	403732	+177 Hz
2026-09-18 Friday	06:30	146°	+7°	0 dB	0°	146°	+7°	197°	-28°	9.2dB	1112°K	403756	+153 Hz
2026-09-18 Friday	07:00	152°	+10°	0 dB	0°	152°	+10°	204°	-28°	9.3dB	1139°K	403778	+126 Hz
2026-09-18 Friday	07:30	158°	+12°	0 dB	0°	158°	+12°	212°	-28°	9.4dB	1167°K	403800	+97 Hz
2026-09-18 Friday	08:00	164°	+13°	0 dB	0°	164°	+13°	219°	-28°	9.5dB	1195°K	403822	+66 Hz
2026-09-18 Friday	08:30	171°	+14°	0 dB	0°	171°	+14°	226°	-28°	9.6dB	1222°K	403843	+34 Hz
2026-09-18 Friday	09:00	178°	+15°	0 dB	0°	178°	+15°	233°	-28°	9.7dB	1250°K	403863	+1 Hz
2026-09-18 Friday	09:30	184°	+15°	0 dB	0°	184°	+15°	241°	-28°	9.7dB	1277°K	403883	-33 Hz
2026-09-18 Friday	10:00	191°	+14°	0 dB	0°	191°	+14°	248°	-28°	9.8dB	1305°K	403903	-66 Hz
2026-09-18 Friday	10:30	197°	+13°	0 dB	0°	197°	+13°	255°	-28°	9.9dB	1332°K	403921	-98 Hz
2026-09-18 Friday	11:00	204°	+11°	0 dB	0°	204°	+11°	262°	-28°	10.0dB	1360°K	403940	-128 Hz
2026-09-18 Friday	11:30	210°	+9°	0 dB	0°	210°	+9°	270°	-28°	10.1dB	1387°K	403957	-156 Hz
2026-09-18 Friday	12:00	216°	+6°	0 dB	0°	216°	+6°	277°	-28°	10.2dB	1415°K	403974	-182 Hz
2026-09-18 Friday	12:30	221°	+3°	0 dB	0°	221°	+3°	284°	-28°	10.3dB	1443°K	403991	-205 Hz
2026-09-18 Friday	13:00	227°	-0°	0 dB	0°	227°	-0°	291°	-28°	10.3dB	1470°K	404007	-225 Hz
2026-09-19 Saturday	06:30	136°	+2°	0 dB	0°	136°	+2°	185°	-28°	13.6dB	3164°K	404211	+208 Hz
2026-09-19 Saturday	07:00	142°	+5°	0 dB	0°	142°	+5°	192°	-28°	13.5dB	3119°K	404206	+187 Hz
2026-09-19 Saturday	07:30	148°	+8°	0 dB	0°	148°	+8°	199°	-28°	13.5dB	3074°K	404201	+162 Hz
2026-09-19 Saturday	08:00	154°	+10°	0 dB	0°	154°	+10°	207°	-28°	13.4dB	3029°K	404196	+135 Hz
2026-09-19 Saturday	08:30	160°	+12°	0 dB	0°	160°	+12°	214°	-28°	13.3dB	2983°K	404190	+105 Hz
2026-09-19 Saturday	09:00	166°	+14°	0 dB	0°	166°	+14°	221°	-28°	13.3dB	2938°K	404183	+74 Hz
2026-09-19 Saturday	09:30	173°	+15°	0 dB	0°	173°	+15°	228°	-28°	13.2dB	2893°K	404176	+41 Hz
2026-09-19 Saturday	10:00	180°	+15°	0 dB	0°	180°	+15°	236°	-28°	13.1dB	2848°K	404168	+8 Hz
2026-09-19 Saturday	10:30	186°	+15°	0 dB	0°	186°	+15°	243°	-28°	13.1dB	2803°K	404160	-26 Hz
2026-09-19 Saturday	11:00	193°	+14°	0 dB	0°	193°	+14°	250°	-28°	13.0dB	2757°K	404151	-58 Hz
2026-09-19 Saturday	11:30	199°	+13°	0 dB	0°	199°	+13°	257°	-28°	12.9dB	2712°K	404142	-90 Hz
2026-09-19 Saturday	12:00	205°	+11°	0 dB	0°	205°	+11°	264°	-28°	12.8dB	2667°K	404132	-120 Hz
2026-09-19 Saturday	12:30	212°	+8°	0 dB	0°	212°	+8°	272°	-28°	12.8dB	2622°K	404121	-148 Hz
2026-09-19 Saturday	13:00	217°	+6°	0 dB	0°	217°	+6°	279°	-28°	12.7dB	2577°K	404110	-173 Hz
2026-09-19 Saturday	13:30	223°	+2°	0 dB	0°	223°	+2°	286°	-28°	12.6dB	2532°K	404099	-196 Hz
2026-09-20 Sunday	07:00	132°	+0°	0 dB	0°	132°	+0°	180°	-27°	8.6dB	964°K	403345	+240 Hz
2026-09-20 Sunday	07:30	137°	+4°	0 dB	0°	137°	+4°	187°	-27°	8.4dB	920°K	403314	+221 Hz
2026-09-20 Sunday	08:00	143°	+7°	0 dB	0°	143°	+7°	194°	-27°	8.2dB	876°K	403282	+198 Hz
2026-09-20 Sunday	08:30	149°	+10°	0 dB	0°	149°	+10°	202°	-26°	8.1dB	859°K	403250	+172 Hz
2026-09-20 Sunday	09:00	155°	+12°	0 dB	0°	155°	+12°	209°	-26°	8.0dB	846°K	403217	+144 Hz
2026-09-20 Sunday	09:30	161°	+14°	0 dB	0°	161°	+14°	216°	-26°	8.0dB	833°K	403184	+113 Hz
2026-09-20 Sunday	10:00	168°	+16°	0 dB	0°	168°	+16°	223°	-26°	7.9dB	821°K	403150	+81 Hz
2026-09-20 Sunday	10:30	175°	+16°	0 dB	0°	175°	+16°	231°	-26°	7.8dB	808°K	403116	+47 Hz
2026-09-20 Sunday	11:00	182°	+17°	0 dB	0°	182°	+17°	238°	-26°	7.8dB	795°K	403081	+13 Hz
2026-09-20 Sunday	11:30	188°	+16°	0 dB	0°	188°	+16°	245°	-26°	7.7dB	783°K	403045	-21 Hz
2026-09-20 Sunday	12:00	195°	+15°	0 dB	0°	195°	+15°	252°	-26°	7.6dB	770°K	403010	-54 Hz
2026-09-20 Sunday	12:30	202°	+14°	0 dB	0°	202°	+14°	259°	-26°	7.6dB	757°K	402973	-86 Hz
2026-09-20 Sunday	13:00	208°	+12°	0 dB	0°	208°	+12°	267°	-26°	7.5dB	745°K	402936	-116 Hz
2026-09-20 Sunday	13:30	214°	+9°	0 dB	0°	214°	+9°	274°	-26°	7.4dB	732°K	402899	-143 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-20 Sunday	14:00	220°	+6°	0 dB	0°	220°	+6°	281°	-26°	7.4dB	720°K	402861	-168 Hz
2026-09-20 Sunday	14:30	226°	+3°	0 dB	0°	226°	+3°	288°	-26°	7.3dB	707°K	402822	-190 Hz
2026-09-21 Monday	07:30	127°	-0°	0 dB	0°	127°	-0°	175°	-24°	5.2dB	417°K	401222	+271 Hz
2026-09-21 Monday	08:00	132°	+4°	0 dB	0°	132°	+4°	182°	-24°	5.1dB	412°K	401166	+253 Hz
2026-09-21 Monday	08:30	138°	+7°	0 dB	0°	138°	+7°	190°	-24°	5.1dB	407°K	401111	+232 Hz
2026-09-21 Monday	09:00	144°	+11°	0 dB	0°	144°	+11°	197°	-24°	5.0dB	401°K	401054	+208 Hz
2026-09-21 Monday	09:30	150°	+13°	0 dB	0°	150°	+13°	204°	-24°	4.9dB	396°K	400998	+180 Hz
2026-09-21 Monday	10:00	156°	+16°	0 dB	0°	156°	+16°	211°	-24°	4.9dB	391°K	400941	+150 Hz
2026-09-21 Monday	10:30	163°	+18°	0 dB	0°	163°	+18°	219°	-24°	4.8dB	385°K	400883	+118 Hz
2026-09-21 Monday	11:00	170°	+19°	0 dB	0°	170°	+19°	226°	-24°	4.8dB	380°K	400825	+84 Hz
2026-09-21 Monday	11:30	177°	+19°	0 dB	0°	177°	+19°	233°	-23°	4.7dB	374°K	400767	+49 Hz
2026-09-21 Monday	12:00	184°	+19°	0 dB	0°	184°	+19°	240°	-23°	4.7dB	369°K	400708	+14 Hz
2026-09-21 Monday	12:30	191°	+19°	0 dB	0°	191°	+19°	248°	-23°	4.7dB	368°K	400649	-20 Hz
2026-09-21 Monday	13:00	198°	+18°	0 dB	0°	198°	+18°	255°	-23°	4.6dB	366°K	400589	-54 Hz
2026-09-21 Monday	13:30	205°	+16°	0 dB	0°	205°	+16°	262°	-23°	4.6dB	365°K	400529	-86 Hz
2026-09-21 Monday	14:00	211°	+13°	0 dB	0°	211°	+13°	269°	-23°	4.6dB	363°K	400468	-116 Hz
2026-09-21 Monday	14:30	218°	+11°	0 dB	0°	218°	+11°	277°	-23°	4.6dB	362°K	400407	-144 Hz
2026-09-21 Monday	15:00	224°	+7°	0 dB	0°	224°	+7°	284°	-23°	4.6dB	360°K	400346	-169 Hz
2026-09-21 Monday	15:30	229°	+4°	0 dB	0°	229°	+4°	291°	-23°	4.5dB	359°K	400284	-190 Hz
2026-09-21 Monday	16:00	235°	-0°	0 dB	0°	235°	-0°	298°	-23°	4.5dB	357°K	400222	-207 Hz
2026-09-22 Tuesday	08:00	122°	+0°	0 dB	0°	122°	+0°	171°	-20°	4.1dB	326°K	398024	+298 Hz
2026-09-22 Tuesday	08:30	127°	+5°	0 dB	0°	127°	+5°	178°	-20°	4.1dB	326°K	397949	+283 Hz
2026-09-22 Tuesday	09:00	133°	+8°	0 dB	0°	133°	+8°	185°	-20°	4.1dB	326°K	397874	+263 Hz
2026-09-22 Tuesday	09:30	138°	+12°	0 dB	0°	138°	+12°	193°	-20°	4.1dB	326°K	397799	+240 Hz
2026-09-22 Tuesday	10:00	145°	+15°	0 dB	0°	145°	+15°	200°	-20°	4.1dB	326°K	397723	+213 Hz
2026-09-22 Tuesday	10:30	151°	+18°	0 dB	0°	151°	+18°	207°	-20°	4.1dB	326°K	397647	+183 Hz
2026-09-22 Tuesday	11:00	158°	+20°	0 dB	0°	158°	+20°	214°	-20°	4.1dB	326°K	397571	+151 Hz
2026-09-22 Tuesday	11:30	165°	+22°	0 dB	0°	165°	+22°	222°	-20°	4.1dB	326°K	397494	+117 Hz
2026-09-22 Tuesday	12:00	173°	+23°	0 dB	0°	173°	+23°	229°	-20°	4.1dB	326°K	397417	+82 Hz
2026-09-22 Tuesday	12:30	180°	+23°	0 dB	0°	180°	+23°	236°	-20°	4.1dB	326°K	397340	+46 Hz
2026-09-22 Tuesday	13:00	188°	+23°	0 dB	0°	188°	+23°	243°	-19°	4.1dB	326°K	397262	+9 Hz
2026-09-22 Tuesday	13:30	195°	+22°	0 dB	0°	195°	+22°	251°	-19°	4.1dB	326°K	397184	-26 Hz
2026-09-22 Tuesday	14:00	202°	+21°	0 dB	0°	202°	+21°	258°	-19°	4.1dB	326°K	397106	-61 Hz
2026-09-22 Tuesday	14:30	209°	+19°	0 dB	0°	209°	+19°	265°	-19°	4.0dB	326°K	397028	-93 Hz
2026-09-22 Tuesday	15:00	216°	+16°	0 dB	0°	216°	+16°	273°	-19°	4.0dB	326°K	396949	-123 Hz
2026-09-22 Tuesday	15:30	222°	+13°	0 dB	0°	222°	+13°	280°	-19°	4.0dB	326°K	396870	-151 Hz
2026-09-22 Tuesday	16:00	228°	+9°	0 dB	0°	228°	+9°	287°	-19°	4.0dB	326°K	396790	-175 Hz
2026-09-22 Tuesday	16:30	234°	+6°	0 dB	0°	234°	+6°	294°	-19°	4.0dB	326°K	396711	-195 Hz
2026-09-22 Tuesday	17:00	240°	+1°	0 dB	0°	240°	+1°	302°	-19°	4.0dB	326°K	396631	-211 Hz
2026-09-23 Wednesday	08:30	116°	+2°	0 dB	0°	116°	+2°	167°	-16°	3.9dB	325°K	394021	+321 Hz
2026-09-23 Wednesday	09:00	121°	+6°	0 dB	0°	121°	+6°	174°	-16°	3.9dB	324°K	393933	+307 Hz
2026-09-23 Wednesday	09:30	127°	+10°	0 dB	0°	127°	+10°	181°	-15°	3.9dB	323°K	393845	+289 Hz
2026-09-23 Wednesday	10:00	133°	+14°	0 dB	0°	133°	+14°	189°	-15°	3.9dB	322°K	393757	+267 Hz
2026-09-23 Wednesday	10:30	139°	+18°	0 dB	0°	139°	+18°	196°	-15°	3.8dB	321°K	393669	+241 Hz
2026-09-23 Wednesday	11:00	146°	+21°	0 dB	0°	146°	+21°	203°	-15°	3.8dB	320°K	393580	+212 Hz
2026-09-23 Wednesday	11:30	153°	+24°	0 dB	0°	153°	+24°	211°	-15°	3.8dB	319°K	393491	+180 Hz
2026-09-23 Wednesday	12:00	160°	+26°	0 dB	0°	160°	+26°	218°	-15°	3.8dB	318°K	393402	+145 Hz
2026-09-23 Wednesday	12:30	168°	+27°	0 dB	0°	168°	+27°	225°	-15°	3.8dB	317°K	393313	+109 Hz
2026-09-23 Wednesday	13:00	176°	+28°	0 dB	0°	176°	+28°	232°	-15°	3.8dB	316°K	393224	+72 Hz
2026-09-23 Wednesday	13:30	184°	+28°	0 dB	0°	184°	+28°	240°	-15°	3.8dB	315°K	393134	+35 Hz
2026-09-23 Wednesday	14:00	192°	+28°	0 dB	0°	192°	+28°	247°	-14°	3.7dB	314°K	393045	-3 Hz
2026-09-23 Wednesday	14:30	200°	+26°	0 dB	0°	200°	+26°	254°	-14°	3.7dB	313°K	392955	-39 Hz
2026-09-23 Wednesday	15:00	207°	+25°	0 dB	0°	207°	+25°	261°	-14°	3.7dB	312°K	392865	-74 Hz
2026-09-23 Wednesday	15:30	215°	+22°	0 dB	0°	215°	+22°	269°	-14°	3.7dB	311°K	392775	-106 Hz
2026-09-23 Wednesday	16:00	222°	+19°	0 dB	0°	222°	+19°	276°	-14°	3.7dB	310°K	392684	-136 Hz
2026-09-23 Wednesday	16:30	228°	+16°	0 dB	0°	228°	+16°	283°	-14°	3.7dB	309°K	392594	-163 Hz
2026-09-23 Wednesday	17:00	234°	+12°	0 dB	0°	234°	+12°	291°	-14°	3.6dB	308°K	392503	-186 Hz
2026-09-23 Wednesday	17:30	240°	+8°	0 dB	0°	240°	+8°	298°	-14°	3.6dB	307°K	392413	-204 Hz
2026-09-23 Wednesday	18:00	246°	+3°	0 dB	0°	246°	+3°	305°	-14°	3.6dB	306°K	392322	-219 Hz
2026-09-24 Thursday	09:00	110°	+3°	0 dB	0°	110°	+3°	163°	-10°	2.9dB	262°K	389543	+338 Hz
2026-09-24 Thursday	09:30	115°	+8°	0 dB	0°	115°	+8°	171°	-10°	2.9dB	260°K	389449	+325 Hz
2026-09-24 Thursday	10:00	121°	+13°	0 dB	0°	121°	+13°	178°	-10°	2.9dB	258°K	389355	+309 Hz
2026-09-24 Thursday	10:30	127°	+17°	0 dB	0°	127°	+17°	185°	-10°	2.9dB	257°K	389261	+288 Hz
2026-09-24 Thursday	11:00	133°	+21°	0 dB	0°	133°	+21°	193°	-10°	2.8dB	255°K	389167	+263 Hz
2026-09-24 Thursday	11:30	140°	+25°	0 dB	0°	140°	+25°	200°	-10°	2.8dB	253°K	389073	+234 Hz
2026-09-24 Thursday	12:00	147°	+28°	0 dB	0°	147°	+28°	207°	-9°	2.8dB	252°K	388979	+203 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-24 Thursday	12:30	155°	+30°	0 dB	0°	155°	+30°	214°	-9°	2.7dB	250°K	388885	+168 Hz
2026-09-24 Thursday	13:00	163°	+32°	0 dB	0°	163°	+32°	222°	-9°	2.7dB	248°K	388791	+132 Hz
2026-09-24 Thursday	13:30	171°	+34°	0 dB	0°	171°	+34°	229°	-9°	2.7dB	247°K	388697	+94 Hz
2026-09-24 Thursday	14:00	180°	+34°	0 dB	0°	180°	+34°	236°	-9°	2.7dB	245°K	388603	+56 Hz
2026-09-24 Thursday	14:30	189°	+34°	0 dB	0°	189°	+34°	243°	-9°	2.6dB	243°K	388508	+17 Hz
2026-09-24 Thursday	15:00	198°	+33°	0 dB	0°	198°	+33°	251°	-9°	2.6dB	243°K	388414	-21 Hz
2026-09-24 Thursday	15:30	206°	+31°	0 dB	0°	206°	+31°	258°	-9°	2.6dB	243°K	388320	-57 Hz
2026-09-24 Thursday	16:00	214°	+29°	0 dB	0°	214°	+29°	265°	-8°	2.6dB	243°K	388226	-92 Hz
2026-09-24 Thursday	16:30	221°	+26°	0 dB	0°	221°	+26°	273°	-8°	2.6dB	243°K	388132	-124 Hz
2026-09-24 Thursday	17:00	228°	+22°	0 dB	0°	228°	+22°	280°	-8°	2.6dB	243°K	388037	-153 Hz
2026-09-24 Thursday	17:30	235°	+18°	0 dB	0°	235°	+18°	287°	-8°	2.6dB	243°K	387943	-178 Hz
2026-09-24 Thursday	18:00	241°	+14°	0 dB	0°	241°	+14°	294°	-8°	2.6dB	243°K	387849	-200 Hz
2026-09-24 Thursday	18:30	247°	+10°	0 dB	0°	247°	+10°	302°	-8°	2.6dB	243°K	387755	-217 Hz
2026-09-24 Thursday	19:00	252°	+5°	0 dB	0°	252°	+5°	309°	-8°	2.6dB	243°K	387660	-229 Hz
2026-09-24 Thursday	19:30	258°	+0°	0 dB	0°	258°	+0°	316°	-8°	2.6dB	243°K	387566	-237 Hz
2026-09-25 Friday	09:00	098°	+1°	0 dB	0°	098°	+1°	153°	-4°	2.5dB	242°K	385039	+352 Hz
2026-09-25 Friday	09:30	103°	+6°	0 dB	0°	103°	+6°	160°	-4°	2.4dB	242°K	384946	+346 Hz
2026-09-25 Friday	10:00	108°	+11°	0 dB	0°	108°	+11°	167°	-4°	2.4dB	242°K	384853	+336 Hz
2026-09-25 Friday	10:30	114°	+15°	0 dB	0°	114°	+15°	175°	-4°	2.4dB	242°K	384761	+321 Hz
2026-09-25 Friday	11:00	120°	+20°	0 dB	0°	120°	+20°	182°	-4°	2.4dB	242°K	384669	+302 Hz
2026-09-25 Friday	11:30	126°	+24°	0 dB	0°	126°	+24°	189°	-4°	2.4dB	242°K	384576	+278 Hz
2026-09-25 Friday	12:00	133°	+28°	0 dB	0°	133°	+28°	196°	-3°	2.4dB	241°K	384484	+250 Hz
2026-09-25 Friday	12:30	140°	+32°	0 dB	0°	140°	+32°	204°	-3°	2.4dB	241°K	384392	+219 Hz
2026-09-25 Friday	13:00	148°	+35°	0 dB	0°	148°	+35°	211°	-3°	2.4dB	241°K	384300	+185 Hz
2026-09-25 Friday	13:30	157°	+38°	0 dB	0°	157°	+38°	218°	-3°	2.4dB	241°K	384208	+149 Hz
2026-09-25 Friday	14:00	166°	+39°	0 dB	0°	166°	+39°	225°	-3°	2.4dB	241°K	384117	+111 Hz
2026-09-25 Friday	14:30	176°	+40°	0 dB	0°	176°	+40°	233°	-3°	2.4dB	241°K	384025	+72 Hz
2026-09-25 Friday	15:00	185°	+40°	0 dB	0°	185°	+40°	240°	-3°	2.4dB	241°K	383934	+33 Hz
2026-09-25 Friday	15:30	195°	+40°	0 dB	0°	195°	+40°	247°	-3°	2.4dB	240°K	383842	-6 Hz
2026-09-25 Friday	16:00	204°	+38°	0 dB	0°	204°	+38°	255°	-2°	2.4dB	240°K	383751	-44 Hz
2026-09-25 Friday	16:30	213°	+36°	0 dB	0°	213°	+36°	262°	-2°	2.4dB	240°K	383660	-80 Hz
2026-09-25 Friday	17:00	221°	+33°	0 dB	0°	221°	+33°	269°	-2°	2.4dB	240°K	383569	-114 Hz
2026-09-25 Friday	17:30	228°	+29°	0 dB	0°	228°	+29°	276°	-2°	2.4dB	240°K	383479	-144 Hz
2026-09-25 Friday	18:00	235°	+25°	0 dB	0°	235°	+25°	284°	-2°	2.3dB	240°K	383388	-172 Hz
2026-09-25 Friday	18:30	242°	+21°	0 dB	0°	242°	+21°	291°	-2°	2.3dB	240°K	383297	-195 Hz
2026-09-25 Friday	19:00	248°	+17°	0 dB	0°	248°	+17°	298°	-2°	2.3dB	239°K	383207	-215 Hz
2026-09-25 Friday	19:30	254°	+12°	0 dB	0°	254°	+12°	306°	-1°	2.3dB	239°K	383117	-229 Hz
2026-09-25 Friday	20:00	259°	+7°	0 dB	0°	259°	+7°	313°	-1°	2.3dB	239°K	383027	-240 Hz
2026-09-25 Friday	20:30	265°	+2°	0 dB	0°	265°	+2°	320°	-1°	2.3dB	239°K	382937	-245 Hz
2026-09-26 Saturday	09:30	091°	+3°	0 dB	0°	091°	+3°	149°	+2°	2.2dB	239°K	380662	+350 Hz
2026-09-26 Saturday	10:00	096°	+8°	0 dB	0°	096°	+8°	156°	+2°	2.2dB	239°K	380577	+347 Hz
2026-09-26 Saturday	10:30	101°	+13°	0 dB	0°	101°	+13°	164°	+2°	2.2dB	239°K	380493	+339 Hz
2026-09-26 Saturday	11:00	107°	+18°	0 dB	0°	107°	+18°	171°	+3°	2.2dB	239°K	380408	+326 Hz
2026-09-26 Saturday	11:30	113°	+23°	0 dB	0°	113°	+23°	178°	+3°	2.2dB	239°K	380324	+308 Hz
2026-09-26 Saturday	12:00	119°	+28°	0 dB	0°	119°	+28°	186°	+3°	2.2dB	239°K	380240	+286 Hz
2026-09-26 Saturday	12:30	126°	+32°	0 dB	0°	126°	+32°	193°	+3°	2.2dB	239°K	380157	+260 Hz
2026-09-26 Saturday	13:00	133°	+36°	0 dB	0°	133°	+36°	200°	+3°	2.3dB	244°K	380073	+231 Hz
2026-09-26 Saturday	13:30	141°	+40°	0 dB	0°	141°	+40°	207°	+3°	2.2dB	244°K	379990	+198 Hz
2026-09-26 Saturday	14:00	150°	+43°	0 dB	0°	150°	+43°	215°	+3°	2.3dB	245°K	379907	+162 Hz
2026-09-26 Saturday	14:30	160°	+45°	0 dB	0°	160°	+45°	222°	+3°	2.3dB	245°K	379824	+125 Hz
2026-09-26 Saturday	15:00	170°	+46°	0 dB	0°	170°	+46°	229°	+4°	2.3dB	246°K	379742	+86 Hz
2026-09-26 Saturday	15:30	181°	+47°	0 dB	0°	181°	+47°	236°	+4°	2.3dB	247°K	379660	+47 Hz
2026-09-26 Saturday	16:00	191°	+47°	0 dB	0°	191°	+47°	244°	+4°	2.3dB	247°K	379578	+8 Hz
2026-09-26 Saturday	16:30	202°	+45°	0 dB	0°	202°	+45°	251°	+4°	2.3dB	248°K	379496	-31 Hz
2026-09-26 Saturday	17:00	211°	+43°	0 dB	0°	211°	+43°	258°	+4°	2.3dB	248°K	379414	-68 Hz
2026-09-26 Saturday	17:30	221°	+40°	0 dB	0°	221°	+40°	266°	+4°	2.3dB	249°K	379333	-103 Hz
2026-09-26 Saturday	18:00	229°	+37°	0 dB	0°	229°	+37°	273°	+4°	2.3dB	249°K	379252	-135 Hz
2026-09-26 Saturday	18:30	236°	+33°	0 dB	0°	236°	+33°	280°	+5°	2.3dB	250°K	379171	-165 Hz
2026-09-26 Saturday	19:00	243°	+29°	0 dB	0°	243°	+29°	287°	+5°	2.3dB	251°K	379091	-190 Hz
2026-09-26 Saturday	19:30	250°	+24°	0 dB	0°	250°	+24°	295°	+5°	2.3dB	251°K	379011	-211 Hz
2026-09-26 Saturday	20:00	256°	+19°	0 dB	0°	256°	+19°	302°	+5°	2.3dB	252°K	378931	-228 Hz
2026-09-26 Saturday	20:30	261°	+14°	0 dB	0°	261°	+14°	309°	+5°	2.3dB	252°K	378851	-241 Hz
2026-09-26 Saturday	21:00	267°	+9°	0 dB	0°	267°	+9°	316°	+5°	2.3dB	253°K	378772	-248 Hz
2026-09-26 Saturday	21:30	272°	+5°	0 dB	0°	272°	+5°	324°	+5°	2.3dB	254°K	378692	-251 Hz
2026-09-26 Saturday	22:00	277°	-0°	0 dB	0°	277°	-0°	331°	+5°	2.3dB	254°K	378613	-249 Hz
2026-09-27 Sunday	09:30	078°	-0°	0 dB	0°	078°	-0°	138°	+8°	2.4dB	268°K	376877	+337 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-27 Sunday	10:00	084°	+5°	0 dB	0°	084°	+5°	145°	+9°	2.4dB	268°K	376805	+341 Hz
2026-09-27 Sunday	10:30	089°	+10°	0 dB	0°	089°	+10°	153°	+9°	2.4dB	269°K	376733	+340 Hz
2026-09-27 Sunday	11:00	094°	+15°	0 dB	0°	094°	+15°	160°	+9°	2.5dB	270°K	376662	+334 Hz
2026-09-27 Sunday	11:30	099°	+20°	0 dB	0°	099°	+20°	167°	+9°	2.4dB	270°K	376591	+323 Hz
2026-09-27 Sunday	12:00	105°	+25°	0 dB	0°	105°	+25°	174°	+9°	2.5dB	271°K	376520	+308 Hz
2026-09-27 Sunday	12:30	111°	+30°	0 dB	0°	111°	+30°	182°	+9°	2.5dB	271°K	376450	+289 Hz
2026-09-27 Sunday	13:00	117°	+35°	0 dB	0°	117°	+35°	189°	+9°	2.5dB	272°K	376380	+265 Hz
2026-09-27 Sunday	13:30	124°	+39°	0 dB	0°	124°	+39°	196°	+9°	2.5dB	273°K	376310	+237 Hz
2026-09-27 Sunday	14:00	132°	+43°	0 dB	0°	132°	+43°	203°	+10°	2.5dB	273°K	376241	+206 Hz
2026-09-27 Sunday	14:30	141°	+47°	0 dB	0°	141°	+47°	211°	+10°	2.5dB	274°K	376172	+173 Hz
2026-09-27 Sunday	15:00	151°	+50°	0 dB	0°	151°	+50°	218°	+10°	2.5dB	274°K	376103	+137 Hz
2026-09-27 Sunday	15:30	162°	+52°	0 dB	0°	162°	+52°	225°	+10°	2.5dB	275°K	376034	+99 Hz
2026-09-27 Sunday	16:00	174°	+53°	0 dB	0°	174°	+53°	232°	+10°	2.5dB	276°K	375966	+60 Hz
2026-09-27 Sunday	16:30	186°	+53°	0 dB	0°	186°	+53°	240°	+10°	2.5dB	276°K	375898	+21 Hz
2026-09-27 Sunday	17:00	198°	+52°	0 dB	0°	198°	+52°	247°	+10°	2.5dB	277°K	375831	-17 Hz
2026-09-27 Sunday	17:30	209°	+51°	0 dB	0°	209°	+51°	254°	+11°	2.5dB	277°K	375764	-55 Hz
2026-09-27 Sunday	18:00	219°	+48°	0 dB	0°	219°	+48°	261°	+11°	2.5dB	278°K	375697	-91 Hz
2026-09-27 Sunday	18:30	229°	+44°	0 dB	0°	229°	+44°	269°	+11°	2.5dB	279°K	375630	-124 Hz
2026-09-27 Sunday	19:00	237°	+40°	0 dB	0°	237°	+40°	276°	+11°	2.5dB	279°K	375564	-155 Hz
2026-09-27 Sunday	19:30	244°	+36°	0 dB	0°	244°	+36°	283°	+11°	2.5dB	280°K	375498	-182 Hz
2026-09-27 Sunday	20:00	251°	+31°	0 dB	0°	251°	+31°	290°	+11°	2.5dB	281°K	375433	-205 Hz
2026-09-27 Sunday	20:30	257°	+27°	0 dB	0°	257°	+27°	298°	+11°	2.5dB	281°K	375368	-224 Hz
2026-09-27 Sunday	21:00	263°	+22°	0 dB	0°	263°	+22°	305°	+11°	2.5dB	282°K	375303	-239 Hz
2026-09-27 Sunday	21:30	268°	+17°	0 dB	0°	268°	+17°	312°	+12°	2.5dB	282°K	375238	-249 Hz
2026-09-27 Sunday	22:00	273°	+12°	0 dB	0°	273°	+12°	320°	+12°	2.6dB	283°K	375174	-254 Hz
2026-09-27 Sunday	22:30	279°	+7°	0 dB	0°	279°	+7°	327°	+12°	2.6dB	284°K	375110	-255 Hz
2026-09-27 Sunday	23:00	284°	+2°	0 dB	0°	284°	+2°	334°	+12°	2.6dB	284°K	375047	-251 Hz
2026-09-28 Monday	10:00	071°	+1°	0 dB	0°	071°	+1°	134°	+15°	2.7dB	297°K	373738	+317 Hz
2026-09-28 Monday	10:30	076°	+6°	0 dB	0°	076°	+6°	141°	+15°	2.7dB	297°K	373683	+323 Hz
2026-09-28 Monday	11:00	081°	+11°	0 dB	0°	081°	+11°	148°	+15°	2.7dB	297°K	373627	+325 Hz
2026-09-28 Monday	11:30	086°	+16°	0 dB	0°	086°	+16°	155°	+15°	2.7dB	298°K	373573	+322 Hz
2026-09-28 Monday	12:00	091°	+21°	0 dB	0°	091°	+21°	163°	+15°	2.7dB	298°K	373518	+315 Hz
2026-09-28 Monday	12:30	096°	+26°	0 dB	0°	096°	+26°	170°	+15°	2.7dB	298°K	373464	+303 Hz
2026-09-28 Monday	13:00	102°	+31°	0 dB	0°	102°	+31°	177°	+15°	2.7dB	299°K	373411	+286 Hz
2026-09-28 Monday	13:30	108°	+36°	0 dB	0°	108°	+36°	184°	+15°	2.7dB	299°K	373357	+265 Hz
2026-09-28 Monday	14:00	115°	+41°	0 dB	0°	115°	+41°	191°	+16°	2.7dB	299°K	373305	+241 Hz
2026-09-28 Monday	14:30	122°	+46°	0 dB	0°	122°	+46°	199°	+16°	2.7dB	300°K	373252	+212 Hz
2026-09-28 Monday	15:00	131°	+50°	0 dB	0°	131°	+50°	206°	+16°	2.7dB	300°K	373200	+181 Hz
2026-09-28 Monday	15:30	140°	+54°	0 dB	0°	140°	+54°	213°	+16°	2.7dB	300°K	373148	+147 Hz
2026-09-28 Monday	16:00	152°	+57°	0 dB	0°	152°	+57°	220°	+16°	2.7dB	301°K	373096	+111 Hz
2026-09-28 Monday	16:30	164°	+59°	0 dB	0°	164°	+59°	228°	+16°	2.7dB	301°K	373045	+74 Hz
2026-09-28 Monday	17:00	178°	+60°	0 dB	0°	178°	+60°	235°	+16°	2.7dB	301°K	372994	+36 Hz
2026-09-28 Monday	17:30	192°	+59°	0 dB	0°	192°	+59°	242°	+16°	2.7dB	301°K	372944	-2 Hz
2026-09-28 Monday	18:00	205°	+58°	0 dB	0°	205°	+58°	249°	+16°	2.7dB	302°K	372894	-39 Hz
2026-09-28 Monday	18:30	217°	+55°	0 dB	0°	217°	+55°	257°	+17°	2.7dB	302°K	372844	-75 Hz
2026-09-28 Monday	19:00	227°	+52°	0 dB	0°	227°	+52°	264°	+17°	2.7dB	302°K	372795	-109 Hz
