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Table of artificial satellites launched in 1986

This list includes all artificial satellites launched in 1986. It was prepared from information provided by telecommunication administrations of ITU Member countries, the Committee on Space Research (COSPAR), national space research organizations, the International Frequency Registration Board (IFRB) of the ITU, and from details published in the specialized press. The data concerning the orbit parameters are the initial orbital data. Fragments or stages of rockets left over from launching operations and placed in orbit with the various spacecraft have not been included.

	A		COSMOS-1750	1986	42C	COSMOS-1793	1986	91A	MOLNYA-3 (28)	1986	31A	
AJISAI		1986	61A	COSMOS-1751	1986	42D	COSMOS-1794	1986	92A	MOLNYA-3 (29)	1986	49A
	B		COSMOS-1752	1986	42E	COSMOS-1795	1986	92B	MOLNYA-3 (30)	1986	79A	
BS-2B		1986	16A	COSMOS-1753	1986	42F	COSMOS-1796	1986	92C			
	C		COSMOS-1754	1986	42G	COSMOS-1797	1986	92D				
CHINA-18		1986	10A	COSMOS-1755	1986	42H	COSMOS-1798	1986	92E			
COSMOS-1715		1986	1A	COSMOS-1756	1986	43A	COSMOS-1799	1986	92F	NOAA-10	1986	73A
COSMOS-1716		1986	2A	COSMOS-1757	1986	45A	COSMOS-1800	1986	92G			
COSMOS-1717		1986	2B	COSMOS-1758	1986	46A	COSMOS-1801	1986	92H			
COSMOS-1718		1986	2C	COSMOS-1759	1986	47A	COSMOS-1802	1986	93A			
COSMOS-1719		1986	2D	COSMOS-1760	1986	48A	COSMOS-1803	1986	94A	POLAR BEAR	1986	88A
COSMOS-1720		1986	2E	COSMOS-1761	1986	50A	COSMOS-1804	1986	95A	PRC-19	1986	76A
COSMOS-1721		1986	2F	COSMOS-1762	1986	51A	COSMOS-1805	1986	97A	PROGRESS-25	1986	23A
COSMOS-1722		1986	2G	COSMOS-1763	1986	52A	COSMOS-1806	1986	98A	PROGRESS-26	1986	32A
COSMOS-1723		1986	2H	COSMOS-1764	1986	53A	COSMOS-1807	1986	99A			
COSMOS-1724		1986	4A	COSMOS-1765	1986	54A	COSMOS-1808	1986	100A			
COSMOS-1725		1986	5A	COSMOS-1766	1986	55A	COSMOS-1809	1986	101A			
COSMOS-1726		1986	6A	COSMOS-1767	1986	56A	COSMOS-1810	1986	102A	RADUGA-18	1986	7A
COSMOS-1727		1986	8A	COSMOS-1768	1986	58A				RADUGA-19	1986	82A
COSMOS-1728		1986	9A	COSMOS-1769	1986	59A	EGP	1986	61A			
COSMOS-1729		1986	11A	COSMOS-1770	1986	60A	EKRAN-15	1986	38A			
COSMOS-1730		1986	12A	COSMOS-1771	1986	62A						
COSMOS-1731		1986	13A	COSMOS-1772	1986	63A	FUJI	1986	61B	SATCOM-KU 1	1986	3B
COSMOS-1732		1986	15A	COSMOS-1773	1986	64A				SBTS-2	1986	26B
COSMOS-1733		1986	18A	COSMOS-1774	1986	65A				SOYUZ-T15	1986	22A
COSMOS-1734		1986	20A	COSMOS-1775	1986	66A				SOYUZ-TM 1	1986	35A
COSMOS-1735		1986	21A	COSMOS-1776	1986	67A	GORIZONT-12	1986	44A	SPOT-1	1986	19A
COSMOS-1736		1986	24A	COSMOS-1777	1986	70A	GORIZONT-13	1986	90A	STS-61 C	1986	3A
COSMOS-1737		1986	25A	COSMOS-1778	1986	71A	GSTAR-2	1986	26A			
COSMOS-1738		1986	27A	COSMOS-1779	1986	71B						
COSMOS-1739		1986	28A	COSMOS-1780	1986	71C				USA-15	1986	14A
COSMOS-1740		1986	29A	COSMOS-1781	1986	72A	JAS-1	1986	61B	USA-16	1986	14E
COSMOS-1741		1986	30A	COSMOS-1782	1986	74A	JINDAI	1986	61C	USA-17	1986	14F
COSMOS-1742		1986	33A	COSMOS-1783	1986	75A				USA-18	1986	14H
COSMOS-1743		1986	34A	COSMOS-1784	1986	77A				USA-19	1986	69A
COSMOS-1744		1986	36A	COSMOS-1785	1986	78A				USA-20	1986	96A
COSMOS-1745		1986	37A	COSMOS-1786	1986	80A	MABES	1986	61C			
COSMOS-1746		1986	40A	COSMOS-1787	1986	81A	METEOR-2 (14)	1986	39A			
COSMOS-1747		1986	41A	COSMOS-1788	1986	83A	MIR-1	1986	17A			
COSMOS-1748		1986	42A	COSMOS-1789	1986	84A	MOLNYA-1 (67)	1986	57A	VIKING	1986	19B
COSMOS-1749		1986	42B	COSMOS-1790	1986	85A	MOLNYA-1 (68)	1986	68A			
				COSMOS-1791	1986	86A	MOLNYA-1 (69)	1986	89A			
				COSMOS-1792	1986	87A	MOLNYA-1 (70)	1986	103A	YURI-2B	1986	16A

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Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1715	1986-1-A	USSR (Plesetsk)	8 Jan.	207 317	89.4 72.8		Recovered on 22 January 1986
Cosmos-1716 to Cosmos-1723	1986-2-A to 1986-2-H	USSR (Plesetsk)	9 Jan.	1447 1516	115 74		Government communication
STS-61C space shuttle <i>Columbia</i>	1986-3-A	United States NASA (Eastern Test Range)	12 Jan.	327 350	91.3 28.5		Re-usable spacecraft. Crew: R. L. Gibson, C. F. Bolden, F. R. Chang-Diaz, G. D. Nelson, S. A. Hawley, R. G. Center and C. W. Nelson. Landed at Edwards Air Force Base on 18 January 1986. In addition to <i>Satcom KU-1</i> the payload included the materials science laboratory 2, infrared imaging experiment, initial blood-storage experiment, Comet Halley Active Monitoring Experiment (CHAMP), etc.
Satcom KU-1	1986-3-B	United States RCA American Communications, Inc. launched from <i>STS-61C</i>	12 Jan.	35 783 35 793	1436.2 0.1		Commercial communications
Cosmos-1724	1986-4-A	USSR	15 Jan.	179 358	89.5 67.2		Recovered on 15 March 1986
Cosmos-1725	1986-5-A	USSR	16 Jan.	989 1016	104.9 82.9		Navigation
Cosmos-1726	1986-6-A	USSR	17 Jan.	649 676	97.7 82.5		
Raduga-18 3-axis stabilized; 5 tonnes; solar panels	1986-7-A	USSR (Baikonur)	17 Jan.	35 769 35 805 in geostationary-satellite orbit	1476 1.2	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1727	1986-8-A	USSR	23 Jan.	982 1029	104.9 82.6		

