

IDENTIFICATION			MISSION		LAUNCH DATA			ORBITAL DATA					MISSION STATUS					
SATELLITE NAME	INT'L DESIG.	COUNTRY	PROJ. DIR.	C/M DESIG. PURPOSE	DATE	SITE	VEHICLE	PERIOD (MTH)	PERIGEE HEIGHT (KM)	APOGEE HEIGHT (KM)	INCL. (DEG)	SEMI-MAJOR AXIS (KM)	ECCEN. (WD)	RIGHT ASCENSION RATE (DEG/DAY)	GEOSYNC ORBITAL POSITION (DEG. EAST)	STATUS	DATE	REMARKS
COSMOS-1216	1980-84-A	USSR		MIL RECON	16-Oct-80	PLE	A-2	90.3	209.0	404.0	72.9	6684.7	0.014586	-2.48697E+00		REC	30-Oct-80	
COSMOS-1217	1980-85-A	USSR		MIL EARLY	24-Oct-80	PLE	A-2-e	726.0	642.0	40165.0	62.8	26781.7	0.737875	-1.44670E-01				
COSMOS-1218	1980-86-A	USSR		MIL RECON	30-Oct-80	BAI	A-2	89.7	178.0	374.0	64.9	6654.2	0.014728	-3.64578E+00		REC	12-Dec-80	
FLTSATCOM-4	1980-87-A	USA	USN	MIL COMMU	31-Oct-80	ETR	ATLAS CENTAUR	1428.4	35033.0	36237.0	2.5	42013.2	0.014329	-1.35759E-02	172.0			UHF COMMUNICATIONS
COSMOS-1219	1980-88-A	USSR		MIL RECON	31-Oct-80	PLE	A-2	89.7	205.0	353.0	72.9	6657.2	0.011116	-2.52266E+00		REC	13-Nov-80	
COSMOS-1220	1980-89-A	USSR		MIL ORSAT	04-Nov-80	BAI	F-1-m	93.3	432.0	454.0	65.0	6821.2	0.001613	-3.32891E+00				EDRSAT; ELINT OCEAN RECONNAISSANCE
COSMOS-1221	1980-90-A	USSR		MIL RECON	12-Nov-80	PLE	A-2	90.5	207.0	424.0	72.9	6693.7	0.016209	-2.47553E+00		REC	26-Nov-80	
SBS-1	1980-91-A	USA	SBS	CIV COMMU	15-Nov-80	ETR	DELTA	1436.1	35785.0	35789.0	0.0	42165.2	0.000047	-1.34127E-02	254.0			FIXED SATELLITE SERVICE
40TH MOLNIYA-1	1980-92-A	USSR		MIL COMMU	16-Nov-80	PLE	A-2-e	736.0	640.0	40651.0	62.3	27023.7	0.740296	-1.44828E-01				
COSMOS-1222	1980-93-A	USSR		MIL ELINT	21-Nov-80	PLE	A-1	97.4	624.0	659.0	81.2	7019.7	0.002493	-1.08995E+00				
SOYUZ-T3	1980-94-A	USSR		CIV MAN'D	27-Nov-80	BAI	A-2	89.6	253.0	271.5	51.6	6640.4	0.001393	-5.37490E+00		RET	10-Dec-80	
COSMOS-1223	1980-95-A	USSR		MIL EARLY	27-Nov-80	PLE	A-2-e	726.0	614.0	40165.0	62.8	26767.7	0.736784	-1.45792E-01				
COSMOS-1224	1980-96-A	USSR		MIL RECON	01-Dec-80	PLE	A-2	90.3	209.0	403.0	72.9	6684.2	0.014512	-2.48761E+00		REC	15-Dec-80	
COSMOS-1225	1980-97-A	USSR		MIL NAVIG	05-Dec-80	PLE	C-1	105.0	967.0	1041.0	82.9	7382.2	0.005012	-7.38345E-01				
INTELSAT-V F2	1980-98-A	INT'L	INTELSAT	CIV COMMU	06-Dec-80	ETR	ATLAS CENTAUR	1436.1	35774.0	35800.0	0.1	42165.2	0.000308	-1.34127E-02	335.5			
COSMOS-1226	1980-99-A	USSR		MIL NAVIG	10-Dec-80	PLE	C-1	105.0	982.0	1025.0	83.0	7381.7	0.002913	-7.28146E-01				
SOS-6	1980-100-A	USA	USAF	MIL COMMU	13-Dec-80	WTR	TITAN IIIB	698.1	250.0	39127.0	63.8	26066.7	0.745723	-1.61781E-01				SATELLITE DATA SYSTEM
COSMOS-1227	1980-101-A	USSR		MIL RECON	16-Dec-80	PLE	A-2	89.5	209.0	325.0	72.9	6645.2	0.008728	-2.53840E+00		REC	28-Dec-80	