2026-09-28 Monday	19:30	236°	+48°	0 dB	0°	236°	+48°	271°	+17°	2.7dB	303°K	372746	-141 Hz
2026-09-28 Monday	20:00	244°	+44°	0 dB	0°	244°	+44°	278°	+17°	2.7dB	303°K	372698	-169 Hz
2026-09-28 Monday	20:30	251°	+39°	0 dB	0°	251°	+39°	286°	+17°	2.7dB	303°K	372649	-194 Hz
2026-09-28 Monday	21:00	258°	+34°	0 dB	0°	258°	+34°	293°	+17°	2.7dB	304°K	372601	-216 Hz
2026-09-28 Monday	21:30	264°	+29°	0 dB	0°	264°	+29°	300°	+17°	2.7dB	304°K	372554	-233 Hz
2026-09-28 Monday	22:00	269°	+24°	0 dB	0°	269°	+24°	307°	+17°	2.7dB	306°K	372507	-246 Hz
2026-09-28 Monday	22:30	274°	+19°	0 dB	0°	274°	+19°	315°	+17°	2.7dB	308°K	372460	-254 Hz
2026-09-28 Monday	23:00	279°	+15°	0 dB	0°	279°	+15°	322°	+18°	2.7dB	309°K	372414	-258 Hz
2026-09-28 Monday	23:30	285°	+10°	0 dB	0°	285°	+10°	329°	+18°	2.8dB	311°K	372368	-257 Hz
2026-09-29 Tuesday	00:00	290°	+5°	0 dB	0°	290°	+5°	336°	+18°	2.8dB	313°K	372322	-251 Hz
2026-09-29 Tuesday	00:30	295°	+0°	0 dB	0°	295°	+0°	343°	+18°	2.8dB	314°K	372277	-241 Hz
2026-09-29 Tuesday	10:30	064°	+2°	0 dB	0°	064°	+2°	128°	+20°	3.1dB	348°K	371447	+291 Hz
2026-09-29 Tuesday	11:00	068°	+6°	0 dB	0°	068°	+6°	135°	+20°	3.1dB	349°K	371410	+300 Hz
2026-09-29 Tuesday	11:30	073°	+11°	0 dB	0°	073°	+11°	143°	+20°	3.1dB	349°K	371372	+305 Hz
2026-09-29 Tuesday	12:00	078°	+16°	0 dB	0°	078°	+16°	150°	+20°	3.1dB	350°K	371335	+306 Hz
2026-09-29 Tuesday	12:30	083°	+21°	0 dB	0°	083°	+21°	157°	+20°	3.2dB	351°K	371299	+302 Hz
2026-09-29 Tuesday	13:00	088°	+26°	0 dB	0°	088°	+26°	164°	+21°	3.2dB	352°K	371263	+293 Hz
2026-09-29 Tuesday	13:30	093°	+31°	0 dB	0°	093°	+31°	171°	+21°	3.2dB	353°K	371227	+281 Hz
2026-09-29 Tuesday	14:00	099°	+36°	0 dB	0°	099°	+36°	179°	+21°	3.2dB	354°K	371191	+263 Hz
2026-09-29 Tuesday	14:30	105°	+41°	0 dB	0°	105°	+41°	186°	+21°	3.2dB	355°K	371156	+242 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-09-29 Tuesday	15:00	111°	+46°	0 dB	0°	111°	+46°	193°	+21°	3.2dB	355°K	371121	+218 Hz
2026-09-29 Tuesday	15:30	119°	+51°	0 dB	0°	119°	+51°	200°	+21°	3.2dB	356°K	371087	+190 Hz
2026-09-29 Tuesday	16:00	128°	+55°	0 dB	0°	128°	+55°	208°	+21°	3.2dB	357°K	371053	+159 Hz
2026-09-29 Tuesday	16:30	138°	+59°	0 dB	0°	138°	+59°	215°	+21°	3.2dB	358°K	371019	+125 Hz
2026-09-29 Tuesday	17:00	151°	+62°	0 dB	0°	151°	+62°	222°	+21°	3.2dB	359°K	370986	+90 Hz
2026-09-29 Tuesday	17:30	165°	+64°	0 dB	0°	165°	+64°	229°	+21°	3.2dB	360°K	370953	+54 Hz
2026-09-29 Tuesday	18:00	181°	+65°	0 dB	0°	181°	+65°	236°	+21°	3.2dB	361°K	370920	+18 Hz
2026-09-29 Tuesday	18:30	197°	+64°	0 dB	0°	197°	+64°	244°	+22°	3.3dB	362°K	370888	-19 Hz
2026-09-29 Tuesday	19:00	211°	+62°	0 dB	0°	211°	+62°	251°	+22°	3.3dB	362°K	370856	-55 Hz
2026-09-29 Tuesday	19:30	224°	+59°	0 dB	0°	224°	+59°	258°	+22°	3.3dB	363°K	370825	-89 Hz
2026-09-29 Tuesday	20:00	234°	+55°	0 dB	0°	234°	+55°	265°	+22°	3.3dB	364°K	370793	-122 Hz
2026-09-29 Tuesday	20:30	243°	+51°	0 dB	0°	243°	+51°	273°	+22°	3.3dB	365°K	370763	-152 Hz
2026-09-29 Tuesday	21:00	251°	+47°	0 dB	0°	251°	+47°	280°	+22°	3.3dB	366°K	370732	-179 Hz
2026-09-29 Tuesday	21:30	257°	+42°	0 dB	0°	257°	+42°	287°	+22°	3.3dB	367°K	370702	-202 Hz
2026-09-29 Tuesday	22:00	263°	+37°	0 dB	0°	263°	+37°	294°	+22°	3.3dB	368°K	370672	-222 Hz
2026-09-29 Tuesday	22:30	269°	+32°	0 dB	0°	269°	+32°	301°	+22°	3.3dB	369°K	370643	-238 Hz
2026-09-29 Tuesday	23:00	274°	+27°	0 dB	0°	274°	+27°	309°	+22°	3.3dB	369°K	370614	-250 Hz
2026-09-29 Tuesday	23:30	279°	+22°	0 dB	0°	279°	+22°	316°	+22°	3.3dB	368°K	370585	-257 Hz
2026-09-30 Wednesday	00:00	284°	+17°	0 dB	0°	284°	+17°	323°	+23°	3.3dB	367°K	370557	-260 Hz
2026-09-30 Wednesday	00:30	289°	+12°	0 dB	0°	289°	+12°	330°	+23°	3.3dB	366°K	370529	-258 Hz
2026-09-30 Wednesday	01:00	294°	+8°	0 dB	0°	294°	+8°	337°	+23°	3.3dB	365°K	370501	-252 Hz
2026-09-30 Wednesday	01:30	299°	+3°	0 dB	0°	299°	+3°	345°	+23°	3.3dB	365°K	370474	-242 Hz
2026-09-30 Wednesday	11:00	056°	+1°	0 dB	0°	056°	+1°	122°	+24°	3.1dB	348°K	370021	+261 Hz
2026-09-30 Wednesday	11:30	061°	+5°	0 dB	0°	061°	+5°	129°	+24°	3.1dB	348°K	370000	+273 Hz
2026-09-30 Wednesday	12:00	066°	+10°	0 dB	0°	066°	+10°	136°	+24°	3.1dB	349°K	369980	+282 Hz
2026-09-30 Wednesday	12:30	071°	+15°	0 dB	0°	071°	+15°	143°	+25°	3.1dB	350°K	369960	+286 Hz
2026-09-30 Wednesday	13:00	075°	+20°	0 dB	0°	075°	+20°	151°	+25°	3.1dB	351°K	369941	+286 Hz
2026-09-30 Wednesday	13:30	080°	+24°	0 dB	0°	080°	+24°	158°	+25°	3.1dB	352°K	369922	+282 Hz
2026-09-30 Wednesday	14:00	085°	+30°	0 dB	0°	085°	+30°	165°	+25°	3.1dB	353°K	369903	+274 Hz
2026-09-30 Wednesday	14:30	090°	+35°	0 dB	0°	090°	+35°	172°	+25°	3.1dB	354°K	369884	+261 Hz
2026-09-30 Wednesday	15:00	095°	+40°	0 dB	0°	095°	+40°	179°	+25°	3.1dB	355°K	369866	+244 Hz
2026-09-30 Wednesday	15:30	101°	+45°	0 dB	0°	101°	+45°	187°	+25°	3.1dB	356°K	369848	+223 Hz
2026-09-30 Wednesday	16:00	107°	+50°	0 dB	0°	107°	+50°	194°	+25°	3.2dB	357°K	369831	+199 Hz
2026-09-30 Wednesday	16:30	115°	+54°	0 dB	0°	115°	+54°	201°	+25°	3.2dB	358°K	369814	+172 Hz
2026-09-30 Wednesday	17:00	124°	+59°	0 dB	0°	124°	+59°	208°	+25°	3.2dB	359°K	369797	+142 Hz
2026-09-30 Wednesday	17:30	135°	+63°	0 dB	0°	135°	+63°	215°	+25°	3.2dB	359°K	369781	+109 Hz
2026-09-30 Wednesday	18:00	148°	+66°	0 dB	0°	148°	+66°	223°	+25°	3.2dB	360°K	369764	+76 Hz
2026-09-30 Wednesday	18:30	164°	+68°	0 dB	0°	164°	+68°	230°	+25°	3.2dB	361°K	369748	+41 Hz
2026-09-30 Wednesday	19:00	182°	+69°	0 dB	0°	182°	+69°	237°	+25°	3.2dB	362°K	369733	+5 Hz
2026-09-30 Wednesday	19:30	200°	+68°	0 dB	0°	200°	+68°	244°	+25°	3.2dB	363°K	369718	-30 Hz
2026-09-30 Wednesday	20:00	216°	+66°	0 dB	0°	216°	+66°	251°	+26°	3.2dB	364°K	369703	-65 Hz
2026-09-30 Wednesday	20:30	229°	+62°	0 dB	0°	229°	+62°	259°	+26°	3.2dB	365°K	369688	-98 Hz
2026-09-30 Wednesday	21:00	239°	+58°	0 dB	0°	239°	+58°	266°	+26°	3.2dB	366°K	369674	-129 Hz
2026-09-30 Wednesday	21:30	248°	+54°	0 dB	0°	248°	+54°	273°	+26°	3.2dB	367°K	369660	-158 Hz
2026-09-30 Wednesday	22:00	255°	+49°	0 dB	0°	255°	+49°	280°	+26°	3.3dB	368°K	369647	-184 Hz
2026-09-30 Wednesday	22:30	262°	+44°	0 dB	0°	262°	+44°	287°	+26°	3.3dB	369°K	369633	-207 Hz
2026-09-30 Wednesday	23:00	267°	+39°	0 dB	0°	267°	+39°	295°	+26°	3.3dB	370°K	369620	-226 Hz
2026-09-30 Wednesday	23:30	272°	+34°	0 dB	0°	272°	+34°	302°	+26°	3.3dB	371°K	369608	-241 Hz
2026-10-01 Thursday	00:00	277°	+29°	0 dB	0°	277°	+29°	309°	+26°	3.3dB	373°K	369595	-252 Hz
2026-10-01 Thursday	00:30	282°	+24°	0 dB	0°	282°	+24°	316°	+26°	3.3dB	374°K	369583	-259 Hz
2026-10-01 Thursday	01:00	287°	+19°	0 dB	0°	287°	+19°	323°	+26°	3.3dB	375°K	369571	-262 Hz
2026-10-01 Thursday	01:30	292°	+15°	0 dB	0°	292°	+15°	331°	+26°	3.3dB	377°K	369560	-260 Hz
2026-10-01 Thursday	02:00	296°	+10°	0 dB	0°	296°	+10°	338°	+26°	3.4dB	378°K	369549	-255 Hz
2026-10-01 Thursday	02:30	301°	+6°	0 dB	0°	301°	+6°	345°	+26°	3.4dB	379°K	369538	-245 Hz
2026-10-01 Thursday	03:00	306°	+2°	0 dB	0°	306°	+2°	352°	+26°	3.4dB	380°K	369528	-231 Hz
2026-10-01 Thursday	12:00	054°	+3°	0 dB	0°	054°	+3°	122°	+27°	3.6dB	405°K	369390	+245 Hz
2026-10-01 Thursday	12:30	059°	+7°	0 dB	0°	059°	+7°	129°	+27°	3.6dB	407°K	369385	+257 Hz
2026-10-01 Thursday	13:00	064°	+12°	0 dB	0°	064°	+12°	136°	+27°	3.6dB	408°K	369381	+266 Hz
2026-10-01 Thursday	13:30	069°	+16°	0 dB	0°	069°	+16°	143°	+27°	3.6dB	410°K	369376	+270 Hz
2026-10-01 Thursday	14:00	073°	+21°	0 dB	0°	073°	+21°	150°	+27°	3.7dB	411°K	369372	+271 Hz
2026-10-01 Thursday	14:30	078°	+26°	0 dB	0°	078°	+26°	158°	+27°	3.7dB	413°K	369369	+267 Hz
2026-10-01 Thursday	15:00	082°	+31°	0 dB	0°	082°	+31°	165°	+27°	3.7dB	414°K	369365	+259 Hz
2026-10-01 Thursday	15:30	087°	+36°	0 dB	0°	087°	+36°	172°	+27°	3.7dB	416°K	369362	+246 Hz
2026-10-01 Thursday	16:00	092°	+41°	0 dB	0°	092°	+41°	179°	+27°	3.7dB	417°K	369359	+230 Hz
2026-10-01 Thursday	16:30	098°	+46°	0 dB	0°	098°	+46°	186°	+27°	3.7dB	419°K	369357	+210 Hz
2026-10-01 Thursday	17:00	104°	+51°	0 dB	0°	104°	+51°	193°	+27°	3.7dB	421°K	369354	+187 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-01 Thursday	17:30	112°	+56°	0 dB	0°	112°	+56°	201°	+27°	3.8dB	422°K	369352	+160 Hz
2026-10-01 Thursday	18:00	120°	+60°	0 dB	0°	120°	+60°	208°	+28°	3.8dB	424°K	369351	+131 Hz
2026-10-01 Thursday	18:30	131°	+65°	0 dB	0°	131°	+65°	215°	+28°	3.8dB	425°K	369349	+100 Hz
2026-10-01 Thursday	19:00	145°	+68°	0 dB	0°	145°	+68°	222°	+28°	3.8dB	427°K	369348	+67 Hz
2026-10-01 Thursday	19:30	162°	+70°	0 dB	0°	162°	+70°	229°	+28°	3.8dB	428°K	369347	+33 Hz
2026-10-01 Thursday	20:00	182°	+71°	0 dB	0°	182°	+71°	237°	+28°	3.8dB	430°K	369346	-2 Hz
2026-10-01 Thursday	20:30	201°	+70°	0 dB	0°	201°	+70°	244°	+28°	3.8dB	431°K	369346	-36 Hz
2026-10-01 Thursday	21:00	218°	+68°	0 dB	0°	218°	+68°	251°	+28°	3.9dB	433°K	369346	-70 Hz
2026-10-01 Thursday	21:30	231°	+64°	0 dB	0°	231°	+64°	258°	+28°	3.9dB	434°K	369346	-103 Hz
2026-10-01 Thursday	22:00	241°	+60°	0 dB	0°	241°	+60°	265°	+28°	3.9dB	437°K	369346	-134 Hz
2026-10-01 Thursday	22:30	250°	+55°	0 dB	0°	250°	+55°	273°	+28°	3.9dB	440°K	369347	-162 Hz
2026-10-01 Thursday	23:00	257°	+51°	0 dB	0°	257°	+51°	280°	+28°	3.9dB	443°K	369348	-188 Hz
2026-10-01 Thursday	23:30	263°	+46°	0 dB	0°	263°	+46°	287°	+28°	4.0dB	446°K	369349	-211 Hz
2026-10-02 Friday	00:00	269°	+41°	0 dB	0°	269°	+41°	294°	+28°	4.0dB	449°K	369351	-230 Hz
2026-10-02 Friday	00:30	274°	+36°	0 dB	0°	274°	+36°	301°	+28°	4.0dB	452°K	369353	-245 Hz
2026-10-02 Friday	01:00	279°	+31°	0 dB	0°	279°	+31°	308°	+28°	4.0dB	455°K	369355	-257 Hz
2026-10-02 Friday	01:30	283°	+26°	0 dB	0°	283°	+26°	316°	+28°	4.1dB	458°K	369357	-264 Hz
2026-10-02 Friday	02:00	288°	+21°	0 dB	0°	288°	+21°	323°	+28°	4.1dB	461°K	369359	-267 Hz
2026-10-02 Friday	02:30	293°	+16°	0 dB	0°	293°	+16°	330°	+28°	4.1dB	463°K	369362	-266 Hz
2026-10-02 Friday	03:00	297°	+12°	0 dB	0°	297°	+12°	337°	+28°	4.1dB	466°K	369365	-260 Hz
2026-10-02 Friday	03:30	302°	+7°	0 dB	0°	302°	+7°	344°	+28°	4.2dB	469°K	369369	-251 Hz
2026-10-02 Friday	04:00	307°	+3°	0 dB	0°	307°	+3°	352°	+28°	4.2dB	472°K	369372	-238 Hz
2026-10-02 Friday	12:30	048°	-0°	0 dB	0°	048°	-0°	114°	+28°	4.4dB	500°K	369471	+216 Hz
2026-10-02 Friday	13:00	053°	+4°	0 dB	0°	053°	+4°	121°	+28°	4.4dB	500°K	369479	+233 Hz
2026-10-02 Friday	13:30	058°	+8°	0 dB	0°	058°	+8°	128°	+28°	4.4dB	500°K	369488	+245 Hz
2026-10-02 Friday	14:00	063°	+12°	0 dB	0°	063°	+12°	135°	+28°	4.4dB	500°K	369496	+255 Hz
2026-10-02 Friday	14:30	068°	+17°	0 dB	0°	068°	+17°	142°	+28°	4.4dB	500°K	369505	+260 Hz
2026-10-02 Friday	15:00	072°	+21°	0 dB	0°	072°	+21°	150°	+28°	4.4dB	500°K	369514	+260 Hz
2026-10-02 Friday	15:30	077°	+26°	0 dB	0°	077°	+26°	157°	+28°	4.4dB	500°K	369523	+257 Hz
2026-10-02 Friday	16:00	081°	+31°	0 dB	0°	081°	+31°	164°	+28°	4.4dB	500°K	369533	+250 Hz
2026-10-02 Friday	16:30	086°	+36°	0 dB	0°	086°	+36°	171°	+28°	4.4dB	500°K	369542	+238 Hz
2026-10-02 Friday	17:00	091°	+41°	0 dB	0°	091°	+41°	178°	+28°	4.4dB	500°K	369552	+223 Hz
2026-10-02 Friday	17:30	097°	+46°	0 dB	0°	097°	+46°	186°	+28°	4.4dB	500°K	369563	+203 Hz
2026-10-02 Friday	18:00	103°	+51°	0 dB	0°	103°	+51°	193°	+28°	4.4dB	500°K	369573	+181 Hz
2026-10-02 Friday	18:30	110°	+56°	0 dB	0°	110°	+56°	200°	+28°	4.4dB	500°K	369584	+155 Hz
2026-10-02 Friday	19:00	119°	+60°	0 dB	0°	119°	+60°	207°	+28°	4.4dB	500°K	369595	+126 Hz
2026-10-02 Friday	19:30	129°	+65°	0 dB	0°	129°	+65°	214°	+28°	4.4dB	500°K	369606	+95 Hz
2026-10-02 Friday	20:00	143°	+68°	0 dB	0°	143°	+68°	222°	+28°	4.4dB	499°K	369617	+62 Hz
2026-10-02 Friday	20:30	160°	+70°	0 dB	0°	160°	+70°	229°	+28°	4.4dB	495°K	369628	+29 Hz
2026-10-02 Friday	21:00	180°	+71°	0 dB	0°	180°	+71°	236°	+28°	4.4dB	491°K	369640	-6 Hz
2026-10-02 Friday	21:30	199°	+71°	0 dB	0°	199°	+71°	243°	+28°	4.3dB	488°K	369652	-40 Hz
2026-10-02 Friday	22:00	216°	+68°	0 dB	0°	216°	+68°	250°	+28°	4.3dB	484°K	369664	-74 Hz
2026-10-02 Friday	22:30	230°	+65°	0 dB	0°	230°	+65°	257°	+28°	4.3dB	480°K	369677	-107 Hz
2026-10-02 Friday	23:00	241°	+60°	0 dB	0°	241°	+60°	265°	+28°	4.2dB	476°K	369690	-138 Hz
2026-10-02 Friday	23:30	249°	+56°	0 dB	0°	249°	+56°	272°	+28°	4.2dB	472°K	369703	-167 Hz
2026-10-03 Saturday	00:00	256°	+51°	0 dB	0°	256°	+51°	279°	+28°	4.2dB	468°K	369716	-193 Hz
2026-10-03 Saturday	00:30	263°	+46°	0 dB	0°	263°	+46°	286°	+28°	4.1dB	464°K	369729	-216 Hz
2026-10-03 Saturday	01:00	268°	+41°	0 dB	0°	268°	+41°	293°	+28°	4.1dB	461°K	369743	-236 Hz
2026-10-03 Saturday	01:30	273°	+36°	0 dB	0°	273°	+36°	301°	+28°	4.1dB	457°K	369756	-252 Hz
2026-10-03 Saturday	02:00	278°	+31°	0 dB	0°	278°	+31°	308°	+28°	4.0dB	453°K	369770	-264 Hz
2026-10-03 Saturday	02:30	283°	+26°	0 dB	0°	283°	+26°	315°	+28°	4.0dB	449°K	369785	-272 Hz
2026-10-03 Saturday	03:00	287°	+21°	0 dB	0°	287°	+21°	322°	+28°	4.0dB	445°K	369799	-275 Hz
2026-10-03 Saturday	03:30	292°	+16°	0 dB	0°	292°	+16°	329°	+28°	3.9dB	441°K	369814	-275 Hz
2026-10-03 Saturday	04:00	297°	+12°	0 dB	0°	297°	+12°	337°	+28°	3.9dB	437°K	369829	-270 Hz
2026-10-03 Saturday	04:30	301°	+7°	0 dB	0°	301°	+7°	344°	+28°	3.9dB	434°K	369844	-261 Hz
2026-10-03 Saturday	05:00	306°	+3°	0 dB	0°	306°	+3°	351°	+27°	3.9dB	430°K	369859	-248 Hz
2026-10-03 Saturday	14:00	054°	+2°	0 dB	0°	054°	+2°	120°	+27°	3.5dB	387°K	370171	+226 Hz
2026-10-03 Saturday	14:30	059°	+6°	0 dB	0°	059°	+6°	128°	+27°	3.5dB	385°K	370190	+240 Hz
2026-10-03 Saturday	15:00	063°	+11°	0 dB	0°	063°	+11°	135°	+27°	3.4dB	383°K	370209	+249 Hz
2026-10-03 Saturday	15:30	068°	+15°	0 dB	0°	068°	+15°	142°	+27°	3.4dB	381°K	370229	+255 Hz
2026-10-03 Saturday	16:00	073°	+20°	0 dB	0°	073°	+20°	149°	+27°	3.4dB	379°K	370249	+256 Hz
2026-10-03 Saturday	16:30	077°	+25°	0 dB	0°	077°	+25°	156°	+27°	3.4dB	377°K	370269	+254 Hz
2026-10-03 Saturday	17:00	082°	+30°	0 dB	0°	082°	+30°	163°	+27°	3.4dB	375°K	370289	+247 Hz
2026-10-03 Saturday	17:30	087°	+35°	0 dB	0°	087°	+35°	171°	+27°	3.3dB	374°K	370310	+235 Hz
2026-10-03 Saturday	18:00	092°	+40°	0 dB	0°	092°	+40°	178°	+27°	3.3dB	372°K	370331	+220 Hz
2026-10-03 Saturday	18:30	098°	+45°	0 dB	0°	098°	+45°	185°	+26°	3.3dB	370°K	370352	+201 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-03 Saturday	19:00	104°	+50°	0 dB	0°	104°	+50°	192°	+26°	3.3dB	367°K	370373	+178 Hz
2026-10-03 Saturday	19:30	112°	+54°	0 dB	0°	112°	+54°	199°	+26°	3.3dB	364°K	370394	+152 Hz
2026-10-03 Saturday	20:00	120°	+59°	0 dB	0°	120°	+59°	207°	+26°	3.2dB	362°K	370415	+123 Hz
2026-10-03 Saturday	20:30	131°	+63°	0 dB	0°	131°	+63°	214°	+26°	3.2dB	359°K	370437	+92 Hz
2026-10-03 Saturday	21:00	144°	+66°	0 dB	0°	144°	+66°	221°	+26°	3.2dB	356°K	370459	+59 Hz
2026-10-03 Saturday	21:30	160°	+69°	0 dB	0°	160°	+69°	228°	+26°	3.1dB	353°K	370481	+25 Hz
2026-10-03 Saturday	22:00	178°	+70°	0 dB	0°	178°	+70°	235°	+26°	3.1dB	350°K	370503	-10 Hz
2026-10-03 Saturday	22:30	197°	+69°	0 dB	0°	197°	+69°	243°	+26°	3.1dB	348°K	370526	-45 Hz
2026-10-03 Saturday	23:00	213°	+67°	0 dB	0°	213°	+67°	250°	+26°	3.1dB	345°K	370549	-80 Hz
2026-10-03 Saturday	23:30	227°	+63°	0 dB	0°	227°	+63°	257°	+26°	3.0dB	342°K	370571	-114 Hz
2026-10-04 Sunday	00:00	238°	+59°	0 dB	0°	238°	+59°	264°	+26°	3.0dB	339°K	370594	-145 Hz
2026-10-04 Sunday	00:30	246°	+55°	0 dB	0°	246°	+55°	271°	+26°	3.0dB	336°K	370618	-175 Hz
2026-10-04 Sunday	01:00	254°	+50°	0 dB	0°	254°	+50°	279°	+26°	2.9dB	334°K	370641	-202 Hz
2026-10-04 Sunday	01:30	260°	+45°	0 dB	0°	260°	+45°	286°	+26°	2.9dB	331°K	370665	-226 Hz
2026-10-04 Sunday	02:00	266°	+40°	0 dB	0°	266°	+40°	293°	+26°	2.9dB	328°K	370689	-246 Hz
2026-10-04 Sunday	02:30	271°	+35°	0 dB	0°	271°	+35°	300°	+26°	2.8dB	325°K	370713	-263 Hz
2026-10-04 Sunday	03:00	276°	+30°	0 dB	0°	276°	+30°	307°	+26°	2.8dB	323°K	370737	-275 Hz
2026-10-04 Sunday	03:30	281°	+25°	0 dB	0°	281°	+25°	315°	+25°	2.8dB	320°K	370761	-283 Hz
2026-10-04 Sunday	04:00	285°	+20°	0 dB	0°	285°	+20°	322°	+25°	2.8dB	317°K	370786	-287 Hz
2026-10-04 Sunday	04:30	290°	+15°	0 dB	0°	290°	+15°	329°	+25°	2.7dB	314°K	370811	-287 Hz
2026-10-04 Sunday	05:00	295°	+10°	0 dB	0°	295°	+10°	336°	+25°	2.7dB	312°K	370836	-282 Hz
2026-10-04 Sunday	05:30	300°	+6°	0 dB	0°	300°	+6°	343°	+25°	2.7dB	309°K	370861	-274 Hz
2026-10-04 Sunday	06:00	305°	+2°	0 dB	0°	305°	+2°	351°	+25°	2.6dB	306°K	370886	-261 Hz
2026-10-04 Sunday	15:00	056°	+0°	0 dB	0°	056°	+0°	120°	+24°	1.9dB	248°K	371376	+226 Hz
2026-10-04 Sunday	15:30	061°	+4°	0 dB	0°	061°	+4°	128°	+24°	1.9dB	244°K	371405	+240 Hz
2026-10-04 Sunday	16:00	066°	+9°	0 dB	0°	066°	+9°	135°	+24°	1.8dB	241°K	371434	+250 Hz
2026-10-04 Sunday	16:30	070°	+13°	0 dB	0°	070°	+13°	142°	+24°	1.8dB	238°K	371464	+256 Hz
2026-10-04 Sunday	17:00	075°	+18°	0 dB	0°	075°	+18°	149°	+24°	1.7dB	235°K	371493	+257 Hz
2026-10-04 Sunday	17:30	080°	+23°	0 dB	0°	080°	+23°	156°	+24°	1.7dB	231°K	371523	+254 Hz
2026-10-04 Sunday	18:00	085°	+28°	0 dB	0°	085°	+28°	164°	+23°	1.6dB	228°K	371553	+247 Hz
2026-10-04 Sunday	18:30	090°	+33°	0 dB	0°	090°	+33°	171°	+23°	1.6dB	225°K	371583	+235 Hz
2026-10-04 Sunday	19:00	096°	+38°	0 dB	0°	096°	+38°	178°	+23°	1.6dB	224°K	371613	+220 Hz
2026-10-04 Sunday	19:30	102°	+43°	0 dB	0°	102°	+43°	185°	+23°	1.6dB	223°K	371644	+200 Hz
2026-10-04 Sunday	20:00	108°	+48°	0 dB	0°	108°	+48°	193°	+23°	1.5dB	222°K	371674	+176 Hz
2026-10-04 Sunday	20:30	116°	+52°	0 dB	0°	116°	+52°	200°	+23°	1.5dB	221°K	371705	+150 Hz
2026-10-04 Sunday	21:00	125°	+56°	0 dB	0°	125°	+56°	207°	+23°	1.5dB	220°K	371736	+120 Hz
2026-10-04 Sunday	21:30	135°	+60°	0 dB	0°	135°	+60°	214°	+23°	1.5dB	219°K	371768	+88 Hz
2026-10-04 Sunday	22:00	148°	+63°	0 dB	0°	148°	+63°	221°	+23°	1.5dB	218°K	371799	+53 Hz
2026-10-04 Sunday	22:30	163°	+65°	0 dB	0°	163°	+65°	229°	+23°	1.5dB	217°K	371831	+18 Hz
2026-10-04 Sunday	23:00	180°	+66°	0 dB	0°	180°	+66°	236°	+23°	1.5dB	216°K	371862	-18 Hz
2026-10-04 Sunday	23:30	196°	+65°	0 dB	0°	196°	+65°	243°	+23°	1.4dB	215°K	371894	-54 Hz
2026-10-05 Monday	00:00	211°	+63°	0 dB	0°	211°	+63°	250°	+22°	1.4dB	214°K	371927	-90 Hz
2026-10-05 Monday	00:30	223°	+60°	0 dB	0°	223°	+60°	257°	+22°	1.4dB	213°K	371959	-125 Hz
2026-10-05 Monday	01:00	234°	+56°	0 dB	0°	234°	+56°	265°	+22°	1.4dB	212°K	371991	-157 Hz
2026-10-05 Monday	01:30	243°	+52°	0 dB	0°	243°	+52°	272°	+22°	1.4dB	211°K	372024	-188 Hz
2026-10-05 Monday	02:00	250°	+47°	0 dB	0°	250°	+47°	279°	+22°	1.4dB	210°K	372057	-216 Hz
2026-10-05 Monday	02:30	257°	+42°	0 dB	0°	257°	+42°	286°	+22°	1.4dB	209°K	372090	-240 Hz
2026-10-05 Monday	03:00	263°	+37°	0 dB	0°	263°	+37°	294°	+22°	1.3dB	208°K	372124	-261 Hz
2026-10-05 Monday	03:30	268°	+32°	0 dB	0°	268°	+32°	301°	+22°	1.3dB	207°K	372157	-277 Hz
2026-10-05 Monday	04:00	273°	+27°	0 dB	0°	273°	+27°	308°	+22°	1.3dB	205°K	372191	-290 Hz
2026-10-05 Monday	04:30	278°	+22°	0 dB	0°	278°	+22°	315°	+22°	1.3dB	204°K	372225	-298 Hz
2026-10-05 Monday	05:00	283°	+17°	0 dB	0°	283°	+17°	322°	+22°	1.3dB	203°K	372259	-302 Hz
2026-10-05 Monday	05:30	288°	+12°	0 dB	0°	288°	+12°	330°	+21°	1.2dB	202°K	372293	-301 Hz
2026-10-05 Monday	06:00	293°	+7°	0 dB	0°	293°	+7°	337°	+21°	1.2dB	201°K	372327	-296 Hz
2026-10-05 Monday	06:30	297°	+3°	0 dB	0°	297°	+3°	344°	+21°	1.2dB	200°K	372362	-287 Hz
2026-10-05 Monday	16:30	064°	+2°	0 dB	0°	064°	+2°	129°	+19°	0.9dB	180°K	373093	+243 Hz
2026-10-05 Monday	17:00	070°	+6°	0 dB	0°	070°	+6°	136°	+19°	0.9dB	179°K	373132	+253 Hz
2026-10-05 Monday	17:30	075°	+11°	0 dB	0°	075°	+11°	143°	+19°	0.9dB	178°K	373171	+259 Hz
2026-10-05 Monday	18:00	080°	+16°	0 dB	0°	080°	+16°	150°	+19°	0.9dB	177°K	373210	+260 Hz
2026-10-05 Monday	18:30	085°	+21°	0 dB	0°	085°	+21°	158°	+19°	0.8dB	176°K	373249	+256 Hz
2026-10-05 Monday	19:00	090°	+25°	0 dB	0°	090°	+25°	165°	+19°	0.8dB	175°K	373288	+248 Hz
2026-10-05 Monday	19:30	095°	+30°	0 dB	0°	095°	+30°	172°	+19°	0.8dB	174°K	373327	+235 Hz
2026-10-05 Monday	20:00	101°	+35°	0 dB	0°	101°	+35°	179°	+19°	0.8dB	174°K	373367	+218 Hz
2026-10-05 Monday	20:30	107°	+40°	0 dB	0°	107°	+40°	187°	+18°	0.8dB	174°K	373407	+197 Hz
2026-10-05 Monday	21:00	114°	+45°	0 dB	0°	114°	+45°	194°	+18°	0.8dB	174°K	373447	+172 Hz
2026-10-05 Monday	21:30	122°	+49°	0 dB	0°	122°	+49°	201°	+18°	0.8dB	175°K	373487	+144 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-05 Monday	22:00	132°	+53°	0 dB	0°	132°	+53°	208°	+18°	0.8dB	175°K	373528	+112 Hz
