

IDENTIFICATION			MISSION		LAUNCH DATA			ORBITAL DATA					MISSION STATUS		REMARKS			
SATELLITE NAME	INT'L DESIG.	COUNTRY	PROJ. DIR.	C/M DESIG. PURPOSE	DATE	SITE	VEHICLE	PERIOD (MIN)	PERIGEE HEIGHT (KM)	APDQEE HEIGHT (KM)	INCL. (DEG)	SEMI-MAJOR AXIS (KM)	ECCEN. (ND)	RIGHT ASCENSION RATE (DEG/DAY)		GEOSYNCRON ORBITAL POSITION (DEG. EAST)	STATUS	DATE
COSMOS-1280	1981-63-A	USSR		CIV ERSAT	02-Jul-81	PLE	A-2	89.5	222.0	312.0	82.3	6645.2	0.006772	-1.15661E+00		REC	15-Jul-81	
COSMOS-1281	1981-64-A	USSR		MIL RECON	07-Jul-81	PLE	A-2	90.4	208.0	419.0	72.8	6691.7	0.015766	5.88352E-02		REC	21-Jul-81	
METEOR-PRIRODA	1981-65-A	USSR		CIV METEG	10-Jul-81	PLE	A-1	97.9	611.0	688.0	97.6	7027.7	0.005478	9.38558E-01				ALSO LABELLED '31ST METEOR
ISKRA-1	1981-65-C	USSR	MAI	CIV COMMU	10-Jul-81	PLE	A-1	97.6	611.0	688.0	97.7	7027.7	0.005478	9.380833E-01		DEC	07-Oct-81	
COSMOS-1282	1981-66-A	USSR		MIL RECON	15-Jul-81	BAI	A-2	89.6	179.0	357.0	64.9	6646.2	-0.013391	-3.66087E+00		REC	14-Aug-81	
COSMOS-1283	1981-67-A	USSR		MIL RECON	17-Jul-81	PLE	F-2	88.9	184.0	278.0	82.3	6609.2	0.007111	-1.17882E+00		REC	31-Jul-81	
COSMOS-1284	1981-68-A	USSR		CIV ERSAT	29-Jul-81	PLE	F-2	88.8	195.0	270.0	82.3	6610.7	0.005673	-1.17784E+00		REC	12-Aug-81	
RADUGA-B	1981-69-A	USSR		MIL COMMU	31-Jul-81	BAI	D-1-e	1477.0	36690.0	36690.0	0.4	43068.2	0.000000	-1.24536E-02	361.0			TV & MULTICHANNEL RADIOCOMM. DYNAMICS EXPLORER
DE-1	1981-70-A	USA	NASA	CIV SCIEN	03-Aug-81	WTR	DELTA	410.8	567.6	23289.6	89.9	18306.8	0.620591	-1.14823E-03				PLASMA PHYSICS INVESTIGATION
DE-2	1981-70-B	USA	NASA	CIV SCIEN	03-Aug-81	WTR	DELTA	98.0	309.0	1012.5	90.0	7038.9	0.049772	-2.41557E-18		DEC	19-Feb-83	REPLACED COSMOS-1261
COSMOS-1285	1981-71-A	USSR		MIL EARLY	04-Aug-81	PLE	A-2-e	726.0	630.0	40165.0	62.8	26775.7	0.738264	-1.45149E-01				EORSAT; PAIRED WITH C-1260L-1306
COSMOS-1286	1981-72-A	USSR		MIL ORSAT	04-Aug-81	BAI	F-1-m	93.2	433.0	453.0	65.0	6821.2	0.001466	-3.32891E+00		DEC	16-Oct-82	UMF COMMUNICATIONS
FLTSATCOM-5	1981-73-A	USA	USN	MIL COMMU	06-Aug-81	ETR	ATLAS CENTAUR	1436.3	34777.0	36803.0	2.6	42168.2	0.024023	-1.33438E-02	287.0			TACTICAL COMMUNICATIONS