Cosmos-1728	1986-9-A	USSR	28 Jan.	214 305	89.4 70		Recovered on 11 February 1986
China-18	1986-10-A	China	1 Feb.	in geostationary-satellite orbit			Telecommunication
Cosmos-1729	1986-11-A	USSR	1 Feb.	614 39342	709 62.8		
Cosmos-1730	1986-12-A	USSR	4 Feb.	206 333	89.5 72.9		Recovered on 13 February 1986
Cosmos-1731	1986-13-A	USSR	7 Feb.	191 293	89 65		Decayed on 30 October 1986
USA-15 to USA-18	1986-14-A, 14-E, 14-F and 14-H	United States US Air Force (Western Test Range)	9 Feb.				
Cosmos-1732	1986-15-A	USSR	11 Feb.	1497 1538	116 73.6		
BS-2B (Yuri-2B)	1986-16-A	Japan National Space Development Agency (Tanegashima)	12 Feb.	35776 35796	1436.1 0.6	2.28072 GHz 1.3 W 14/12 GHz band	Direct broadcasting television. Digital transmission of high definition television and super high fidelity sound radio
Mir-1	1986-17-A	USSR (Baikonur)	19 Feb.	324 352	91.6 51.6	143.625 MHz BW 20 kHz 166 MHz BW 20 kHz, 20 kHz 64.1 MHz BW 20 kHz	Permanently-manned space-station capable of docking six spacecraft simultaneously
Cosmos-1733	1986-18-A	USSR	19 Feb.				
Spot-1 1830 kg	1986-19-A	France Centre national d'études spatiales (Kourou)	22 Feb.	813.3 833.3	101.8 98.77		Earth imaging
Viking 536 kg	1986-19-B	Sweden Swedish Space Corporation (Kourou)	22 Feb.	800 15000	261.6 98.7		

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1734	1986-20-A	USSR	26 Feb.	176 371	89.6 67.1		Recovered on 26 April 1986
Cosmos-1735	1986-21-A	USSR	27 Feb.	416 440	92.8 65		Decayed on 17 November 1986
Soyuz-T15 6850 kg; length 7.94 m; 2 solar panels	1986-22-A	USSR (Baikonur)	13 March	240 298	89.7 51.6		Crew: L. D. Kizim (Commander), B. A. Solovov (Flight Engineer). After docking with <i>Mir-1</i> on 14 March 1986, crew moved to the latter and prepared its equipment for operation. Returned to Earth on 16 July 1986
Progress-25 modified <i>Soyuz</i> spacecraft without the descent section; 7 tonnes at launch	1986-23-A	USSR (Baikonur)	19 March	189 268	88.8 51.6		Expendable supply craft. Docked with <i>Mir-1/Soyuz-T15</i> complex on 21 March 1986. Disintegrated on re-entry on 21 April 1986
Cosmos-1736	1986-24-A	USSR	21 March	255 278	89.6 65		
Cosmos-1737	1986-25-A	USSR	25 March	230 442	91 73		Decayed on 3 December 1986
GSTAR-2	1986-26-A	United States GTE Spacenet (Kourou)	28 March	35 786 35 788 in geostationary-satellite orbit at 103° W	1436.2 0.0	14/12 GHz band	National communication
SBTS-2	1986-26-B	Brazil EMBRATEL (Kourou)	28 March	35 761 35 814 in geostationary-satellite orbit at 65° W	1436.2 0.1	6/4 GHz band	National communication
Cosmos-1738	1986-27-A	USSR	4 April	36 560	1477 1.4		
Cosmos-1739	1986-28-A	USSR	9 April	182 352	89.5 64.9		Recovered on 7 June 1986
Cosmos-1740	1986-29-A	USSR	15 April	208 396	90.2 72.9		Recovered on 28 April 1986

Cosmos-1741	1986-30-A	USSR	18 April	784 824	100.8 74		
Molnya-3 (28) 3-axis stabilized; 1500 kg	1986-31-A	USSR (Plesetsk)	18 April	638 40664	736 62.9	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications
Progress-26 modified Soyuz spacecraft without the descent section; 7 tonnes at launch	1986-32-A	USSR (Baikonur)	23 April	190 274	88.8 51.6		Expendable supply craft. Docked with <i>Mir-1</i> on 27 April 1986 and delivered fuel, research materials and supplies for the crew. After undocking, it disintegrated on re-entry on 23 June 1986
Cosmos-1742	1986-33-A	USSR	14 May	209 388	90.1 73		Recovered on 28 May 1986
Cosmos-1743	1986-34-A	USSR	15 May	657 678	97.8 82.6		
Soyuz-TM 1	1986-35-A	USSR (Baikonur)	21 May	200 240	88.7 51.6		Improved version of <i>Soyuz-T</i> spacecraft. It carried no crew but can transport up to three cosmonauts. Docked with <i>Mir-1</i> on 23 May, undocked on 29 May and was recovered on 30 May 1986
Cosmos-1744	1986-36-A	USSR	21 May	227 395	90.4 62.8		Recovered on 4 June 1986
Cosmos-1745	1986-37-A	USSR	23 May	984 1024	104.9 83		Navigation
Ekran-15 3-axis stabilized; 5 tonnes; solar cells	1986-38-A	USSR (Baikonur)	24 May	33 500 in geostationary-satellite orbit	1424 0.3	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television relay
Meteor-2 (14) 2750 kg	1986-39-A	USSR (Plesetsk)	27 May	953 974	104.1 82.5		Meteorology
Cosmos-1746	1986-40-A	USSR	28 May	195 308	89.2 82.3		Recovered on 12 June 1986
Cosmos-1747	1986-41-A	USSR	29 May	217 420	90.6 70.4		Recovered on 12 June 1986

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1748 to Cosmos-1755 40 kg each	1986-42-A to 1986-42-H	USSR (Plesetsk)	6 June	1444 1506	115.1 74		Government communication
Cosmos-1756	1986-43-A	USSR (Baikonur)	6 June	182 368	89.7 64.9		Recovered on 4 August 1986
Gorizont-12 3-axis stabilized	1986-44-A	USSR (Baikonur)	10 June	36 540 35 760 in geostationary-satellite orbit	1436 1.5	3.4-3.9 GHz (reception) 5.7-6.2 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1757	1986-45-A	USSR	11 June	189 252	88.6 82.3		Recovered on 25 June 1986
Cosmos-1758	1986-46-A	USSR	12 June	644 682	97.8 82.5		
Cosmos-1759	1986-47-A	USSR	18 June	985 1016	104.9 82.9		
Cosmos-1760	1986-48-A	USSR	19 June	218 421	90.6 70		Recovered on 3 July 1986
Molnya-3 (29) 3-axis stabilized; 1500 kg	1986-49-A	USSR (Plesetsk)	19 June	640 40 679	736 62.9	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1761	1986-50-A	USSR	5 July	607 39 325	709 63		
Cosmos-1762	1986-51-A	USSR	10 July	196 304	89.2 82.6		Recovered on 24 July 1986
Cosmos-1763	1986-52-A	USSR	16 July	761 814	100.5 74.1		
Cosmos-1764	1986-53-A	USSR	17 July	182 368	89.7 64.9		Recovered on 11 September 1986