2026-10-05 Monday	22:30	142°	+57°	0 dB	0°	142°	+57°	216°	+18°	0.8dB	175°K	373568	+78 Hz
2026-10-05 Monday	23:00	154°	+59°	0 dB	0°	154°	+59°	223°	+18°	0.9dB	176°K	373609	+43 Hz
2026-10-05 Monday	23:30	168°	+61°	0 dB	0°	168°	+61°	230°	+18°	0.9dB	176°K	373650	+6 Hz
2026-10-06 Tuesday	00:00	182°	+61°	0 dB	0°	182°	+61°	237°	+18°	0.9dB	176°K	373692	-32 Hz
2026-10-06 Tuesday	00:30	197°	+60°	0 dB	0°	197°	+60°	244°	+18°	0.9dB	177°K	373733	-69 Hz
2026-10-06 Tuesday	01:00	210°	+58°	0 dB	0°	210°	+58°	252°	+17°	0.9dB	177°K	373775	-106 Hz
2026-10-06 Tuesday	01:30	221°	+55°	0 dB	0°	221°	+55°	259°	+17°	0.9dB	177°K	373816	-141 Hz
2026-10-06 Tuesday	02:00	231°	+51°	0 dB	0°	231°	+51°	266°	+17°	0.9dB	178°K	373858	-175 Hz
2026-10-06 Tuesday	02:30	239°	+47°	0 dB	0°	239°	+47°	273°	+17°	0.9dB	178°K	373901	-206 Hz
2026-10-06 Tuesday	03:00	247°	+42°	0 dB	0°	247°	+42°	281°	+17°	0.9dB	178°K	373943	-234 Hz
2026-10-06 Tuesday	03:30	253°	+37°	0 dB	0°	253°	+37°	288°	+17°	0.9dB	179°K	373985	-258 Hz
2026-10-06 Tuesday	04:00	259°	+32°	0 dB	0°	259°	+32°	295°	+17°	0.9dB	179°K	374028	-279 Hz
2026-10-06 Tuesday	04:30	265°	+27°	0 dB	0°	265°	+27°	302°	+17°	0.9dB	179°K	374071	-295 Hz
2026-10-06 Tuesday	05:00	270°	+22°	0 dB	0°	270°	+22°	310°	+17°	1.0dB	180°K	374114	-307 Hz
2026-10-06 Tuesday	05:30	275°	+17°	0 dB	0°	275°	+17°	317°	+16°	1.0dB	180°K	374158	-314 Hz
2026-10-06 Tuesday	06:00	280°	+12°	0 dB	0°	280°	+12°	324°	+16°	1.0dB	180°K	374201	-317 Hz
2026-10-06 Tuesday	06:30	285°	+7°	0 dB	0°	285°	+7°	331°	+16°	1.0dB	181°K	374245	-315 Hz
2026-10-06 Tuesday	07:00	290°	+2°	0 dB	0°	290°	+2°	339°	+16°	1.0dB	181°K	374289	-308 Hz
2026-10-06 Tuesday	18:00	075°	+3°	0 dB	0°	075°	+3°	138°	+14°	1.1dB	185°K	375304	+257 Hz
2026-10-06 Tuesday	18:30	080°	+8°	0 dB	0°	080°	+8°	145°	+13°	1.1dB	185°K	375352	+261 Hz
2026-10-06 Tuesday	19:00	085°	+13°	0 dB	0°	085°	+13°	153°	+13°	1.1dB	185°K	375401	+261 Hz
2026-10-06 Tuesday	19:30	091°	+18°	0 dB	0°	091°	+18°	160°	+13°	1.1dB	185°K	375450	+256 Hz
2026-10-06 Tuesday	20:00	096°	+23°	0 dB	0°	096°	+23°	167°	+13°	1.1dB	186°K	375499	+246 Hz
2026-10-06 Tuesday	20:30	102°	+28°	0 dB	0°	102°	+28°	174°	+13°	1.1dB	186°K	375548	+231 Hz
2026-10-06 Tuesday	21:00	108°	+33°	0 dB	0°	108°	+33°	182°	+13°	1.1dB	186°K	375597	+212 Hz
2026-10-06 Tuesday	21:30	114°	+37°	0 dB	0°	114°	+37°	189°	+13°	1.1dB	186°K	375647	+189 Hz
2026-10-06 Tuesday	22:00	122°	+42°	0 dB	0°	122°	+42°	196°	+13°	1.1dB	186°K	375697	+162 Hz
2026-10-06 Tuesday	22:30	130°	+46°	0 dB	0°	130°	+46°	203°	+12°	1.1dB	186°K	375747	+132 Hz
2026-10-06 Tuesday	23:00	139°	+49°	0 dB	0°	139°	+49°	211°	+12°	1.2dB	187°K	375797	+99 Hz
2026-10-06 Tuesday	23:30	150°	+52°	0 dB	0°	150°	+52°	218°	+12°	1.2dB	187°K	375847	+63 Hz
2026-10-07 Wednesday	00:00	161°	+54°	0 dB	0°	161°	+54°	225°	+12°	1.2dB	187°K	375898	+26 Hz
2026-10-07 Wednesday	00:30	174°	+55°	0 dB	0°	174°	+55°	232°	+12°	1.2dB	187°K	375949	-12 Hz
2026-10-07 Wednesday	01:00	186°	+55°	0 dB	0°	186°	+55°	240°	+12°	1.2dB	188°K	376000	-51 Hz
2026-10-07 Wednesday	01:30	198°	+54°	0 dB	0°	198°	+54°	247°	+12°	1.2dB	188°K	376051	-89 Hz
2026-10-07 Wednesday	02:00	210°	+52°	0 dB	0°	210°	+52°	254°	+12°	1.2dB	188°K	376102	-126 Hz
2026-10-07 Wednesday	02:30	220°	+49°	0 dB	0°	220°	+49°	261°	+11°	1.2dB	189°K	376154	-162 Hz
2026-10-07 Wednesday	03:00	229°	+45°	0 dB	0°	229°	+45°	269°	+11°	1.2dB	189°K	376206	-196 Hz
2026-10-07 Wednesday	03:30	237°	+41°	0 dB	0°	237°	+41°	276°	+11°	1.2dB	189°K	376258	-227 Hz
2026-10-07 Wednesday	04:00	244°	+36°	0 dB	0°	244°	+36°	283°	+11°	1.2dB	190°K	376310	-254 Hz
2026-10-07 Wednesday	04:30	251°	+31°	0 dB	0°	251°	+31°	290°	+11°	1.2dB	190°K	376362	-278 Hz
2026-10-07 Wednesday	05:00	257°	+26°	0 dB	0°	257°	+26°	298°	+11°	1.2dB	190°K	376415	-297 Hz
2026-10-07 Wednesday	05:30	262°	+21°	0 dB	0°	262°	+21°	305°	+11°	1.3dB	191°K	376468	-312 Hz
2026-10-07 Wednesday	06:00	267°	+16°	0 dB	0°	267°	+16°	312°	+11°	1.3dB	191°K	376521	-323 Hz
2026-10-07 Wednesday	06:30	273°	+11°	0 dB	0°	273°	+11°	319°	+10°	1.3dB	191°K	376574	-328 Hz
2026-10-07 Wednesday	07:00	278°	+6°	0 dB	0°	278°	+6°	327°	+10°	1.3dB	191°K	376627	-329 Hz
2026-10-07 Wednesday	07:30	283°	+1°	0 dB	0°	283°	+1°	334°	+10°	1.3dB	192°K	376681	-326 Hz
2026-10-07 Wednesday	19:00	081°	+1°	0 dB	0°	081°	+1°	141°	+7°	1.5dB	199°K	377968	+259 Hz
2026-10-07 Wednesday	19:30	087°	+6°	0 dB	0°	087°	+6°	148°	+7°	1.5dB	199°K	378026	+261 Hz
2026-10-07 Wednesday	20:00	092°	+11°	0 dB	0°	092°	+11°	156°	+7°	1.5dB	199°K	378084	+259 Hz
2026-10-07 Wednesday	20:30	097°	+16°	0 dB	0°	097°	+16°	163°	+7°	1.5dB	199°K	378143	+251 Hz
2026-10-07 Wednesday	21:00	103°	+21°	0 dB	0°	103°	+21°	170°	+7°	1.5dB	200°K	378202	+239 Hz
2026-10-07 Wednesday	21:30	109°	+25°	0 dB	0°	109°	+25°	177°	+7°	1.5dB	200°K	378261	+222 Hz
2026-10-07 Wednesday	22:00	115°	+30°	0 dB	0°	115°	+30°	185°	+7°	1.5dB	200°K	378321	+201 Hz
2026-10-07 Wednesday	22:30	122°	+34°	0 dB	0°	122°	+34°	192°	+6°	1.5dB	201°K	378380	+176 Hz
2026-10-07 Wednesday	23:00	130°	+38°	0 dB	0°	130°	+38°	199°	+6°	1.5dB	201°K	378440	+147 Hz
2026-10-07 Wednesday	23:30	138°	+42°	0 dB	0°	138°	+42°	206°	+6°	1.5dB	201°K	378500	+115 Hz
2026-10-08 Thursday	00:00	147°	+45°	0 dB	0°	147°	+45°	214°	+6°	1.5dB	202°K	378560	+80 Hz
2026-10-08 Thursday	00:30	157°	+47°	0 dB	0°	157°	+47°	221°	+6°	1.5dB	202°K	378620	+43 Hz
2026-10-08 Thursday	01:00	168°	+48°	0 dB	0°	168°	+48°	228°	+6°	1.5dB	202°K	378681	+4 Hz
2026-10-08 Thursday	01:30	179°	+49°	0 dB	0°	179°	+49°	236°	+6°	1.5dB	202°K	378741	-35 Hz
2026-10-08 Thursday	02:00	190°	+48°	0 dB	0°	190°	+48°	243°	+5°	1.6dB	203°K	378802	-74 Hz
2026-10-08 Thursday	02:30	201°	+47°	0 dB	0°	201°	+47°	250°	+5°	1.6dB	203°K	378863	-113 Hz
2026-10-08 Thursday	03:00	211°	+44°	0 dB	0°	211°	+44°	257°	+5°	1.6dB	203°K	378924	-150 Hz
2026-10-08 Thursday	03:30	220°	+41°	0 dB	0°	220°	+41°	265°	+5°	1.6dB	204°K	378986	-185 Hz
2026-10-08 Thursday	04:00	228°	+38°	0 dB	0°	228°	+38°	272°	+5°	1.6dB	204°K	379048	-218 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-08 Thursday	04:30	236°	+34°	0 dB	0°	236°	+34°	279°	+5°	1.6dB	204°K	379109	-248 Hz
2026-10-08 Thursday	05:00	242°	+29°	0 dB	0°	242°	+29°	286°	+5°	1.6dB	204°K	379171	-274 Hz
2026-10-08 Thursday	05:30	249°	+24°	0 dB	0°	249°	+24°	294°	+5°	1.6dB	205°K	379234	-296 Hz
2026-10-08 Thursday	06:00	254°	+20°	0 dB	0°	254°	+20°	301°	+4°	1.6dB	205°K	379296	-314 Hz
2026-10-08 Thursday	06:30	260°	+14°	0 dB	0°	260°	+14°	308°	+4°	1.6dB	205°K	379359	-327 Hz
2026-10-08 Thursday	07:00	265°	+9°	0 dB	0°	265°	+9°	315°	+4°	1.6dB	206°K	379422	-335 Hz
2026-10-08 Thursday	07:30	270°	+4°	0 dB	0°	270°	+4°	323°	+4°	1.6dB	206°K	379485	-338 Hz
2026-10-08 Thursday	20:30	094°	+3°	0 dB	0°	094°	+3°	152°	+1°	1.9dB	217°K	381188	+257 Hz
2026-10-08 Thursday	21:00	099°	+8°	0 dB	0°	099°	+8°	159°	+0°	1.9dB	219°K	381256	+252 Hz
2026-10-08 Thursday	21:30	105°	+13°	0 dB	0°	105°	+13°	166°	+0°	2.0dB	220°K	381324	+242 Hz
2026-10-08 Thursday	22:00	110°	+18°	0 dB	0°	110°	+18°	174°	+0°	2.0dB	222°K	381393	+227 Hz
2026-10-08 Thursday	22:30	117°	+23°	0 dB	0°	117°	+23°	181°	+0°	2.0dB	223°K	381461	+208 Hz
2026-10-08 Thursday	23:00	123°	+27°	0 dB	0°	123°	+27°	188°	-0°	2.0dB	225°K	381530	+185 Hz
2026-10-08 Thursday	23:30	130°	+31°	0 dB	0°	130°	+31°	195°	-0°	2.1dB	226°K	381599	+157 Hz
2026-10-09 Friday	00:00	138°	+34°	0 dB	0°	138°	+34°	203°	-0°	2.1dB	228°K	381668	+126 Hz
2026-10-09 Friday	00:30	146°	+37°	0 dB	0°	146°	+37°	210°	-0°	2.1dB	230°K	381737	+93 Hz
2026-10-09 Friday	01:00	155°	+40°	0 dB	0°	155°	+40°	217°	-1°	2.1dB	231°K	381806	+57 Hz
2026-10-09 Friday	01:30	164°	+41°	0 dB	0°	164°	+41°	225°	-1°	2.2dB	233°K	381876	+19 Hz
2026-10-09 Friday	02:00	174°	+42°	0 dB	0°	174°	+42°	232°	-1°	2.2dB	234°K	381946	-20 Hz
2026-10-09 Friday	02:30	184°	+42°	0 dB	0°	184°	+42°	239°	-1°	2.2dB	236°K	382015	-60 Hz
2026-10-09 Friday	03:00	194°	+41°	0 dB	0°	194°	+41°	246°	-1°	2.2dB	237°K	382085	-99 Hz
2026-10-09 Friday	03:30	203°	+39°	0 dB	0°	203°	+39°	254°	-1°	2.3dB	239°K	382156	-137 Hz
2026-10-09 Friday	04:00	212°	+37°	0 dB	0°	212°	+37°	261°	-1°	2.3dB	241°K	382226	-173 Hz
2026-10-09 Friday	04:30	220°	+34°	0 dB	0°	220°	+34°	268°	-1°	2.3dB	242°K	382297	-207 Hz
2026-10-09 Friday	05:00	228°	+30°	0 dB	0°	228°	+30°	275°	-2°	2.4dB	244°K	382367	-238 Hz
2026-10-09 Friday	05:30	235°	+26°	0 dB	0°	235°	+26°	283°	-2°	2.4dB	245°K	382438	-266 Hz
2026-10-09 Friday	06:00	241°	+22°	0 dB	0°	241°	+22°	290°	-2°	2.4dB	247°K	382509	-290 Hz
2026-10-09 Friday	06:30	247°	+17°	0 dB	0°	247°	+17°	297°	-2°	2.4dB	248°K	382580	-310 Hz
2026-10-09 Friday	07:00	253°	+12°	0 dB	0°	253°	+12°	305°	-2°	2.5dB	250°K	382652	-325 Hz
2026-10-09 Friday	07:30	258°	+7°	0 dB	0°	258°	+7°	312°	-2°	2.5dB	252°K	382723	-336 Hz
2026-10-09 Friday	08:00	263°	+2°	0 dB	0°	263°	+2°	319°	-2°	2.5dB	253°K	382795	-341 Hz
2026-10-09 Friday	21:30	101°	+1°	0 dB	0°	101°	+1°	156°	-6°	3.2dB	299°K	384786	+248 Hz
2026-10-09 Friday	22:00	106°	+6°	0 dB	0°	106°	+6°	163°	-6°	3.2dB	300°K	384862	+241 Hz
2026-10-09 Friday	22:30	112°	+11°	0 dB	0°	112°	+11°	170°	-6°	3.2dB	302°K	384937	+228 Hz
2026-10-09 Friday	23:00	118°	+15°	0 dB	0°	118°	+15°	177°	-6°	3.3dB	304°K	385013	+211 Hz
2026-10-09 Friday	23:30	124°	+20°	0 dB	0°	124°	+20°	185°	-6°	3.3dB	305°K	385089	+190 Hz
2026-10-10 Saturday	00:00	131°	+23°	0 dB	0°	131°	+23°	192°	-6°	3.3dB	307°K	385166	+165 Hz
2026-10-10 Saturday	00:30	138°	+27°	0 dB	0°	138°	+27°	199°	-7°	3.3dB	309°K	385242	+136 Hz
2026-10-10 Saturday	01:00	145°	+30°	0 dB	0°	145°	+30°	206°	-7°	3.4dB	311°K	385318	+104 Hz
2026-10-10 Saturday	01:30	153°	+33°	0 dB	0°	153°	+33°	214°	-7°	3.4dB	312°K	385395	+69 Hz
2026-10-10 Saturday	02:00	162°	+34°	0 dB	0°	162°	+34°	221°	-7°	3.4dB	SUN!	385471	+32 Hz
2026-10-10 Saturday	02:30	170°	+36°	0 dB	0°	170°	+36°	228°	-7°	3.4dB	SUN!	385548	-6 Hz
2026-10-10 Saturday	03:00	179°	+36°	0 dB	0°	179°	+36°	236°	-7°	3.4dB	SUN!	385625	-45 Hz
2026-10-10 Saturday	03:30	188°	+35°	0 dB	0°	188°	+35°	243°	-7°	3.4dB	SUN!	385702	-83 Hz
2026-10-10 Saturday	04:00	197°	+34°	0 dB	0°	197°	+34°	250°	-7°	3.4dB	SUN!	385779	-121 Hz
2026-10-10 Saturday	04:30	205°	+32°	0 dB	0°	205°	+32°	257°	-8°	3.4dB	SUN!	385856	-158 Hz
2026-10-10 Saturday	05:00	213°	+30°	0 dB	0°	213°	+30°	265°	-8°	3.4dB	SUN!	385934	-193 Hz
2026-10-10 Saturday	05:30	221°	+26°	0 dB	0°	221°	+26°	272°	-8°	3.4dB	SUN!	386011	-225 Hz
2026-10-10 Saturday	06:00	228°	+23°	0 dB	0°	228°	+23°	279°	-8°	3.4dB	SUN!	386088	-254 Hz
2026-10-10 Saturday	06:30	234°	+19°	0 dB	0°	234°	+19°	286°	-8°	3.4dB	SUN!	386166	-279 Hz
2026-10-10 Saturday	07:00	240°	+14°	0 dB	0°	240°	+14°	294°	-8°	3.4dB	SUN!	386244	-301 Hz
2026-10-10 Saturday	07:30	246°	+10°	0 dB	0°	246°	+10°	301°	-8°	3.4dB	SUN!	386322	-318 Hz
2026-10-10 Saturday	08:00	251°	+5°	0 dB	0°	251°	+5°	308°	-8°	3.4dB	SUN!	386399	-330 Hz
2026-10-10 Saturday	08:30	257°	+0°	0 dB	0°	257°	+0°	316°	-9°	3.4dB	SUN!	386477	-338 Hz
2026-10-10 Saturday	23:00	113°	+4°	0 dB	0°	113°	+4°	167°	-12°	3.5dB	SUN!	388774	+227 Hz
2026-10-10 Saturday	23:30	119°	+8°	0 dB	0°	119°	+8°	174°	-12°	3.5dB	SUN!	388854	+213 Hz
2026-10-11 Sunday	00:00	125°	+13°	0 dB	0°	125°	+13°	181°	-12°	3.5dB	SUN!	388935	+194 Hz
2026-10-11 Sunday	00:30	131°	+17°	0 dB	0°	131°	+17°	188°	-12°	3.5dB	SUN!	389015	+171 Hz
2026-10-11 Sunday	01:00	137°	+20°	0 dB	0°	137°	+20°	196°	-12°	3.5dB	SUN!	389095	+144 Hz
2026-10-11 Sunday	01:30	144°	+23°	0 dB	0°	144°	+23°	203°	-13°	3.5dB	SUN!	389175	+114 Hz
2026-10-11 Sunday	02:00	152°	+26°	0 dB	0°	152°	+26°	210°	-13°	3.5dB	SUN!	389256	+82 Hz
2026-10-11 Sunday	02:30	159°	+28°	0 dB	0°	159°	+28°	217°	-13°	3.5dB	SUN!	389336	+47 Hz
2026-10-11 Sunday	03:00	167°	+29°	0 dB	0°	167°	+29°	225°	-13°	3.5dB	SUN!	389416	+10 Hz
2026-10-11 Sunday	03:30	175°	+30°	0 dB	0°	175°	+30°	232°	-13°	3.5dB	SUN!	389497	-27 Hz
2026-10-11 Sunday	04:00	184°	+30°	0 dB	0°	184°	+30°	239°	-13°	3.5dB	SUN!	389577	-65 Hz
2026-10-11 Sunday	04:30	192°	+29°	0 dB	0°	192°	+29°	246°	-13°	3.5dB	SUN!	389658	-103 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-11 Sunday	05:00	200°	+27°	0 dB	0°	200°	+27°	254°	-13°	3.5dB	SUN!	389738	-139 Hz
2026-10-11 Sunday	05:30	207°	+25°	0 dB	0°	207°	+25°	261°	-14°	3.5dB	SUN!	389819	-174 Hz
2026-10-11 Sunday	06:00	214°	+23°	0 dB	0°	214°	+23°	268°	-14°	3.5dB	SUN!	389899	-207 Hz
2026-10-11 Sunday	06:30	221°	+19°	0 dB	0°	221°	+19°	276°	-14°	3.5dB	SUN!	389980	-237 Hz
2026-10-11 Sunday	07:00	228°	+16°	0 dB	0°	228°	+16°	283°	-14°	3.5dB	SUN!	390060	-263 Hz
2026-10-11 Sunday	07:30	234°	+12°	0 dB	0°	234°	+12°	290°	-14°	3.5dB	SUN!	390141	-286 Hz
2026-10-11 Sunday	08:00	239°	+8°	0 dB	0°	239°	+8°	297°	-14°	3.5dB	SUN!	390221	-304 Hz
2026-10-11 Sunday	08:30	245°	+3°	0 dB	0°	245°	+3°	305°	-14°	3.5dB	SUN!	390302	-319 Hz
2026-10-12 Monday	00:00	119°	+2°	0 dB	0°	119°	+2°	170°	-17°	3.9dB	329°K	392793	+214 Hz
2026-10-12 Monday	00:30	125°	+6°	0 dB	0°	125°	+6°	177°	-18°	3.9dB	330°K	392872	+198 Hz
2026-10-12 Monday	01:00	130°	+10°	0 dB	0°	130°	+10°	184°	-18°	3.9dB	331°K	392952	+178 Hz
2026-10-12 Monday	01:30	137°	+14°	0 dB	0°	137°	+14°	192°	-18°	3.9dB	332°K	393032	+154 Hz
2026-10-12 Monday	02:00	143°	+17°	0 dB	0°	143°	+17°	199°	-18°	4.0dB	334°K	393111	+126 Hz
2026-10-12 Monday	02:30	150°	+20°	0 dB	0°	150°	+20°	206°	-18°	4.0dB	335°K	393190	+96 Hz
2026-10-12 Monday	03:00	157°	+22°	0 dB	0°	157°	+22°	214°	-18°	4.0dB	336°K	393270	+63 Hz
2026-10-12 Monday	03:30	164°	+23°	0 dB	0°	164°	+23°	221°	-18°	4.0dB	337°K	393349	+29 Hz
2026-10-12 Monday	04:00	172°	+24°	0 dB	0°	172°	+24°	228°	-18°	4.0dB	338°K	393428	-7 Hz
2026-10-12 Monday	04:30	179°	+25°	0 dB	0°	179°	+25°	235°	-18°	4.0dB	340°K	393507	-44 Hz
2026-10-12 Monday	05:00	187°	+24°	0 dB	0°	187°	+24°	243°	-18°	4.1dB	341°K	393586	-80 Hz
2026-10-12 Monday	05:30	194°	+23°	0 dB	0°	194°	+23°	250°	-18°	4.1dB	342°K	393665	-116 Hz
2026-10-12 Monday	06:00	202°	+22°	0 dB	0°	202°	+22°	257°	-19°	4.1dB	343°K	393744	-151 Hz
2026-10-12 Monday	06:30	209°	+19°	0 dB	0°	209°	+19°	264°	-19°	4.1dB	344°K	393823	-183 Hz
2026-10-12 Monday	07:00	215°	+17°	0 dB	0°	215°	+17°	272°	-19°	4.1dB	346°K	393902	-214 Hz
2026-10-12 Monday	07:30	222°	+13°	0 dB	0°	222°	+13°	279°	-19°	4.1dB	347°K	393980	-241 Hz
2026-10-12 Monday	08:00	228°	+10°	0 dB	0°	228°	+10°	286°	-19°	4.2dB	348°K	394059	-265 Hz
2026-10-12 Monday	08:30	233°	+6°	0 dB	0°	233°	+6°	293°	-19°	4.2dB	349°K	394137	-285 Hz
2026-10-12 Monday	09:00	239°	+2°	0 dB	0°	239°	+2°	301°	-19°	4.2dB	350°K	394216	-301 Hz
2026-10-13 Tuesday	01:00	124°	+0°	0 dB	0°	124°	+0°	173°	-22°	4.7dB	386°K	396652	+204 Hz
2026-10-13 Tuesday	01:30	130°	+4°	0 dB	0°	130°	+4°	180°	-22°	4.7dB	387°K	396725	+187 Hz
2026-10-13 Tuesday	02:00	135°	+8°	0 dB	0°	135°	+8°	187°	-22°	4.7dB	388°K	396799	+166 Hz
2026-10-13 Tuesday	02:30	141°	+11°	0 dB	0°	141°	+11°	195°	-22°	4.7dB	389°K	396872	+141 Hz
2026-10-13 Tuesday	03:00	148°	+14°	0 dB	0°	148°	+14°	202°	-22°	4.7dB	390°K	396945	+114 Hz
2026-10-13 Tuesday	03:30	154°	+16°	0 dB	0°	154°	+16°	209°	-22°	4.7dB	391°K	397017	+84 Hz
2026-10-13 Tuesday	04:00	161°	+18°	0 dB	0°	161°	+18°	216°	-22°	4.7dB	392°K	397090	+51 Hz
2026-10-13 Tuesday	04:30	168°	+20°	0 dB	0°	168°	+20°	224°	-22°	4.7dB	393°K	397162	+17 Hz
2026-10-13 Tuesday	05:00	175°	+20°	0 dB	0°	175°	+20°	231°	-23°	4.8dB	394°K	397234	-18 Hz
2026-10-13 Tuesday	05:30	182°	+20°	0 dB	0°	182°	+20°	238°	-23°	4.8dB	395°K	397306	-53 Hz
2026-10-13 Tuesday	06:00	189°	+20°	0 dB	0°	189°	+20°	245°	-23°	4.8dB	396°K	397378	-88 Hz
2026-10-13 Tuesday	06:30	196°	+19°	0 dB	0°	196°	+19°	253°	-23°	4.8dB	397°K	397450	-122 Hz
2026-10-13 Tuesday	07:00	203°	+17°	0 dB	0°	203°	+17°	260°	-23°	4.8dB	398°K	397521	-155 Hz
2026-10-13 Tuesday	07:30	210°	+14°	0 dB	0°	210°	+14°	267°	-23°	4.8dB	398°K	397592	-186 Hz
2026-10-13 Tuesday	08:00	216°	+12°	0 dB	0°	216°	+12°	274°	-23°	4.8dB	399°K	397663	-214 Hz
2026-10-13 Tuesday	08:30	222°	+8°	0 dB	0°	222°	+8°	282°	-23°	4.8dB	400°K	397734	-239 Hz
2026-10-13 Tuesday	09:00	228°	+5°	0 dB	0°	228°	+5°	289°	-23°	4.9dB	401°K	397804	-261 Hz
2026-10-13 Tuesday	09:30	233°	+1°	0 dB	0°	233°	+1°	296°	-23°	4.9dB	402°K	397874	-279 Hz
2026-10-14 Wednesday	02:30	133°	+3°	0 dB	0°	133°	+3°	183°	-25°	5.5dB	457°K	400111	+182 Hz
2026-10-14 Wednesday	03:00	139°	+6°	0 dB	0°	139°	+6°	190°	-25°	5.5dB	459°K	400171	+160 Hz
2026-10-14 Wednesday	03:30	145°	+9°	0 dB	0°	145°	+9°	197°	-25°	5.5dB	462°K	400232	+135 Hz
2026-10-14 Wednesday	04:00	151°	+12°	0 dB	0°	151°	+12°	204°	-25°	5.5dB	464°K	400292	+108 Hz
2026-10-14 Wednesday	04:30	157°	+14°	0 dB	0°	157°	+14°	212°	-25°	5.5dB	466°K	400352	+77 Hz
2026-10-14 Wednesday	05:00	164°	+16°	0 dB	0°	164°	+16°	219°	-26°	5.6dB	468°K	400411	+46 Hz
2026-10-14 Wednesday	05:30	171°	+17°	0 dB	0°	171°	+17°	226°	-26°	5.6dB	471°K	400471	+12 Hz
2026-10-14 Wednesday	06:00	178°	+17°	0 dB	0°	178°	+17°	233°	-26°	5.6dB	473°K	400530	-22 Hz
2026-10-14 Wednesday	06:30	184°	+17°	0 dB	0°	184°	+17°	241°	-26°	5.6dB	475°K	400588	-56 Hz
2026-10-14 Wednesday	07:00	191°	+16°	0 dB	0°	191°	+16°	248°	-26°	5.6dB	477°K	400646	-90 Hz
2026-10-14 Wednesday	07:30	198°	+15°	0 dB	0°	198°	+15°	255°	-26°	5.7dB	481°K	400704	-123 Hz
2026-10-14 Wednesday	08:00	204°	+13°	0 dB	0°	204°	+13°	262°	-26°	5.7dB	486°K	400762	-154 Hz
2026-10-14 Wednesday	08:30	211°	+11°	0 dB	0°	211°	+11°	270°	-26°	5.8dB	491°K	400819	-183 Hz
2026-10-14 Wednesday	09:00	217°	+8°	0 dB	0°	217°	+8°	277°	-26°	5.8dB	496°K	400876	-209 Hz
2026-10-14 Wednesday	09:30	222°	+5°	0 dB	0°	222°	+5°	284°	-26°	5.8dB	500°K	400933	-233 Hz
2026-10-14 Wednesday	10:00	228°	+1°	0 dB	0°	228°	+1°	291°	-26°	5.9dB	505°K	400989	-253 Hz
2026-10-15 Thursday	03:30	136°	+2°	0 dB	0°	136°	+2°	185°	-27°	7.5dB	740°K	402723	+183 Hz
2026-10-15 Thursday	04:00	142°	+6°	0 dB	0°	142°	+6°	192°	-27°	7.5dB	750°K	402765	+161 Hz
2026-10-15 Thursday	04:30	147°	+8°	0 dB	0°	147°	+8°	199°	-27°	7.6dB	759°K	402807	+135 Hz
2026-10-15 Thursday	05:00	154°	+11°	0 dB	0°	154°	+11°	207°	-27°	7.6dB	769°K	402849	+108 Hz
2026-10-15 Thursday	05:30	160°	+13°	0 dB	0°	160°	+13°	214°	-27°	7.7dB	779°K	402890	+78 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-15 Thursday	06:00	166°	+14°	0 dB	0°	166°	+14°	221°	-27°	7.7dB	789°K	402931	+46 Hz
2026-10-15 Thursday	06:30	173°	+15°	0 dB	0°	173°	+15°	228°	-27°	7.8dB	798°K	402971	+13 Hz
2026-10-15 Thursday	07:00	180°	+15°	0 dB	0°	180°	+15°	236°	-27°	7.8dB	808°K	403011	-20 Hz
2026-10-15 Thursday	07:30	186°	+15°	0 dB	0°	186°	+15°	243°	-27°	7.9dB	818°K	403050	-54 Hz
2026-10-15 Thursday	08:00	193°	+14°	0 dB	0°	193°	+14°	250°	-28°	7.9dB	828°K	403089	-87 Hz
2026-10-15 Thursday	08:30	199°	+13°	0 dB	0°	199°	+13°	257°	-28°	8.0dB	837°K	403127	-119 Hz
2026-10-15 Thursday	09:00	206°	+11°	0 dB	0°	206°	+11°	265°	-28°	8.0dB	847°K	403166	-149 Hz
2026-10-15 Thursday	09:30	212°	+9°	0 dB	0°	212°	+9°	272°	-28°	8.1dB	857°K	403203	-176 Hz
2026-10-15 Thursday	10:00	217°	+6°	0 dB	0°	217°	+6°	279°	-28°	8.1dB	866°K	403240	-202 Hz
2026-10-15 Thursday	10:30	223°	+2°	0 dB	0°	223°	+2°	286°	-28°	8.2dB	888°K	403277	-224 Hz
2026-10-16 Friday	04:30	138°	+3°	0 dB	0°	138°	+3°	187°	-28°	12.1dB	2235°K	404289	+189 Hz
2026-10-16 Friday	05:00	144°	+6°	0 dB	0°	144°	+6°	194°	-28°	12.2dB	2299°K	404308	+167 Hz
2026-10-16 Friday	05:30	149°	+9°	0 dB	0°	149°	+9°	201°	-28°	12.3dB	2362°K	404326	+141 Hz
2026-10-16 Friday	06:00	155°	+11°	0 dB	0°	155°	+11°	209°	-28°	12.5dB	2425°K	404344	+113 Hz
2026-10-16 Friday	06:30	162°	+13°	0 dB	0°	162°	+13°	216°	-28°	12.6dB	2488°K	404362	+83 Hz
2026-10-16 Friday	07:00	168°	+14°	0 dB	0°	168°	+14°	223°	-28°	12.7dB	2551°K	404379	+51 Hz
2026-10-16 Friday	07:30	175°	+15°	0 dB	0°	175°	+15°	230°	-28°	12.8dB	2614°K	404395	+18 Hz
2026-10-16 Friday	08:00	181°	+15°	0 dB	0°	181°	+15°	238°	-28°	12.9dB	2678°K	404411	-15 Hz
2026-10-16 Friday	08:30	188°	+15°	0 dB	0°	188°	+15°	245°	-28°	13.0dB	2741°K	404427	-49 Hz
2026-10-16 Friday	09:00	195°	+14°	0 dB	0°	195°	+14°	252°	-28°	13.1dB	2804°K	404442	-81 Hz
2026-10-16 Friday	09:30	201°	+12°	0 dB	0°	201°	+12°	259°	-28°	13.2dB	2867°K	404456	-112 Hz
2026-10-16 Friday	10:00	207°	+10°	0 dB	0°	207°	+10°	267°	-28°	13.3dB	2930°K	404470	-142 Hz
2026-10-16 Friday	10:30	213°	+8°	0 dB	0°	213°	+8°	274°	-28°	13.4dB	2993°K	404484	-169 Hz
