

IDENTIFICATION			MISSION		LAUNCH DATA			ORBITAL DATA					MISSION STATUS					
SATELLITE NAME	INT'L DESIG.	COUNTRY	PROJ. DIR.	C/M DESIG. PURPOSE	DATE	SITE	VEHICLE	PERIOD (MIN)	PERIGEE HEIGHT (KM)	APOGEE HEIGHT (KM)	INCL. (DEG)	SEMI-MAJOR AXIS (KM)	ECCEN. (MD)	RIGHT ASCENSION RATE (DEG/DAY)	GEOSYNC ORBITAL POSITION (DEG. EAST)	ORBITAL STATUS	DATE	REMARKS
COSMOS-1250	1981-22-A	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1251	1981-22-B	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1252	1981-22-C	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1253	1981-22-D	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1254	1981-22-E	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1255	1981-22-F	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1256	1981-22-G	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
COSMOS-1257	1981-22-H	USSR		MIL COMMU 06-Mar-81	PLE	C-1		115.0	1450.0	1500.0	74.0	7853.2	0.003183	-1.32601E+00				TACTICAL COMMUNICATIONS
SOYUZ-14	1981-23-A	USSR		CIV MAN'D 12-Mar-81	BAI	A-2		90.1	250.0	331.0	51.6	6668.7	0.006973	-5.29600E+00		RET	26-May-81	
COSMOS-1258	1981-24-A	USSR		MIL ASATT 14-Mar-81	BAI	F-1-a		98.0	322.0	1032.0	65.8	7055.2	0.050318	-2.88394E+00		DEC	15-Mar-81	INTERCEPTOR FOR COSMOS-1241 DEFENSE SUPPORT PROGRAM
DSF-11	1981-25-A	USA	USAF	MIL EARLY 16-Mar-81	ETR	TITAN IIC		1436.3	35750.0	35828.0	1.9	42167.2	0.000925	-1.34031E-02	226.0			
COSMOS-1259	1981-26-A	USSR		MIL RECON 17-Mar-81	BAI	A-2		90.4	215.0	405.0	70.4	6688.2	0.014204	-2.83196E+00		REC	31-Mar-81	
RADUSA-7	1981-27-A	USSR		MIL COMMU 18-Mar-81	BAI	F-1-m		1477.0	36590.0	36590.0	0.4	42968.2	0.000000	-1.25554E-02	361.0			TV & MULTICHANNEL RADIOCOM.
COSMOS-1260	1981-28-A	USSR		MIL ORSAT 20-Mar-81	BAI	F-1-m		93.3	435.2	458.7	65.0	6825.1	0.001722	-3.32218E+00		DEC	22-May-81	EORSAT; PAIRED WITH C-12204-1286
SOYUZ-39	1981-29-A	USSR		CIV MAN'D 22-Mar-81	BAI	A-2		90.3	271.0	321.0	51.6	6674.2	0.003746	-5.28050E+00		RET	30-Mar-81	
15TH MOLNIYA-3	1981-30-A	USSR		MIL COMMU 24-Mar-81	PLE	A-2-e		736.0	641.0	40635.0	62.8	27026.2	0.740283	-1.42357E-01				REPLACED 11TH MOLNIYA-3
COSMOS-1261	1981-31-A	USSR		MIL EARLY 31-Mar-81	PLE	A-2-e		710.0	615.0	40170.0	62.8	26770.7	0.738775	-1.45728E-01				
COSMOS-1262	1981-32-A	USSR		MIL RECON 07-Apr-81	PLE	A-2		90.4	207.0	418.0	72.9	6690.7	0.015760	-2.47935E+00		REC	21-Apr-81	
COSMOS-1263	1981-33-A	USSR		MIL ELINT 09-Apr-81	PLE	C-1		109.1	403.0	1988.0	83.0	7573.7	0.104639	-6.80366E-01				PAIRED WITH COSMOS-1238
STS-1	1981-34-A	USA	NASA	CIV MAN'D 12-Apr-81	ETR	515-1		89.4	238.0	250.0	40.4	6622.2	0.000906	-6.65349E+00		RET	14-Apr-81	1ST TEST FLIGHT OF COLUMBIA
COSMOS-1264	1981-35-A	USSR		MIL RECON 15-Apr-81	BAI	A-2		89.4	210.0	411.0	70.4	6688.7	0.015025	-2.83136E+00		REC	29-Apr-81	
COSMOS-1265	1981-36-A	USSR		MIL RECON 16-Apr-81	PLE	A-2		89.4	210.0	317.0	72.9	6641.7	0.008055	-2.54303E+00		REC	28-Apr-81	
COSMOS-1266	1981-37-A	USSR		MIL ORSAT 21-Apr-81	BAI	F-1-m		89.7	259.0	278.0	65.0	6646.7	0.001429	-3.64497E+00		10F	29-Apr-81	A-PNRO RDR; PAIRED WITH COSMOS-1249
SBS-7	1981-38-A	USA	USAF	MIL COMMU 24-Apr-81	WTR	TITAN IIB		93.0	190.0	709.0	62.7	6827.7	0.038007	-3.61111E+00				FAILED PERIGEE BOOST?