Cosmos-1765	1986-54-A	USSR	24 July	207 395	90.2 72.9		Recovered on 7 August 1986
Cosmos-1766	1986-55-A	USSR	29 July	648 679	97.8 82.5		
Cosmos-1767	1986-56-A	USSR	30 July	190 226	88.5 64.9		Recovered on 16 August 1986
Molnya-1 (67) hermetically sealed cylinder with conical ends; 1000 kg; 6 solar panels	1986-57-A	USSR (Plesetsk)	30 July	658 40 615	736 62.9	800 MHz band 40 W (reception) 1000 MHz band (emission) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Cosmos-1768	1986-58-A	USSR	2 Aug.	199 303	89.2 82.6		Recovered on 16 August 1986
Cosmos-1769	1986-59-A	USSR	4 Aug.	438 456	93.3 65.0		<i>degraded on 18 February 88</i>
Cosmos-1770	1986-60-A	USSR	6 Aug.	189 302	89.0 64.8		<i>degraded on 2 February 87</i>
EGP (Ajisai)	1986-61-A	Japan National Space Development Agency (Tanegashima)	12 Aug.	1500 1500	116 50		Experimental Geodetic Satellite
JAS-1 (Fuji)	1986-61-B	Japan Japanese Amateur Radio Society (Tanegashima)	12 Aug.	1500 1500	116 50	435.795 MHz 100 mW 435.910 MHz 1 W	Japan Amateur Satellite
MABES (Jindai)	1986-61-C	Japan (Tanegashima)	12 Aug.	1500 1500	116 50	136.112 MHz 1.2 W	MAgnetic Bearing flywheel Experimental System
Cosmos-1771	1986-62-A	USSR	20 Aug.	254 278	89.6 65.0		
Cosmos-1772	1986-63-A	USSR	21 Aug.	210 370	90.0 72.9		Recovered on 3 September 1986

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1773	1986-64-A	USSR	27 Aug.	181 366	89.7 64.9		Recovered on 21 October 1986
Cosmos-1774	1986-65-A	USSR	28 Aug.	614 39 342	709 62.8		
Cosmos-1775	1986-66-A	USSR	3 Sept.	216 405	90.4 70.3		Recovered on 17 September 1986
Cosmos-1776	1986-67-A	USSR	3 Sept.	478 521	94.5 74.0		
Molnya-1 (68) hermetically sealed cylinder with conical ends; 1000 kg; 6 solar panels	1986-68-A	USSR (Plesetsk)	5 Sept.	645 40 558	735 63	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
USA-19	1986-69-A	United States Department of Defense	5 Sept.	148 241	88.4 39.0		Decayed on 28 September 1986
Cosmos-1777	1986-70-A	USSR	10 Sept.	781 819	100.8 74		
Cosmos-1778 to Cosmos-1780	1986-71-A to 1986-71-C	USSR	16 Sept.	19 123	675 64.8		Scientific instruments for checking the space navigation system created to assist in the location determination of civil aircraft and sea vessels of the USSR
Cosmos-1781	1986-72-A	USSR	17 Sept.	217 405	90.4 70.4		Scientific instruments for space research. Recovered on 1 October 1986
NOAA-10	1986-73-A	United States National Oceanic and Atmospheric Administration (Western Test Range)	17 Sept.	808 826	101.2 98.7		Objective: to acquire daily global weather information for the short and long term forecasting needs of the United States National Weather Service

Cosmos-1782	1986-74-A	USSR	30 Sept.	650 677	97.8 82.5		Recovered on 17 September 1986
Cosmos-1783	1986-75-A	USSR	3 Oct.	613 20 045	358 65.8		
PRC-19	1986-76-A	China (Jiuquan)	6 Oct.	172 387	89.5 57.0		Earth observation. Recovered on 23 October 1986
Cosmos-1784	1986-77-A	USSR	6 Oct.	203 305	89.3 64.8		Space research. Recovered on 11 November 1986
Cosmos-1785	1986-78-A	USSR	15 Oct.	608 39 300	708 62.8		Exploration of outer space
Molnya-3 (30) 3-axis stabilized; 1500 kg	1986-79-A	USSR (Plesetsk)	20 Oct.	645 38 988	703 62.9	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1786	1986-80-A	USSR	22 Oct.	190 2589	113.3 64.9		Exploration of outer space <i>deceased on 6 March 1988</i>
Cosmos-1787	1986-81-A	USSR	22 Oct.	215 290	89.3 70.0		Exploration of outer space. Recovered on 4 November 1986
Raduga-19 3-axis stabilized; 5 tonnes; solar panels	1986-82-A	USSR	25 Oct.	36 618	1479 1.3	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1788	1986-83-A	USSR	27 Oct.	472 520	94.5 65.9		Exploration of outer space
Cosmos-1789	1986-84-A	USSR	31 Oct.	196 316	89.3 82.6		Space research. Recovered on 14 November 1986
Cosmos-1790	1986-85-A	USSR	4 Nov.	207 315	89.4 72.9		Space research. Recovered on 18 November 1986
Cosmos-1791	1986-86-A	USSR	13 Nov.	972 1026	105 83		Space research

Code name Spacecraft description	International number	Country Organization Site of launching	Date	Initial orbital data		Frequencies Transmitter power	Observations
				Perigee (km) Apogee (km)	Period (min) Inclination (degree)		
Cosmos-1792	1986-87-A	USSR	13 Nov.	181 357	89.6 64.9		Space research <i>decayed on 5 Jan. 88</i>
Polar Bear	1986-88-A	United States	14 Nov.	960 1015	104.9 89.6	<i>Telemetry: 148, 980, 970 Amplitude Modulated x 22.846 (3.7, 137, 676)</i>	Study of atmospheric effects on electromagnetic propagation <i>413, 028, 435, 974</i>
Molnya-1 (69) hermetically-sealed cylinder with conical ends; 1000 kg; 6 solar panels	1986-89-A	USSR (Plesetsk)	15 Nov.	469 40 817	736 62.5	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Gorizont-13 3-axis stabilized	1986-90-A	USSR (Baikonur)	18 Nov.	35 824 in geostationary-satellite orbit	1437 1.4	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television and multichannel radiocommunications
Cosmos-1793	1986-91-A	USSR	20 Nov.	611 39 323	709 63		Space research
Cosmos-1794	1986-92-A	USSR	21 Nov.	1464 1498	115.6 74		Space research
Cosmos-1795	1986-92-B	USSR	21 Nov.	1464 1480	115.4 74		Space research
Cosmos-1796	1986-92-C	USSR	21 Nov.	1454 1475	115.2 74		Space research
Cosmos-1797	1986-92-D	USSR	21 Nov.	1442 1470	115.0 74		Space research
Cosmos-1798	1986-92-E	USSR	21 Nov.	1427 1470	114.9 74		Space research
Cosmos-1799	1986-92-F	USSR	21 Nov.	1412 1470	114.7 74		Space research
Cosmos-1800	1986-92-G	USSR	21 Nov.	1397 1470	114.5 74		Space research
Cosmos-1801	1986-92-H	USSR	21 Nov.	1384 1468	114.4 74		Space research