2026-10-16 Friday	11:00	219°	+5°	0 dB	0°	219°	+5°	281°	-28°	13.4dB	3056°K	404497	-193 Hz
2026-10-16 Friday	11:30	224°	+1°	0 dB	0°	224°	+1°	288°	-28°	13.5dB	3119°K	404509	-215 Hz
2026-10-17 Saturday	05:00	134°	+1°	0 dB	0°	134°	+1°	182°	-27°	11.4dB	1865°K	404606	+220 Hz
2026-10-17 Saturday	05:30	139°	+4°	0 dB	0°	139°	+4°	189°	-27°	11.3dB	1821°K	404599	+200 Hz
2026-10-17 Saturday	06:00	145°	+8°	0 dB	0°	145°	+8°	196°	-27°	11.1dB	1776°K	404592	+176 Hz
2026-10-17 Saturday	06:30	151°	+10°	0 dB	0°	151°	+10°	204°	-27°	11.0dB	1732°K	404584	+150 Hz
2026-10-17 Saturday	07:00	157°	+12°	0 dB	0°	157°	+12°	211°	-27°	10.9dB	1687°K	404575	+121 Hz
2026-10-17 Saturday	07:30	163°	+14°	0 dB	0°	163°	+14°	218°	-27°	10.8dB	1643°K	404566	+90 Hz
2026-10-17 Saturday	08:00	170°	+15°	0 dB	0°	170°	+15°	225°	-27°	10.7dB	1598°K	404556	+57 Hz
2026-10-17 Saturday	08:30	177°	+16°	0 dB	0°	177°	+16°	233°	-27°	10.6dB	1554°K	404546	+24 Hz
2026-10-17 Saturday	09:00	184°	+16°	0 dB	0°	184°	+16°	240°	-27°	10.5dB	1509°K	404535	-10 Hz
2026-10-17 Saturday	09:30	190°	+15°	0 dB	0°	190°	+15°	247°	-27°	10.3dB	1465°K	404523	-43 Hz
2026-10-17 Saturday	10:00	197°	+14°	0 dB	0°	197°	+14°	254°	-27°	10.2dB	1420°K	404511	-76 Hz
2026-10-17 Saturday	10:30	203°	+13°	0 dB	0°	203°	+13°	262°	-27°	10.1dB	1376°K	404499	-107 Hz
2026-10-17 Saturday	11:00	210°	+10°	0 dB	0°	210°	+10°	269°	-27°	9.9dB	1332°K	404485	-136 Hz
2026-10-17 Saturday	11:30	216°	+8°	0 dB	0°	216°	+8°	276°	-27°	9.8dB	1287°K	404472	-163 Hz
2026-10-17 Saturday	12:00	221°	+5°	0 dB	0°	221°	+5°	283°	-27°	9.7dB	1243°K	404458	-187 Hz
2026-10-17 Saturday	12:30	227°	+1°	0 dB	0°	227°	+1°	291°	-27°	9.5dB	1199°K	404443	-207 Hz
2026-10-18 Sunday	05:30	129°	+0°	0 dB	0°	129°	+0°	177°	-25°	6.2dB	538°K	403606	+252 Hz
2026-10-18 Sunday	06:00	134°	+4°	0 dB	0°	134°	+4°	184°	-25°	6.1dB	526°K	403572	+234 Hz
2026-10-18 Sunday	06:30	140°	+7°	0 dB	0°	140°	+7°	192°	-25°	6.1dB	518°K	403537	+212 Hz
2026-10-18 Sunday	07:00	146°	+10°	0 dB	0°	146°	+10°	199°	-25°	6.0dB	513°K	403501	+187 Hz
2026-10-18 Sunday	07:30	152°	+13°	0 dB	0°	152°	+13°	206°	-25°	6.0dB	507°K	403465	+159 Hz
2026-10-18 Sunday	08:00	159°	+15°	0 dB	0°	159°	+15°	213°	-25°	6.0dB	502°K	403429	+129 Hz
2026-10-18 Sunday	08:30	165°	+17°	0 dB	0°	165°	+17°	221°	-25°	5.9dB	497°K	403391	+96 Hz
2026-10-18 Sunday	09:00	172°	+18°	0 dB	0°	172°	+18°	228°	-25°	5.9dB	491°K	403354	+63 Hz
2026-10-18 Sunday	09:30	179°	+18°	0 dB	0°	179°	+18°	235°	-25°	5.8dB	486°K	403315	+28 Hz
2026-10-18 Sunday	10:00	186°	+18°	0 dB	0°	186°	+18°	242°	-25°	5.8dB	480°K	403276	-6 Hz
2026-10-18 Sunday	10:30	193°	+17°	0 dB	0°	193°	+17°	250°	-25°	5.7dB	475°K	403237	-40 Hz
2026-10-18 Sunday	11:00	200°	+16°	0 dB	0°	200°	+16°	257°	-24°	5.7dB	470°K	403197	-73 Hz
2026-10-18 Sunday	11:30	206°	+14°	0 dB	0°	206°	+14°	264°	-24°	5.6dB	464°K	403157	-105 Hz
2026-10-18 Sunday	12:00	213°	+12°	0 dB	0°	213°	+12°	271°	-24°	5.6dB	459°K	403116	-134 Hz
2026-10-18 Sunday	12:30	219°	+9°	0 dB	0°	219°	+9°	279°	-24°	5.6dB	454°K	403074	-160 Hz
2026-10-18 Sunday	13:00	225°	+5°	0 dB	0°	225°	+5°	286°	-24°	5.5dB	448°K	403032	-184 Hz
2026-10-18 Sunday	13:30	230°	+2°	0 dB	0°	230°	+2°	293°	-24°	5.5dB	443°K	402989	-203 Hz
2026-10-19 Monday	06:00	124°	+0°	0 dB	0°	124°	+0°	173°	-22°	4.4dB	341°K	401276	+284 Hz
2026-10-19 Monday	06:30	129°	+4°	0 dB	0°	129°	+4°	180°	-22°	4.4dB	339°K	401215	+267 Hz
2026-10-19 Monday	07:00	135°	+8°	0 dB	0°	135°	+8°	187°	-22°	4.4dB	338°K	401154	+247 Hz
2026-10-19 Monday	07:30	141°	+12°	0 dB	0°	141°	+12°	195°	-22°	4.3dB	336°K	401092	+223 Hz
2026-10-19 Monday	08:00	147°	+15°	0 dB	0°	147°	+15°	202°	-22°	4.3dB	335°K	401029	+196 Hz
2026-10-19 Monday	08:30	154°	+17°	0 dB	0°	154°	+17°	209°	-21°	4.3dB	333°K	400966	+166 Hz
2026-10-19 Monday	09:00	160°	+19°	0 dB	0°	160°	+19°	216°	-21°	4.3dB	332°K	400903	+134 Hz
2026-10-19 Monday	09:30	168°	+21°	0 dB	0°	168°	+21°	224°	-21°	4.3dB	330°K	400839	+100 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-19 Monday	10:00	175°	+22°	0 dB	0°	175°	+22°	231°	-21°	4.2dB	329°K	400774	+64 Hz
2026-10-19 Monday	10:30	182°	+22°	0 dB	0°	182°	+22°	238°	-21°	4.2dB	327°K	400709	+29 Hz
2026-10-19 Monday	11:00	189°	+21°	0 dB	0°	189°	+21°	245°	-21°	4.2dB	326°K	400644	-7 Hz
2026-10-19 Monday	11:30	197°	+20°	0 dB	0°	197°	+20°	253°	-21°	4.2dB	326°K	400578	-42 Hz
2026-10-19 Monday	12:00	204°	+19°	0 dB	0°	204°	+19°	260°	-21°	4.2dB	326°K	400511	-75 Hz
2026-10-19 Monday	12:30	210°	+16°	0 dB	0°	210°	+16°	267°	-21°	4.2dB	326°K	400444	-106 Hz
2026-10-19 Monday	13:00	217°	+14°	0 dB	0°	217°	+14°	274°	-21°	4.2dB	326°K	400377	-135 Hz
2026-10-19 Monday	13:30	223°	+11°	0 dB	0°	223°	+11°	282°	-21°	4.2dB	326°K	400309	-161 Hz
2026-10-19 Monday	14:00	229°	+7°	0 dB	0°	229°	+7°	289°	-21°	4.2dB	326°K	400240	-184 Hz
2026-10-19 Monday	14:30	235°	+3°	0 dB	0°	235°	+3°	296°	-21°	4.2dB	326°K	400171	-203 Hz
2026-10-20 Tuesday	06:30	119°	+1°	0 dB	0°	119°	+1°	169°	-18°	4.1dB	326°K	397714	+312 Hz
2026-10-20 Tuesday	07:00	124°	+6°	0 dB	0°	124°	+6°	176°	-18°	4.1dB	326°K	397630	+298 Hz
2026-10-20 Tuesday	07:30	130°	+10°	0 dB	0°	130°	+10°	183°	-17°	4.1dB	326°K	397545	+279 Hz
2026-10-20 Tuesday	08:00	136°	+14°	0 dB	0°	136°	+14°	191°	-17°	4.1dB	326°K	397460	+256 Hz
2026-10-20 Tuesday	08:30	142°	+17°	0 dB	0°	142°	+17°	198°	-17°	4.1dB	326°K	397374	+229 Hz
2026-10-20 Tuesday	09:00	148°	+20°	0 dB	0°	148°	+20°	205°	-17°	4.1dB	326°K	397288	+200 Hz
2026-10-20 Tuesday	09:30	156°	+22°	0 dB	0°	156°	+22°	213°	-17°	4.1dB	326°K	397202	+167 Hz
2026-10-20 Tuesday	10:00	163°	+24°	0 dB	0°	163°	+24°	220°	-17°	4.1dB	326°K	397115	+133 Hz
2026-10-20 Tuesday	10:30	170°	+26°	0 dB	0°	170°	+26°	227°	-17°	4.0dB	326°K	397028	+97 Hz
2026-10-20 Tuesday	11:00	178°	+26°	0 dB	0°	178°	+26°	234°	-17°	4.0dB	326°K	396941	+61 Hz
2026-10-20 Tuesday	11:30	186°	+26°	0 dB	0°	186°	+26°	242°	-17°	4.0dB	326°K	396853	+24 Hz
2026-10-20 Tuesday	12:00	194°	+25°	0 dB	0°	194°	+25°	249°	-17°	4.0dB	326°K	396764	-13 Hz
2026-10-20 Tuesday	12:30	201°	+24°	0 dB	0°	201°	+24°	256°	-16°	4.0dB	326°K	396675	-48 Hz
2026-10-20 Tuesday	13:00	209°	+22°	0 dB	0°	209°	+22°	263°	-16°	4.0dB	326°K	396586	-82 Hz
2026-10-20 Tuesday	13:30	216°	+19°	0 dB	0°	216°	+19°	271°	-16°	4.0dB	326°K	396496	-113 Hz
2026-10-20 Tuesday	14:00	222°	+16°	0 dB	0°	222°	+16°	278°	-16°	4.0dB	326°K	396406	-142 Hz
2026-10-20 Tuesday	14:30	229°	+13°	0 dB	0°	229°	+13°	285°	-16°	4.0dB	326°K	396316	-167 Hz
2026-10-20 Tuesday	15:00	234°	+9°	0 dB	0°	234°	+9°	293°	-16°	4.0dB	326°K	396225	-189 Hz
2026-10-20 Tuesday	15:30	240°	+5°	0 dB	0°	240°	+5°	300°	-16°	4.0dB	326°K	396134	-206 Hz
2026-10-20 Tuesday	16:00	246°	+0°	0 dB	0°	246°	+0°	307°	-16°	4.0dB	326°K	396043	-219 Hz
2026-10-21 Wednesday	07:00	113°	+3°	0 dB	0°	113°	+3°	165°	-13°	3.6dB	298°K	393130	+336 Hz
2026-10-21 Wednesday	07:30	118°	+8°	0 dB	0°	118°	+8°	173°	-12°	3.5dB	297°K	393028	+323 Hz
2026-10-21 Wednesday	08:00	124°	+12°	0 dB	0°	124°	+12°	180°	-12°	3.5dB	296°K	392925	+305 Hz
2026-10-21 Wednesday	08:30	130°	+16°	0 dB	0°	130°	+16°	187°	-12°	3.5dB	295°K	392823	+283 Hz
2026-10-21 Wednesday	09:00	136°	+20°	0 dB	0°	136°	+20°	195°	-12°	3.5dB	293°K	392720	+258 Hz
2026-10-21 Wednesday	09:30	143°	+23°	0 dB	0°	143°	+23°	202°	-12°	3.5dB	292°K	392616	+229 Hz
2026-10-21 Wednesday	10:00	150°	+26°	0 dB	0°	150°	+26°	209°	-12°	3.4dB	290°K	392513	+197 Hz
2026-10-21 Wednesday	10:30	158°	+29°	0 dB	0°	158°	+29°	216°	-12°	3.4dB	288°K	392409	+162 Hz
2026-10-21 Wednesday	11:00	166°	+30°	0 dB	0°	166°	+30°	224°	-12°	3.4dB	287°K	392305	+126 Hz
2026-10-21 Wednesday	11:30	174°	+31°	0 dB	0°	174°	+31°	231°	-12°	3.3dB	285°K	392200	+88 Hz
2026-10-21 Wednesday	12:00	183°	+32°	0 dB	0°	183°	+32°	238°	-11°	3.3dB	283°K	392096	+50 Hz
2026-10-21 Wednesday	12:30	191°	+31°	0 dB	0°	191°	+31°	245°	-11°	3.3dB	282°K	391991	+12 Hz
2026-10-21 Wednesday	13:00	199°	+30°	0 dB	0°	199°	+30°	253°	-11°	3.3dB	280°K	391886	-25 Hz
2026-10-21 Wednesday	13:30	207°	+28°	0 dB	0°	207°	+28°	260°	-11°	3.2dB	278°K	391780	-60 Hz
2026-10-21 Wednesday	14:00	215°	+25°	0 dB	0°	215°	+25°	267°	-11°	3.2dB	277°K	391674	-94 Hz
2026-10-21 Wednesday	14:30	222°	+22°	0 dB	0°	222°	+22°	275°	-11°	3.2dB	275°K	391568	-125 Hz
2026-10-21 Wednesday	15:00	229°	+19°	0 dB	0°	229°	+19°	282°	-11°	3.2dB	273°K	391462	-152 Hz
2026-10-21 Wednesday	15:30	235°	+15°	0 dB	0°	235°	+15°	289°	-11°	3.1dB	271°K	391356	-176 Hz
2026-10-21 Wednesday	16:00	241°	+11°	0 dB	0°	241°	+11°	296°	-11°	3.1dB	270°K	391249	-196 Hz
2026-10-21 Wednesday	16:30	247°	+6°	0 dB	0°	247°	+6°	304°	-10°	3.1dB	268°K	391142	-212 Hz
2026-10-21 Wednesday	17:00	252°	+2°	0 dB	0°	252°	+2°	311°	-10°	3.1dB	266°K	391035	-223 Hz
2026-10-22 Thursday	07:00	101°	+0°	0 dB	0°	101°	+0°	155°	-7°	2.6dB	243°K	387953	+359 Hz
2026-10-22 Thursday	07:30	106°	+5°	0 dB	0°	106°	+5°	162°	-7°	2.6dB	243°K	387841	+353 Hz
2026-10-22 Thursday	08:00	112°	+10°	0 dB	0°	112°	+10°	169°	-7°	2.6dB	243°K	387728	+341 Hz
2026-10-22 Thursday	08:30	117°	+15°	0 dB	0°	117°	+15°	177°	-7°	2.6dB	243°K	387615	+325 Hz
2026-10-22 Thursday	09:00	123°	+19°	0 dB	0°	123°	+19°	184°	-6°	2.6dB	243°K	387503	+305 Hz
2026-10-22 Thursday	09:30	130°	+23°	0 dB	0°	130°	+23°	191°	-6°	2.6dB	243°K	387390	+280 Hz
2026-10-22 Thursday	10:00	137°	+27°	0 dB	0°	137°	+27°	199°	-6°	2.6dB	243°K	387277	+252 Hz
2026-10-22 Thursday	10:30	144°	+30°	0 dB	0°	144°	+30°	206°	-6°	2.6dB	243°K	387163	+220 Hz
2026-10-22 Thursday	11:00	152°	+33°	0 dB	0°	152°	+33°	213°	-6°	2.6dB	243°K	387050	+186 Hz
2026-10-22 Thursday	11:30	161°	+35°	0 dB	0°	161°	+35°	220°	-6°	2.5dB	243°K	386937	+149 Hz
2026-10-22 Thursday	12:00	169°	+37°	0 dB	0°	169°	+37°	228°	-6°	2.5dB	243°K	386823	+111 Hz
2026-10-22 Thursday	12:30	179°	+37°	0 dB	0°	179°	+37°	235°	-6°	2.5dB	243°K	386710	+73 Hz
2026-10-22 Thursday	13:00	188°	+37°	0 dB	0°	188°	+37°	242°	-5°	2.5dB	243°K	386596	+34 Hz
2026-10-22 Thursday	13:30	197°	+36°	0 dB	0°	197°	+36°	249°	-5°	2.5dB	243°K	386482	-5 Hz
2026-10-22 Thursday	14:00	206°	+35°	0 dB	0°	206°	+35°	257°	-5°	2.5dB	243°K	386369	-42 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-22 Thursday	14:30	214°	+32°	0 dB	0°	214°	+32°	264°	-5°	2.5dB	243°K	386255	-77 Hz
2026-10-22 Thursday	15:00	222°	+29°	0 dB	0°	222°	+29°	271°	-5°	2.5dB	243°K	386141	-110 Hz
2026-10-22 Thursday	15:30	229°	+26°	0 dB	0°	229°	+26°	279°	-5°	2.5dB	243°K	386027	-139 Hz
2026-10-22 Thursday	16:00	236°	+22°	0 dB	0°	236°	+22°	286°	-5°	2.5dB	243°K	385913	-166 Hz
2026-10-22 Thursday	16:30	242°	+18°	0 dB	0°	242°	+18°	293°	-5°	2.5dB	243°K	385798	-188 Hz
2026-10-22 Thursday	17:00	248°	+13°	0 dB	0°	248°	+13°	300°	-4°	2.5dB	243°K	385684	-206 Hz
2026-10-22 Thursday	17:30	254°	+8°	0 dB	0°	254°	+8°	308°	-4°	2.5dB	243°K	385570	-219 Hz
2026-10-22 Thursday	18:00	259°	+4°	0 dB	0°	259°	+4°	315°	-4°	2.5dB	242°K	385456	-228 Hz
2026-10-23 Friday	07:30	094°	+2°	0 dB	0°	094°	+2°	151°	-1°	2.3dB	239°K	382363	+365 Hz
2026-10-23 Friday	08:00	100°	+7°	0 dB	0°	100°	+7°	159°	-1°	2.3dB	239°K	382249	+360 Hz
2026-10-23 Friday	08:30	105°	+12°	0 dB	0°	105°	+12°	166°	-1°	2.3dB	239°K	382135	+351 Hz
2026-10-23 Friday	09:00	111°	+17°	0 dB	0°	111°	+17°	173°	-0°	2.3dB	239°K	382021	+337 Hz
2026-10-23 Friday	09:30	117°	+22°	0 dB	0°	117°	+22°	181°	-0°	2.3dB	239°K	381907	+318 Hz
2026-10-23 Friday	10:00	123°	+27°	0 dB	0°	123°	+27°	188°	-0°	2.3dB	239°K	381793	+295 Hz
2026-10-23 Friday	10:30	130°	+31°	0 dB	0°	130°	+31°	195°	+0°	2.3dB	239°K	381679	+268 Hz
2026-10-23 Friday	11:00	137°	+35°	0 dB	0°	137°	+35°	202°	+0°	2.2dB	239°K	381566	+237 Hz
2026-10-23 Friday	11:30	145°	+38°	0 dB	0°	145°	+38°	210°	+0°	2.2dB	239°K	381452	+204 Hz
2026-10-23 Friday	12:00	154°	+41°	0 dB	0°	154°	+41°	217°	+0°	2.2dB	239°K	381338	+168 Hz
2026-10-23 Friday	12:30	164°	+42°	0 dB	0°	164°	+42°	224°	+1°	2.2dB	239°K	381225	+130 Hz
2026-10-23 Friday	13:00	174°	+44°	0 dB	0°	174°	+44°	231°	+1°	2.2dB	239°K	381112	+91 Hz
2026-10-23 Friday	13:30	184°	+44°	0 dB	0°	184°	+44°	239°	+1°	2.2dB	239°K	380998	+52 Hz
2026-10-23 Friday	14:00	194°	+43°	0 dB	0°	194°	+43°	246°	+1°	2.2dB	239°K	380885	+12 Hz
2026-10-23 Friday	14:30	204°	+42°	0 dB	0°	204°	+42°	253°	+1°	2.2dB	239°K	380772	-26 Hz
2026-10-23 Friday	15:00	213°	+39°	0 dB	0°	213°	+39°	261°	+1°	2.2dB	239°K	380659	-62 Hz
2026-10-23 Friday	15:30	221°	+36°	0 dB	0°	221°	+36°	268°	+1°	2.2dB	239°K	380547	-97 Hz
2026-10-23 Friday	16:00	229°	+33°	0 dB	0°	229°	+33°	275°	+1°	2.2dB	239°K	380434	-128 Hz
2026-10-23 Friday	16:30	236°	+29°	0 dB	0°	236°	+29°	282°	+2°	2.2dB	239°K	380321	-156 Hz
2026-10-23 Friday	17:00	243°	+25°	0 dB	0°	243°	+25°	290°	+2°	2.2dB	239°K	380209	-180 Hz
2026-10-23 Friday	17:30	249°	+20°	0 dB	0°	249°	+20°	297°	+2°	2.2dB	239°K	380097	-200 Hz
2026-10-23 Friday	18:00	255°	+15°	0 dB	0°	255°	+15°	304°	+2°	2.2dB	239°K	379984	-216 Hz
2026-10-23 Friday	18:30	261°	+11°	0 dB	0°	261°	+11°	311°	+2°	2.2dB	239°K	379872	-227 Hz
2026-10-23 Friday	19:00	266°	+6°	0 dB	0°	266°	+6°	319°	+2°	2.2dB	239°K	379761	-233 Hz
2026-10-23 Friday	19:30	272°	+1°	0 dB	0°	272°	+1°	326°	+2°	2.2dB	239°K	379649	-234 Hz
2026-10-24 Saturday	08:00	087°	+4°	0 dB	0°	087°	+4°	148°	+6°	2.3dB	255°K	376917	+361 Hz
2026-10-24 Saturday	08:30	092°	+9°	0 dB	0°	092°	+9°	155°	+6°	2.3dB	255°K	376810	+359 Hz
2026-10-24 Saturday	09:00	098°	+15°	0 dB	0°	098°	+15°	162°	+6°	2.3dB	256°K	376704	+351 Hz
2026-10-24 Saturday	09:30	103°	+20°	0 dB	0°	103°	+20°	170°	+6°	2.3dB	257°K	376598	+339 Hz
2026-10-24 Saturday	10:00	109°	+25°	0 dB	0°	109°	+25°	177°	+6°	2.3dB	257°K	376493	+323 Hz
2026-10-24 Saturday	10:30	115°	+29°	0 dB	0°	115°	+29°	184°	+6°	2.3dB	258°K	376387	+302 Hz
2026-10-24 Saturday	11:00	122°	+34°	0 dB	0°	122°	+34°	191°	+6°	2.3dB	258°K	376282	+276 Hz
2026-10-24 Saturday	11:30	129°	+38°	0 dB	0°	129°	+38°	199°	+7°	2.3dB	259°K	376177	+248 Hz
2026-10-24 Saturday	12:00	137°	+42°	0 dB	0°	137°	+42°	206°	+7°	2.3dB	260°K	376073	+215 Hz
2026-10-24 Saturday	12:30	146°	+45°	0 dB	0°	146°	+45°	213°	+7°	2.3dB	260°K	375968	+181 Hz
2026-10-24 Saturday	13:00	156°	+48°	0 dB	0°	156°	+48°	220°	+7°	2.3dB	261°K	375864	+144 Hz
2026-10-24 Saturday	13:30	167°	+50°	0 dB	0°	167°	+50°	228°	+7°	2.3dB	261°K	375761	+105 Hz
2026-10-24 Saturday	14:00	178°	+50°	0 dB	0°	178°	+50°	235°	+7°	2.3dB	262°K	375657	+66 Hz
2026-10-24 Saturday	14:30	190°	+50°	0 dB	0°	190°	+50°	242°	+7°	2.3dB	263°K	375554	+27 Hz
2026-10-24 Saturday	15:00	201°	+49°	0 dB	0°	201°	+49°	249°	+7°	2.3dB	263°K	375451	-11 Hz
2026-10-24 Saturday	15:30	211°	+47°	0 dB	0°	211°	+47°	257°	+8°	2.3dB	264°K	375349	-49 Hz
2026-10-24 Saturday	16:00	221°	+44°	0 dB	0°	221°	+44°	264°	+8°	2.3dB	264°K	375247	-84 Hz
2026-10-24 Saturday	16:30	229°	+41°	0 dB	0°	229°	+41°	271°	+8°	2.3dB	265°K	375145	-117 Hz
2026-10-24 Saturday	17:00	237°	+37°	0 dB	0°	237°	+37°	278°	+8°	2.3dB	266°K	375043	-146 Hz
2026-10-24 Saturday	17:30	244°	+32°	0 dB	0°	244°	+32°	286°	+8°	2.3dB	266°K	374942	-173 Hz
2026-10-24 Saturday	18:00	251°	+28°	0 dB	0°	251°	+28°	293°	+8°	2.3dB	267°K	374841	-195 Hz
2026-10-24 Saturday	18:30	257°	+23°	0 dB	0°	257°	+23°	300°	+8°	2.3dB	267°K	374740	-213 Hz
2026-10-24 Saturday	19:00	262°	+18°	0 dB	0°	262°	+18°	307°	+9°	2.3dB	268°K	374640	-226 Hz
2026-10-24 Saturday	19:30	268°	+13°	0 dB	0°	268°	+13°	315°	+9°	2.3dB	269°K	374540	-234 Hz
2026-10-24 Saturday	20:00	273°	+8°	0 dB	0°	273°	+8°	322°	+9°	2.3dB	269°K	374441	-238 Hz
2026-10-24 Saturday	20:30	278°	+3°	0 dB	0°	278°	+3°	329°	+9°	2.3dB	270°K	374341	-237 Hz
2026-10-25 Sunday	08:00	075°	+1°	0 dB	0°	075°	+1°	136°	+12°	2.4dB	284°K	372159	+342 Hz
2026-10-25 Sunday	08:30	080°	+6°	0 dB	0°	080°	+6°	143°	+12°	2.4dB	285°K	372069	+346 Hz
2026-10-25 Sunday	09:00	085°	+11°	0 dB	0°	085°	+11°	151°	+12°	2.4dB	285°K	371979	+347 Hz
2026-10-25 Sunday	09:30	090°	+16°	0 dB	0°	090°	+16°	158°	+12°	2.4dB	286°K	371890	+342 Hz
2026-10-25 Sunday	10:00	095°	+21°	0 dB	0°	095°	+21°	165°	+12°	2.4dB	287°K	371801	+333 Hz
2026-10-25 Sunday	10:30	101°	+26°	0 dB	0°	101°	+26°	172°	+12°	2.4dB	287°K	371712	+319 Hz
2026-10-25 Sunday	11:00	106°	+31°	0 dB	0°	106°	+31°	180°	+13°	2.4dB	288°K	371624	+301 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-25 Sunday	11:30	113°	+36°	0 dB	0°	113°	+36°	187°	+13°	2.4dB	288°K	371537	+278 Hz
2026-10-25 Sunday	12:00	120°	+41°	0 dB	0°	120°	+41°	194°	+13°	2.5dB	289°K	371449	+252 Hz
2026-10-25 Sunday	12:30	127°	+45°	0 dB	0°	127°	+45°	201°	+13°	2.5dB	290°K	371363	+222 Hz
2026-10-25 Sunday	13:00	136°	+49°	0 dB	0°	136°	+49°	209°	+13°	2.5dB	290°K	371276	+189 Hz
2026-10-25 Sunday	13:30	146°	+52°	0 dB	0°	146°	+52°	216°	+13°	2.5dB	291°K	371190	+154 Hz
2026-10-25 Sunday	14:00	157°	+55°	0 dB	0°	157°	+55°	223°	+13°	2.5dB	292°K	371105	+118 Hz
2026-10-25 Sunday	14:30	170°	+56°	0 dB	0°	170°	+56°	230°	+13°	2.5dB	292°K	371020	+80 Hz
2026-10-25 Sunday	15:00	183°	+57°	0 dB	0°	183°	+57°	238°	+14°	2.5dB	293°K	370936	+41 Hz
2026-10-25 Sunday	15:30	196°	+56°	0 dB	0°	196°	+56°	245°	+14°	2.5dB	294°K	370852	+3 Hz
2026-10-25 Sunday	16:00	208°	+54°	0 dB	0°	208°	+54°	252°	+14°	2.5dB	294°K	370768	-35 Hz
2026-10-25 Sunday	16:30	219°	+52°	0 dB	0°	219°	+52°	259°	+14°	2.5dB	295°K	370685	-70 Hz
2026-10-25 Sunday	17:00	229°	+48°	0 dB	0°	229°	+48°	267°	+14°	2.5dB	295°K	370602	-104 Hz
2026-10-25 Sunday	17:30	237°	+44°	0 dB	0°	237°	+44°	274°	+14°	2.5dB	296°K	370520	-135 Hz
2026-10-25 Sunday	18:00	245°	+40°	0 dB	0°	245°	+40°	281°	+14°	2.5dB	296°K	370438	-163 Hz
2026-10-25 Sunday	18:30	252°	+35°	0 dB	0°	252°	+35°	288°	+14°	2.5dB	296°K	370357	-187 Hz
2026-10-25 Sunday	19:00	258°	+31°	0 dB	0°	258°	+31°	295°	+15°	2.5dB	297°K	370276	-208 Hz
2026-10-25 Sunday	19:30	264°	+26°	0 dB	0°	264°	+26°	303°	+15°	2.5dB	297°K	370196	-223 Hz
2026-10-25 Sunday	20:00	269°	+21°	0 dB	0°	269°	+21°	310°	+15°	2.5dB	297°K	370116	-235 Hz
2026-10-25 Sunday	20:30	274°	+16°	0 dB	0°	274°	+16°	317°	+15°	2.5dB	298°K	370037	-241 Hz
2026-10-25 Sunday	21:00	279°	+11°	0 dB	0°	279°	+11°	324°	+15°	2.5dB	298°K	369958	-244 Hz
2026-10-25 Sunday	21:30	285°	+6°	0 dB	0°	285°	+6°	332°	+15°	2.5dB	298°K	369880	-241 Hz
2026-10-25 Sunday	22:00	290°	+1°	0 dB	0°	290°	+1°	339°	+15°	2.5dB	299°K	369802	-234 Hz
2026-10-26 Monday	08:30	067°	+2°	0 dB	0°	067°	+2°	131°	+18°	2.6dB	312°K	368284	+314 Hz
2026-10-26 Monday	09:00	072°	+6°	0 dB	0°	072°	+6°	138°	+18°	2.6dB	314°K	368217	+322 Hz
2026-10-26 Monday	09:30	077°	+11°	0 dB	0°	077°	+11°	145°	+18°	2.6dB	316°K	368151	+326 Hz
2026-10-26 Monday	10:00	082°	+16°	0 dB	0°	082°	+16°	153°	+18°	2.6dB	317°K	368086	+324 Hz
2026-10-26 Monday	10:30	087°	+21°	0 dB	0°	087°	+21°	160°	+18°	2.7dB	319°K	368021	+319 Hz
2026-10-26 Monday	11:00	092°	+27°	0 dB	0°	092°	+27°	167°	+18°	2.7dB	321°K	367956	+308 Hz
2026-10-26 Monday	11:30	097°	+32°	0 dB	0°	097°	+32°	174°	+18°	2.7dB	322°K	367893	+293 Hz
2026-10-26 Monday	12:00	103°	+37°	0 dB	0°	103°	+37°	181°	+18°	2.7dB	324°K	367829	+275 Hz
2026-10-26 Monday	12:30	109°	+42°	0 dB	0°	109°	+42°	189°	+19°	2.7dB	326°K	367767	+252 Hz
2026-10-26 Monday	13:00	116°	+46°	0 dB	0°	116°	+46°	196°	+19°	2.7dB	328°K	367704	+225 Hz
2026-10-26 Monday	13:30	124°	+51°	0 dB	0°	124°	+51°	203°	+19°	2.7dB	329°K	367643	+195 Hz
2026-10-26 Monday	14:00	134°	+55°	0 dB	0°	134°	+55°	210°	+19°	2.8dB	331°K	367582	+163 Hz
2026-10-26 Monday	14:30	145°	+58°	0 dB	0°	145°	+58°	218°	+19°	2.8dB	333°K	367521	+128 Hz
2026-10-26 Monday	15:00	157°	+61°	0 dB	0°	157°	+61°	225°	+19°	2.8dB	334°K	367461	+92 Hz
2026-10-26 Monday	15:30	172°	+62°	0 dB	0°	172°	+62°	232°	+19°	2.8dB	336°K	367402	+55 Hz
2026-10-26 Monday	16:00	187°	+63°	0 dB	0°	187°	+63°	239°	+19°	2.8dB	338°K	367343	+18 Hz
2026-10-26 Monday	16:30	201°	+61°	0 dB	0°	201°	+61°	246°	+19°	2.9dB	340°K	367285	-19 Hz
2026-10-26 Monday	17:00	214°	+59°	0 dB	0°	214°	+59°	254°	+20°	2.9dB	341°K	367227	-55 Hz
2026-10-26 Monday	17:30	226°	+56°	0 dB	0°	226°	+56°	261°	+20°	2.9dB	343°K	367170	-89 Hz
2026-10-26 Monday	18:00	236°	+52°	0 dB	0°	236°	+52°	268°	+20°	2.9dB	345°K	367113	-121 Hz
2026-10-26 Monday	18:30	244°	+48°	0 dB	0°	244°	+48°	275°	+20°	2.9dB	347°K	367057	-151 Hz
2026-10-26 Monday	19:00	251°	+43°	0 dB	0°	251°	+43°	283°	+20°	2.9dB	348°K	367002	-177 Hz
2026-10-26 Monday	19:30	258°	+38°	0 dB	0°	258°	+38°	290°	+20°	2.9dB	349°K	366947	-200 Hz
2026-10-26 Monday	20:00	264°	+34°	0 dB	0°	264°	+34°	297°	+20°	2.9dB	350°K	366893	-218 Hz