COSMOS-1287	1981-74-A	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1288	1981-74-B	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1289	1981-74-C	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1290	1981-74-D	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1291	1981-74-E	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1292	1981-74-F	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1293	1981-74-G	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
COSMOS-1294	1981-74-H	USSR		MIL COMMU	06-Aug-81	PLE	C-1	115.2	1446.0	1508.0	74.0	7855.2	0.003946	-1.56483E+00				TACTICAL COMMUNICATIONS
BULGARIA-1300	1981-75-A	USSR		CIV SCIEN	07-Aug-81	PLE	A-1	101.9	825.0	906.0	81.2	7243.7	0.005591	-9.76520E-01				BUL./USSR MAGNETOSPHERE STUDY (HIMAWARI-2)
GMS-2	1981-76-A	JAPAN	JMA	CIV METEG	11-Aug-81	TSC	N-2	1438.1	35606.0	36047.0	1.0	42204.7	0.005225	-1.33675E-02	140.0			REPLACED COSMOS-1181
COSMOS-1295	1981-77-A	USSR		MIL NAVIG	12-Aug-81	PLE	C-1	104.8	966.0	1026.0	82.9	7374.2	0.004068	-7.41139E-01				MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1296	1981-78-A	USSR		MIL RECON	13-Aug-81	PLE	A-2	89.8	181.0	377.0	67.2	6657.2	0.014721	-3.32523E+00		REC	13-Sep-81	
COSMOS-1297	1981-79-A	USSR		MIL RECON	18-Aug-81	PLE	A-2	90.2	209.0	389.0	72.9	6677.2	0.013479	-2.49660E+00		REC	28-Aug-81	
COSMOS-1298	1981-80-A	USSR		MIL RECON	21-Aug-81	BAI	A-2	89.5	179.0	351.0	64.9	6643.2	0.012946	-3.66657E+00		REC	02-Oct-81	
COSMOS-1299	1981-81-A	USSR		MIL ORSAT	24-Aug-81	BAI	F-1-m	89.7	250.0	281.0	65.0	6643.7	0.002333	-3.65076E+00		IOF	05-Sep-81	A-PWRD RDR; PAIRED WITH C-1260A-1286
COSMOS-1300	1981-82-A	USSR		MIL ORSAT	24-Aug-81	PLE	F-2	97.7	640.0	675.0	82.5	7039.7	0.001918	-9.20716E-01				EORSAT? PHASED WITH C-1378A-1328
COSMOS-1301	1981-83-A	USSR		CIV ERSAT	27-Aug-81	PLE	F-2	89.4	224.0	300.0	82.3	6640.2	0.005723	-1.15963E+00		REC	10-Sep-81	
COSMOS-1302	1981-84-A	USSR		MIL COMMU	28-Aug-81	PLE	C-1	100.8	785.0	824.0	74.0	7181.7	0.002854	-1.81307E+00				STORE & DUMP; REPLACED C-1269
KH-11-A	1981-85-A	USA	USAF	MIL RECON	03-Sep-81	WTR	TITAN 111D	92.5	273.0	517.0	97.0	6773.2	0.018012	9.84606E-01				STATISTIC RECONNAISSANCE
COSMOS-1303	1981-86-A	USSR		MIL RECON	04-Sep-81	BAI	A-2	90.4	216.0	398.0	70.4	6685.2	0.013612	-2.83632E+00		REC	18-Sep-81	
COSMOS-1304	1981-87-A	USSR		MIL NAVIG	04-Sep-81	PLE	C-1	104.0	917.0	984.0	83.0	7328.7	0.004571	-7.46762E-01				REPLACED COSMOS-926
COSMOS-1305	1981-88-A	USSR		MIL COMMU	11-Sep-81	PLE	A-2-e	284.0	648.0	13870.0	63.0	13637.2	0.048479	-5.40825E-01				FAILED MOLNIYA SATELLITE?