Cosmos-1802	1986-93-A	USSR	24 Nov.	985 1038	105 83		Space research
Cosmos-1803	1986-94-A	USSR	2 Dec.	1502 1527	116 82.6		
Cosmos-1804	1986-95-A	USSR	4 Dec.	210 448	90.8 70		Recovered on 18 December 1986
USA-20	1986-96-A	United States Department of Defense	5 Dec.	35 326 35 860	1426.3 5.3		
Cosmos-1805	1986-97-A	USSR	10 Dec.	649 675	97.8 82.5		
Cosmos-1806	1986-98-A	USSR	12 Dec.	612 39 307	708 63		
Cosmos-1807	1986-99-A	USSR	16 Dec.	177 370	89.6 67		<i>degraded on 23 January 77</i>
Cosmos-1808	1986-100-A	USSR	17 Dec.	995 1033	105 83		
Cosmos-1809	1986-101-A	USSR	18 Dec.	960 980	104.2 82.5		
Cosmos-1810	1986-102-A	USSR	26 Dec.	189 302	89.1 65		<i>degraded on 4 September 77</i>
Molnya-1 (70) hermetically sealed cylinder with conical ends; 1000 kg; 6 solar panels	1986-103-A	USSR	26 Dec.	484 39 075	701 63	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications

The following satellites have decayed since the preparation of the "Table of artificial satellites launched in 1985" published in June 1986

satellite	international number	decay
Transit-5A	1962-71-A	25 September 1986
Molnya-1 (28)	1974-81-A	29 December 1985
Molnya-3 (1)	1974-92-A	15 May 1986
Molnya-2 (12)	1975-9-A	4 July 1985
OSO-8	1975-57-A	9 July 1986
Molnya-1 (31)	1975-79-A	19 November 1985
Molnya-3 (4)	1975-125-A	12 August 1986
OPS-3986	1976-65-B	24 April 1986
Cosmos-1423	1982-115-A	18 January 1986
Exosat	1983-51-A	6 May 1986
Nusat-1	1985-34-B	15 December 1986
Cosmos-1706	1985-112-A	9 February 1986
Cosmos-1713	1985-120-A	22 January 1986
Cosmos-1714	1985-121-A	27 February 1986
Cosmos-1715	1986-1-A	22 January 1986
STS-61C	1986-3-A	18 January 1986
Cosmos-1724	1986-4-A	15 March 1986
Cosmos-1728	1986-9-A	11 February 1986
Cosmos-1730	1986-12-A	13 February 1986
Cosmos-1731	1986-13-A	3 October 1986
Cosmos-1734	1986-20-A	26 April 1986
Soyuz-T15	1986-22-A	16 July 1986
Progress-25	1986-23-A	21 April 1986
Cosmos-1737	1986-25-A	3 December 1986
Cosmos-1739	1986-28-A	7 June 1986

satellite	international number	decay
Cosmos-1740	1986-29-A	28 April 1986
Progress-26	1986-32-A	23 June 1986
Cosmos-1742	1986-33-A	28 May 1986
Soyuz-TM 1	1986-35-A	30 May 1986
Cosmos-1744	1986-36-A	4 June 1986
Cosmos-1746	1986-40-A	12 June 1986
Cosmos-1747	1986-41-A	12 June 1986
Cosmos-1756	1986-43-A	4 August 1986
Cosmos-1757	1986-45-A	25 June 1986
Cosmos-1760	1986-48-A	3 July 1986
Cosmos-1762	1986-51-A	24 July 1986
Cosmos-1764	1986-53-A	11 September 1986
Cosmos-1765	1986-54-A	7 August 1986
Cosmos-1767	1986-56-A	16 August 1986
Cosmos-1768	1986-58-A	16 August 1986
Cosmos-1772	1986-63-A	3 September 1986
Cosmos-1773	1986-64-A	21 October 1986
Cosmos-1775	1986-66-A	17 September 1986
USA-19	1986-69-A	28 September 1986
Cosmos-1781	1986-72-A	1 October 1986
PRC-19	1986-76-A	23 October 1986
Cosmos-1784	1986-77-A	11 November 1986
Cosmos-1787	1986-81-A	4 November 1986
Cosmos-1789	1986-84-A	14 November 1986
Cosmos-1790	1986-85-A	18 November 1986

LIST OF GEOSTATIONARY SPACE STATIONS
BY ORBITAL POSITIONS

(RR 1042, RR 1060, RR 1488-1491)

(31.12.1986)

Orbital position	Space station	Frequency bands GHz																	
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
178.0 W A	USA USASAT-13K				4		6												
175.0 W A	PNG PACSTAR A-2		1																
175.0 W A	PNG PACSTAR-2				4		6				12		14						
171.0 W N	USA TDRS WEST			2									14	15					
170.0 W N	URS GALS-4						7	8											
170.0 W C	URS LOUTCH P4								11			14							
170.0 W N	URS STATIONAR-10				4	5	6												
170.0 W A	URS STATIONAR-D2				4		6												
170.0 W A	URS TOR-5														18	19	20	45	
170.0 W C	URS VOLNA-7	0	1																
169.5 W A	URS FOTON-3				4		6												
168.0 W N	URS POTOK-3				4														
160.0 W N	URS ESDRN								11			14							
159.0 W A	URS PROGNOZ-7			2	4														
149.0 W N	USA ATS-1	0			4		6							17					
146.0 W A	MEX AMIGO-2										12								
145.0 W A	MEX MORELOS 4				4		6				12		14						
145.0 W A	URS VOLNA-21M		1																
145.0 W A	USA FLTSATCOM-A PAC	0					7	8											
144.0 W A	USA USASAT-20B				4		6												
143.0 W A	USA US SATCOM 2-R				4		6												
143.0 W N	USA US SATCOM 5				4		6												
141.0 W A	MEX MORELOS 3				4		6				12		14						
141.0 W A	USA USASAT-17C				4		6												
139.0 W N	USA US SATCOM 1-R				4		6												
137.0 W A	USA USASAT-17B				4		6												
136.0 W A	MEX AMIGO-1										12			17					
136.0 W A	USA USASAT-16D										12		14						
135.0 W N	USA GOES WEST	0	1	2															
135.0 W N	USA US SATCOM-1				4		6												
135.0 W N	USA USGCCS PH2 E PAC						7	8											
135.0 W N	USA USGCCS PH3 E PAC				C2		7	8											
134.0 W N	USA USASAT-11D				4		6												
134.0 W A	USA USASAT-16C										12		14						
132.0 W A	USA USASAT-11C										12		14						
131.0 W N	USA US SATCOM 3-R				4		6												
130.0 W A	USA ACS-3		1																
130.0 W A	USA USASAT-10D										12		14						
130.0 W A	USA USRDSS WEST		1	2		5	6												
128.0 W A	USA ACS-1				4		6				12		14						
128.0 W N	USA COMSTAR D-1				4		6												
126.0 W A	USA USASAT-10C										12		14						
126.0 W A	USA USASAT-20A				4		6												
124.0 W A	USA USASAT-10B										12		14						
123.5 W N	USA WESTAR-2				4		6												