2026-10-26 Monday	20:30	269°	+29°	0 dB	0°	269°	+29°	304°	+20°	2.9dB	351°K	366839	-233 Hz
2026-10-26 Monday	21:00	274°	+24°	0 dB	0°	274°	+24°	311°	+20°	2.9dB	351°K	366786	-243 Hz
2026-10-26 Monday	21:30	279°	+19°	0 dB	0°	279°	+19°	319°	+20°	3.0dB	352°K	366733	-249 Hz
2026-10-26 Monday	22:00	284°	+14°	0 dB	0°	284°	+14°	326°	+21°	3.0dB	353°K	366681	-250 Hz
2026-10-26 Monday	22:30	289°	+9°	0 dB	0°	289°	+9°	333°	+21°	3.0dB	354°K	366630	-247 Hz
2026-10-26 Monday	23:00	294°	+5°	0 dB	0°	294°	+5°	340°	+21°	3.0dB	355°K	366579	-239 Hz
2026-10-26 Monday	23:30	300°	+0°	0 dB	0°	300°	+0°	347°	+21°	3.0dB	356°K	366528	-227 Hz
2026-10-27 Tuesday	09:00	059°	+1°	0 dB	0°	059°	+1°	124°	+23°	3.0dB	366°K	365684	+280 Hz
2026-10-27 Tuesday	09:30	064°	+6°	0 dB	0°	064°	+6°	132°	+23°	3.0dB	365°K	365645	+291 Hz
2026-10-27 Tuesday	10:00	069°	+11°	0 dB	0°	069°	+11°	139°	+23°	3.0dB	364°K	365607	+298 Hz
2026-10-27 Tuesday	10:30	074°	+15°	0 dB	0°	074°	+15°	146°	+23°	3.0dB	363°K	365570	+300 Hz
2026-10-27 Tuesday	11:00	078°	+20°	0 dB	0°	078°	+20°	153°	+23°	3.0dB	362°K	365533	+298 Hz
2026-10-27 Tuesday	11:30	083°	+25°	0 dB	0°	083°	+25°	160°	+23°	3.0dB	361°K	365497	+292 Hz
2026-10-27 Tuesday	12:00	088°	+30°	0 dB	0°	088°	+30°	168°	+23°	3.0dB	360°K	365461	+282 Hz
2026-10-27 Tuesday	12:30	093°	+35°	0 dB	0°	093°	+35°	175°	+23°	3.0dB	359°K	365426	+267 Hz
2026-10-27 Tuesday	13:00	099°	+40°	0 dB	0°	099°	+40°	182°	+23°	3.0dB	358°K	365392	+248 Hz
2026-10-27 Tuesday	13:30	105°	+45°	0 dB	0°	105°	+45°	189°	+23°	2.9dB	357°K	365358	+226 Hz
2026-10-27 Tuesday	14:00	112°	+50°	0 dB	0°	112°	+50°	196°	+23°	2.9dB	356°K	365325	+200 Hz
2026-10-27 Tuesday	14:30	120°	+55°	0 dB	0°	120°	+55°	204°	+24°	2.9dB	355°K	365292	+171 Hz
2026-10-27 Tuesday	15:00	130°	+59°	0 dB	0°	130°	+59°	211°	+24°	2.9dB	354°K	365260	+140 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-27 Tuesday	15:30	141°	+63°	0 dB	0°	141°	+63°	218°	+24°	2.9dB	354°K	365229	+106 Hz
2026-10-27 Tuesday	16:00	155°	+66°	0 dB	0°	155°	+66°	225°	+24°	2.9dB	353°K	365198	+71 Hz
2026-10-27 Tuesday	16:30	171°	+67°	0 dB	0°	171°	+67°	232°	+24°	2.9dB	352°K	365168	+35 Hz
2026-10-27 Tuesday	17:00	189°	+67°	0 dB	0°	189°	+67°	240°	+24°	2.9dB	351°K	365138	-1 Hz
2026-10-27 Tuesday	17:30	205°	+66°	0 dB	0°	205°	+66°	247°	+24°	2.9dB	350°K	365109	-36 Hz
2026-10-27 Tuesday	18:00	219°	+63°	0 dB	0°	219°	+63°	254°	+24°	2.8dB	349°K	365081	-71 Hz
2026-10-27 Tuesday	18:30	231°	+60°	0 dB	0°	231°	+60°	261°	+24°	2.8dB	348°K	365053	-104 Hz
2026-10-27 Tuesday	19:00	241°	+55°	0 dB	0°	241°	+55°	268°	+24°	2.8dB	348°K	365025	-135 Hz
2026-10-27 Tuesday	19:30	249°	+51°	0 dB	0°	249°	+51°	276°	+24°	2.8dB	349°K	364999	-163 Hz
2026-10-27 Tuesday	20:00	256°	+46°	0 dB	0°	256°	+46°	283°	+24°	2.8dB	350°K	364973	-188 Hz
2026-10-27 Tuesday	20:30	262°	+41°	0 dB	0°	262°	+41°	290°	+24°	2.9dB	351°K	364947	-210 Hz
2026-10-27 Tuesday	21:00	268°	+36°	0 dB	0°	268°	+36°	297°	+25°	2.9dB	352°K	364922	-228 Hz
2026-10-27 Tuesday	21:30	273°	+31°	0 dB	0°	273°	+31°	304°	+25°	2.9dB	353°K	364898	-242 Hz
2026-10-27 Tuesday	22:00	278°	+26°	0 dB	0°	278°	+26°	312°	+25°	2.9dB	354°K	364874	-252 Hz
2026-10-27 Tuesday	22:30	283°	+21°	0 dB	0°	283°	+21°	319°	+25°	2.9dB	355°K	364851	-257 Hz
2026-10-27 Tuesday	23:00	288°	+17°	0 dB	0°	288°	+17°	326°	+25°	2.9dB	356°K	364829	-258 Hz
2026-10-27 Tuesday	23:30	292°	+12°	0 dB	0°	292°	+12°	333°	+25°	2.9dB	357°K	364807	-255 Hz
2026-10-28 Wednesday	00:00	297°	+8°	0 dB	0°	297°	+8°	340°	+25°	2.9dB	358°K	364785	-248 Hz
2026-10-28 Wednesday	00:30	302°	+3°	0 dB	0°	302°	+3°	348°	+25°	2.9dB	358°K	364765	-236 Hz
2026-10-28 Wednesday	09:30	052°	-0°	0 dB	0°	052°	-0°	117°	+26°	3.1dB	378°K	364492	+240 Hz
2026-10-28 Wednesday	10:00	057°	+4°	0 dB	0°	057°	+4°	124°	+26°	3.1dB	380°K	364482	+255 Hz
2026-10-28 Wednesday	10:30	062°	+8°	0 dB	0°	062°	+8°	131°	+26°	3.1dB	381°K	364473	+266 Hz
2026-10-28 Wednesday	11:00	066°	+13°	0 dB	0°	066°	+13°	139°	+26°	3.2dB	382°K	364465	+273 Hz
2026-10-28 Wednesday	11:30	071°	+17°	0 dB	0°	071°	+17°	146°	+26°	3.2dB	384°K	364457	+275 Hz
2026-10-28 Wednesday	12:00	076°	+22°	0 dB	0°	076°	+22°	153°	+26°	3.2dB	385°K	364450	+274 Hz
2026-10-28 Wednesday	12:30	080°	+27°	0 dB	0°	080°	+27°	160°	+26°	3.2dB	387°K	364443	+268 Hz
2026-10-28 Wednesday	13:00	085°	+32°	0 dB	0°	085°	+32°	167°	+26°	3.2dB	388°K	364437	+258 Hz
2026-10-28 Wednesday	13:30	090°	+37°	0 dB	0°	090°	+37°	174°	+26°	3.2dB	389°K	364431	+244 Hz
2026-10-28 Wednesday	14:00	095°	+42°	0 dB	0°	095°	+42°	182°	+27°	3.2dB	391°K	364426	+227 Hz
2026-10-28 Wednesday	14:30	101°	+47°	0 dB	0°	101°	+47°	189°	+27°	3.2dB	392°K	364422	+205 Hz
2026-10-28 Wednesday	15:00	108°	+52°	0 dB	0°	108°	+52°	196°	+27°	3.3dB	393°K	364418	+180 Hz
2026-10-28 Wednesday	15:30	116°	+57°	0 dB	0°	116°	+57°	203°	+27°	3.3dB	395°K	364414	+152 Hz
2026-10-28 Wednesday	16:00	125°	+61°	0 dB	0°	125°	+61°	210°	+27°	3.3dB	396°K	364412	+122 Hz
2026-10-28 Wednesday	16:30	137°	+65°	0 dB	0°	137°	+65°	218°	+27°	3.3dB	398°K	364409	+90 Hz
2026-10-28 Wednesday	17:00	151°	+68°	0 dB	0°	151°	+68°	225°	+27°	3.3dB	399°K	364408	+56 Hz
2026-10-28 Wednesday	17:30	169°	+70°	0 dB	0°	169°	+70°	232°	+27°	3.3dB	400°K	364407	+21 Hz
2026-10-28 Wednesday	18:00	188°	+70°	0 dB	0°	188°	+70°	239°	+27°	3.3dB	402°K	364406	-14 Hz
2026-10-28 Wednesday	18:30	206°	+69°	0 dB	0°	206°	+69°	246°	+27°	3.4dB	404°K	364406	-49 Hz
2026-10-28 Wednesday	19:00	222°	+66°	0 dB	0°	222°	+66°	253°	+27°	3.4dB	405°K	364407	-82 Hz
2026-10-28 Wednesday	19:30	234°	+62°	0 dB	0°	234°	+62°	261°	+27°	3.4dB	407°K	364408	-115 Hz
2026-10-28 Wednesday	20:00	244°	+58°	0 dB	0°	244°	+58°	268°	+27°	3.4dB	408°K	364410	-145 Hz
2026-10-28 Wednesday	20:30	252°	+53°	0 dB	0°	252°	+53°	275°	+27°	3.4dB	410°K	364412	-173 Hz
2026-10-28 Wednesday	21:00	259°	+48°	0 dB	0°	259°	+48°	282°	+27°	3.4dB	411°K	364415	-198 Hz
2026-10-28 Wednesday	21:30	265°	+43°	0 dB	0°	265°	+43°	289°	+27°	3.4dB	413°K	364418	-220 Hz
2026-10-28 Wednesday	22:00	270°	+38°	0 dB	0°	270°	+38°	297°	+27°	3.5dB	415°K	364422	-238 Hz
2026-10-28 Wednesday	22:30	275°	+33°	0 dB	0°	275°	+33°	304°	+27°	3.5dB	416°K	364427	-252 Hz
2026-10-28 Wednesday	23:00	280°	+29°	0 dB	0°	280°	+29°	311°	+27°	3.5dB	418°K	364432	-262 Hz
2026-10-28 Wednesday	23:30	285°	+24°	0 dB	0°	285°	+24°	318°	+27°	3.5dB	419°K	364437	-268 Hz
2026-10-29 Thursday	00:00	289°	+19°	0 dB	0°	289°	+19°	325°	+27°	3.5dB	421°K	364443	-269 Hz
2026-10-29 Thursday	00:30	294°	+14°	0 dB	0°	294°	+14°	332°	+27°	3.5dB	423°K	364450	-267 Hz
2026-10-29 Thursday	01:00	298°	+10°	0 dB	0°	298°	+10°	340°	+27°	3.5dB	424°K	364457	-260 Hz
2026-10-29 Thursday	01:30	303°	+6°	0 dB	0°	303°	+6°	347°	+27°	3.6dB	426°K	364465	-250 Hz
2026-10-29 Thursday	02:00	308°	+2°	0 dB	0°	308°	+2°	354°	+27°	3.6dB	427°K	364473	-235 Hz
2026-10-29 Thursday	10:30	050°	+1°	0 dB	0°	050°	+1°	116°	+28°	4.0dB	472°K	364694	+218 Hz
2026-10-29 Thursday	11:00	055°	+5°	0 dB	0°	055°	+5°	123°	+28°	4.0dB	475°K	364712	+233 Hz
2026-10-29 Thursday	11:30	060°	+9°	0 dB	0°	060°	+9°	130°	+28°	4.0dB	478°K	364730	+244 Hz
2026-10-29 Thursday	12:00	065°	+13°	0 dB	0°	065°	+13°	138°	+28°	4.0dB	481°K	364749	+252 Hz
2026-10-29 Thursday	12:30	069°	+18°	0 dB	0°	069°	+18°	145°	+28°	4.1dB	484°K	364768	+256 Hz
2026-10-29 Thursday	13:00	074°	+23°	0 dB	0°	074°	+23°	152°	+28°	4.1dB	487°K	364787	+255 Hz
2026-10-29 Thursday	13:30	078°	+27°	0 dB	0°	078°	+27°	159°	+28°	4.1dB	490°K	364808	+250 Hz
2026-10-29 Thursday	14:00	083°	+32°	0 dB	0°	083°	+32°	166°	+28°	4.1dB	493°K	364828	+241 Hz
2026-10-29 Thursday	14:30	088°	+37°	0 dB	0°	088°	+37°	173°	+28°	4.2dB	496°K	364849	+228 Hz
2026-10-29 Thursday	15:00	093°	+42°	0 dB	0°	093°	+42°	181°	+28°	4.2dB	499°K	364871	+211 Hz
2026-10-29 Thursday	15:30	099°	+47°	0 dB	0°	099°	+47°	188°	+28°	4.2dB	500°K	364893	+191 Hz
2026-10-29 Thursday	16:00	105°	+52°	0 dB	0°	105°	+52°	195°	+28°	4.2dB	500°K	364916	+167 Hz
2026-10-29 Thursday	16:30	113°	+57°	0 dB	0°	113°	+57°	202°	+28°	4.2dB	500°K	364939	+140 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-29 Thursday	17:00	122°	+62°	0 dB	0°	122°	+62°	209°	+28°	4.2dB	500°K	364962	+110 Hz
2026-10-29 Thursday	17:30	133°	+66°	0 dB	0°	133°	+66°	216°	+28°	4.2dB	500°K	364986	+79 Hz
2026-10-29 Thursday	18:00	148°	+69°	0 dB	0°	148°	+69°	224°	+28°	4.2dB	500°K	365011	+46 Hz
2026-10-29 Thursday	18:30	166°	+71°	0 dB	0°	166°	+71°	231°	+28°	4.2dB	500°K	365035	+11 Hz
2026-10-29 Thursday	19:00	185°	+71°	0 dB	0°	185°	+71°	238°	+28°	4.2dB	500°K	365061	-23 Hz
2026-10-29 Thursday	19:30	205°	+70°	0 dB	0°	205°	+70°	245°	+28°	4.2dB	500°K	365087	-58 Hz
2026-10-29 Thursday	20:00	221°	+67°	0 dB	0°	221°	+67°	252°	+28°	4.2dB	500°K	365113	-91 Hz
2026-10-29 Thursday	20:30	233°	+63°	0 dB	0°	233°	+63°	260°	+28°	4.2dB	500°K	365140	-124 Hz
2026-10-29 Thursday	21:00	243°	+59°	0 dB	0°	243°	+59°	267°	+28°	4.2dB	500°K	365167	-154 Hz
2026-10-29 Thursday	21:30	252°	+55°	0 dB	0°	252°	+55°	274°	+28°	4.2dB	500°K	365195	-182 Hz
2026-10-29 Thursday	22:00	258°	+50°	0 dB	0°	258°	+50°	281°	+28°	4.2dB	500°K	365223	-208 Hz
2026-10-29 Thursday	22:30	264°	+45°	0 dB	0°	264°	+45°	288°	+28°	4.2dB	500°K	365252	-230 Hz
2026-10-29 Thursday	23:00	270°	+40°	0 dB	0°	270°	+40°	295°	+28°	4.2dB	500°K	365281	-248 Hz
2026-10-29 Thursday	23:30	275°	+35°	0 dB	0°	275°	+35°	303°	+28°	4.2dB	500°K	365310	-263 Hz
2026-10-30 Friday	00:00	280°	+30°	0 dB	0°	280°	+30°	310°	+28°	4.2dB	500°K	365340	-274 Hz
2026-10-30 Friday	00:30	284°	+25°	0 dB	0°	284°	+25°	317°	+28°	4.2dB	500°K	365371	-281 Hz
2026-10-30 Friday	01:00	289°	+20°	0 dB	0°	289°	+20°	324°	+28°	4.2dB	500°K	365402	-283 Hz
2026-10-30 Friday	01:30	293°	+15°	0 dB	0°	293°	+15°	331°	+28°	4.2dB	500°K	365433	-281 Hz
2026-10-30 Friday	02:00	298°	+11°	0 dB	0°	298°	+11°	338°	+28°	4.2dB	500°K	365465	-276 Hz
2026-10-30 Friday	02:30	303°	+6°	0 dB	0°	303°	+6°	346°	+28°	4.2dB	497°K	365497	-266 Hz
2026-10-30 Friday	03:00	308°	+2°	0 dB	0°	308°	+2°	353°	+28°	4.2dB	493°K	365530	-252 Hz
2026-10-30 Friday	11:30	050°	-0°	0 dB	0°	050°	-0°	115°	+27°	3.6dB	426°K	366148	+202 Hz
2026-10-30 Friday	12:00	055°	+4°	0 dB	0°	055°	+4°	122°	+27°	3.6dB	422°K	366188	+218 Hz
2026-10-30 Friday	12:30	060°	+8°	0 dB	0°	060°	+8°	129°	+27°	3.6dB	418°K	366229	+231 Hz
2026-10-30 Friday	13:00	064°	+12°	0 dB	0°	064°	+12°	136°	+27°	3.5dB	414°K	366269	+239 Hz
2026-10-30 Friday	13:30	069°	+17°	0 dB	0°	069°	+17°	144°	+27°	3.5dB	411°K	366311	+243 Hz
2026-10-30 Friday	14:00	074°	+21°	0 dB	0°	074°	+21°	151°	+27°	3.5dB	409°K	366352	+244 Hz
2026-10-30 Friday	14:30	078°	+26°	0 dB	0°	078°	+26°	158°	+27°	3.5dB	408°K	366394	+240 Hz
2026-10-30 Friday	15:00	083°	+31°	0 dB	0°	083°	+31°	165°	+27°	3.5dB	406°K	366436	+232 Hz
2026-10-30 Friday	15:30	088°	+36°	0 dB	0°	088°	+36°	172°	+27°	3.5dB	404°K	366479	+219 Hz
2026-10-30 Friday	16:00	093°	+41°	0 dB	0°	093°	+41°	180°	+27°	3.4dB	402°K	366522	+203 Hz
2026-10-30 Friday	16:30	099°	+46°	0 dB	0°	099°	+46°	187°	+27°	3.4dB	400°K	366566	+183 Hz
2026-10-30 Friday	17:00	105°	+51°	0 dB	0°	105°	+51°	194°	+27°	3.4dB	398°K	366609	+160 Hz
2026-10-30 Friday	17:30	113°	+56°	0 dB	0°	113°	+56°	201°	+27°	3.4dB	396°K	366654	+133 Hz
2026-10-30 Friday	18:00	122°	+60°	0 dB	0°	122°	+60°	208°	+27°	3.4dB	394°K	366698	+104 Hz
2026-10-30 Friday	18:30	133°	+64°	0 dB	0°	133°	+64°	216°	+27°	3.4dB	392°K	366743	+72 Hz
2026-10-30 Friday	19:00	147°	+67°	0 dB	0°	147°	+67°	223°	+27°	3.3dB	390°K	366788	+39 Hz
2026-10-30 Friday	19:30	164°	+70°	0 dB	0°	164°	+70°	230°	+27°	3.3dB	388°K	366834	+4 Hz
2026-10-30 Friday	20:00	183°	+70°	0 dB	0°	183°	+70°	237°	+27°	3.3dB	386°K	366880	-31 Hz
2026-10-30 Friday	20:30	201°	+69°	0 dB	0°	201°	+69°	244°	+27°	3.3dB	384°K	366926	-65 Hz
2026-10-30 Friday	21:00	217°	+66°	0 dB	0°	217°	+66°	251°	+27°	3.3dB	382°K	366972	-100 Hz
2026-10-30 Friday	21:30	230°	+63°	0 dB	0°	230°	+63°	259°	+27°	3.3dB	380°K	367019	-133 Hz
2026-10-30 Friday	22:00	240°	+59°	0 dB	0°	240°	+59°	266°	+26°	3.2dB	379°K	367067	-164 Hz
2026-10-30 Friday	22:30	249°	+54°	0 dB	0°	249°	+54°	273°	+26°	3.2dB	377°K	367114	-193 Hz
2026-10-30 Friday	23:00	256°	+49°	0 dB	0°	256°	+49°	280°	+26°	3.2dB	375°K	367162	-219 Hz
2026-10-30 Friday	23:30	262°	+44°	0 dB	0°	262°	+44°	287°	+26°	3.2dB	373°K	367211	-242 Hz
2026-10-31 Saturday	00:00	268°	+39°	0 dB	0°	268°	+39°	295°	+26°	3.2dB	371°K	367259	-261 Hz
2026-10-31 Saturday	00:30	273°	+34°	0 dB	0°	273°	+34°	302°	+26°	3.2dB	369°K	367308	-277 Hz
2026-10-31 Saturday	01:00	278°	+29°	0 dB	0°	278°	+29°	309°	+26°	3.1dB	366°K	367357	-289 Hz
2026-10-31 Saturday	01:30	282°	+24°	0 dB	0°	282°	+24°	316°	+26°	3.1dB	363°K	367407	-296 Hz
2026-10-31 Saturday	02:00	287°	+19°	0 dB	0°	287°	+19°	323°	+26°	3.1dB	360°K	367457	-299 Hz
2026-10-31 Saturday	02:30	292°	+15°	0 dB	0°	292°	+15°	331°	+26°	3.0dB	357°K	367507	-298 Hz
2026-10-31 Saturday	03:00	296°	+10°	0 dB	0°	296°	+10°	338°	+26°	3.0dB	355°K	367558	-292 Hz
2026-10-31 Saturday	03:30	301°	+6°	0 dB	0°	301°	+6°	345°	+26°	3.0dB	352°K	367609	-283 Hz
2026-10-31 Saturday	04:00	306°	+1°	0 dB	0°	306°	+1°	352°	+26°	3.0dB	349°K	367660	-270 Hz
2026-10-31 Saturday	13:00	056°	+1°	0 dB	0°	056°	+1°	122°	+25°	2.4dB	297°K	368631	+212 Hz
2026-10-31 Saturday	13:30	061°	+6°	0 dB	0°	061°	+6°	129°	+25°	2.4dB	294°K	368687	+225 Hz
2026-10-31 Saturday	14:00	066°	+10°	0 dB	0°	066°	+10°	136°	+25°	2.4dB	291°K	368744	+235 Hz
2026-10-31 Saturday	14:30	071°	+15°	0 dB	0°	071°	+15°	143°	+25°	2.3dB	287°K	368801	+240 Hz
2026-10-31 Saturday	15:00	075°	+19°	0 dB	0°	075°	+19°	151°	+24°	2.3dB	284°K	368858	+240 Hz
2026-10-31 Saturday	15:30	080°	+24°	0 dB	0°	080°	+24°	158°	+24°	2.2dB	281°K	368916	+237 Hz
2026-10-31 Saturday	16:00	085°	+29°	0 dB	0°	085°	+29°	165°	+24°	2.2dB	277°K	368974	+229 Hz
2026-10-31 Saturday	16:30	090°	+34°	0 dB	0°	090°	+34°	172°	+24°	2.1dB	274°K	369032	+217 Hz
2026-10-31 Saturday	17:00	096°	+39°	0 dB	0°	096°	+39°	179°	+24°	2.1dB	271°K	369090	+200 Hz
2026-10-31 Saturday	17:30	102°	+44°	0 dB	0°	102°	+44°	187°	+24°	2.1dB	267°K	369149	+180 Hz
2026-10-31 Saturday	18:00	108°	+49°	0 dB	0°	108°	+49°	194°	+24°	2.0dB	264°K	369208	+156 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-10-31 Saturday	18:30	116°	+54°	0 dB	0°	116°	+54°	201°	+24°	2.0dB	261°K	369267	+129 Hz
2026-10-31 Saturday	19:00	125°	+58°	0 dB	0°	125°	+58°	208°	+24°	2.0dB	258°K	369326	+99 Hz
2026-10-31 Saturday	19:30	136°	+62°	0 dB	0°	136°	+62°	215°	+24°	1.9dB	254°K	369385	+67 Hz
2026-10-31 Saturday	20:00	150°	+65°	0 dB	0°	150°	+65°	223°	+24°	1.9dB	251°K	369445	+33 Hz
2026-10-31 Saturday	20:30	165°	+67°	0 dB	0°	165°	+67°	230°	+24°	1.8dB	248°K	369505	-3 Hz
2026-10-31 Saturday	21:00	182°	+67°	0 dB	0°	182°	+67°	237°	+24°	1.8dB	245°K	369565	-39 Hz
2026-10-31 Saturday	21:30	199°	+66°	0 dB	0°	199°	+66°	244°	+24°	1.7dB	241°K	369626	-75 Hz
2026-10-31 Saturday	22:00	214°	+64°	0 dB	0°	214°	+64°	251°	+23°	1.7dB	238°K	369686	-110 Hz
2026-10-31 Saturday	22:30	226°	+60°	0 dB	0°	226°	+60°	259°	+23°	1.6dB	235°K	369747	-144 Hz
2026-10-31 Saturday	23:00	237°	+56°	0 dB	0°	237°	+56°	266°	+23°	1.6dB	232°K	369808	-176 Hz
2026-10-31 Saturday	23:30	245°	+52°	0 dB	0°	245°	+52°	273°	+23°	1.5dB	228°K	369870	-206 Hz
2026-11-01 Sunday	00:00	252°	+47°	0 dB	0°	252°	+47°	280°	+23°	1.5dB	226°K	369931	-233 Hz
2026-11-01 Sunday	00:30	259°	+42°	0 dB	0°	259°	+42°	287°	+23°	1.5dB	224°K	369993	-256 Hz
2026-11-01 Sunday	01:00	264°	+37°	0 dB	0°	264°	+37°	295°	+23°	1.5dB	223°K	370055	-276 Hz
2026-11-01 Sunday	01:30	270°	+32°	0 dB	0°	270°	+32°	302°	+23°	1.5dB	222°K	370117	-292 Hz
2026-11-01 Sunday	02:00	275°	+27°	0 dB	0°	275°	+27°	309°	+23°	1.5dB	221°K	370179	-304 Hz
2026-11-01 Sunday	02:30	280°	+22°	0 dB	0°	280°	+22°	316°	+23°	1.4dB	220°K	370242	-312 Hz
2026-11-01 Sunday	03:00	284°	+17°	0 dB	0°	284°	+17°	324°	+23°	1.4dB	219°K	370304	-315 Hz
2026-11-01 Sunday	03:30	289°	+12°	0 dB	0°	289°	+12°	331°	+23°	1.4dB	218°K	370367	-313 Hz
2026-11-01 Sunday	04:00	294°	+7°	0 dB	0°	294°	+7°	338°	+22°	1.4dB	217°K	370430	-308 Hz
2026-11-01 Sunday	04:30	299°	+3°	0 dB	0°	299°	+3°	345°	+22°	1.4dB	216°K	370494	-298 Hz
2026-11-01 Sunday	14:30	064°	+3°	0 dB	0°	064°	+3°	130°	+21°	1.1dB	195°K	371796	+228 Hz
2026-11-01 Sunday	15:00	069°	+8°	0 dB	0°	069°	+8°	137°	+20°	1.1dB	194°K	371863	+237 Hz
2026-11-01 Sunday	15:30	074°	+12°	0 dB	0°	074°	+12°	144°	+20°	1.1dB	193°K	371930	+242 Hz
2026-11-01 Sunday	16:00	079°	+17°	0 dB	0°	079°	+17°	151°	+20°	1.1dB	192°K	371997	+242 Hz
2026-11-01 Sunday	16:30	084°	+22°	0 dB	0°	084°	+22°	159°	+20°	1.1dB	191°K	372064	+238 Hz
2026-11-01 Sunday	17:00	089°	+27°	0 dB	0°	089°	+27°	166°	+20°	1.0dB	190°K	372132	+230 Hz
2026-11-01 Sunday	17:30	095°	+32°	0 dB	0°	095°	+32°	173°	+20°	1.0dB	189°K	372199	+217 Hz
2026-11-01 Sunday	18:00	101°	+37°	0 dB	0°	101°	+37°	180°	+20°	1.0dB	188°K	372267	+199 Hz
2026-11-01 Sunday	18:30	107°	+42°	0 dB	0°	107°	+42°	187°	+20°	1.0dB	187°K	372335	+178 Hz
2026-11-01 Sunday	19:00	114°	+46°	0 dB	0°	114°	+46°	195°	+20°	1.0dB	186°K	372403	+153 Hz
2026-11-01 Sunday	19:30	122°	+51°	0 dB	0°	122°	+51°	202°	+20°	1.0dB	185°K	372471	+124 Hz
2026-11-01 Sunday	20:00	131°	+55°	0 dB	0°	131°	+55°	209°	+19°	1.0dB	184°K	372539	+93 Hz
2026-11-01 Sunday	20:30	142°	+58°	0 dB	0°	142°	+58°	216°	+19°	0.9dB	183°K	372607	+59 Hz
2026-11-01 Sunday	21:00	155°	+61°	0 dB	0°	155°	+61°	224°	+19°	0.9dB	182°K	372676	+24 Hz
2026-11-01 Sunday	21:30	169°	+62°	0 dB	0°	169°	+62°	231°	+19°	0.9dB	181°K	372744	-13 Hz
2026-11-01 Sunday	22:00	184°	+62°	0 dB	0°	184°	+62°	238°	+19°	0.9dB	180°K	372813	-50 Hz
2026-11-01 Sunday	22:30	199°	+61°	0 dB	0°	199°	+61°	245°	+19°	0.9dB	179°K	372882	-87 Hz
2026-11-01 Sunday	23:00	212°	+59°	0 dB	0°	212°	+59°	253°	+19°	0.9dB	178°K	372951	-123 Hz
2026-11-01 Sunday	23:30	223°	+56°	0 dB	0°	223°	+56°	260°	+19°	0.8dB	177°K	373020	-158 Hz
2026-11-02 Monday	00:00	233°	+52°	0 dB	0°	233°	+52°	267°	+19°	0.8dB	176°K	373089	-191 Hz
2026-11-02 Monday	00:30	242°	+48°	0 dB	0°	242°	+48°	274°	+19°	0.8dB	175°K	373158	-221 Hz
2026-11-02 Monday	01:00	249°	+43°	0 dB	0°	249°	+43°	281°	+18°	0.8dB	174°K	373227	-249 Hz
2026-11-02 Monday	01:30	255°	+38°	0 dB	0°	255°	+38°	289°	+18°	0.8dB	174°K	373297	-273 Hz
2026-11-02 Monday	02:00	261°	+33°	0 dB	0°	261°	+33°	296°	+18°	0.8dB	174°K	373366	-292 Hz
2026-11-02 Monday	02:30	267°	+28°	0 dB	0°	267°	+28°	303°	+18°	0.8dB	174°K	373436	-308 Hz
2026-11-02 Monday	03:00	272°	+23°	0 dB	0°	272°	+23°	310°	+18°	0.8dB	175°K	373506	-320 Hz
2026-11-02 Monday	03:30	277°	+18°	0 dB	0°	277°	+18°	318°	+18°	0.8dB	175°K	373576	-326 Hz
2026-11-02 Monday	04:00	282°	+13°	0 dB	0°	282°	+13°	325°	+18°	0.8dB	175°K	373646	-329 Hz
2026-11-02 Monday	04:30	287°	+8°	0 dB	0°	287°	+8°	332°	+18°	0.9dB	176°K	373716	-326 Hz
2026-11-02 Monday	05:00	292°	+3°	0 dB	0°	292°	+3°	339°	+18°	0.9dB	176°K	373786	-319 Hz
2026-11-02 Monday	15:30	069°	+0°	0 dB	0°	069°	+0°	131°	+15°	1.0dB	182°K	375279	+235 Hz
2026-11-02 Monday	16:00	074°	+5°	0 dB	0°	074°	+5°	139°	+15°	1.1dB	183°K	375351	+244 Hz
2026-11-02 Monday	16:30	079°	+10°	0 dB	0°	079°	+10°	146°	+15°	1.1dB	183°K	375423	+247 Hz
2026-11-02 Monday	17:00	085°	+15°	0 dB	0°	085°	+15°	153°	+15°	1.1dB	183°K	375495	+247 Hz
2026-11-02 Monday	17:30	090°	+20°	0 dB	0°	090°	+20°	160°	+15°	1.1dB	183°K	375567	+241 Hz
2026-11-02 Monday	18:00	095°	+25°	0 dB	0°	095°	+25°	168°	+15°	1.1dB	183°K	375639	+231 Hz
2026-11-02 Monday	18:30	101°	+30°	0 dB	0°	101°	+30°	175°	+15°	1.1dB	183°K	375711	+216 Hz
2026-11-02 Monday	19:00	107°	+34°	0 dB	0°	107°	+34°	182°	+14°	1.1dB	184°K	375784	+197 Hz
2026-11-02 Monday	19:30	114°	+39°	0 dB	0°	114°	+39°	189°	+14°	1.1dB	184°K	375856	+174 Hz
2026-11-02 Monday	20:00	121°	+43°	0 dB	0°	121°	+43°	197°	+14°	1.1dB	184°K	375928	+147 Hz
2026-11-02 Monday	20:30	129°	+47°	0 dB	0°	129°	+47°	204°	+14°	1.1dB	184°K	376001	+117 Hz
2026-11-02 Monday	21:00	139°	+51°	0 dB	0°	139°	+51°	211°	+14°	1.1dB	184°K	376073	+84 Hz
2026-11-02 Monday	21:30	150°	+54°	0 dB	0°	150°	+54°	218°	+14°	1.1dB	184°K	376146	+48 Hz
2026-11-02 Monday	22:00	162°	+56°	0 dB	0°	162°	+56°	226°	+14°	1.1dB	184°K	376218	+11 Hz
2026-11-02 Monday	22:30	174°	+57°	0 dB	0°	174°	+57°	233°	+14°	1.1dB	185°K	376291	-27 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-02 Monday	23:00	188°	+57°	0 dB	0°	188°	+57°	240°	+14°	1.1dB	185°K	376364	-65 Hz