COSMOS-1267	1981-39-A	USSR		CIV MAN'D 25-Apr-81	BAI	D-1		89.0	200.0	278.0	51.6	6617.2	0.005894	-5.44165E+00		DEC	29-Jul-82	SPACE STATION MODULE
COSMOS-1268	1981-40-A	USSR		MIL RECON 28-Apr-81	BAI	A-2		90.3	217.0	391.0	70.4	6682.2	0.013020	-2.84069E+00		REC	12-May-81	MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1269	1981-41-A	USSR		MIL COMMU 07-May-81	PLE	C-1		100.9	797.0	833.0	74.0	7193.2	0.002502	-1.80294E+00				STORE & DUMP
SOYUZ-40	1981-42-A	USSR		CIV MAN'D 14-May-81	BAI	A-2		90.1	260.0	307.0	51.6	6661.7	0.003528	-5.31524E+00		RET	22-May-81	
7TH METEOR-2	1981-43-A	USSR		MIL METEO 15-May-81	PLE	A-1		182.5	868.0	904.0	81.3	7264.2	0.002478	-9.55958E-01				
NOVA-1	1981-44-A	USA	USN	MIL NAVIG 15-May-81	WTR	SCOUT		109.0	1170.0	1187.0	90.7	7556.7	0.001125	-6.72461E-02				ADVANCED VERSION OF TRANSIT
COSMOS-1270	1981-45-A	USSR		MIL RECON 18-May-81	BAI	A-2		89.7	180.0	370.0	64.9	6653.2	0.014279	-3.64758E+00		REC	17-Jun-81	
COSMOS-1271	1981-46-A	USSR		MIL ELINT 19-May-81	PLE	A-1		97.5	628.0	670.0	81.2	7027.2	0.002988	-1.08589E+00				REPLACED COSMOS-1077
COSMOS-1272	1981-47-A	USSR		MIL RECON 21-May-81	BAI	A-2		90.4	217.0	403.0	70.4	6688.2	0.013905	-2.83192E+00		REC	04-Jun-81	
COSMOS-1273	1981-48-A	USSR		CIV ERSAT 22-May-81	PLE	F-2		89.2	221.0	277.0	82.3	6627.2	0.004225	-1.16758E+00		REC	04-Jun-81	
GEOS-5	1981-49-A	USA	NDBA	CIV METEO 22-May-81	ETR	DELTA		1436.2	35783.0	35792.0	0.1	42165.7	0.000107	-1.34121E-02	275.0			
INTELSAT-V F1	1981-50-A	INT'L	INTELSAT	CIV COMMU 23-May-81	ETR	ATLAS CENTAUR		1436.2	35773.0	35803.0	0.1	42166.2	0.000356	-1.34116E-02	24.5			FIXED SATELLITE SERVICE
ROHINI-2	1981-51-A	INDIA		CIV ERSAT 31-May-81	SSC	SLV-3		90.6	187.0	418.0	46.3	6680.7	0.017289	-5.85669E+00		DEC	08-Jun-81	
COSMOS-1274	1981-52-A	USSR		MIL RECON 03-Jun-81	PLE	A-2		89.8	183.0	380.0	67.2	6659.7	0.014791	-3.32088E+00		REC	03-Jul-81	HI RESOLUTION PHOTOGRAPHIC
COSMOS-1275	1981-53-A	USSR		MIL NAVIG 04-Jun-81	PLE	C-1		104.9	983.0	1026.0	83.0	7382.7	0.002912	-7.27801E-01				REPLACED COSMOS-1141
16TH MOLNIYA-3	1981-54-A	USSR		MIL COMMU 09-Jun-81	PLE	A-2-e		736.0	641.0	40837.0	62.8	27032.2	0.746629	-1.48377E-01				REPLACED 14TH MOLNIYA-3
COSMOS-1276	1981-55-A	USSR		CIV ERSAT 16-Jun-81	PLE	A-2		89.1	224.0	265.0	82.3	6622.7	0.003095	-1.17034E+00		REC	29-Jun-81	
COSMOS-1277	1981-56-A	USSR		MIL RECON 17-Jun-81	BAI	A-2		90.3	216.0	393.0	70.4	6682.7	0.013243	-2.83998E+00		REC	01-Jul-81	MED. RESOLUTION PHOTOGRAPHIC
METEOSAT-2	1981-57-A	EUROPE	ESA	CIV METEO 19-Jun-81	CS6	ARIANE		1441.1	35669.0	36100.0	1.2	42262.7	0.005099	-1.33025E-02	0.0			
APPLE	1981-57-B	INDIA	IRSD	CIV COMMU 19-Jun-81	CS6	ARIANE		1436.3	35783.0	35797.0	0.7	42168.2	0.000166	-1.34084E-02	102.0			EXPERIMENTAL COMMUNICATIONS
CAT-3	1981-57-C	EUROPE	ESA	CIV EXPTL 19-Jun-81	CS6	ARIANE		635.6	224.0	35992.0	10.4	24486.2	0.730372	-4.06096E-01				LAUNCH VEHICLE TEST PACKAGE
COSMOS-1278	1981-58-A	USSR		MIL EARLY 19-Jun-81	PLE	A-2-e		726.0	614.0	40165.0	62.8	26767.7	0.738784	-1.45792E-01				
NOAA-7	1981-59-A	USA	NOAA	CIV METEO 23-Jun-81	WTR	ATLAS F		101.9	843.5	861.5	98.9	7230.7	0.001245	-9.93697E-01				
50TH MOLNIYA-1	1981-60-A	USSR		MIL COMMU 24-Jun-81	PLE	A-2-e		736.0	645.0	40640.0	62.8	27020.7	0.740082	-1.42271E-01				REPLACED 42ND MOLNIYA-1
EX-RAN-7	1981-61-A	USSR		CIV COMMU 26-Jun-81	BAI	D-1-e		1426.0	35636.0	35636.0	0.4	42014.2	0.000000	-1.35822E-02	361.0			TV RELAY
COSMOS-1279	1981-62-A	USSR		MIL RECON 01-Jul-81	BAI	A-2		90.3	218.0	385.0	70.4	6679.7	0.012501	-2.84434E+00		REC	15-Jul-81	