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NOAA Table of Polar-orbiting Satellites Equator Crossing Times and Frequencies



NOAA table of Polar-orbiting Satellites Equator Crossing Times and Frequencies
(as of 01 September 2009)

Satellite	Service	Start	EOL	Eq. Cross-time	Freq (MHz)	BW MHz	Data rate (Mb/s)
Metop-1	LRPT	2006	2011	0930	137.9	.150	.072
Metop-2	LRPT	2010	2015	0930	137.9	.150	.072
Metop-3	LRPT	2015	2020	0930	137.9	.150	.072
Metop-1	AHRPT	2006	2011	0930	1701.3	4.5	3.5
Metop-2	AHRPT	2010	2015	0930	1701.3	4.5	3.5
Metop-3	AHRPT	2015	2020	0930	1701.3	4.5	3.5
Metop-1	GDS	2006	2011	0930	7800	63	70
Metop-2	GDS	2010	2015	0930	7800	63	70
Metop-3	GDS	2015	2020	0930	7800	63	70
NPP	HRD	2009	2013	1330A	7812	30	15
NPP	SMD	2009	2013	1330A	8212.5	300	300
NPOESS-1	LRD	2013	2019	1330A	1707	6.0	3.88
NPOESS-2	LRD	2016	2021	0530D	1707	6.0	3.88
NPOESS-3	LRD	2020	2025	1330A	1707	6.0	3.88
NPOESS-4	LRD	2022	2027	0530D	1707	6.0	3.88
NPOESS-1	HRD	2013	2019	1330A	7834	32	20
NPOESS-2	HRD	2016	2021	0530D	7834	32	20
NPOESS-3	HRD	2020	2025	1330A	7834	32	20
NPOESS-4	HRD	2022	2027	0530D	7834	32	20
NPOESS-1	SMD	2013	2019	1330A	26700	300	150
NPOESS-2	SMD	2016	2021	0530D	26700	300	150
NPOESS-3	SMD	2020	2025	1330A	26700	300	150
NPOESS-4	SMD	2022	2027	0530D	26700	300	150
NOAA-15	APT	1998	2001	0730	137.5 / 137.62	.038	.0017
NOAA-15	BTX	1998	2001	0730	137.35 / 137.77	.046	.00832
NOAA-15	HRPT	1998	2001	0730	1702.5 (Omni)	2.66	.665
NOAA-15	GAC	1998	2001	0730	2247.5	5.32	2.66
NOAA-16	APT	2000	2004	1400	Failed	.038	.017
NOAA-16	BTX	2000	2004	1400	137.35 / 137.77	.046	.00832
NOAA-16	HRPT	2000	2004	1400	1702.5 (LHCP)	2.66	.665
NOAA-16	GAC/LAC	2000	2004	1400	1698 / 1702.5 (1707 Failed)	5.32	2.66
NOAA-17	APT	2002	2006	1000	137.50 / 137.62	.038	.017
NOAA-17	BTX	2002	2006	1000	137.35 / 137.77	.046	.00832
NOAA-17	HRPT	2002	2006	1000	1698 (RHCP)	2.66	.665
NOAA-17	GAC/LAC	2002	2006	1000	1698 / 1702.5 / 1707	5.32	2.66
NOAA-18	APT	2005	2009	1400	137.1 / 137.9125	.038	.017
NOAA-18	BTX	2005	2009	1400	137.35 / 137.77	.046	.00832
NOAA-18	HRPT	2005	2009	1400	1702.5 (LHCP)	2.66	.665
NOAA-18	GAC/LAC	2005	2009	1400	1698 / 1702.5 / 1707	5.32	2.66
NOAA-19	APT	2009	2013	1400	137.1 / 137.9125	.038	.017
NOAA-19	BTX	2009	2013	1400	137.35 / 137.77	.046	.00832
NOAA-19	HRPT	2009	2013	1400	1698 / 1707 (RHCP)	2.66	.665
NOAA-19	GAC/LAC	2009	2013	1400	1698 / 1702.5 / 1707	5.32	2.66
Meteor 3M N2	LRPT	2004	2011	1030	137.89 / 137.1	0.15	0.064
Meteor 3M N2	HRPT	2004	2011	1030	1700	2	0.665
Meteor 3M N2	Raw	2004	2011	1030	8192	32	15.36