2026-11-02 Monday	23:30	200°	+55°	0 dB	0°	200°	+55°	247°	+13°	1.1dB	185°K	376436	-103 Hz
2026-11-03 Tuesday	00:00	212°	+53°	0 dB	0°	212°	+53°	255°	+13°	1.2dB	185°K	376509	-140 Hz
2026-11-03 Tuesday	00:30	222°	+50°	0 dB	0°	222°	+50°	262°	+13°	1.2dB	185°K	376582	-175 Hz
2026-11-03 Tuesday	01:00	231°	+46°	0 dB	0°	231°	+46°	269°	+13°	1.2dB	185°K	376655	-208 Hz
2026-11-03 Tuesday	01:30	239°	+42°	0 dB	0°	239°	+42°	277°	+13°	1.2dB	186°K	376727	-239 Hz
2026-11-03 Tuesday	02:00	246°	+37°	0 dB	0°	246°	+37°	284°	+13°	1.2dB	186°K	376800	-265 Hz
2026-11-03 Tuesday	02:30	252°	+32°	0 dB	0°	252°	+32°	291°	+13°	1.2dB	186°K	376873	-289 Hz
2026-11-03 Tuesday	03:00	258°	+27°	0 dB	0°	258°	+27°	298°	+13°	1.2dB	186°K	376946	-308 Hz
2026-11-03 Tuesday	03:30	264°	+22°	0 dB	0°	264°	+22°	306°	+12°	1.2dB	186°K	377019	-322 Hz
2026-11-03 Tuesday	04:00	269°	+17°	0 dB	0°	269°	+17°	313°	+12°	1.2dB	186°K	377092	-332 Hz
2026-11-03 Tuesday	04:30	274°	+12°	0 dB	0°	274°	+12°	320°	+12°	1.2dB	186°K	377165	-337 Hz
2026-11-03 Tuesday	05:00	279°	+7°	0 dB	0°	279°	+7°	327°	+12°	1.2dB	187°K	377238	-338 Hz
2026-11-03 Tuesday	05:30	284°	+2°	0 dB	0°	284°	+2°	335°	+12°	1.2dB	187°K	377312	-334 Hz
2026-11-03 Tuesday	17:00	080°	+3°	0 dB	0°	080°	+3°	142°	+9°	1.4dB	194°K	379000	+250 Hz
2026-11-03 Tuesday	17:30	086°	+7°	0 dB	0°	086°	+7°	149°	+9°	1.4dB	194°K	379074	+252 Hz
2026-11-03 Tuesday	18:00	091°	+12°	0 dB	0°	091°	+12°	156°	+9°	1.4dB	195°K	379147	+250 Hz
2026-11-03 Tuesday	18:30	096°	+17°	0 dB	0°	096°	+17°	163°	+9°	1.5dB	195°K	379221	+242 Hz
2026-11-03 Tuesday	19:00	102°	+22°	0 dB	0°	102°	+22°	171°	+9°	1.5dB	195°K	379295	+230 Hz
2026-11-03 Tuesday	19:30	108°	+27°	0 dB	0°	108°	+27°	178°	+8°	1.5dB	195°K	379368	+213 Hz
2026-11-03 Tuesday	20:00	115°	+32°	0 dB	0°	115°	+32°	185°	+8°	1.5dB	196°K	379442	+191 Hz
2026-11-03 Tuesday	20:30	121°	+36°	0 dB	0°	121°	+36°	192°	+8°	1.5dB	196°K	379516	+166 Hz
2026-11-03 Tuesday	21:00	129°	+40°	0 dB	0°	129°	+40°	200°	+8°	1.5dB	196°K	379589	+137 Hz
2026-11-03 Tuesday	21:30	138°	+44°	0 dB	0°	138°	+44°	207°	+8°	1.5dB	197°K	379663	+105 Hz
2026-11-03 Tuesday	22:00	147°	+47°	0 dB	0°	147°	+47°	214°	+8°	1.5dB	197°K	379737	+70 Hz
2026-11-03 Tuesday	22:30	157°	+49°	0 dB	0°	157°	+49°	222°	+8°	1.5dB	197°K	379810	+33 Hz
2026-11-03 Tuesday	23:00	169°	+50°	0 dB	0°	169°	+50°	229°	+8°	1.5dB	197°K	379884	-5 Hz
2026-11-03 Tuesday	23:30	180°	+51°	0 dB	0°	180°	+51°	236°	+7°	1.5dB	198°K	379958	-44 Hz
2026-11-04 Wednesday	00:00	191°	+50°	0 dB	0°	191°	+50°	243°	+7°	1.5dB	198°K	380031	-83 Hz
2026-11-04 Wednesday	00:30	202°	+48°	0 dB	0°	202°	+48°	251°	+7°	1.5dB	198°K	380105	-122 Hz
2026-11-04 Wednesday	01:00	212°	+46°	0 dB	0°	212°	+46°	258°	+7°	1.6dB	199°K	380179	-159 Hz
2026-11-04 Wednesday	01:30	222°	+43°	0 dB	0°	222°	+43°	265°	+7°	1.6dB	199°K	380252	-194 Hz
2026-11-04 Wednesday	02:00	230°	+39°	0 dB	0°	230°	+39°	272°	+7°	1.6dB	199°K	380326	-226 Hz
2026-11-04 Wednesday	02:30	237°	+35°	0 dB	0°	237°	+35°	280°	+7°	1.6dB	200°K	380400	-255 Hz
2026-11-04 Wednesday	03:00	244°	+30°	0 dB	0°	244°	+30°	287°	+7°	1.6dB	200°K	380474	-281 Hz
2026-11-04 Wednesday	03:30	250°	+25°	0 dB	0°	250°	+25°	294°	+6°	1.6dB	200°K	380547	-303 Hz
2026-11-04 Wednesday	04:00	256°	+21°	0 dB	0°	256°	+21°	301°	+6°	1.6dB	200°K	380621	-320 Hz
2026-11-04 Wednesday	04:30	262°	+15°	0 dB	0°	262°	+15°	309°	+6°	1.6dB	201°K	380695	-333 Hz
2026-11-04 Wednesday	05:00	267°	+10°	0 dB	0°	267°	+10°	316°	+6°	1.6dB	201°K	380768	-340 Hz
2026-11-04 Wednesday	05:30	272°	+5°	0 dB	0°	272°	+5°	323°	+6°	1.6dB	201°K	380842	-343 Hz
2026-11-04 Wednesday	06:00	277°	+0°	0 dB	0°	277°	+0°	331°	+6°	1.6dB	202°K	380916	-342 Hz
2026-11-04 Wednesday	18:00	087°	+0°	0 dB	0°	087°	+0°	145°	+3°	1.8dB	208°K	382680	+254 Hz
2026-11-04 Wednesday	18:30	093°	+5°	0 dB	0°	093°	+5°	152°	+3°	1.8dB	209°K	382754	+254 Hz
2026-11-04 Wednesday	19:00	098°	+10°	0 dB	0°	098°	+10°	160°	+2°	1.8dB	209°K	382827	+249 Hz
2026-11-04 Wednesday	19:30	104°	+15°	0 dB	0°	104°	+15°	167°	+2°	1.9dB	209°K	382900	+238 Hz
2026-11-04 Wednesday	20:00	110°	+20°	0 dB	0°	110°	+20°	174°	+2°	1.9dB	210°K	382974	+224 Hz
2026-11-04 Wednesday	20:30	116°	+24°	0 dB	0°	116°	+24°	182°	+2°	1.9dB	210°K	383047	+204 Hz
2026-11-04 Wednesday	21:00	122°	+29°	0 dB	0°	122°	+29°	189°	+2°	1.9dB	210°K	383120	+180 Hz
2026-11-04 Wednesday	21:30	130°	+33°	0 dB	0°	130°	+33°	196°	+2°	1.9dB	210°K	383194	+153 Hz
2026-11-04 Wednesday	22:00	137°	+36°	0 dB	0°	137°	+36°	203°	+2°	1.9dB	211°K	383267	+122 Hz
2026-11-04 Wednesday	22:30	146°	+39°	0 dB	0°	146°	+39°	211°	+2°	1.9dB	211°K	383340	+88 Hz
2026-11-04 Wednesday	23:00	155°	+42°	0 dB	0°	155°	+42°	218°	+1°	1.9dB	211°K	383413	+52 Hz
2026-11-04 Wednesday	23:30	165°	+43°	0 dB	0°	165°	+43°	225°	+1°	1.9dB	212°K	383487	+14 Hz
2026-11-05 Thursday	00:00	175°	+44°	0 dB	0°	175°	+44°	232°	+1°	1.9dB	212°K	383560	-25 Hz
2026-11-05 Thursday	00:30	185°	+44°	0 dB	0°	185°	+44°	240°	+1°	1.9dB	212°K	383633	-65 Hz
2026-11-05 Thursday	01:00	195°	+43°	0 dB	0°	195°	+43°	247°	+1°	1.9dB	212°K	383706	-104 Hz
2026-11-05 Thursday	01:30	205°	+41°	0 dB	0°	205°	+41°	254°	+1°	2.0dB	213°K	383779	-141 Hz
2026-11-05 Thursday	02:00	214°	+39°	0 dB	0°	214°	+39°	262°	+1°	2.0dB	214°K	383852	-178 Hz
2026-11-05 Thursday	02:30	222°	+35°	0 dB	0°	222°	+35°	269°	+1°	2.0dB	216°K	383925	-212 Hz
2026-11-05 Thursday	03:00	230°	+32°	0 dB	0°	230°	+32°	276°	+0°	2.0dB	217°K	383998	-242 Hz
2026-11-05 Thursday	03:30	237°	+27°	0 dB	0°	237°	+27°	283°	+0°	2.1dB	219°K	384071	-270 Hz
2026-11-05 Thursday	04:00	243°	+23°	0 dB	0°	243°	+23°	291°	+0°	2.1dB	221°K	384144	-294 Hz
2026-11-05 Thursday	04:30	249°	+18°	0 dB	0°	249°	+18°	298°	+0°	2.1dB	222°K	384217	-313 Hz
2026-11-05 Thursday	05:00	255°	+13°	0 dB	0°	255°	+13°	305°	-0°	2.1dB	224°K	384290	-328 Hz
2026-11-05 Thursday	05:30	260°	+8°	0 dB	0°	260°	+8°	313°	-0°	2.2dB	225°K	384363	-338 Hz
2026-11-05 Thursday	06:00	265°	+3°	0 dB	0°	265°	+3°	320°	-0°	2.2dB	227°K	384436	-343 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-05 Thursday	19:30	100°	+3°	0 dB	0°	100°	+3°	156°	-4°	2.9dB	269°K	386395	+251 Hz
2026-11-05 Thursday	20:00	105°	+8°	0 dB	0°	105°	+8°	164°	-4°	2.9dB	271°K	386467	+243 Hz
2026-11-05 Thursday	20:30	111°	+13°	0 dB	0°	111°	+13°	171°	-4°	2.9dB	272°K	386539	+230 Hz
2026-11-05 Thursday	21:00	117°	+17°	0 dB	0°	117°	+17°	178°	-4°	3.0dB	274°K	386611	+213 Hz
2026-11-05 Thursday	21:30	123°	+22°	0 dB	0°	123°	+22°	185°	-4°	3.0dB	276°K	386684	+191 Hz
2026-11-05 Thursday	22:00	130°	+26°	0 dB	0°	130°	+26°	193°	-4°	3.0dB	278°K	386756	+165 Hz
2026-11-05 Thursday	22:30	137°	+29°	0 dB	0°	137°	+29°	200°	-5°	3.0dB	279°K	386828	+136 Hz
2026-11-05 Thursday	23:00	145°	+32°	0 dB	0°	145°	+32°	207°	-5°	3.1dB	281°K	386900	+103 Hz
2026-11-05 Thursday	23:30	153°	+35°	0 dB	0°	153°	+35°	215°	-5°	3.1dB	283°K	386972	+68 Hz
2026-11-06 Friday	00:00	162°	+37°	0 dB	0°	162°	+37°	222°	-5°	3.1dB	284°K	387043	+31 Hz
2026-11-06 Friday	00:30	171°	+38°	0 dB	0°	171°	+38°	229°	-5°	3.1dB	286°K	387115	-7 Hz
2026-11-06 Friday	01:00	180°	+38°	0 dB	0°	180°	+38°	236°	-5°	3.2dB	288°K	387187	-46 Hz
2026-11-06 Friday	01:30	190°	+37°	0 dB	0°	190°	+37°	244°	-5°	3.2dB	289°K	387259	-85 Hz
2026-11-06 Friday	02:00	199°	+36°	0 dB	0°	199°	+36°	251°	-5°	3.2dB	291°K	387331	-123 Hz
2026-11-06 Friday	02:30	207°	+34°	0 dB	0°	207°	+34°	258°	-5°	3.2dB	293°K	387403	-160 Hz
2026-11-06 Friday	03:00	215°	+31°	0 dB	0°	215°	+31°	265°	-6°	3.2dB	294°K	387474	-194 Hz
2026-11-06 Friday	03:30	223°	+28°	0 dB	0°	223°	+28°	273°	-6°	3.3dB	296°K	387546	-226 Hz
2026-11-06 Friday	04:00	230°	+24°	0 dB	0°	230°	+24°	280°	-6°	3.3dB	298°K	387618	-255 Hz
2026-11-06 Friday	04:30	236°	+20°	0 dB	0°	236°	+20°	287°	-6°	3.3dB	299°K	387689	-280 Hz
2026-11-06 Friday	05:00	242°	+15°	0 dB	0°	242°	+15°	295°	-6°	3.3dB	301°K	387761	-301 Hz
2026-11-06 Friday	05:30	248°	+11°	0 dB	0°	248°	+11°	302°	-6°	3.4dB	303°K	387832	-318 Hz
2026-11-06 Friday	06:00	253°	+6°	0 dB	0°	253°	+6°	309°	-6°	3.4dB	304°K	387904	-330 Hz
2026-11-06 Friday	06:30	259°	+1°	0 dB	0°	259°	+1°	316°	-6°	3.4dB	306°K	387975	-337 Hz
2026-11-06 Friday	20:30	107°	+2°	0 dB	0°	107°	+2°	160°	-10°	3.6dB	313°K	389962	+244 Hz
2026-11-06 Friday	21:00	113°	+6°	0 dB	0°	113°	+6°	168°	-10°	3.6dB	313°K	390032	+233 Hz
2026-11-06 Friday	21:30	118°	+11°	0 dB	0°	118°	+11°	175°	-10°	3.6dB	313°K	390103	+218 Hz
2026-11-06 Friday	22:00	124°	+15°	0 dB	0°	124°	+15°	182°	-10°	3.6dB	313°K	390173	+198 Hz
2026-11-06 Friday	22:30	130°	+19°	0 dB	0°	130°	+19°	189°	-10°	3.6dB	313°K	390243	+175 Hz
2026-11-06 Friday	23:00	137°	+22°	0 dB	0°	137°	+22°	197°	-10°	3.6dB	313°K	390313	+147 Hz
2026-11-06 Friday	23:30	144°	+26°	0 dB	0°	144°	+26°	204°	-11°	3.6dB	313°K	390384	+117 Hz
2026-11-07 Saturday	00:00	152°	+28°	0 dB	0°	152°	+28°	211°	-11°	3.6dB	313°K	390454	+83 Hz
2026-11-07 Saturday	00:30	160°	+30°	0 dB	0°	160°	+30°	218°	-11°	3.6dB	312°K	390524	+48 Hz
2026-11-07 Saturday	01:00	168°	+31°	0 dB	0°	168°	+31°	226°	-11°	3.6dB	312°K	390594	+11 Hz
2026-11-07 Saturday	01:30	176°	+32°	0 dB	0°	176°	+32°	233°	-11°	3.6dB	312°K	390664	-27 Hz
2026-11-07 Saturday	02:00	185°	+32°	0 dB	0°	185°	+32°	240°	-11°	3.6dB	312°K	390734	-65 Hz
2026-11-07 Saturday	02:30	193°	+31°	0 dB	0°	193°	+31°	248°	-11°	3.6dB	311°K	390803	-103 Hz
2026-11-07 Saturday	03:00	201°	+29°	0 dB	0°	201°	+29°	255°	-11°	3.6dB	311°K	390873	-140 Hz
2026-11-07 Saturday	03:30	209°	+27°	0 dB	0°	209°	+27°	262°	-11°	3.6dB	311°K	390943	-175 Hz
2026-11-07 Saturday	04:00	216°	+24°	0 dB	0°	216°	+24°	269°	-12°	3.6dB	310°K	391013	-207 Hz
2026-11-07 Saturday	04:30	223°	+21°	0 dB	0°	223°	+21°	277°	-12°	3.6dB	310°K	391083	-237 Hz
2026-11-07 Saturday	05:00	230°	+17°	0 dB	0°	230°	+17°	284°	-12°	3.6dB	310°K	391152	-263 Hz
2026-11-07 Saturday	05:30	236°	+13°	0 dB	0°	236°	+13°	291°	-12°	3.6dB	310°K	391222	-285 Hz
2026-11-07 Saturday	06:00	241°	+8°	0 dB	0°	241°	+8°	298°	-12°	3.6dB	309°K	391291	-304 Hz
2026-11-07 Saturday	06:30	247°	+4°	0 dB	0°	247°	+4°	306°	-12°	3.6dB	309°K	391361	-318 Hz
2026-11-07 Saturday	21:30	113°	-0°	0 dB	0°	113°	-0°	164°	-15°	3.7dB	313°K	393419	+234 Hz
2026-11-07 Saturday	22:00	119°	+4°	0 dB	0°	119°	+4°	171°	-16°	3.8dB	314°K	393487	+221 Hz
2026-11-07 Saturday	22:30	125°	+8°	0 dB	0°	125°	+8°	178°	-16°	3.8dB	315°K	393555	+204 Hz
2026-11-07 Saturday	23:00	130°	+12°	0 dB	0°	130°	+12°	186°	-16°	3.8dB	315°K	393622	+183 Hz
2026-11-07 Saturday	23:30	137°	+16°	0 dB	0°	137°	+16°	193°	-16°	3.8dB	316°K	393689	+158 Hz
2026-11-08 Sunday	00:00	143°	+19°	0 dB	0°	143°	+19°	200°	-16°	3.8dB	317°K	393757	+130 Hz
2026-11-08 Sunday	00:30	150°	+22°	0 dB	0°	150°	+22°	208°	-16°	3.8dB	318°K	393824	+98 Hz
2026-11-08 Sunday	01:00	157°	+24°	0 dB	0°	157°	+24°	215°	-16°	3.8dB	318°K	393891	+65 Hz
2026-11-08 Sunday	01:30	165°	+25°	0 dB	0°	165°	+25°	222°	-16°	3.8dB	319°K	393959	+30 Hz
2026-11-08 Sunday	02:00	173°	+26°	0 dB	0°	173°	+26°	229°	-16°	3.8dB	320°K	394026	-7 Hz
2026-11-08 Sunday	02:30	181°	+27°	0 dB	0°	181°	+27°	237°	-16°	3.9dB	321°K	394093	-44 Hz
2026-11-08 Sunday	03:00	188°	+26°	0 dB	0°	188°	+26°	244°	-17°	3.9dB	321°K	394160	-81 Hz
2026-11-08 Sunday	03:30	196°	+25°	0 dB	0°	196°	+25°	251°	-17°	3.9dB	322°K	394227	-117 Hz
2026-11-08 Sunday	04:00	203°	+23°	0 dB	0°	203°	+23°	258°	-17°	3.9dB	323°K	394293	-152 Hz
2026-11-08 Sunday	04:30	211°	+21°	0 dB	0°	211°	+21°	266°	-17°	3.9dB	323°K	394360	-185 Hz
2026-11-08 Sunday	05:00	217°	+18°	0 dB	0°	217°	+18°	273°	-17°	3.9dB	324°K	394427	-215 Hz
2026-11-08 Sunday	05:30	224°	+14°	0 dB	0°	224°	+14°	280°	-17°	3.9dB	325°K	394493	-242 Hz
2026-11-08 Sunday	06:00	230°	+11°	0 dB	0°	230°	+11°	287°	-17°	3.9dB	326°K	394560	-266 Hz
2026-11-08 Sunday	06:30	235°	+7°	0 dB	0°	235°	+7°	295°	-17°	4.0dB	327°K	394626	-286 Hz
2026-11-08 Sunday	07:00	241°	+2°	0 dB	0°	241°	+2°	302°	-17°	4.0dB	328°K	394693	-301 Hz
2026-11-08 Sunday	23:00	124°	+2°	0 dB	0°	124°	+2°	174°	-20°	4.5dB	SUN!	396768	+209 Hz
2026-11-08 Sunday	23:30	130°	+6°	0 dB	0°	130°	+6°	182°	-20°	4.5dB	SUN!	396832	+191 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-09 Monday	00:00	136°	+10°	0 dB	0°	136°	+10°	189°	-20°	4.5dB	SUN!	396895	+169 Hz
2026-11-09 Monday	00:30	142°	+13°	0 dB	0°	142°	+13°	196°	-21°	4.5dB	SUN!	396958	+143 Hz
2026-11-09 Monday	01:00	148°	+16°	0 dB	0°	148°	+16°	203°	-21°	4.5dB	SUN!	397021	+114 Hz
2026-11-09 Monday	01:30	155°	+18°	0 dB	0°	155°	+18°	211°	-21°	4.5dB	SUN!	397083	+83 Hz
2026-11-09 Monday	02:00	162°	+20°	0 dB	0°	162°	+20°	218°	-21°	4.5dB	SUN!	397146	+50 Hz
2026-11-09 Monday	02:30	169°	+21°	0 dB	0°	169°	+21°	225°	-21°	4.6dB	SUN!	397208	+15 Hz
2026-11-09 Monday	03:00	176°	+22°	0 dB	0°	176°	+22°	233°	-21°	4.6dB	SUN!	397271	-20 Hz
2026-11-09 Monday	03:30	184°	+22°	0 dB	0°	184°	+22°	240°	-21°	4.6dB	SUN!	397333	-56 Hz
2026-11-09 Monday	04:00	191°	+21°	0 dB	0°	191°	+21°	247°	-21°	4.6dB	SUN!	397395	-92 Hz
2026-11-09 Monday	04:30	198°	+20°	0 dB	0°	198°	+20°	254°	-21°	4.6dB	SUN!	397457	-126 Hz
2026-11-09 Monday	05:00	205°	+18°	0 dB	0°	205°	+18°	262°	-21°	4.6dB	SUN!	397519	-159 Hz
2026-11-09 Monday	05:30	212°	+15°	0 dB	0°	212°	+15°	269°	-21°	4.6dB	SUN!	397581	-190 Hz
2026-11-09 Monday	06:00	218°	+12°	0 dB	0°	218°	+12°	276°	-21°	4.6dB	SUN!	397643	-218 Hz
2026-11-09 Monday	06:30	224°	+9°	0 dB	0°	224°	+9°	283°	-22°	4.7dB	SUN!	397704	-243 Hz
2026-11-09 Monday	07:00	230°	+5°	0 dB	0°	230°	+5°	291°	-22°	4.7dB	SUN!	397766	-264 Hz
2026-11-09 Monday	07:30	235°	+1°	0 dB	0°	235°	+1°	298°	-22°	4.7dB	SUN!	397827	-281 Hz
2026-11-10 Tuesday	00:00	129°	+1°	0 dB	0°	129°	+1°	177°	-24°	5.1dB	SUN!	399771	+200 Hz
2026-11-10 Tuesday	00:30	134°	+5°	0 dB	0°	134°	+5°	184°	-24°	5.1dB	SUN!	399827	+181 Hz
2026-11-10 Tuesday	01:00	140°	+8°	0 dB	0°	140°	+8°	192°	-24°	5.1dB	SUN!	399884	+159 Hz
2026-11-10 Tuesday	01:30	146°	+11°	0 dB	0°	146°	+11°	199°	-24°	5.1dB	SUN!	399939	+133 Hz
2026-11-10 Tuesday	02:00	152°	+14°	0 dB	0°	152°	+14°	206°	-24°	5.1dB	SUN!	399995	+104 Hz
2026-11-10 Tuesday	02:30	159°	+16°	0 dB	0°	159°	+16°	213°	-24°	5.2dB	424°K	400051	+73 Hz
2026-11-10 Tuesday	03:00	165°	+17°	0 dB	0°	165°	+17°	221°	-24°	5.2dB	426°K	400106	+40 Hz
2026-11-10 Tuesday	03:30	172°	+18°	0 dB	0°	172°	+18°	228°	-24°	5.2dB	428°K	400161	+6 Hz
2026-11-10 Tuesday	04:00	179°	+18°	0 dB	0°	179°	+18°	235°	-24°	5.2dB	430°K	400216	-29 Hz
2026-11-10 Tuesday	04:30	186°	+18°	0 dB	0°	186°	+18°	242°	-25°	5.3dB	433°K	400271	-63 Hz
2026-11-10 Tuesday	05:00	193°	+17°	0 dB	0°	193°	+17°	250°	-25°	5.3dB	435°K	400326	-97 Hz
2026-11-10 Tuesday	05:30	200°	+16°	0 dB	0°	200°	+16°	257°	-25°	5.3dB	437°K	400380	-130 Hz
2026-11-10 Tuesday	06:00	206°	+14°	0 dB	0°	206°	+14°	264°	-25°	5.3dB	439°K	400434	-161 Hz
2026-11-10 Tuesday	06:30	213°	+11°	0 dB	0°	213°	+11°	271°	-25°	5.3dB	441°K	400489	-190 Hz
2026-11-10 Tuesday	07:00	219°	+8°	0 dB	0°	219°	+8°	279°	-25°	5.4dB	444°K	400542	-216 Hz
2026-11-10 Tuesday	07:30	224°	+5°	0 dB	0°	224°	+5°	286°	-25°	5.4dB	446°K	400596	-239 Hz
2026-11-10 Tuesday	08:00	230°	+1°	0 dB	0°	230°	+1°	293°	-25°	5.4dB	448°K	400650	-259 Hz
2026-11-11 Wednesday	01:00	132°	+0°	0 dB	0°	132°	+0°	180°	-27°	6.5dB	577°K	402344	+196 Hz
2026-11-11 Wednesday	01:30	137°	+4°	0 dB	0°	137°	+4°	187°	-27°	6.5dB	582°K	402389	+177 Hz
2026-11-11 Wednesday	02:00	143°	+7°	0 dB	0°	143°	+7°	194°	-27°	6.5dB	587°K	402435	+153 Hz
2026-11-11 Wednesday	02:30	149°	+10°	0 dB	0°	149°	+10°	201°	-27°	6.6dB	591°K	402480	+127 Hz
2026-11-11 Wednesday	03:00	155°	+12°	0 dB	0°	155°	+12°	208°	-27°	6.6dB	596°K	402525	+99 Hz
2026-11-11 Wednesday	03:30	161°	+14°	0 dB	0°	161°	+14°	216°	-27°	6.6dB	601°K	402570	+68 Hz
2026-11-11 Wednesday	04:00	168°	+15°	0 dB	0°	168°	+15°	223°	-27°	6.7dB	606°K	402615	+35 Hz
2026-11-11 Wednesday	04:30	175°	+16°	0 dB	0°	175°	+16°	230°	-27°	6.7dB	613°K	402659	+2 Hz
2026-11-11 Wednesday	05:00	181°	+16°	0 dB	0°	181°	+16°	237°	-27°	6.8dB	623°K	402703	-32 Hz
2026-11-11 Wednesday	05:30	188°	+16°	0 dB	0°	188°	+16°	245°	-27°	6.8dB	633°K	402747	-66 Hz
2026-11-11 Wednesday	06:00	195°	+15°	0 dB	0°	195°	+15°	252°	-27°	6.9dB	642°K	402790	-99 Hz
2026-11-11 Wednesday	06:30	201°	+13°	0 dB	0°	201°	+13°	259°	-27°	7.0dB	652°K	402834	-130 Hz
2026-11-11 Wednesday	07:00	207°	+11°	0 dB	0°	207°	+11°	266°	-27°	7.0dB	662°K	402877	-160 Hz
2026-11-11 Wednesday	07:30	213°	+8°	0 dB	0°	213°	+8°	274°	-27°	7.1dB	671°K	402919	-188 Hz
2026-11-11 Wednesday	08:00	219°	+5°	0 dB	0°	219°	+5°	281°	-27°	7.1dB	681°K	402962	-212 Hz
2026-11-11 Wednesday	08:30	225°	+2°	0 dB	0°	225°	+2°	288°	-27°	7.2dB	691°K	403004	-234 Hz
2026-11-12 Thursday	02:00	134°	+0°	0 dB	0°	134°	+0°	182°	-28°	9.9dB	1330°K	404296	+198 Hz
2026-11-12 Thursday	02:30	139°	+4°	0 dB	0°	139°	+4°	189°	-28°	10.0dB	1357°K	404327	+177 Hz
2026-11-12 Thursday	03:00	145°	+7°	0 dB	0°	145°	+7°	196°	-28°	10.1dB	1385°K	404358	+154 Hz
2026-11-12 Thursday	03:30	151°	+10°	0 dB	0°	151°	+10°	203°	-28°	10.2dB	1413°K	404389	+127 Hz
2026-11-12 Thursday	04:00	157°	+12°	0 dB	0°	157°	+12°	211°	-28°	10.3dB	1440°K	404419	+98 Hz
2026-11-12 Thursday	04:30	163°	+13°	0 dB	0°	163°	+13°	218°	-28°	10.3dB	1468°K	404449	+67 Hz
2026-11-12 Thursday	05:00	170°	+15°	0 dB	0°	170°	+15°	225°	-28°	10.4dB	1495°K	404479	+35 Hz
2026-11-12 Thursday	05:30	176°	+15°	0 dB	0°	176°	+15°	232°	-28°	10.5dB	1523°K	404508	+2 Hz
2026-11-12 Thursday	06:00	183°	+15°	0 dB	0°	183°	+15°	239°	-28°	10.6dB	1551°K	404537	-32 Hz
2026-11-12 Thursday	06:30	190°	+15°	0 dB	0°	190°	+15°	247°	-28°	10.7dB	1578°K	404565	-65 Hz
2026-11-12 Thursday	07:00	196°	+13°	0 dB	0°	196°	+13°	254°	-28°	10.7dB	1606°K	404594	-97 Hz
2026-11-12 Thursday	07:30	203°	+12°	0 dB	0°	203°	+12°	261°	-28°	10.9dB	1665°K	404622	-128 Hz
2026-11-12 Thursday	08:00	209°	+10°	0 dB	0°	209°	+10°	268°	-28°	11.0dB	1729°K	404649	-157 Hz
2026-11-12 Thursday	08:30	215°	+7°	0 dB	0°	215°	+7°	276°	-28°	11.2dB	1792°K	404676	-184 Hz
2026-11-12 Thursday	09:00	220°	+4°	0 dB	0°	220°	+4°	283°	-28°	11.3dB	1855°K	404703	-207 Hz
2026-11-12 Thursday	09:30	226°	+0°	0 dB	0°	226°	+0°	290°	-28°	11.5dB	1919°K	404730	-228 Hz
2026-11-13 Friday	03:00	135°	+2°	0 dB	0°	135°	+2°	184°	-27°	13.0dB	2718°K	405420	+204 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-13 Friday	03:30	141°	+5°	0 dB	0°	141°	+5°	191°	-27°	12.9dB	2673°K	405432	+183 Hz
2026-11-13 Friday	04:00	146°	+8°	0 dB	0°	146°	+8°	198°	-27°	12.8dB	2628°K	405445	+159 Hz
2026-11-13 Friday	04:30	152°	+11°	0 dB	0°	152°	+11°	205°	-27°	12.8dB	2583°K	405456	+131 Hz
2026-11-13 Friday	05:00	159°	+13°	0 dB	0°	159°	+13°	213°	-27°	12.7dB	2538°K	405468	+102 Hz
2026-11-13 Friday	05:30	165°	+14°	0 dB	0°	165°	+14°	220°	-27°	12.6dB	2493°K	405479	+70 Hz
2026-11-13 Friday	06:00	172°	+15°	0 dB	0°	172°	+15°	227°	-27°	12.5dB	2448°K	405489	+38 Hz
2026-11-13 Friday	06:30	178°	+16°	0 dB	0°	178°	+16°	234°	-27°	12.5dB	2404°K	405499	+4 Hz
2026-11-13 Friday	07:00	185°	+16°	0 dB	0°	185°	+16°	242°	-27°	12.4dB	2359°K	405509	-30 Hz
2026-11-13 Friday	07:30	192°	+15°	0 dB	0°	192°	+15°	249°	-27°	12.3dB	2314°K	405518	-63 Hz
2026-11-13 Friday	08:00	198°	+14°	0 dB	0°	198°	+14°	256°	-27°	12.2dB	2269°K	405527	-95 Hz
2026-11-13 Friday	08:30	205°	+12°	0 dB	0°	205°	+12°	263°	-27°	12.1dB	2225°K	405535	-126 Hz
2026-11-13 Friday	09:00	211°	+9°	0 dB	0°	211°	+9°	271°	-27°	12.1dB	2180°K	405543	-154 Hz
2026-11-13 Friday	09:30	217°	+7°	0 dB	0°	217°	+7°	278°	-27°	12.0dB	2135°K	405551	-180 Hz
2026-11-13 Friday	10:00	222°	+3°	0 dB	0°	222°	+3°	285°	-27°	11.9dB	2091°K	405558	-203 Hz
2026-11-13 Friday	10:30	228°	-0°	0 dB	0°	228°	-0°	292°	-27°	11.8dB	2046°K	405565	-223 Hz
2026-11-14 Saturday	03:30	131°	+0°	0 dB	0°	131°	+0°	179°	-26°	7.8dB	777°K	405524	+233 Hz
2026-11-14 Saturday	04:00	136°	+4°	0 dB	0°	136°	+4°	186°	-26°	7.7dB	765°K	405515	+214 Hz
2026-11-14 Saturday	04:30	142°	+7°	0 dB	0°	142°	+7°	193°	-26°	7.6dB	752°K	405505	+192 Hz
2026-11-14 Saturday	05:00	148°	+10°	0 dB	0°	148°	+10°	201°	-26°	7.6dB	740°K	405495	+166 Hz
2026-11-14 Saturday	05:30	154°	+13°	0 dB	0°	154°	+13°	208°	-26°	7.5dB	727°K	405484	+137 Hz
2026-11-14 Saturday	06:00	160°	+15°	0 dB	0°	160°	+15°	215°	-26°	7.4dB	715°K	405473	+107 Hz
2026-11-14 Saturday	06:30	167°	+16°	0 dB	0°	167°	+16°	222°	-25°	7.4dB	703°K	405461	+74 Hz
2026-11-14 Saturday	07:00	174°	+17°	0 dB	0°	174°	+17°	230°	-25°	7.3dB	690°K	405449	+40 Hz