Orbital position	Space station	Frequency bands GHz																	
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
123.0 W N	USA WESTAR-5				4		6												
122.0 W C	USA USASAT-10A											12		14					
120.0 W C	USA SPACENET-1				4		6					12		14					
119.0 W N	USA US SATCOM-2				4		6												
117.5 W N	CAN ANIK C-3												12		14				
116.5 W N	MEX MORELOS 2				4		6					12		14					
113.5 W N	MEX MORELOS 1				4		6					12		14					
110.5 W A	CAN TELESAT E-B				4		6					12		14					
110.0 W N	CAN ANIK C-2												12		14				
109.0 W N	CAN ANIK B-1				4		6						12		14				
108.0 W N	CAN ANIK D-2				4		6												
107.5 W N	CAN ANIK C-1												12		14				
107.5 W A	CAN TELESAT E-A				4		6						12		14				
106.5 W A	CAN MSAT	0	1	2									11	12	13	14			
106.0 W A	USA GSTAR-1													12		14			
105.0 W N	USA ATS-5	0	1																
104.5 W N	CAN ANIK D-1				4		6												
103.0 W A	USA GSTAR-2												12		14				
101.0 W A	USA USASAT-16B												12		14				
101.0 W C	USA USASAT-17A																		
100.0 W A	USA ACS-1			1															
100.0 W A	USA ACTS																19	20	30
100.0 W N	USA FLTSATCOM E PAC	0						7	8										
100.0 W A	USA FLTSATCOM A1 PAC	0						7	8									20	44
100.0 W A	USA USRDSS CENTRAL		1	2		5	6												
99.0 W N	USA USASAT-6B													12		14			
99.0 W N	USA WESTAR-1				4		6												
99.0 W N	USA WESTAR-4				4		6												
97.0 W A	CUB STSC-2				4		6												
97.0 W C	USA TELSTAR-3A				4		6												
97.0 W N	USA USASAT-6A													12		14			
95.0 W N	USA COMSTAR D-2				4		6												
95.0 W N	USA USASAT-6C													12		14			
93.5 W N	USA USASAT-12B				4		6												
93.0 W A	USA USASAT-16A													12		14			
91.0 W A	USA ADV. WESTAR 1				4		6							12		14			
91.0 W C	USA USASAT-9A													12		14			
91.0 W A	USA WESTAR 6-S				4		6												
91.0 W N	USA WESTAR-3				4		6												
89.0 W A	ASETA CONDOR-B				4		6												
88.5 W C	USA SPACENET-3				4		6							12		14			
88.5 W A	USA USASAT-12D				4		6												
87.0 W N	USA COMSTAR D-3				4		6												
87.0 W A	USA TELSTAR-3B				4		6												
87.0 W A	USA USASAT-9B															12		14	
86.0 W N	USA ATS-3	0																	

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Orbital position	Space station	Frequency bands GHz																		
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20	
86.0 W C	USA USASAT-3C				4		6													
85.0 W A	ARG NAHUEL-2				4		6													
85.0 W A	USA USASAT-9C									12		14								
83.0 W A	CUB STSC-1				4		6													
83.0 W N	USA USASAT-7B				4		6													
83.0 W A	USA USASAT-9D									12		14								
81.0 W C	USA USASAT-7D				4		6			12		14								
80.0 W A	ARG NAHUEL-1				4		6			12		14								
79.0 W N	USA TDRS CENTRAL			2								14	15							
79.0 W A	USA TDRS-C2			2								14								
79.0 W A	USA USASAT-11A									12		14								
79.0 W C	USA USASAT-12A				4		6													
77.5 W A	ASETA CONDOR-A				4		6													
77.0 W A	USA USASAT-11B									12		14								
76.0 W C	USA USASAT-12C				4		6													
75.4 W N	CLM SATCOL-1A				4		6													
75.4 W N	CLM SATCOL-1B				4		6													
75.0 W N	CLM SATCOL-2				4		6													
75.0 W N	USA GOES EAST	0	1	2																
75.0 W A	USA USASAT-18A									12		14								
74.0 W C	USA USASAT-7A				4		6													
73.0 W A	USA USASAT-18B									12		14								
72.0 W A	ASETA CONDOR-C				4		6													
72.0 W A	USA ACS-2			1																
72.0 W C	USA USASAT-8B				4		6													
71.0 W A	USA USASAT-18C									12		14								
70.0 W N	B SBTS A1				4		6													
70.0 W A	USA FLTSATCOM-B W AT1																20	44		
70.0 W A	USA USRDSS EAST			1	2		5	6												
69.0 W C	USA USASAT-7C				4		6			12		14								
67.0 W C	USA USASAT-8A				4		6													
66.0 W A	USA USASAT-15D									12		14								
65.0 W N	B SBTS A2				4		6													
64.0 W C	USA USASAT-14D				4		6													
64.0 W A	USA USASAT-15C									12		14								
62.0 W C	USA USASAT-14C				4		6													
62.0 W A	USA USASAT-15B									12		14								
62.0 W A	USA USASAT-8B				4		6													
60.0 W A	USA USASAT-15A									12		14								
60.0 W A	USA USASAT-17D				4		6													
58.0 W C	USA USASAT-13E									11	12	14								
58.0 W A	USA USASAT-8C				4		6													
57.0 W A	USA USASAT-13H				4		6			11										
56.0 W C	USA USASAT-13D									11	12	14								
56.0 W C	USAIT INTELSAT IBS 304E				4		6			11	12	14								
56.0 W C	USAIT INTELSAT5A 304E				4		6			11		14								
55.0 W A	G INM INMARSAT AOR-WEST			1	4		6													
55.0 W A	USA USASAT-14B				4		6													
53.0 W C	USAIT INTELSAT IBS 307E				4		6			11	12	14								