COSMOS-1306	1981-89-A	USSR		MIL ORSAT	14-Sep-81	BAI	F-1-m	93.2	406.0	459.0	65.0	6810.7	0.003891	-3.34700E+00		DEC	16-Jul-82	EORSAT; PAIRED WITH COSMOS-1286
COSMOS-1307	1981-90-A	USSR		MIL RECON	15-Sep-81	PLE	A-2	90.4	209.0	419.0	72.9	6692.2	0.015690	-2.47739E+00		DEC	28-Sep-81	MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1308	1981-91-A	USSR		MIL NAVIG	18-Sep-81	PLE	C-1	104.9	978.0	1017.0	82.9	7375.7	0.002644	-7.40598E-01				REPLACED COSMOS-1275
COSMOS-1309	1981-92-A	USSR		MIL RECON	18-Sep-81	PLE	F-2	89.2	225.0	282.0	82.3	6631.7	0.004298	-1.16481E+00		REC	01-Oct-81	MED. RESOLUTION PHOTOGRAPHIC
CHINA-9	1981-93-A	CHINA		CIV SCIEN	19-Sep-81	JBN	CSL-2	103.3	231.0	920.0	59.4	6953.7	0.049542	-3.76701E+00		DEC	26-Sep-81	SPACE PHYSICS EXPERIMENTS
CHINA-9	1981-93-B	CHINA		CIV SCIEN	19-Sep-81	JBN	CSL-2	103.3	231.0	920.0	59.4	6953.7	0.049542	-3.76701E+00		DEC	17-Aug-82	SPACE PHYSICS EXPERIMENTS
CHINA-9	1981-93-D	CHINA		CIV SCIEN	19-Sep-81	JBN	CSL-2	103.3	231.0	920.0	59.4	6953.7	0.049542	-3.76701E+00		DEC	06-Oct-82	SPACE PHYSICS EXPERIMENTS
ORFOL-3	1981-94-A	FRANCE		CIV SCIEN	21-Sep-81	PLE	A-2	188.2	380.0	1920.0	82.6	7528.2	0.102263	-7.33636E-01				FR./USSR MAGNETOSPHERE STUDY
COSMOS-1310	1981-95-A	USSR		MIL ASAT	23-Sep-81	PLE	C-1	94.6	478.0	524.0	65.9	6879.2	0.003343	-3.12251E+00				INTERCEPTION TEST RADAR CALIBRATION
SBS-2	1981-96-A	USA	SBS	CIV COMMU	24-Sep-81	ETR	THOR DELTA	1436.1	35783.0	35791.0	0.1	42165.2	0.000095	-1.34127E-02	263.0			FIXED SATELLITE SERVICE
COSMOS-1311	1981-97-A	USSR		MIL RADAR	28-Sep-81	PLE	C-1	94.5	470.0	521.0	83.0	6873.7	0.003710	-9.34554E-01		DEC	28-Aug-83	
COSMOS-1312	1981-98-A	USSR		MIL SCIEN	30-Sep-81	PLE	F-2	116.0	1490.0	1531.0	82.6	7888.7	0.002599	-6.09890E-01				GEODETIC; PHASED WITH COSMOS-1410
COSMOS-1313	1981-99-A	USSR		MIL RECON	01-Oct-81	BAI	A-2	89.5	214.0	314.0	70.4	6642.2	0.007528	-2.90036E+00		REC	15-Oct-81	
SNE	1981-100-A	USA	NASA	CIV SCIEN	06-Oct-81	WTR	THOR DELTA	95.3	533.0	535.0	97.5	6912.2	0.000145	9.81534E-01				SOLAR MESOSPHERE EXPLORER
URSAT	1981-100-B	UK	URS	CIV COMMU	06-Oct-81	WTR	THOR DELTA	95.4	536.0	561.0	97.5	6926.7	0.001805	9.74368E-01				USA/UK AMATEUR RADIO