2026-11-14 Saturday	07:30	181°	+18°	0 dB	0°	181°	+18°	237°	-25°	7.2dB	678°K	405436	+6 Hz
2026-11-14 Saturday	08:00	188°	+17°	0 dB	0°	188°	+17°	244°	-25°	7.1dB	665°K	405423	-28 Hz
2026-11-14 Saturday	08:30	194°	+16°	0 dB	0°	194°	+16°	251°	-25°	7.1dB	653°K	405410	-62 Hz
2026-11-14 Saturday	09:00	201°	+15°	0 dB	0°	201°	+15°	259°	-25°	7.0dB	641°K	405395	-94 Hz
2026-11-14 Saturday	09:30	208°	+13°	0 dB	0°	208°	+13°	266°	-25°	6.9dB	628°K	405381	-125 Hz
2026-11-14 Saturday	10:00	214°	+10°	0 dB	0°	214°	+10°	273°	-25°	6.8dB	616°K	405366	-153 Hz
2026-11-14 Saturday	10:30	220°	+7°	0 dB	0°	220°	+7°	280°	-25°	6.8dB	604°K	405350	-179 Hz
2026-11-14 Saturday	11:00	225°	+4°	0 dB	0°	225°	+4°	288°	-25°	6.7dB	591°K	405334	-201 Hz
2026-11-14 Saturday	11:30	231°	+0°	0 dB	0°	231°	+0°	295°	-25°	6.6dB	579°K	405317	-220 Hz
2026-11-15 Sunday	04:00	126°	+0°	0 dB	0°	126°	+0°	174°	-23°	4.9dB	372°K	404488	+263 Hz
2026-11-15 Sunday	04:30	131°	+4°	0 dB	0°	131°	+4°	182°	-23°	4.8dB	368°K	404454	+246 Hz
2026-11-15 Sunday	05:00	137°	+8°	0 dB	0°	137°	+8°	189°	-23°	4.8dB	367°K	404420	+225 Hz
2026-11-15 Sunday	05:30	143°	+11°	0 dB	0°	143°	+11°	196°	-23°	4.8dB	365°K	404385	+201 Hz
2026-11-15 Sunday	06:00	149°	+14°	0 dB	0°	149°	+14°	203°	-23°	4.8dB	364°K	404349	+173 Hz
2026-11-15 Sunday	06:30	156°	+17°	0 dB	0°	156°	+17°	211°	-23°	4.8dB	362°K	404313	+143 Hz
2026-11-15 Sunday	07:00	162°	+18°	0 dB	0°	162°	+18°	218°	-23°	4.7dB	361°K	404277	+110 Hz
2026-11-15 Sunday	07:30	169°	+20°	0 dB	0°	169°	+20°	225°	-23°	4.7dB	359°K	404240	+76 Hz
2026-11-15 Sunday	08:00	176°	+20°	0 dB	0°	176°	+20°	232°	-22°	4.7dB	358°K	404203	+42 Hz
2026-11-15 Sunday	08:30	184°	+21°	0 dB	0°	184°	+21°	240°	-22°	4.7dB	357°K	404165	+6 Hz
2026-11-15 Sunday	09:00	191°	+20°	0 dB	0°	191°	+20°	247°	-22°	4.7dB	355°K	404126	-29 Hz
2026-11-15 Sunday	09:30	198°	+19°	0 dB	0°	198°	+19°	254°	-22°	4.7dB	354°K	404087	-63 Hz
2026-11-15 Sunday	10:00	205°	+17°	0 dB	0°	205°	+17°	262°	-22°	4.6dB	352°K	404048	-96 Hz
2026-11-15 Sunday	10:30	211°	+15°	0 dB	0°	211°	+15°	269°	-22°	4.6dB	351°K	404008	-126 Hz
2026-11-15 Sunday	11:00	218°	+12°	0 dB	0°	218°	+12°	276°	-22°	4.6dB	349°K	403967	-154 Hz
2026-11-15 Sunday	11:30	224°	+9°	0 dB	0°	224°	+9°	283°	-22°	4.6dB	348°K	403926	-179 Hz
2026-11-15 Sunday	12:00	229°	+5°	0 dB	0°	229°	+5°	291°	-22°	4.6dB	346°K	403884	-201 Hz
2026-11-15 Sunday	12:30	235°	+1°	0 dB	0°	235°	+1°	298°	-22°	4.6dB	345°K	403842	-219 Hz
2026-11-16 Monday	04:30	121°	+1°	0 dB	0°	121°	+1°	171°	-19°	4.3dB	326°K	402217	+293 Hz
2026-11-16 Monday	05:00	126°	+5°	0 dB	0°	126°	+5°	178°	-19°	4.3dB	326°K	402158	+278 Hz
2026-11-16 Monday	05:30	132°	+9°	0 dB	0°	132°	+9°	185°	-19°	4.3dB	326°K	402098	+258 Hz
2026-11-16 Monday	06:00	138°	+13°	0 dB	0°	138°	+13°	192°	-19°	4.3dB	326°K	402037	+235 Hz
2026-11-16 Monday	06:30	144°	+16°	0 dB	0°	144°	+16°	200°	-19°	4.3dB	326°K	401976	+208 Hz
2026-11-16 Monday	07:00	151°	+19°	0 dB	0°	151°	+19°	207°	-19°	4.3dB	326°K	401915	+178 Hz
2026-11-16 Monday	07:30	158°	+21°	0 dB	0°	158°	+21°	214°	-19°	4.3dB	326°K	401853	+146 Hz
2026-11-16 Monday	08:00	165°	+23°	0 dB	0°	165°	+23°	221°	-19°	4.3dB	326°K	401790	+111 Hz
2026-11-16 Monday	08:30	172°	+24°	0 dB	0°	172°	+24°	229°	-19°	4.3dB	326°K	401727	+76 Hz
2026-11-16 Monday	09:00	180°	+25°	0 dB	0°	180°	+25°	236°	-18°	4.3dB	326°K	401664	+39 Hz
2026-11-16 Monday	09:30	188°	+24°	0 dB	0°	188°	+24°	243°	-18°	4.2dB	326°K	401599	+3 Hz
2026-11-16 Monday	10:00	195°	+23°	0 dB	0°	195°	+23°	251°	-18°	4.2dB	326°K	401535	-33 Hz
2026-11-16 Monday	10:30	202°	+22°	0 dB	0°	202°	+22°	258°	-18°	4.2dB	326°K	401470	-68 Hz
2026-11-16 Monday	11:00	210°	+20°	0 dB	0°	210°	+20°	265°	-18°	4.2dB	326°K	401404	-100 Hz
2026-11-16 Monday	11:30	216°	+17°	0 dB	0°	216°	+17°	272°	-18°	4.2dB	326°K	401338	-131 Hz
2026-11-16 Monday	12:00	223°	+14°	0 dB	0°	223°	+14°	280°	-18°	4.2dB	326°K	401271	-158 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-16 Monday	12:30	229°	+10°	0 dB	0°	229°	+10°	287°	-18°	4.2dB	326°K	401204	-183 Hz
2026-11-16 Monday	13:00	235°	+7°	0 dB	0°	235°	+7°	294°	-18°	4.2dB	326°K	401136	-203 Hz
2026-11-16 Monday	13:30	240°	+2°	0 dB	0°	240°	+2°	301°	-18°	4.2dB	326°K	401068	-219 Hz
2026-11-17 Tuesday	05:00	115°	+2°	0 dB	0°	115°	+2°	167°	-15°	4.0dB	319°K	398704	+321 Hz
2026-11-17 Tuesday	05:30	121°	+7°	0 dB	0°	121°	+7°	174°	-14°	4.0dB	318°K	398620	+307 Hz
2026-11-17 Tuesday	06:00	126°	+11°	0 dB	0°	126°	+11°	182°	-14°	4.0dB	317°K	398535	+288 Hz
2026-11-17 Tuesday	06:30	132°	+15°	0 dB	0°	132°	+15°	189°	-14°	4.0dB	316°K	398450	+266 Hz
2026-11-17 Tuesday	07:00	139°	+19°	0 dB	0°	139°	+19°	196°	-14°	4.0dB	315°K	398364	+240 Hz
2026-11-17 Tuesday	07:30	145°	+22°	0 dB	0°	145°	+22°	204°	-14°	4.0dB	314°K	398278	+210 Hz
2026-11-17 Tuesday	08:00	153°	+25°	0 dB	0°	153°	+25°	211°	-14°	4.0dB	313°K	398192	+178 Hz
2026-11-17 Tuesday	08:30	160°	+27°	0 dB	0°	160°	+27°	218°	-14°	3.9dB	312°K	398105	+144 Hz
2026-11-17 Tuesday	09:00	168°	+29°	0 dB	0°	168°	+29°	225°	-14°	3.9dB	311°K	398017	+107 Hz
2026-11-17 Tuesday	09:30	176°	+29°	0 dB	0°	176°	+29°	233°	-14°	3.9dB	310°K	397929	+70 Hz
2026-11-17 Tuesday	10:00	184°	+29°	0 dB	0°	184°	+29°	240°	-14°	3.9dB	309°K	397841	+33 Hz
2026-11-17 Tuesday	10:30	193°	+29°	0 dB	0°	193°	+29°	247°	-13°	3.9dB	308°K	397752	-5 Hz
2026-11-17 Tuesday	11:00	200°	+27°	0 dB	0°	200°	+27°	254°	-13°	3.9dB	307°K	397663	-41 Hz
2026-11-17 Tuesday	11:30	208°	+25°	0 dB	0°	208°	+25°	262°	-13°	3.8dB	306°K	397573	-76 Hz
2026-11-17 Tuesday	12:00	215°	+23°	0 dB	0°	215°	+23°	269°	-13°	3.8dB	305°K	397482	-108 Hz
2026-11-17 Tuesday	12:30	222°	+20°	0 dB	0°	222°	+20°	276°	-13°	3.8dB	304°K	397392	-138 Hz
2026-11-17 Tuesday	13:00	229°	+16°	0 dB	0°	229°	+16°	284°	-13°	3.8dB	304°K	397300	-165 Hz
2026-11-17 Tuesday	13:30	235°	+12°	0 dB	0°	235°	+12°	291°	-13°	3.8dB	303°K	397209	-187 Hz
2026-11-17 Tuesday	14:00	241°	+8°	0 dB	0°	241°	+8°	298°	-13°	3.8dB	302°K	397117	-206 Hz
2026-11-17 Tuesday	14:30	246°	+4°	0 dB	0°	246°	+4°	305°	-13°	3.8dB	301°K	397024	-220 Hz
2026-11-18 Wednesday	05:00	104°	-0°	0 dB	0°	104°	-0°	157°	-9°	3.1dB	257°K	394150	+352 Hz
2026-11-18 Wednesday	05:30	109°	+5°	0 dB	0°	109°	+5°	164°	-9°	3.0dB	255°K	394044	+344 Hz
2026-11-18 Wednesday	06:00	115°	+9°	0 dB	0°	115°	+9°	171°	-9°	3.0dB	253°K	393939	+332 Hz
2026-11-18 Wednesday	06:30	121°	+14°	0 dB	0°	121°	+14°	179°	-9°	3.0dB	252°K	393832	+315 Hz
2026-11-18 Wednesday	07:00	127°	+18°	0 dB	0°	127°	+18°	186°	-9°	3.0dB	250°K	393726	+293 Hz
2026-11-18 Wednesday	07:30	133°	+22°	0 dB	0°	133°	+22°	193°	-9°	2.9dB	248°K	393619	+268 Hz
2026-11-18 Wednesday	08:00	140°	+26°	0 dB	0°	140°	+26°	200°	-9°	2.9dB	247°K	393512	+239 Hz
2026-11-18 Wednesday	08:30	147°	+29°	0 dB	0°	147°	+29°	208°	-9°	2.9dB	245°K	393404	+207 Hz
2026-11-18 Wednesday	09:00	155°	+31°	0 dB	0°	155°	+31°	215°	-8°	2.8dB	244°K	393296	+173 Hz
2026-11-18 Wednesday	09:30	163°	+33°	0 dB	0°	163°	+33°	222°	-8°	2.8dB	243°K	393188	+136 Hz
2026-11-18 Wednesday	10:00	172°	+35°	0 dB	0°	172°	+35°	230°	-8°	2.8dB	243°K	393079	+98 Hz
2026-11-18 Wednesday	10:30	181°	+35°	0 dB	0°	181°	+35°	237°	-8°	2.8dB	243°K	392970	+60 Hz
2026-11-18 Wednesday	11:00	190°	+35°	0 dB	0°	190°	+35°	244°	-8°	2.8dB	243°K	392860	+21 Hz
2026-11-18 Wednesday	11:30	199°	+33°	0 dB	0°	199°	+33°	251°	-8°	2.8dB	243°K	392750	-16 Hz
2026-11-18 Wednesday	12:00	207°	+32°	0 dB	0°	207°	+32°	259°	-8°	2.8dB	243°K	392640	-53 Hz
2026-11-18 Wednesday	12:30	215°	+29°	0 dB	0°	215°	+29°	266°	-8°	2.8dB	243°K	392529	-87 Hz
2026-11-18 Wednesday	13:00	222°	+26°	0 dB	0°	222°	+26°	273°	-7°	2.8dB	243°K	392418	-119 Hz
2026-11-18 Wednesday	13:30	229°	+23°	0 dB	0°	229°	+23°	281°	-7°	2.8dB	243°K	392307	-147 Hz
2026-11-18 Wednesday	14:00	236°	+19°	0 dB	0°	236°	+19°	288°	-7°	2.8dB	243°K	392195	-172 Hz
2026-11-18 Wednesday	14:30	242°	+14°	0 dB	0°	242°	+14°	295°	-7°	2.8dB	243°K	392083	-193 Hz
2026-11-18 Wednesday	15:00	248°	+10°	0 dB	0°	248°	+10°	302°	-7°	2.8dB	243°K	391971	-209 Hz
2026-11-18 Wednesday	15:30	253°	+5°	0 dB	0°	253°	+5°	310°	-7°	2.8dB	243°K	391858	-221 Hz
2026-11-18 Wednesday	16:00	259°	+0°	0 dB	0°	259°	+0°	317°	-7°	2.8dB	243°K	391745	-229 Hz
2026-11-19 Thursday	05:30	098°	+2°	0 dB	0°	098°	+2°	154°	-4°	2.6dB	242°K	388575	+367 Hz
2026-11-19 Thursday	06:00	103°	+7°	0 dB	0°	103°	+7°	161°	-3°	2.6dB	242°K	388454	+361 Hz
2026-11-19 Thursday	06:30	109°	+12°	0 dB	0°	109°	+12°	168°	-3°	2.6dB	242°K	388332	+350 Hz
2026-11-19 Thursday	07:00	114°	+17°	0 dB	0°	114°	+17°	176°	-3°	2.6dB	241°K	388210	+335 Hz
2026-11-19 Thursday	07:30	120°	+21°	0 dB	0°	120°	+21°	183°	-3°	2.6dB	241°K	388088	+315 Hz
2026-11-19 Thursday	08:00	127°	+26°	0 dB	0°	127°	+26°	190°	-3°	2.6dB	241°K	387966	+291 Hz
2026-11-19 Thursday	08:30	134°	+30°	0 dB	0°	134°	+30°	197°	-3°	2.6dB	241°K	387843	+263 Hz
2026-11-19 Thursday	09:00	141°	+33°	0 dB	0°	141°	+33°	205°	-3°	2.6dB	241°K	387721	+232 Hz
2026-11-19 Thursday	09:30	149°	+36°	0 dB	0°	149°	+36°	212°	-3°	2.6dB	241°K	387598	+197 Hz
2026-11-19 Thursday	10:00	158°	+38°	0 dB	0°	158°	+38°	219°	-2°	2.5dB	241°K	387474	+161 Hz
2026-11-19 Thursday	10:30	167°	+40°	0 dB	0°	167°	+40°	226°	-2°	2.5dB	240°K	387351	+123 Hz
2026-11-19 Thursday	11:00	177°	+41°	0 dB	0°	177°	+41°	234°	-2°	2.5dB	240°K	387227	+84 Hz
2026-11-19 Thursday	11:30	187°	+41°	0 dB	0°	187°	+41°	241°	-2°	2.5dB	240°K	387103	+45 Hz
2026-11-19 Thursday	12:00	196°	+40°	0 dB	0°	196°	+40°	248°	-2°	2.5dB	240°K	386979	+6 Hz
2026-11-19 Thursday	12:30	206°	+38°	0 dB	0°	206°	+38°	256°	-2°	2.5dB	240°K	386855	-31 Hz
2026-11-19 Thursday	13:00	214°	+36°	0 dB	0°	214°	+36°	263°	-2°	2.5dB	240°K	386730	-67 Hz
2026-11-19 Thursday	13:30	222°	+33°	0 dB	0°	222°	+33°	270°	-2°	2.5dB	240°K	386605	-100 Hz
2026-11-19 Thursday	14:00	230°	+29°	0 dB	0°	230°	+29°	277°	-1°	2.5dB	240°K	386481	-131 Hz
2026-11-19 Thursday	14:30	237°	+25°	0 dB	0°	237°	+25°	285°	-1°	2.5dB	239°K	386355	-157 Hz
2026-11-19 Thursday	15:00	243°	+21°	0 dB	0°	243°	+21°	292°	-1°	2.5dB	239°K	386230	-180 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-19 Thursday	15:30	249°	+16°	0 dB	0°	249°	+16°	299°	-1°	2.5dB	239°K	386105	-199 Hz
2026-11-19 Thursday	16:00	255°	+12°	0 dB	0°	255°	+12°	307°	-1°	2.4dB	239°K	385979	-213 Hz
2026-11-19 Thursday	16:30	261°	+7°	0 dB	0°	261°	+7°	314°	-1°	2.4dB	239°K	385853	-222 Hz
2026-11-19 Thursday	17:00	266°	+2°	0 dB	0°	266°	+2°	321°	-1°	2.4dB	239°K	385727	-226 Hz
2026-11-20 Friday	06:00	091°	+4°	0 dB	0°	091°	+4°	150°	+3°	2.3dB	239°K	382402	+374 Hz
2026-11-20 Friday	06:30	096°	+9°	0 dB	0°	096°	+9°	158°	+3°	2.3dB	239°K	382273	+370 Hz
2026-11-20 Friday	07:00	102°	+14°	0 dB	0°	102°	+14°	165°	+3°	2.3dB	239°K	382144	+361 Hz
2026-11-20 Friday	07:30	107°	+19°	0 dB	0°	107°	+19°	172°	+3°	2.3dB	239°K	382014	+347 Hz
2026-11-20 Friday	08:00	113°	+24°	0 dB	0°	113°	+24°	179°	+3°	2.3dB	239°K	381885	+329 Hz
2026-11-20 Friday	08:30	120°	+29°	0 dB	0°	120°	+29°	187°	+3°	2.3dB	243°K	381755	+307 Hz
2026-11-20 Friday	09:00	126°	+33°	0 dB	0°	126°	+33°	194°	+3°	2.3dB	244°K	381626	+280 Hz
2026-11-20 Friday	09:30	134°	+37°	0 dB	0°	134°	+37°	201°	+4°	2.3dB	245°K	381496	+250 Hz
2026-11-20 Friday	10:00	142°	+41°	0 dB	0°	142°	+41°	209°	+4°	2.3dB	245°K	381367	+217 Hz
2026-11-20 Friday	10:30	151°	+43°	0 dB	0°	151°	+43°	216°	+4°	2.3dB	246°K	381237	+181 Hz
2026-11-20 Friday	11:00	161°	+46°	0 dB	0°	161°	+46°	223°	+4°	2.3dB	246°K	381108	+144 Hz
2026-11-20 Friday	11:30	172°	+47°	0 dB	0°	172°	+47°	230°	+4°	2.3dB	247°K	380978	+105 Hz
2026-11-20 Friday	12:00	182°	+47°	0 dB	0°	182°	+47°	238°	+4°	2.3dB	247°K	380848	+66 Hz
2026-11-20 Friday	12:30	193°	+47°	0 dB	0°	193°	+47°	245°	+4°	2.3dB	248°K	380719	+27 Hz
2026-11-20 Friday	13:00	204°	+45°	0 dB	0°	204°	+45°	252°	+4°	2.3dB	249°K	380589	-12 Hz
2026-11-20 Friday	13:30	213°	+43°	0 dB	0°	213°	+43°	259°	+5°	2.3dB	249°K	380459	-48 Hz
2026-11-20 Friday	14:00	222°	+40°	0 dB	0°	222°	+40°	267°	+5°	2.3dB	250°K	380330	-83 Hz
2026-11-20 Friday	14:30	230°	+36°	0 dB	0°	230°	+36°	274°	+5°	2.3dB	250°K	380200	-115 Hz
2026-11-20 Friday	15:00	238°	+32°	0 dB	0°	238°	+32°	281°	+5°	2.4dB	251°K	380070	-143 Hz
2026-11-20 Friday	15:30	245°	+28°	0 dB	0°	245°	+28°	289°	+5°	2.3dB	251°K	379941	-168 Hz
2026-11-20 Friday	16:00	251°	+24°	0 dB	0°	251°	+24°	296°	+5°	2.4dB	252°K	379811	-188 Hz
2026-11-20 Friday	16:30	257°	+19°	0 dB	0°	257°	+19°	303°	+5°	2.4dB	253°K	379681	-204 Hz
2026-11-20 Friday	17:00	262°	+14°	0 dB	0°	262°	+14°	310°	+5°	2.4dB	253°K	379552	-216 Hz
2026-11-20 Friday	17:30	268°	+9°	0 dB	0°	268°	+9°	318°	+6°	2.4dB	254°K	379422	-222 Hz
2026-11-20 Friday	18:00	273°	+4°	0 dB	0°	273°	+4°	325°	+6°	2.4dB	254°K	379293	-224 Hz
2026-11-21 Saturday	06:00	079°	+1°	0 dB	0°	079°	+1°	139°	+9°	2.4dB	269°K	376208	+367 Hz
2026-11-21 Saturday	06:30	084°	+6°	0 dB	0°	084°	+6°	147°	+9°	2.4dB	269°K	376081	+370 Hz
2026-11-21 Saturday	07:00	089°	+11°	0 dB	0°	089°	+11°	154°	+9°	2.4dB	270°K	375954	+368 Hz
2026-11-21 Saturday	07:30	094°	+16°	0 dB	0°	094°	+16°	161°	+9°	2.4dB	270°K	375827	+362 Hz
2026-11-21 Saturday	08:00	100°	+21°	0 dB	0°	100°	+21°	168°	+9°	2.4dB	271°K	375700	+351 Hz
2026-11-21 Saturday	08:30	105°	+26°	0 dB	0°	105°	+26°	176°	+9°	2.4dB	272°K	375574	+335 Hz
2026-11-21 Saturday	09:00	112°	+31°	0 dB	0°	112°	+31°	183°	+10°	2.4dB	272°K	375448	+314 Hz
2026-11-21 Saturday	09:30	118°	+36°	0 dB	0°	118°	+36°	190°	+10°	2.4dB	273°K	375322	+290 Hz
2026-11-21 Saturday	10:00	125°	+40°	0 dB	0°	125°	+40°	197°	+10°	2.4dB	273°K	375196	+262 Hz
2026-11-21 Saturday	10:30	133°	+44°	0 dB	0°	133°	+44°	205°	+10°	2.4dB	274°K	375070	+231 Hz
2026-11-21 Saturday	11:00	143°	+48°	0 dB	0°	143°	+48°	212°	+10°	2.4dB	275°K	374944	+197 Hz
2026-11-21 Saturday	11:30	153°	+51°	0 dB	0°	153°	+51°	219°	+10°	2.4dB	275°K	374819	+160 Hz
2026-11-21 Saturday	12:00	164°	+53°	0 dB	0°	164°	+53°	226°	+10°	2.4dB	276°K	374694	+123 Hz
2026-11-21 Saturday	12:30	176°	+54°	0 dB	0°	176°	+54°	234°	+10°	2.4dB	276°K	374569	+84 Hz
2026-11-21 Saturday	13:00	188°	+54°	0 dB	0°	188°	+54°	241°	+11°	2.4dB	277°K	374444	+45 Hz
2026-11-21 Saturday	13:30	200°	+52°	0 dB	0°	200°	+52°	248°	+11°	2.4dB	278°K	374320	+7 Hz
2026-11-21 Saturday	14:00	211°	+50°	0 dB	0°	211°	+50°	255°	+11°	2.4dB	278°K	374196	-30 Hz
2026-11-21 Saturday	14:30	221°	+47°	0 dB	0°	221°	+47°	263°	+11°	2.5dB	279°K	374072	-66 Hz
2026-11-21 Saturday	15:00	230°	+44°	0 dB	0°	230°	+44°	270°	+11°	2.5dB	280°K	373948	-99 Hz
2026-11-21 Saturday	15:30	238°	+40°	0 dB	0°	238°	+40°	277°	+11°	2.5dB	280°K	373824	-129 Hz
2026-11-21 Saturday	16:00	246°	+36°	0 dB	0°	246°	+36°	284°	+11°	2.5dB	281°K	373701	-155 Hz
2026-11-21 Saturday	16:30	252°	+31°	0 dB	0°	252°	+31°	292°	+11°	2.5dB	281°K	373578	-178 Hz
2026-11-21 Saturday	17:00	258°	+26°	0 dB	0°	258°	+26°	299°	+12°	2.5dB	282°K	373455	-196 Hz
2026-11-21 Saturday	17:30	264°	+21°	0 dB	0°	264°	+21°	306°	+12°	2.5dB	283°K	373333	-210 Hz
2026-11-21 Saturday	18:00	269°	+16°	0 dB	0°	269°	+16°	313°	+12°	2.5dB	283°K	373210	-219 Hz
2026-11-21 Saturday	18:30	275°	+11°	0 dB	0°	275°	+11°	321°	+12°	2.5dB	284°K	373088	-223 Hz
2026-11-21 Saturday	19:00	280°	+6°	0 dB	0°	280°	+6°	328°	+12°	2.5dB	285°K	372967	-223 Hz
2026-11-21 Saturday	19:30	285°	+2°	0 dB	0°	285°	+2°	335°	+12°	2.5dB	285°K	372845	-218 Hz
2026-11-22 Sunday	06:30	072°	+2°	0 dB	0°	072°	+2°	135°	+15°	2.5dB	297°K	370252	+349 Hz
2026-11-22 Sunday	07:00	077°	+7°	0 dB	0°	077°	+7°	142°	+15°	2.5dB	298°K	370138	+355 Hz
2026-11-22 Sunday	07:30	082°	+12°	0 dB	0°	082°	+12°	149°	+15°	2.5dB	298°K	370024	+356 Hz
2026-11-22 Sunday	08:00	087°	+17°	0 dB	0°	087°	+17°	156°	+15°	2.5dB	298°K	369911	+352 Hz
2026-11-22 Sunday	08:30	092°	+22°	0 dB	0°	092°	+22°	164°	+15°	2.5dB	299°K	369799	+344 Hz
2026-11-22 Sunday	09:00	097°	+27°	0 dB	0°	097°	+27°	171°	+15°	2.5dB	299°K	369686	+331 Hz
2026-11-22 Sunday	09:30	103°	+32°	0 dB	0°	103°	+32°	178°	+16°	2.5dB	299°K	369574	+314 Hz
2026-11-22 Sunday	10:00	109°	+37°	0 dB	0°	109°	+37°	185°	+16°	2.5dB	300°K	369463	+293 Hz
2026-11-22 Sunday	10:30	115°	+42°	0 dB	0°	115°	+42°	193°	+16°	2.5dB	300°K	369352	+267 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-22 Sunday	11:00	123°	+47°	0 dB	0°	123°	+47°	200°	+16°	2.5dB	300°K	369241	+239 Hz
2026-11-22 Sunday	11:30	132°	+51°	0 dB	0°	132°	+51°	207°	+16°	2.5dB	301°K	369131	+207 Hz
2026-11-22 Sunday	12:00	142°	+54°	0 dB	0°	142°	+54°	214°	+16°	2.5dB	301°K	369021	+173 Hz
2026-11-22 Sunday	12:30	153°	+57°	0 dB	0°	153°	+57°	221°	+16°	2.5dB	301°K	368912	+137 Hz
2026-11-22 Sunday	13:00	166°	+59°	0 dB	0°	166°	+59°	229°	+16°	2.5dB	302°K	368803	+100 Hz
2026-11-22 Sunday	13:30	180°	+60°	0 dB	0°	180°	+60°	236°	+16°	2.5dB	302°K	368694	+62 Hz
2026-11-22 Sunday	14:00	194°	+59°	0 dB	0°	194°	+59°	243°	+17°	2.5dB	302°K	368586	+24 Hz
2026-11-22 Sunday	14:30	207°	+58°	0 dB	0°	207°	+58°	250°	+17°	2.5dB	303°K	368479	-13 Hz
2026-11-22 Sunday	15:00	219°	+55°	0 dB	0°	219°	+55°	258°	+17°	2.5dB	303°K	368372	-49 Hz
2026-11-22 Sunday	15:30	229°	+52°	0 dB	0°	229°	+52°	265°	+17°	2.5dB	303°K	368265	-82 Hz
2026-11-22 Sunday	16:00	238°	+48°	0 dB	0°	238°	+48°	272°	+17°	2.5dB	304°K	368159	-114 Hz
2026-11-22 Sunday	16:30	246°	+43°	0 dB	0°	246°	+43°	279°	+17°	2.5dB	304°K	368053	-142 Hz
2026-11-22 Sunday	17:00	252°	+39°	0 dB	0°	252°	+39°	287°	+17°	2.5dB	305°K	367947	-166 Hz
2026-11-22 Sunday	17:30	259°	+34°	0 dB	0°	259°	+34°	294°	+17°	2.5dB	307°K	367843	-187 Hz
2026-11-22 Sunday	18:00	265°	+29°	0 dB	0°	265°	+29°	301°	+18°	2.5dB	308°K	367738	-204 Hz
2026-11-22 Sunday	18:30	270°	+24°	0 dB	0°	270°	+24°	308°	+18°	2.5dB	310°K	367634	-216 Hz
2026-11-22 Sunday	19:00	275°	+19°	0 dB	0°	275°	+19°	315°	+18°	2.5dB	312°K	367531	-224 Hz
2026-11-22 Sunday	19:30	280°	+14°	0 dB	0°	280°	+14°	323°	+18°	2.6dB	313°K	367428	-227 Hz
2026-11-22 Sunday	20:00	285°	+9°	0 dB	0°	285°	+9°	330°	+18°	2.6dB	315°K	367326	-226 Hz
2026-11-22 Sunday	20:30	290°	+5°	0 dB	0°	290°	+5°	337°	+18°	2.6dB	317°K	367224	-220 Hz
2026-11-22 Sunday	21:00	296°	+0°	0 dB	0°	296°	+0°	344°	+18°	2.6dB	319°K	367122	-209 Hz
2026-11-23 Monday	07:00	064°	+2°	0 dB	0°	064°	+2°	129°	+20°	2.9dB	350°K	365206	+319 Hz
2026-11-23 Monday	07:30	069°	+7°	0 dB	0°	069°	+7°	136°	+20°	2.9dB	351°K	365116	+328 Hz
2026-11-23 Monday	08:00	074°	+12°	0 dB	0°	074°	+12°	143°	+20°	2.9dB	352°K	365026	+332 Hz
2026-11-23 Monday	08:30	078°	+17°	0 dB	0°	078°	+17°	150°	+21°	2.9dB	353°K	364938	+332 Hz
2026-11-23 Monday	09:00	083°	+22°	0 dB	0°	083°	+22°	158°	+21°	2.9dB	354°K	364850	+328 Hz
2026-11-23 Monday	09:30	088°	+27°	0 dB	0°	088°	+27°	165°	+21°	2.9dB	355°K	364762	+319 Hz
2026-11-23 Monday	10:00	093°	+32°	0 dB	0°	093°	+32°	172°	+21°	2.9dB	356°K	364675	+306 Hz
2026-11-23 Monday	10:30	099°	+37°	0 dB	0°	099°	+37°	179°	+21°	2.9dB	357°K	364589	+288 Hz
2026-11-23 Monday	11:00	105°	+42°	0 dB	0°	105°	+42°	186°	+21°	2.9dB	358°K	364503	+267 Hz
2026-11-23 Monday	11:30	111°	+47°	0 dB	0°	111°	+47°	194°	+21°	2.9dB	359°K	364418	+242 Hz
2026-11-23 Monday	12:00	119°	+51°	0 dB	0°	119°	+51°	201°	+21°	2.9dB	359°K	364333	+214 Hz
2026-11-23 Monday	12:30	128°	+56°	0 dB	0°	128°	+56°	208°	+21°	2.9dB	360°K	364249	+183 Hz
2026-11-23 Monday	13:00	139°	+60°	0 dB	0°	139°	+60°	215°	+21°	2.9dB	361°K	364166	+149 Hz
2026-11-23 Monday	13:30	151°	+63°	0 dB	0°	151°	+63°	222°	+22°	2.9dB	362°K	364083	+114 Hz
2026-11-23 Monday	14:00	166°	+64°	0 dB	0°	166°	+64°	230°	+22°	2.9dB	363°K	364001	+78 Hz
2026-11-23 Monday	14:30	182°	+65°	0 dB	0°	182°	+65°	237°	+22°	2.9dB	364°K	363920	+41 Hz
2026-11-23 Monday	15:00	198°	+64°	0 dB	0°	198°	+64°	244°	+22°	3.0dB	365°K	363839	+5 Hz
2026-11-23 Monday	15:30	212°	+62°	0 dB	0°	212°	+62°	251°	+22°	3.0dB	366°K	363759	-31 Hz
2026-11-23 Monday	16:00	225°	+59°	0 dB	0°	225°	+59°	259°	+22°	3.0dB	367°K	363679	-65 Hz
2026-11-23 Monday	16:30	235°	+55°	0 dB	0°	235°	+55°	266°	+22°	3.0dB	368°K	363601	-98 Hz
2026-11-23 Monday	17:00	244°	+51°	0 dB	0°	244°	+51°	273°	+22°	3.0dB	369°K	363522	-127 Hz
2026-11-23 Monday	17:30	251°	+47°	0 dB	0°	251°	+47°	280°	+22°	3.0dB	369°K	363445	-154 Hz
2026-11-23 Monday	18:00	258°	+42°	0 dB	0°	258°	+42°	287°	+22°	3.0dB	368°K	363368	-178 Hz
2026-11-23 Monday	18:30	264°	+37°	0 dB	0°	264°	+37°	295°	+22°	2.9dB	367°K	363292	-198 Hz
2026-11-23 Monday	19:00	269°	+32°	0 dB	0°	269°	+32°	302°	+23°	2.9dB	366°K	363216	-213 Hz
2026-11-23 Monday	19:30	275°	+27°	0 dB	0°	275°	+27°	309°	+23°	2.9dB	365°K	363141	-225 Hz
