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Satellites Supported at New Norcia Station

We use the list of earth-space and space-earth satellites to assess requests for short-term access.

Table 1: earth-space satellites

Satellite	Frequency (MHz)	Emission	ITU Ref.
Mars Odyssey	7155.3773	34K0G2D	API/A/1432
HENON	7155.9552	100KG2D	API/A/14207
EXOMARS TGO	7158.6137	2M50G7X	API/A/9577
BC-MMO	7158.8450	3M50G7D	API/A/12213
PSYCHE	7164.6242	2M40G9D	API/A/12347
MARS EXPRESS	7166.9359	2M50G1D	API/A/1166
BC-MPO	7166.9359	5M00G7D	API/A/11910
EXOMARS RFM	7170.9814	2M50G7X	API/A/10726
SOLAR ORBITER	7172.7153	6M00G7D	API/A/11951
TIANWEN-2	7173.5475	4M0GXX	API/A/13326
MMX	7178.3386	6M90G7W	API/A/14360
JUICE	7180.2284	5M00G7D	API/A/12795
HERA	7180.2284	5M00G7D	API/A/13056
STEREO	7186.5856	2M06G9D	API/A/2978
EUCLID	7196.3580	3M00G7X	API/A/12398
IMAP	7196.7840	2M08G9D	API/A/12788
GATEWAY PPE	7205.2949	10M0G1D	API/A/13367
PLATO	7212.5295	2M30G7X	API/A/14153
ADITYA	7219.6110	2M50G2D	API/A/12504
HAKUTO-R-L1	7228.3360	3M00G9W	API/A/12336
ADITYA	7232.5310	2M50G2D	API/A/12504

GATEWAY PPE	22984.4570	30M0G1D	API/A/13367
BC-MPO	34384.2200	50M0G1X	API/A/11910
JUICE	34565.3960	50M0G1X	API/A/12795

Table 2: space-earth satellites

Satellite	Frequency (MHz)	Emission	ITU Ref.
BC-MPO	8401.2970	100KN0N	API/A/11910
EXOMARS RFM	8406.0369	100KN0N	API/A/10726
EXOMARS TGO	8406.8313	100KN0N	API/A/9577
Mars Odyssey	8406.8518	2M00G7D	API/A/1432
HENON	8407.5309	9M00G2D	API/A/14207
SOLAR ORBITER	8408.0694	100KN0N	API/A/11951
EXOMARS TGO	8410.6543	6M00G1D	API/A/9577
BC-MMO	8410.9260	3M60G7D	API/A/12213
CMARS-1	8411.8546	200KN0N	API/A/12069
EXOMARS TGO	8414.4773	100KN0N	API/A/9577
HERA	8416.8765	100KN0N	API/A/13056
PSYCHE	8417.7161	2M40G9D	API/A/12347
MMX	8417.8290	100KN0N	API/A/14360
MMX	8417.8290	100KN0N	API/A/14360
MARS EXPRESS	8420.4320	3M50G1D	API/A/1166
BC-MPO	8420.4320	12M8G7D	API/A/11910
EXOMARS RFM	8421.3550	100KN0N	API/A/10726
JUICE	8421.6698	100KN0N	API/A/12795
HERA	8421.6698	8M00GXX	API/A/13056
SOLAR ORBITER	8423.3916	100KN0N	API/A/11951
EXOMARS RFM	8425.1851	5M40G7D	API/A/10726

CMARS-1	8427.1837	200KN0N	API/A/12069
SOLAR ORBITER	8427.2222	9M40G7D	API/A/11951
TIANWEN-2	8428.2000	12M0GXX	API/A/13326
EXOMARS RFM	8429.0147	100KN0N	API/A/10726
EXOMARS TGO	8429.7694	100KN0N	API/A/9577
MMX	8429.8290	100KN0N	API/A/14360
MMX	8429.9950	100KN0N	API/A/14360
CMARS-1	8431.0160	750KGXX	API/A/12069
SOLAR ORBITER	8431.0527	100KN0N	API/A/11951
JUICE	8432.2148	100KN0N	API/A/12795
HERA	8432.2148	100KN0N	API/A/13056
MMX	8433.8290	14M8G1D	API/A/14360
CMARS-1	8434.8483	200KN0N	API/A/12069
JUICE	8436.0494	12M0G7D	API/A/12795
HERA	8436.0494	12M0G7D	API/A/13056
MMX	8437.6620	100KN0N	API/A/14360
MMX	8437.8290	100KN0N	API/A/14360
BC-MPO	8439.5670	100KN0N	API/A/11910
JUICE	8439.8839	100KN0N	API/A/12795
HERA	8439.8839	100KN0N	API/A/13056
STEREO	8443.5185	3M84G7D	API/A/2978
EXOMARS RFM	8444.3332	100KN0N	API/A/10726
SOLAR ORBITER	8446.3749	100KN0N	API/A/11951
MMX	8448.2050	100KN0N	API/A/14360
CMARS-1	8449.1774	200KN0N	API/A/12069
MMX	8449.8290	100KN0N	API/A/14360
JUICE	8450.4290	100KN0N	API/A/12795
HERA	8450.4290	8M00GXX	API/A/13056
EUCLID	8455.0000	2M20G7X	API/A/12398

HERA	8455.2222	100KN0N	API/A/13056
IMAP	8455.5000	6M00G9D	API/A/12788
GATEWAY PPE	8465.5000	8M19G1D	API/A/13367
PLATO	8474.0000	3.4 MHz	API/A/14153
ADITYA	8482.3200	2M50G2D	API/A/12504
HAKUTO-R-L1	8492.5710	8M60G9W	API/A/12336
ADITYA	8497.5000	2M50G2D	API/A/12504
PLATO	25630.0000	200 MHz	API/A/14153
LRO	25650.0000	229MG1D--	API/A/4479
JWST-R2	25900.0000	64M0G1D--	API/A/12956
TESS	26000.0000	250MG1D--	API/A/10689
EUCLID	26240.0000	200MG1D	API/A/12398
SDO	26500.0000	400MG1D--	API/A/2900
WFIRST	26675.0000	574MG1D	API/A/12572
GATEWAY PPE	26890.0000	166MG1D	API/A/13367
BC-MPO	31978.5000	100KN0N	API/A/11910
BC-MPO	31997.6400	22M9G7D	API/A/11910
BC-MPO	32016.7800	100KN0N	API/A/11910
MMX	32034.1740	100KN0N	API/A/14360
JUICE	32042.6080	100KN0N	API/A/12795
MMX	32044.7170	100KN0N	API/A/14360
MMX	32048.5500	14M8G9W	API/A/14360
MMX	32052.3840	100KN0N	API/A/14360
JUICE	32053.1530	100KN0N	API/A/12795
JUICE	32056.9880	22M9G7D	API/A/12795
JUICE	32060.8220	100KN0N	API/A/12795
MMX	32062.9260	100KN0N	API/A/14360
JUICE	32071.3670	100KN0N	API/A/12795
BC-MPO	32100.8500	50M0G1X	API/A/11910

JUICE	32270.0000	50M0G1X	API/A/12795