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Orbital position	Space station	Frequency bands GHz																				
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20			
53.0 W N	USAIT INTELSAT4A AT1-3				4		6															
53.0 W N	USAIT INTELSAT5 CONF1				4		6					11							14			
53.0 W C	USAIT INTELSAT5A CONF1				4		6					11							14			
53.0 W A	USAIT INTELSAT6 307F				4	5	6					11							14			
52.5 W A	USA USGCSS PH3 W AT1			C2						7	8											
50.0 W C	USA USASAT-13C											11							14			
50.0 W C	USAIT INTELSAT IBS 309E				4		6					11	12						14			
50.0 W C	USAIT INTELSAT4A AT1-2				4		6															
50.0 W N	USAIT INTELSAT5 CONF2				4		6					11							14			
50.0 W C	USAIT INTELSAT5A CONF2				4		6					11							14			
50.0 W A	USAIT INTELSAT6 310E				4	5	6					11							14			
47.0 W C	USA USASAT-13B											11							14			
47.0 W A	USA USASAT-13J				4		6															
45.0 W C	USA USASAT-13F											11	12						14			
45.0 W A	USA USASAT-13I				C4		C6					11										
43.5 W C	F VIDEOSAT-3			2															14			
43.0 W C	USA USASAT-13G											11	12						14			
42.5 W A	USA USGCSS PH3 MID-AT1			2								7	8									
41.0 W N	USA TDRS EAST			2													14	15				
41.0 W C	USA USASAT-14A				4		6															
40.5 W C	USAIT INTELSAT IBS 319-51				4		6					11	12						14			
40.5 W C	USAIT INTELSAT5A 319-51				4		6					11							14			
37.5 W C	F VIDEOSAT-2			2									12						14			
37.5 W C	USA USASAT-13A												11						14			
34.5 W N	USAIT INTELSAT5 AT1-4				4		6					11							14			
34.5 W C	USAIT INTELSAT5A AT1-3				4		6					11							14			
34.5 W A	USAIT INTELSAT6 324-51				4	5	6					11							14			
33.0 W A	G SKYNET 4D	0										7	8						45			
31.0 W C	G UNISAT-1																					
31.0 W C	G UNISAT-1 AT1												12				14	17				
31.0 W A	IRI FIRESAT-1												12				14					
31.0 W N	USAIT INTELSAT4A AT1-4				4		6						11		13							
31.0 W C	USAIT INTELSAT5 AT1-6				4		6						11						14			
31.0 W C	USAIT INTELSAT5A AT1-6				4		6						11						14			
27.5 W N	USAIT INTELSAT5 AT1-3				4		6						11						14			
27.5 W N	USAIT INTELSAT5A AT1-2				4		6						11						14			
27.5 W C	USAIT INTELSAT6 332-51				4	5	6						11						14			
26.5 W N	URS GALS-1												7	8								
26.5 W C	URS STATIONAR-17				4	5	6															
26.5 W A	URS STATIONAR-DE				4		6															
26.5 W A	URS TOR-1																	18	19	20	45	
26.5 W A	URS VOLNA-13	0	1																			
26.0 W N	F MRS MARECS AT1-1	0	1		4		6															
26.0 W C	G INM INMARSAT AOR-CENTRAL			1	4		6															
25.0 W C	URS GALS-9												7	8								
25.0 W C	URS LOUTCH PI												11						14			
25.0 W A	URS TOR-9																		18	19	20	45
25.0 W C	URS VOLNA-1	0	1																			
25.0 W A	URS VOLNA-1A	0	1																			

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Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
25.0 W A	URS	VOLNA-1M	1																	
25.0 W N	URSIK	STATIONAR-8																		
24.5 W N	USAIT	INTELSAT5 ATL1			4	5														
24.5 W N	USAIT	INTELSAT5A ATL1			4		6			11			14							
24.5 W C	USAIT	INTELSAT6 335.5E			4	5	6			11			14							
24.0 W A	G INM	INMARSAT AOR-CENTRAL 2	1		4		6													
24.0 W N	URS	PROGNOZ-1			2															
23.0 W C	F MRS	MARECS ATL2	0	1		4		6												
23.0 W N	USA	FLTSATCOM ATL	0					7	8											
23.0 W A	USA	FLTSATCOM-A ATL	0					7	8											
23.0 W A	USA	FLTSATCOM-B E ATL																	20	44
21.5 W C	USAIT	INTELSAT MCS ATL C	1		4		6													
21.5 W N	USAIT	INTELSAT4A ATL1			4		6													
21.5 W C	USAIT	INTELSAT5 ATL5			4		6			11			14							
21.5 W C	USAIT	INTELSAT5A 338.5E			4		6			11			14							
20.0 W C	LUX	GDL-4					6			11	12		14							
19.0 W N	D	TV-SAT			2						12					17				
19.0 W N	F	TDF-1		C2						11					17					
19.0 W A	F	TDF-2		2						11	12				17					
19.0 W N	F LST	L-SAT		2						12	13	C14			17		19	20	30	
19.0 W A	I	SARIT		2						11	13				17	18		20	30	
19.0 W A	LUX	LUX-SAT								12					17					
19.0 W A	SUI	HELVESAT-1								12					17					
18.5 W N	USA	INTELSAT MCS ATL A	1		4		6													
18.5 W C	USAIT	INTELSAT IBS 341.5E			4		6			11	12		14							
18.5 W N	USAIT	INTELSAT5 ATL2			4		6			11			14							
18.5 W C	USAIT	INTELSAT5A ATL4			4		6			11			14							
18.0 W N	BEL	SATCOM PHASE-3					7	8												
18.0 W N	BEL	SATCOM-2					7	8												
16.5 W C	USAIT	INTELSAT IBS 343.5E			4		6			11	12		14							
16.5 W C	USAIT	INTELSAT4A 343.5E			4		6													
16.5 W C	USAIT	INTELSAT5 343.5E			4		6			11			14							
16.5 W C	USAIT	INTELSAT5A 343.5E			4		6			11			14							
16.0 W N	URS	WSDRN								11			14							
16.0 W C	URS	ZSSRD-2								11	12	13	14							
15.0 W C	G INM	INMARSAT AOR-EAST	1		4		6													
15.0 W A	URS	FOTON-1			4		6													
15.0 W A	URS	STATIONAR-23			4		6													
15.0 W N	USA	MARISAT-ATL	0	1		4		6												
14.0 W A	URS	GOMS-1	0	1	2			7	8										20	28
14.0 W N	URS	LOUTCH-1								C11			C14							
14.0 W A	URS	MORE-14			1		4		6											
14.0 W N	URS	VOLNA-2			1															
14.0 W N	URSIK	STATIONAR-4			C4		6													
13.5 W N	URS	POTOK-1			4															
12.5 W A	F	MAROTS-B	0	1																
12.0 W C	F HIP	HIPPARCOS			2															
12.0 W N	USA	USGCCS PH2 ATL						7	8											
12.0 W N	USA	USGCCS PH3 ATL			C2			7	8											