2026-11-23 Monday	20:00	280°	+22°	0 dB	0°	280°	+22°	316°	+23°	2.9dB	364°K	363067	-232 Hz
2026-11-23 Monday	20:30	284°	+17°	0 dB	0°	284°	+17°	323°	+23°	2.9dB	363°K	362993	-235 Hz
2026-11-23 Monday	21:00	289°	+12°	0 dB	0°	289°	+12°	331°	+23°	2.9dB	363°K	362920	-233 Hz
2026-11-23 Monday	21:30	294°	+8°	0 dB	0°	294°	+8°	338°	+23°	2.9dB	362°K	362848	-227 Hz
2026-11-23 Monday	22:00	299°	+3°	0 dB	0°	299°	+3°	345°	+23°	2.9dB	361°K	362777	-217 Hz
2026-11-24 Tuesday	07:30	056°	+1°	0 dB	0°	056°	+1°	122°	+25°	2.7dB	352°K	361549	+279 Hz
2026-11-24 Tuesday	08:00	061°	+6°	0 dB	0°	061°	+6°	129°	+25°	2.7dB	353°K	361491	+292 Hz
2026-11-24 Tuesday	08:30	066°	+10°	0 dB	0°	066°	+10°	136°	+25°	2.7dB	354°K	361435	+300 Hz
2026-11-24 Tuesday	09:00	070°	+15°	0 dB	0°	070°	+15°	143°	+25°	2.7dB	355°K	361379	+304 Hz
2026-11-24 Tuesday	09:30	075°	+20°	0 dB	0°	075°	+20°	150°	+25°	2.7dB	356°K	361323	+304 Hz
2026-11-24 Tuesday	10:00	080°	+24°	0 dB	0°	080°	+24°	158°	+25°	2.7dB	357°K	361269	+300 Hz
2026-11-24 Tuesday	10:30	085°	+29°	0 dB	0°	085°	+29°	165°	+25°	2.8dB	358°K	361215	+292 Hz
2026-11-24 Tuesday	11:00	089°	+35°	0 dB	0°	089°	+35°	172°	+25°	2.8dB	359°K	361162	+279 Hz
2026-11-24 Tuesday	11:30	095°	+40°	0 dB	0°	095°	+40°	179°	+25°	2.8dB	360°K	361109	+262 Hz
2026-11-24 Tuesday	12:00	100°	+45°	0 dB	0°	100°	+45°	186°	+25°	2.8dB	361°K	361058	+241 Hz
2026-11-24 Tuesday	12:30	107°	+50°	0 dB	0°	107°	+50°	193°	+25°	2.8dB	362°K	361007	+217 Hz
2026-11-24 Tuesday	13:00	114°	+54°	0 dB	0°	114°	+54°	201°	+25°	2.8dB	363°K	360957	+190 Hz
2026-11-24 Tuesday	13:30	123°	+59°	0 dB	0°	123°	+59°	208°	+25°	2.8dB	364°K	360907	+160 Hz
2026-11-24 Tuesday	14:00	134°	+63°	0 dB	0°	134°	+63°	215°	+25°	2.8dB	365°K	360859	+128 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-24 Tuesday	14:30	147°	+66°	0 dB	0°	147°	+66°	222°	+25°	2.8dB	366°K	360811	+94 Hz
2026-11-24 Tuesday	15:00	163°	+68°	0 dB	0°	163°	+68°	229°	+25°	2.8dB	367°K	360764	+59 Hz
2026-11-24 Tuesday	15:30	181°	+69°	0 dB	0°	181°	+69°	237°	+26°	2.8dB	368°K	360717	+23 Hz
2026-11-24 Tuesday	16:00	199°	+68°	0 dB	0°	199°	+68°	244°	+26°	2.8dB	369°K	360672	-12 Hz
2026-11-24 Tuesday	16:30	215°	+66°	0 dB	0°	215°	+66°	251°	+26°	2.8dB	370°K	360627	-47 Hz
2026-11-24 Tuesday	17:00	228°	+63°	0 dB	0°	228°	+63°	258°	+26°	2.9dB	372°K	360583	-80 Hz
2026-11-24 Tuesday	17:30	239°	+59°	0 dB	0°	239°	+59°	265°	+26°	2.9dB	373°K	360539	-112 Hz
2026-11-24 Tuesday	18:00	248°	+54°	0 dB	0°	248°	+54°	272°	+26°	2.9dB	374°K	360497	-141 Hz
2026-11-24 Tuesday	18:30	255°	+49°	0 dB	0°	255°	+49°	280°	+26°	2.9dB	376°K	360455	-167 Hz
2026-11-24 Tuesday	19:00	261°	+44°	0 dB	0°	261°	+44°	287°	+26°	2.9dB	377°K	360414	-190 Hz
2026-11-24 Tuesday	19:30	267°	+40°	0 dB	0°	267°	+40°	294°	+26°	2.9dB	379°K	360374	-210 Hz
2026-11-24 Tuesday	20:00	272°	+35°	0 dB	0°	272°	+35°	301°	+26°	2.9dB	380°K	360334	-225 Hz
2026-11-24 Tuesday	20:30	277°	+30°	0 dB	0°	277°	+30°	308°	+26°	2.9dB	381°K	360295	-237 Hz
2026-11-24 Tuesday	21:00	282°	+25°	0 dB	0°	282°	+25°	316°	+26°	3.0dB	383°K	360257	-245 Hz
2026-11-24 Tuesday	21:30	287°	+20°	0 dB	0°	287°	+20°	323°	+26°	3.0dB	384°K	360220	-248 Hz
2026-11-24 Tuesday	22:00	291°	+15°	0 dB	0°	291°	+15°	330°	+26°	3.0dB	386°K	360184	-247 Hz
2026-11-24 Tuesday	22:30	296°	+11°	0 dB	0°	296°	+11°	337°	+26°	3.0dB	387°K	360148	-242 Hz
2026-11-24 Tuesday	23:00	301°	+6°	0 dB	0°	301°	+6°	344°	+26°	3.0dB	388°K	360113	-232 Hz
2026-11-24 Tuesday	23:30	306°	+2°	0 dB	0°	306°	+2°	351°	+26°	3.0dB	390°K	360079	-219 Hz
2026-11-25 Wednesday	08:30	054°	+3°	0 dB	0°	054°	+3°	120°	+27°	3.2dB	417°K	359597	+250 Hz
2026-11-25 Wednesday	09:00	058°	+7°	0 dB	0°	058°	+7°	128°	+27°	3.3dB	419°K	359577	+262 Hz
2026-11-25 Wednesday	09:30	063°	+11°	0 dB	0°	063°	+11°	135°	+27°	3.3dB	421°K	359559	+271 Hz
2026-11-25 Wednesday	10:00	068°	+16°	0 dB	0°	068°	+16°	142°	+27°	3.3dB	422°K	359541	+276 Hz
2026-11-25 Wednesday	10:30	072°	+20°	0 dB	0°	072°	+20°	149°	+27°	3.3dB	424°K	359524	+277 Hz
2026-11-25 Wednesday	11:00	077°	+25°	0 dB	0°	077°	+25°	156°	+27°	3.3dB	426°K	359508	+273 Hz
2026-11-25 Wednesday	11:30	082°	+30°	0 dB	0°	082°	+30°	163°	+27°	3.3dB	427°K	359492	+266 Hz
2026-11-25 Wednesday	12:00	086°	+35°	0 dB	0°	086°	+35°	171°	+27°	3.3dB	429°K	359478	+254 Hz
2026-11-25 Wednesday	12:30	092°	+40°	0 dB	0°	092°	+40°	178°	+27°	3.4dB	431°K	359464	+238 Hz
2026-11-25 Wednesday	13:00	097°	+45°	0 dB	0°	097°	+45°	185°	+27°	3.4dB	432°K	359451	+219 Hz
2026-11-25 Wednesday	13:30	103°	+50°	0 dB	0°	103°	+50°	192°	+27°	3.4dB	434°K	359438	+196 Hz
2026-11-25 Wednesday	14:00	110°	+55°	0 dB	0°	110°	+55°	199°	+27°	3.4dB	436°K	359427	+170 Hz
2026-11-25 Wednesday	14:30	119°	+60°	0 dB	0°	119°	+60°	206°	+27°	3.4dB	439°K	359416	+141 Hz
2026-11-25 Wednesday	15:00	129°	+64°	0 dB	0°	129°	+64°	214°	+27°	3.5dB	442°K	359406	+110 Hz
2026-11-25 Wednesday	15:30	142°	+67°	0 dB	0°	142°	+67°	221°	+27°	3.5dB	446°K	359397	+77 Hz
2026-11-25 Wednesday	16:00	158°	+70°	0 dB	0°	158°	+70°	228°	+27°	3.5dB	449°K	359388	+43 Hz
2026-11-25 Wednesday	16:30	178°	+71°	0 dB	0°	178°	+71°	235°	+27°	3.5dB	452°K	359381	+8 Hz
2026-11-25 Wednesday	17:00	197°	+70°	0 dB	0°	197°	+70°	242°	+28°	3.6dB	455°K	359374	-26 Hz
2026-11-25 Wednesday	17:30	214°	+68°	0 dB	0°	214°	+68°	249°	+28°	3.6dB	458°K	359368	-61 Hz
2026-11-25 Wednesday	18:00	228°	+65°	0 dB	0°	228°	+65°	257°	+28°	3.6dB	461°K	359363	-94 Hz
2026-11-25 Wednesday	18:30	239°	+61°	0 dB	0°	239°	+61°	264°	+28°	3.6dB	464°K	359358	-125 Hz
2026-11-25 Wednesday	19:00	248°	+56°	0 dB	0°	248°	+56°	271°	+28°	3.7dB	467°K	359354	-154 Hz
2026-11-25 Wednesday	19:30	255°	+51°	0 dB	0°	255°	+51°	278°	+28°	3.7dB	470°K	359351	-181 Hz
2026-11-25 Wednesday	20:00	262°	+47°	0 dB	0°	262°	+47°	285°	+28°	3.7dB	473°K	359349	-205 Hz
2026-11-25 Wednesday	20:30	267°	+42°	0 dB	0°	267°	+42°	292°	+28°	3.7dB	476°K	359348	-225 Hz
2026-11-25 Wednesday	21:00	273°	+37°	0 dB	0°	273°	+37°	300°	+28°	3.8dB	479°K	359347	-241 Hz
2026-11-25 Wednesday	21:30	278°	+32°	0 dB	0°	278°	+32°	307°	+28°	3.8dB	482°K	359347	-254 Hz
2026-11-25 Wednesday	22:00	282°	+27°	0 dB	0°	282°	+27°	314°	+28°	3.8dB	486°K	359348	-262 Hz
2026-11-25 Wednesday	22:30	287°	+22°	0 dB	0°	287°	+22°	321°	+28°	3.8dB	489°K	359350	-266 Hz
2026-11-25 Wednesday	23:00	291°	+17°	0 dB	0°	291°	+17°	328°	+28°	3.9dB	492°K	359352	-266 Hz
2026-11-25 Wednesday	23:30	296°	+13°	0 dB	0°	296°	+13°	335°	+28°	3.9dB	495°K	359356	-262 Hz
2026-11-26 Thursday	00:00	301°	+8°	0 dB	0°	301°	+8°	343°	+28°	3.9dB	498°K	359360	-254 Hz
2026-11-26 Thursday	00:30	306°	+4°	0 dB	0°	306°	+4°	350°	+28°	3.9dB	500°K	359364	-243 Hz
2026-11-26 Thursday	01:00	311°	+0°	0 dB	0°	311°	+0°	357°	+28°	3.9dB	500°K	359370	-227 Hz
2026-11-26 Thursday	09:30	052°	+2°	0 dB	0°	052°	+2°	119°	+28°	3.9dB	500°K	359580	+222 Hz
2026-11-26 Thursday	10:00	057°	+6°	0 dB	0°	057°	+6°	126°	+28°	3.9dB	500°K	359599	+236 Hz
2026-11-26 Thursday	10:30	062°	+10°	0 dB	0°	062°	+10°	133°	+28°	3.9dB	500°K	359619	+246 Hz
2026-11-26 Thursday	11:00	067°	+15°	0 dB	0°	067°	+15°	140°	+28°	3.9dB	499°K	359639	+252 Hz
2026-11-26 Thursday	11:30	071°	+19°	0 dB	0°	071°	+19°	147°	+27°	3.9dB	495°K	359661	+254 Hz
2026-11-26 Thursday	12:00	076°	+24°	0 dB	0°	076°	+24°	155°	+27°	3.9dB	491°K	359683	+252 Hz
2026-11-26 Thursday	12:30	080°	+29°	0 dB	0°	080°	+29°	162°	+27°	3.8dB	487°K	359706	+245 Hz
2026-11-26 Thursday	13:00	085°	+34°	0 dB	0°	085°	+34°	169°	+27°	3.8dB	482°K	359729	+235 Hz
2026-11-26 Thursday	13:30	090°	+39°	0 dB	0°	090°	+39°	176°	+27°	3.8dB	478°K	359753	+220 Hz
2026-11-26 Thursday	14:00	096°	+44°	0 dB	0°	096°	+44°	183°	+27°	3.7dB	474°K	359778	+202 Hz
2026-11-26 Thursday	14:30	102°	+49°	0 dB	0°	102°	+49°	190°	+27°	3.7dB	470°K	359804	+180 Hz
2026-11-26 Thursday	15:00	108°	+54°	0 dB	0°	108°	+54°	198°	+27°	3.7dB	466°K	359831	+155 Hz
2026-11-26 Thursday	15:30	117°	+58°	0 dB	0°	117°	+58°	205°	+27°	3.7dB	462°K	359858	+127 Hz

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Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-26 Thursday	16:00	127°	+63°	0 dB	0°	127°	+63°	212°	+27°	3.6dB	458°K	359886	+96 Hz
2026-11-26 Thursday	16:30	139°	+66°	0 dB	0°	139°	+66°	219°	+27°	3.6dB	454°K	359914	+64 Hz
2026-11-26 Thursday	17:00	155°	+69°	0 dB	0°	155°	+69°	226°	+27°	3.6dB	450°K	359943	+30 Hz
2026-11-26 Thursday	17:30	173°	+71°	0 dB	0°	173°	+71°	233°	+27°	3.5dB	446°K	359974	-5 Hz
2026-11-26 Thursday	18:00	193°	+70°	0 dB	0°	193°	+70°	241°	+27°	3.5dB	442°K	360004	-39 Hz
2026-11-26 Thursday	18:30	210°	+68°	0 dB	0°	210°	+68°	248°	+27°	3.5dB	438°K	360036	-74 Hz
2026-11-26 Thursday	19:00	225°	+65°	0 dB	0°	225°	+65°	255°	+27°	3.4dB	434°K	360068	-108 Hz
2026-11-26 Thursday	19:30	236°	+61°	0 dB	0°	236°	+61°	262°	+27°	3.4dB	429°K	360101	-140 Hz
2026-11-26 Thursday	20:00	246°	+57°	0 dB	0°	246°	+57°	269°	+27°	3.3dB	425°K	360134	-170 Hz
2026-11-26 Thursday	20:30	253°	+52°	0 dB	0°	253°	+52°	277°	+27°	3.3dB	421°K	360168	-197 Hz
2026-11-26 Thursday	21:00	260°	+47°	0 dB	0°	260°	+47°	284°	+27°	3.3dB	417°K	360203	-222 Hz
2026-11-26 Thursday	21:30	266°	+42°	0 dB	0°	266°	+42°	291°	+27°	3.2dB	413°K	360239	-243 Hz
2026-11-26 Thursday	22:00	271°	+37°	0 dB	0°	271°	+37°	298°	+27°	3.2dB	411°K	360275	-261 Hz
2026-11-26 Thursday	22:30	276°	+32°	0 dB	0°	276°	+32°	305°	+27°	3.2dB	409°K	360312	-274 Hz
2026-11-26 Thursday	23:00	281°	+27°	0 dB	0°	281°	+27°	312°	+27°	3.2dB	407°K	360350	-284 Hz
2026-11-26 Thursday	23:30	285°	+22°	0 dB	0°	285°	+22°	320°	+27°	3.2dB	405°K	360388	-289 Hz
2026-11-27 Friday	00:00	290°	+18°	0 dB	0°	290°	+18°	327°	+27°	3.2dB	403°K	360427	-290 Hz
2026-11-27 Friday	00:30	294°	+13°	0 dB	0°	294°	+13°	334°	+27°	3.1dB	401°K	360467	-287 Hz
2026-11-27 Friday	01:00	299°	+8°	0 dB	0°	299°	+8°	341°	+27°	3.1dB	399°K	360508	-280 Hz
2026-11-27 Friday	01:30	304°	+4°	0 dB	0°	304°	+4°	348°	+27°	3.1dB	397°K	360549	-269 Hz
2026-11-27 Friday	02:00	309°	+0°	0 dB	0°	309°	+0°	355°	+27°	3.1dB	395°K	360590	-254 Hz
2026-11-27 Friday	10:30	052°	-0°	0 dB	0°	052°	-0°	117°	+26°	2.8dB	357°K	361400	+203 Hz
2026-11-27 Friday	11:00	057°	+4°	0 dB	0°	057°	+4°	125°	+26°	2.7dB	354°K	361453	+218 Hz
2026-11-27 Friday	11:30	062°	+8°	0 dB	0°	062°	+8°	132°	+26°	2.7dB	351°K	361507	+229 Hz
2026-11-27 Friday	12:00	067°	+13°	0 dB	0°	067°	+13°	139°	+26°	2.7dB	348°K	361562	+236 Hz
2026-11-27 Friday	12:30	072°	+17°	0 dB	0°	072°	+17°	146°	+26°	2.6dB	345°K	361617	+239 Hz
2026-11-27 Friday	13:00	076°	+22°	0 dB	0°	076°	+22°	153°	+26°	2.6dB	342°K	361673	+238 Hz
2026-11-27 Friday	13:30	081°	+27°	0 dB	0°	081°	+27°	161°	+25°	2.6dB	339°K	361729	+232 Hz
2026-11-27 Friday	14:00	086°	+32°	0 dB	0°	086°	+32°	168°	+25°	2.6dB	337°K	361786	+223 Hz
2026-11-27 Friday	14:30	091°	+37°	0 dB	0°	091°	+37°	175°	+25°	2.5dB	334°K	361844	+209 Hz
2026-11-27 Friday	15:00	097°	+42°	0 dB	0°	097°	+42°	182°	+25°	2.5dB	331°K	361902	+191 Hz
2026-11-27 Friday	15:30	103°	+47°	0 dB	0°	103°	+47°	189°	+25°	2.5dB	328°K	361961	+169 Hz
2026-11-27 Friday	16:00	110°	+52°	0 dB	0°	110°	+52°	196°	+25°	2.4dB	325°K	362020	+144 Hz
2026-11-27 Friday	16:30	118°	+56°	0 dB	0°	118°	+56°	204°	+25°	2.4dB	322°K	362080	+116 Hz
2026-11-27 Friday	17:00	128°	+60°	0 dB	0°	128°	+60°	211°	+25°	2.4dB	319°K	362140	+85 Hz
2026-11-27 Friday	17:30	140°	+64°	0 dB	0°	140°	+64°	218°	+25°	2.3dB	316°K	362201	+53 Hz
2026-11-27 Friday	18:00	154°	+67°	0 dB	0°	154°	+67°	225°	+25°	2.3dB	313°K	362263	+18 Hz
2026-11-27 Friday	18:30	171°	+68°	0 dB	0°	171°	+68°	232°	+25°	2.3dB	310°K	362325	-17 Hz
2026-11-27 Friday	19:00	189°	+68°	0 dB	0°	189°	+68°	240°	+25°	2.3dB	308°K	362388	-53 Hz
2026-11-27 Friday	19:30	206°	+66°	0 dB	0°	206°	+66°	247°	+25°	2.2dB	305°K	362451	-88 Hz
2026-11-27 Friday	20:00	220°	+64°	0 dB	0°	220°	+64°	254°	+25°	2.2dB	301°K	362515	-123 Hz
2026-11-27 Friday	20:30	232°	+60°	0 dB	0°	232°	+60°	261°	+25°	2.1dB	298°K	362580	-156 Hz
2026-11-27 Friday	21:00	241°	+56°	0 dB	0°	241°	+56°	268°	+24°	2.1dB	294°K	362644	-187 Hz
2026-11-27 Friday	21:30	249°	+51°	0 dB	0°	249°	+51°	276°	+24°	2.1dB	291°K	362710	-216 Hz
2026-11-27 Friday	22:00	256°	+46°	0 dB	0°	256°	+46°	283°	+24°	2.0dB	288°K	362776	-241 Hz
2026-11-27 Friday	22:30	262°	+41°	0 dB	0°	262°	+41°	290°	+24°	2.0dB	284°K	362843	-264 Hz
2026-11-27 Friday	23:00	268°	+36°	0 dB	0°	268°	+36°	297°	+24°	1.9dB	281°K	362910	-282 Hz
2026-11-27 Friday	23:30	273°	+31°	0 dB	0°	273°	+31°	304°	+24°	1.9dB	277°K	362978	-297 Hz
2026-11-28 Saturday	00:00	278°	+26°	0 dB	0°	278°	+26°	312°	+24°	1.9dB	274°K	363046	-307 Hz
2026-11-28 Saturday	00:30	282°	+21°	0 dB	0°	282°	+21°	319°	+24°	1.8dB	271°K	363114	-313 Hz
2026-11-28 Saturday	01:00	287°	+16°	0 dB	0°	287°	+16°	326°	+24°	1.8dB	267°K	363184	-315 Hz
2026-11-28 Saturday	01:30	292°	+11°	0 dB	0°	292°	+11°	333°	+24°	1.7dB	264°K	363254	-312 Hz
2026-11-28 Saturday	02:00	296°	+7°	0 dB	0°	296°	+7°	340°	+24°	1.7dB	260°K	363324	-305 Hz
2026-11-28 Saturday	02:30	301°	+2°	0 dB	0°	301°	+2°	348°	+24°	1.7dB	257°K	363395	-295 Hz
2026-11-28 Saturday	12:00	060°	+1°	0 dB	0°	060°	+1°	124°	+22°	1.1dB	215°K	364832	+209 Hz
2026-11-28 Saturday	12:30	065°	+5°	0 dB	0°	065°	+5°	132°	+22°	1.1dB	214°K	364912	+221 Hz
2026-11-28 Saturday	13:00	070°	+10°	0 dB	0°	070°	+10°	139°	+22°	1.1dB	213°K	364993	+229 Hz
2026-11-28 Saturday	13:30	075°	+15°	0 dB	0°	075°	+15°	146°	+22°	1.1dB	212°K	365074	+232 Hz
2026-11-28 Saturday	14:00	079°	+19°	0 dB	0°	079°	+19°	153°	+22°	1.1dB	211°K	365155	+231 Hz
2026-11-28 Saturday	14:30	084°	+24°	0 dB	0°	084°	+24°	160°	+22°	1.0dB	210°K	365237	+226 Hz
2026-11-28 Saturday	15:00	090°	+29°	0 dB	0°	090°	+29°	168°	+21°	1.0dB	209°K	365320	+216 Hz
2026-11-28 Saturday	15:30	095°	+34°	0 dB	0°	095°	+34°	175°	+21°	1.0dB	208°K	365402	+202 Hz
2026-11-28 Saturday	16:00	101°	+39°	0 dB	0°	101°	+39°	182°	+21°	1.0dB	206°K	365486	+184 Hz
2026-11-28 Saturday	16:30	107°	+44°	0 dB	0°	107°	+44°	189°	+21°	1.0dB	205°K	365569	+161 Hz
2026-11-28 Saturday	17:00	114°	+49°	0 dB	0°	114°	+49°	196°	+21°	1.0dB	204°K	365653	+136 Hz
2026-11-28 Saturday	17:30	123°	+53°	0 dB	0°	123°	+53°	204°	+21°	1.0dB	203°K	365737	+107 Hz

MoonSked by MoonBounce Software © GM4JJJ
Moon Data for K7CQ in Locator PN16xe on 144 MHz with K7CQ in Locator PN16xe

Date	UTC	AZ	EL	MNR	POL	AZDX	ELDX	GHA	DEC	DGR	TSky	Rge Km	Doppler
2026-11-28 Saturday	18:00	132°	+57°	0 dB	0°	132°	+57°	211°	+21°	0.9dB	202°K	365822	+75 Hz
2026-11-28 Saturday	18:30	144°	+60°	0 dB	0°	144°	+60°	218°	+21°	0.9dB	201°K	365907	+41 Hz
2026-11-28 Saturday	19:00	157°	+63°	0 dB	0°	157°	+63°	225°	+21°	0.9dB	200°K	365993	+6 Hz
2026-11-28 Saturday	19:30	172°	+64°	0 dB	0°	172°	+64°	233°	+21°	0.9dB	199°K	366079	-31 Hz
2026-11-28 Saturday	20:00	188°	+64°	0 dB	0°	188°	+64°	240°	+21°	0.9dB	198°K	366165	-68 Hz
2026-11-28 Saturday	20:30	203°	+62°	0 dB	0°	203°	+62°	247°	+20°	0.9dB	197°K	366252	-104 Hz
2026-11-28 Saturday	21:00	216°	+60°	0 dB	0°	216°	+60°	254°	+20°	0.9dB	196°K	366339	-140 Hz
2026-11-28 Saturday	21:30	227°	+56°	0 dB	0°	227°	+56°	261°	+20°	0.9dB	195°K	366426	-174 Hz
2026-11-28 Saturday	22:00	237°	+52°	0 dB	0°	237°	+52°	269°	+20°	0.8dB	194°K	366514	-206 Hz
2026-11-28 Saturday	22:30	245°	+48°	0 dB	0°	245°	+48°	276°	+20°	0.8dB	193°K	366602	-236 Hz
2026-11-28 Saturday	23:00	252°	+43°	0 dB	0°	252°	+43°	283°	+20°	0.8dB	192°K	366690	-262 Hz
2026-11-28 Saturday	23:30	258°	+38°	0 dB	0°	258°	+38°	290°	+20°	0.8dB	191°K	366779	-285 Hz
2026-11-29 Sunday	00:00	264°	+33°	0 dB	0°	264°	+33°	297°	+20°	0.8dB	189°K	366868	-304 Hz
2026-11-29 Sunday	00:30	269°	+28°	0 dB	0°	269°	+28°	305°	+20°	0.8dB	188°K	366958	-319 Hz
2026-11-29 Sunday	01:00	274°	+23°	0 dB	0°	274°	+23°	312°	+20°	0.7dB	187°K	367048	-329 Hz
2026-11-29 Sunday	01:30	279°	+18°	0 dB	0°	279°	+18°	319°	+19°	0.7dB	186°K	367138	-335 Hz
2026-11-29 Sunday	02:00	284°	+13°	0 dB	0°	284°	+13°	326°	+19°	0.7dB	185°K	367228	-336 Hz
2026-11-29 Sunday	02:30	289°	+8°	0 dB	0°	289°	+8°	334°	+19°	0.7dB	184°K	367319	-333 Hz
2026-11-29 Sunday	03:00	294°	+3°	0 dB	0°	294°	+3°	341°	+19°	0.7dB	183°K	367410	-326 Hz
2026-11-29 Sunday	13:30	069°	+2°	0 dB	0°	069°	+2°	133°	+17°	0.7dB	177°K	369392	+221 Hz
2026-11-29 Sunday	14:00	074°	+7°	0 dB	0°	074°	+7°	140°	+17°	0.7dB	178°K	369489	+229 Hz
2026-11-29 Sunday	14:30	079°	+12°	0 dB	0°	079°	+12°	147°	+17°	0.7dB	178°K	369587	+232 Hz
2026-11-29 Sunday	15:00	084°	+17°	0 dB	0°	084°	+17°	154°	+17°	0.7dB	178°K	369685	+230 Hz
2026-11-29 Sunday	15:30	089°	+22°	0 dB	0°	089°	+22°	162°	+16°	0.7dB	179°K	369782	+224 Hz
2026-11-29 Sunday	16:00	095°	+26°	0 dB	0°	095°	+26°	169°	+16°	0.7dB	179°K	369881	+213 Hz
2026-11-29 Sunday	16:30	100°	+31°	0 dB	0°	100°	+31°	176°	+16°	0.7dB	179°K	369979	+198 Hz
2026-11-29 Sunday	17:00	107°	+36°	0 dB	0°	107°	+36°	183°	+16°	0.8dB	180°K	370078	+178 Hz
2026-11-29 Sunday	17:30	113°	+41°	0 dB	0°	113°	+41°	191°	+16°	0.8dB	180°K	370176	+155 Hz
2026-11-29 Sunday	18:00	121°	+45°	0 dB	0°	121°	+45°	198°	+16°	0.8dB	180°K	370275	+127 Hz
2026-11-29 Sunday	18:30	129°	+49°	0 dB	0°	129°	+49°	205°	+16°	0.8dB	181°K	370375	+97 Hz
2026-11-29 Sunday	19:00	139°	+53°	0 dB	0°	139°	+53°	212°	+16°	0.8dB	181°K	370474	+64 Hz
2026-11-29 Sunday	19:30	150°	+56°	0 dB	0°	150°	+56°	219°	+15°	0.8dB	181°K	370574	+28 Hz
2026-11-29 Sunday	20:00	163°	+58°	0 dB	0°	163°	+58°	227°	+15°	0.8dB	182°K	370673	-8 Hz
2026-11-29 Sunday	20:30	176°	+59°	0 dB	0°	176°	+59°	234°	+15°	0.8dB	182°K	370773	-46 Hz
2026-11-29 Sunday	21:00	190°	+58°	0 dB	0°	190°	+58°	241°	+15°	0.8dB	182°K	370874	-84 Hz
2026-11-29 Sunday	21:30	202°	+57°	0 dB	0°	202°	+57°	248°	+15°	0.8dB	182°K	370974	-122 Hz
2026-11-29 Sunday	22:00	214°	+54°	0 dB	0°	214°	+54°	256°	+15°	0.9dB	183°K	371074	-159 Hz
2026-11-29 Sunday	22:30	224°	+51°	0 dB	0°	224°	+51°	263°	+15°	0.9dB	183°K	371175	-193 Hz
2026-11-29 Sunday	23:00	233°	+47°	0 dB	0°	233°	+47°	270°	+15°	0.9dB	183°K	371276	-226 Hz
2026-11-29 Sunday	23:30	241°	+42°	0 dB	0°	241°	+42°	277°	+15°	0.9dB	183°K	371377	-256 Hz
2026-11-30 Monday	00:00	248°	+38°	0 dB	0°	248°	+38°	285°	+14°	0.9dB	183°K	371478	-282 Hz
2026-11-30 Monday	00:30	255°	+33°	0 dB	0°	255°	+33°	292°	+14°	0.9dB	183°K	371580	-304 Hz
2026-11-30 Monday	01:00	260°	+28°	0 dB	0°	260°	+28°	299°	+14°	0.9dB	184°K	371681	-323 Hz
2026-11-30 Monday	01:30	266°	+23°	0 dB	0°	266°	+23°	306°	+14°	0.9dB	184°K	371783	-337 Hz
2026-11-30 Monday	02:00	271°	+18°	0 dB	0°	271°	+18°	314°	+14°	0.9dB	184°K	371885	-346 Hz
2026-11-30 Monday	02:30	276°	+13°	0 dB	0°	276°	+13°	321°	+14°	0.9dB	184°K	371987	-351 Hz
2026-11-30 Monday	03:00	281°	+7°	0 dB	0°	281°	+7°	328°	+14°	0.9dB	184°K	372089	-351 Hz
2026-11-30 Monday	03:30	286°	+2°	0 dB	0°	286°	+2°	335°	+14°	0.9dB	184°K	372191	-347 Hz
2026-11-30 Monday	15:00	080°	+4°	0 dB	0°	080°	+4°	142°	+11°	1.1dB	189°K	374573	+233 Hz
2026-11-30 Monday	15:30	085°	+9°	0 dB	0°	085°	+9°	149°	+11°	1.2dB	190°K	374677	+234 Hz
2026-11-30 Monday	16:00	090°	+14°	0 dB	0°	090°	+14°	157°	+11°	1.2dB	190°K	374782	+231 Hz
2026-11-30 Monday	16:30	096°	+19°	0 dB	0°	096°	+19°	164°	+10°	1.2dB	190°K	374887	+223 Hz
2026-11-30 Monday	17:00	101°	+24°	0 dB	0°	101°	+24°	171°	+10°	1.2dB	190°K	374991	+211 Hz
2026-11-30 Monday	17:30	107°	+29°	0 dB	0°	107°	+29°	178°	+10°	1.2dB	191°K	375096	+193 Hz
2026-11-30 Monday	18:00	114°	+33°	0 dB	0°	114°	+33°	186°	+10°	1.2dB	191°K	375201	+172 Hz
2026-11-30 Monday	18:30	121°	+38°	0 dB	0°	121°	+38°	193°	+10°	1.2dB	191°K	375306	+146 Hz
2026-11-30 Monday	19:00	129°	+42°	0 dB	0°	129°	+42°	200°	+10°	1.2dB	192°K	375410	+117 Hz
2026-11-30 Monday	19:30	137°	+45°	0 dB	0°	137°	+45°	208°	+10°	1.2dB	192°K	375515	+85 Hz
2026-11-30 Monday	20:00	147°	+48°	0 dB	0°	147°	+48°	215°	+10°	1.2dB	192°K	375620	+50 Hz
2026-11-30 Monday	20:30	158°	+51°	0 dB	0°	158°	+51°	222°	+9°	1.3dB	193°K	375725	+13 Hz
2026-11-30 Monday	21:00	169°	+52°	0 dB	0°	169°	+52°	229°	+9°	1.3dB	193°K	375830	-25 Hz
2026-11-30 Monday	21:30	181°	+52°	0 dB	0°	181°	+52°	237°	+9°	1.3dB	193°K	375935	-64 Hz
2026-11-30 Monday	22:00	193°	+52°	0 dB	0°	193°	+52°	244°	+9°	1.3dB	193°K	376040	-102 Hz
2026-11-30 Monday	22:30	204°	+50°	0 dB	0°	204°	+50°	251°	+9°	1.3dB	194°K	376145	-141 Hz
2026-11-30 Monday	23:00	214°	+47°	0 dB	0°	214°	+47°	258°	+9°	1.3dB	194°K	376250	-177 Hz
2026-11-30 Monday	23:30	223°	+44°	0 dB	0°	223°	+44°	266°	+9°	1.3dB	194°K	376355	-212 Hz