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Orbital position	Space station		Frequency bands GHz																							
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20						
11.0 W C	F	F-SAT 2			2														12	14	20	30				
11.0 W A	URS	LOUTCH-6																	11		14					
11.0 W N	URS	STATIONAR-11			C4		6																			
8.0 W A	F	TELECOM 2A			2	4		6	7	8			12		14											
8.0 W N	F	TELECOM-1A			2	4		6	7	8			12		14											
5.0 W A	F	TELECOM 2B			2	4		6	7	8			12		14											
5.0 W N	F	TELECOM-1B			2	4		6	7	8			12		14											
3.0 W A	URS	GALS-11								7	8															
3.0 W A	URS	STATIONAR-22																								
3.0 W A	URS	TOR-11																			19	20	42			
1.0 W C	G	SKYNET-4A	0																7	8		44				
1.0 W C	USAIT	INTELSAT4A AH 2																	4	6						
1.0 W N	USAIT	INTELSAT5 CONT4																	4	6	11	14				
1.0 W C	USAIT	INTELSAT5A CONT4																	4	6	11	14				
0.0 E N	F GEO	GEOS-2	0																							
0.0 E N	F MET	METEOSAT	0	1	2																					
0.0 E A	G	SKYNET-A	0																	7	8	44				
1.0 E C	LUX	GDL-5																	6	11	12	13	14			
3.0 E A	F	TELECOM 2C			2	4		6	7	8			12		14											
3.0 E C	F	TELECOM-1C			2	4		6	7	8			12		14											
5.0 E N	F OTS	OTS	0																11		14					
5.0 E C	S NOT	TELE-X			2															12	14	17				
6.0 E C	G	SKYNET-4B	0																	7	8	44				
7.0 E C	F	F-SAT 1			2	4		6														20	30			
7.0 E N	F EUT	EUTELSAT 1-3																		11	12	14				
7.0 E A	F EUT	EUTELSAT 2-71			2																					
8.0 E C	URS	GALS-7																		7	8					
8.0 E C	URS	STATIONAR-18																		4	5	6				
8.0 E A	URS	TOR-8																				18	19	20	45	
8.0 E A	URS	VOLNA-15	0	1																						
10.0 E A	F	APEX			C2	C4		C6															C20	C30		
10.0 E N	F EUT	EUTELSAT 1	0																	C11	C12		C14			
12.0 E N	URS	PROGNOZ-2			2																					
13.0 E N	F EUT	EUTELSAT 1-2	0																	C11	C12		C14			
13.0 E A	F EUT	EUTELSAT 2-131			2																					
13.0 E A	I	ITALSAT			C2																	18	C19	C20	C40	
14.0 E A	NIG	NIGERIA-1																								
15.0 E C	ISR	AMS-1																		4	6	11	14			
15.0 E C	ISR	AMS-2																		4	6	11	14			
15.0 E A	URS	GALS-12																			7	8				
15.0 E A	URS	TOR-12																					19	20	42	
16.0 E A	F	EUTELSAT 1-4	0																		C11	C12		C14		
16.0 E A	I	SICRAL-1A	0																		7	8	12	14		
17.0 E A	ARS	SABS 1-2																			11		14			
17.0 E N	ARS	SABS-1																			11		14			
19.0 E N	ARSARB	ARABSAT 1-A			2	4		6																		
19.2 E N	LUX	GDL-6-F1																		C6		11	C12	14		
20.0 E A	NIG	NIGERIA-2																			4	6				
22.0 E A	I	SICRAL-1B	0																		7	8	12	14	20	44

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Orbital position	Space station		Frequency bands GHz																	
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
23.0 E C	URS	GALS-8					7	8												
23.0 E C	URS	STATSIONAR-19			4	5	6													
23.0 E A	URS	TOR-7															18	19	20	45
23.0 E A	URS	VOLNA-17	0	1																
23.5 E C	D	DFS-1			2					11	12		14						20	30
26.0 E N	ARSARB	ARABSAT 1-B			2	4	6													
26.0 E A	IRN	ZOHREH-2								11			14							
28.5 E C	D	DFS-2			2					11	12		14						20	30
29.0 E N	F GEO	GEOS-2	0		2															
32.0 E C	F	VIDEOSAT-1			2							12	14							
34.0 E A	IRN	ZOHREH-1								11			14							
35.0 E N	URS	GALS-6					7	8												
35.0 E N	URS	PROGNOZ-3			2	4														
35.0 E N	URS	STATSIONAR-2			4	5	6													
35.0 E A	URS	STATSIONAR-D3			4		6													
35.0 E A	URS	TOR-2														18	19	20	45	
35.0 E A	URS	VOLNA-11	0	1																
36.0 E A	F EUT	EUTELSAT 2-36E			2															
38.0 E A	PAK	PAKSAT-1									12		14							
40.0 E A	URS	LOUTCH-7								11			14							
40.0 E N	URS	STATSIONAR-12			C4	5	6													
41.0 E A	IRN	ZOHREH-4								11			14							
41.0 E A	PAK	PAKSAT-2									12		14							
45.0 E N	URS	GALS-2					7	8												
45.0 E C	URS	LOUTCH P2								11			14							
45.0 E N	URS	STATSIONAR-9			4	5	6													
45.0 E A	URS	STATSIONAR-D4			4		6													
45.0 E A	URS	TOR-3														18	19	20	45	
45.0 E C	URS	VOLNA-3	0	1																
45.0 E A	URS	VOLNA-3M		1																
47.0 E A	IRN	ZOHREH-3								11			14							
53.0 E A	G	SKYNET-4C	0				C7	C8												44
53.0 E N	URS	LOUTCH-2								C11			C14							
53.0 E A	URS	MORE-53		1	4	6														
53.0 E N	URS	VOLNA-4		1																
53.0 E N	URSIK	STATSIONAR-5			C4	6														
57.0 E N	USAIT	INTELSAT5 INDOC3			4	6				11			14							
57.0 E C	USAIT	INTELSAT5A INDOC2			4	6				11			14							
57.0 E C	USAIT	INTELSAT6 57E			4	5	6			11			14							
58.0 E A	URS	GALS-13					7	8												
58.0 E A	URS	STATSIONAR-24			4	6														
58.0 E A	URS	TOR-13														19	20	42		
60.0 E N	USA	USGCSS PH2 INDOC					7	8												
60.0 E N	USA	USGCSS PH3 INDOC			C2		7	8												
60.0 E N	USAIT	INTELSAT MCS INDOC B		1	4	6														
60.0 E N	USAIT	INTELSAT5 INDOC2			4	6				11			14							
60.0 E N	USAIT	INTELSAT5A INDOC1			4	6				11			14							
60.0 E C	USAIT	INTELSAT6 60E			4	5	6			11			14							
63.0 E N	USAIT	INTELSAT MCS INDOC A		1	4	6														

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Orbital position	Space station		Frequency bands GHz																		
			0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20	
63.0 E N	USAIT	INTELSAT5 INDOC1				4	6														
63.0 E C	USAIT	INTELSAT5A INDOC3				4	6					11							14		
64.5 E C	F MRS	MARECS INDOC1	0	1		4	6					11							14		
64.5 E C	G INM	INMARSAT IOR		1		4	6														
65.0 E C	I	SIRIO	0									11	12								
66.0 E N	USAIT	INTELSAT MCS INDOC D		C1		C4	C6														
66.0 E N	USAIT	INTELSAT5 INDOC4			4	6				11			14								
66.0 E C	USAIT	INTELSAT5A 66E			4	6				11			14								
66.5 E A	G INM	INMARSAT IOR 2		1		4	6														
69.0 E A	URS	GALS-14					7	8													
69.0 E A	URS	STATSIONAR-20			4	6															
69.0 E A	URS	TOR-14																19	20	42	
70.0 E A	CHN	STW-2			4	6															
72.0 E A	USA	FLTSATCOM-A INDOC	0							7	8										
72.5 E N	USA	MARISAT-INDOC	0		C2	C4	C6														
73.0 E C	F MRS	MARECS INDOC 2	0	1		4	6														
74.0 E N	IND	INSAT-1B	0		4	5	6														
74.0 E A	IND	INSAT-2C	0		4	5	6														
75.0 E N	USA	FLTSATCOM INDOC	0							7	8										
75.0 E A	USA	FLTSATCOM-B INDOC	0																20	44	
76.0 E A	URS	GOMS	0							7	8								20	28	
76.0 E C	URS	GOMSS	0	1	2																
77.0 E N	INS	PALAPA-A2			4	6															
77.0 E N	URS	CSSRD-2										11	12	13	14						
80.0 E A	URS	LOUTCH-8										11			14						
80.0 E N	URS	POTOK-2																			
80.0 E N	URS	PROGNOZ-4			C2	C4															
80.0 E N	URS	STATSIONAR-1			4	5	6														
80.0 E C	URS	STATSIONAR 13			4	6															
81.5 E A	URS	FOTON-2			4	6															
83.0 E C	IND	INSAT-1D	0	2	4	5	6														
83.0 E A	IND	INSAT2A	0		4	5	6														
83.0 E N	INS	PALAPA-A1			4	6															
85.0 E N	URS	GALS-3					7	8													
85.0 E C	URS	LOUTCH P3										11			14						
85.0 E N	URS	STATSIONAR-3			4	5	6														
85.0 E A	URS	STATSIONAR-135			4	6															
85.0 E A	URS	TOR-4																18	19	20	45
85.0 E C	URS	VOLNA-5	0	1																	
85.0 E A	URS	VOLNA-5M		1																	
87.5 E A	CHN	CHINASAT-1			4	6															
90.0 E N	URS	LOUTCH-3										11			14						
90.0 E A	URS	MORE-90		1	4	6															
90.0 E N	URS	VOLNA-8		1																	
90.0 E N	URSIK	STATSIONAR-6			4	6															
93.5 E N	IND	INSAT-1C	0		4	5	6														
93.5 E A	IND	INSAT-2B	0		4	5	6														
94.0 E N	IND	INSAT-1B	0	2	4	5	6														
95.0 E N	URS	CSDRN													11				14		

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Orbital position	Space station	Frequency bands GHz																	
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
96.5 E A	URS	LOUTCH-9								11			14						
96.5 E C	URS	STATSIONAR-14			4	6													
98.0 E A	CHN	CHINASAT-3			4	6													
99.0 E N	URS	STATSIONAR-T	0			6													
99.0 E N	URS	STATSIONAR-T2	0			6													
103.0 E A	CHN	STW-2			4	6													
103.0 E A	URS	LOUTCH-5							11			14							
103.0 E C	URS	STATSIONAR-21			4	5	6												
108.0 E N	INS	PALAPA-B1			4	6													
110.0 E N	J	BS-2		2						12		14							
110.0 E A	J	BS-3		2						12		14							
110.0 E N	J	BSE		2								14							
110.5 E A	CHN	CHINASAT-2			4	6													
113.0 E N	INS	PALAPA-B2			4	6													
118.0 E C	INS	PALAPA-B3			4	6													
124.0 E A	J	SCS-1B								12		14		17	18	19			28
125.0 E N	CHN	STW-1			4	6													
128.0 E A	J	SCS-1A								12		14		17	18	19			28
128.0 E C	URS	GALS-10					7	8											
128.0 E N	URS	STATSIONAR-15			4	5	6												
128.0 E A	URS	STATSIONAR-D6			4	6													
128.0 E A	URS	TOR-6												18	19	20			45
128.0 E A	URS	VOLNA-9	0	1															
128.0 E A	URS	VOLNA-9M		1															
130.0 E N	J	ETS-2	0	1	2				11										34
130.0 E N	URS	GALS-5					7	8											
130.0 E A	URS	PROGNOZ-5			2														
130.0 E A	URS	TOR-10													18	19	20		45
132.0 E N	J	CS-2A		2	4	6								17	18	19			28
132.0 E A	J	CS-3A			4	6								17	18	19			40
135.0 E N	J	CSE		2	4	6								17	18	19	20		30
136.0 E N	J	CS-2B		2	4	6								17	18	19			28
136.0 E A	J	CS-3B			4	6								17	18	19			40
140.0 E N	J	GMS	0	1	2														
140.0 E N	J	GMS-2	0	1	2														
140.0 E N	J	GMS-3	0	1	2														

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Orbital position	Space station	Frequency bands GHz																	
		0	1	2	4	5	6	7	8	11	12	13	14	15	17	18	19	20	>20
140.0 E N	URS	LOUTCH-4								11			14						
140.0 E A	URS	MORE-140	1		4	6													
140.0 E N	URS	STATSIONAR-7			4	6													
140.0 E N	URS	VOLNA-6	1																
145.0 E C	URS	STATSIONAR-16			4	6													
150.0 E C	J	CSE			4	6													
150.0 E C	J	ETS-5	1	2		5	6												
150.0 E A	J	JCSAT-1									12		14						
154.0 E A	J	JCSAT-2									12		14						
156.0 E N	AUS	AUSSAT-1									12	13	14						
160.0 E N	AUS	AUSSAT-2									12	13	14						
160.0 E N	J	GMS-160F	0	1	2														
164.0 E A	AUS	AUSSAT PAC3									12		14						
164.0 E N	AUS	AUSSAT-3									12	13	14						
166.0 E A	URS	GOMS-2	0	1	2			7	8									20	28
166.0 E A	URS	PROGNOZ-6			2														
167.0 E A	PNG	PACSTAR A-1	1																
167.0 E A	PNG	PACSTAR-1			4	6					12		14						
167.0 E N	URS	VSSRD-2									11	12	13	14					
172.0 E N	USA	FLTSATCOM W PAC	0					7	8										
172.0 E A	USA	FLTSATCOM-A W PAC	0					7	8									20	44
174.0 E N	USAIT	INTELSAT4A PAC 1			4	6							14						
174.0 E N	USAIT	INTELSAT5 PAC 1			4	6					11		14						
174.0 E C	USAIT	INTELSAT5A PAC 1			4	6					11		14						
175.0 E N	USA	USGCSS PH2 W PAC						7	8										
175.0 E N	USA	USGCSS PH3 W PAC			C2			7	8										
176.5 E N	USA	MARISAT-PAC	0	1	4	6													
177.0 E N	USAIT	INTELSAT4A PAC 2			4	6							14						
177.0 E C	USAIT	INTELSAT5 PAC 2			4	6					11		14						
177.0 E C	USAIT	INTELSAT5A PAC 2			4	6					11		14						
177.5 E N	F MRS	MARECS PAC 1	0	1	4	6													
179.0 E N	USAIT	INTELSAT4A PAC 2			4	6													
179.5 E A	G INM	INMARSAT AOR PORT	1		4	6													
180.0 E N	USAIT	INTELSAT NBSPAC A	C1	C4	C6														
180.0 E N	USAIT	INTELSAT5 PAC 3			4	6					11		14						
180.0 E C	USAIT	INTELSAT5A PAC 3			4	6					11		14						

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