COSMOS-1228	1980-102-A	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1229	1980-102-B	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1230	1980-102-C	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1231	1980-102-D	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1232	1980-102-E	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1233	1980-102-F	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1234	1980-102-G	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
COSMOS-1235	1980-102-H	USSR		MIL COMMU	24-Dec-80	PLE	C-1	114.6	1415.0	1491.0	74.0	7831.2	0.004852	-1.33913E+00				TACTICAL COMMUNICATIONS
PROGMOZ-8	1980-103-A	USSR		CIV SCIEN	25-Dec-80	BAI	A-2-e	5723.0	550.0	199000.0	65.0	106153.2	0.934734	-1.40419E-02				MAGNETOSPHERE STUDY
EKRAN-6	1980-104-A	USSR		CIV COMMU	26-Dec-80	BAI	D-1-e	1424.0	35554.0	35554.0	0.4	41932.2	0.000000	-1.36750E-02	361.0			TV RELAY
COSMOS-1236	1980-105-A	USSR		MIL RECON	26-Dec-80	PLE	A-2	89.8	180.0	388.0	67.1	6662.2	0.015611	-3.33045E+00		REC	21-Jan-81	
COSMOS-1237	1981-1-A	USSR		MIL RECON	06-Jan-81	PLE	A-2	90.4	207.0	410.0	72.9	6686.7	0.015179	-2.48445E+00		REC	20-Jan-81	
14TH MOLNIYA-3	1981-2-A	USSR		MIL COMMU	09-Jan-81	PLE	A-2-e	736.0	485.0	40784.0	62.5	27012.7	0.745928	-1.49558E-01				REPLACED 10TH MOLNIYA-3
COSMOS-1238	1981-3-A	USSR		MIL ELINT	16-Jan-81	PLE	C-1	109.1	411.0	1976.0	83.0	7571.7	0.103346	-6.80625E-01				PAIRED WITH COSMOS-1263
COSMOS-1239	1981-4-A	USSR		MIL RECON	16-Jan-81	PLE	A-2	89.0	222.0	265.0	82.3	6621.7	0.003247	-1.17096E+00		REC	28-Jan-81	
COSMOS-1240	1981-5-A	USSR		MIL RECON	20-Jan-81	BAI	A-2	89.8	178.0	377.0	64.9	6655.7	0.014950	-3.64293E+00		REC	17-Feb-81	HI RESOLUTION PHOTOGRAPHIC
COSMOS-1241	1981-6-A	USSR		MIL ASATT	21-Jan-81	PLE	C-1	105.0	1000.0	1000.0	65.8	7378.2	0.000000	-2.45324E+00				TARGET VEHICLE FOR C-1243&1258
PROGRESS-12	1981-7-A	USSR		CIV MAN'D	24-Jan-81	BAI	A-2	89.1	188.0	299.0	51.6	6621.7	0.008382	-5.42910E+00		DEC	20-Mar-81	EXPENDABLE SUPPLY CRAFT
COSMOS-1242	1981-8-A	USSR		MIL ELINT	27-Jan-81	PLE	A-1	97.6	635.0	684.0	81.2	7037.7	0.003481	-1.08024E+00				
19TH MOLNIYA-1	1981-9-A	USSR		MIL COMMU	30-Jan-81	PLE	A-2-e	736.0	464.0	40801.0	62.8	27010.7	0.746687	-1.48849E-01				REPLACED 41ST MOLNIYA-1
COSMOS-1243	1981-10-A	USSR		MIL ASATT	02-Feb-81	BAI	F-1-m	98.0	316.0	1026.0	66.0	7049.2	0.050361	-2.87008E+00		DEC	02-Feb-81	INTERCEPTOR FOR COSMOS-1241
INTERCOSMOS-21	1981-11-A	USSR		CIV SCIEN	06-Feb-81	PLE	C-1	94.5	475.0	520.0	74.0	6875.7	0.003272	-2.11156E+00		DEC	07-Jul-82	OCEAN & EARTH DATA COLLECTION
EIS-4 (KIKU-3)	1981-12-A	JAPAN	NASDA	CIV EXPTL	11-Feb-81	TSC	N-2	636.0	223.0	35824.0	28.6	24401.7	0.729479	-3.64872E-01				
COSMOS-1244	1981-13-A	USSR		MIL NAVIG	12-Feb-81	PLE	C-1	105.0	975.0	1024.0	82.9	7377.7	0.003321	-7.39901E-01				
COSMOS-1245	1981-14-A	USSR		MIL RECON	13-Feb-81	PLE	A-2	90.3	208.0	403.0	72.9	6683.7	0.014588	-2.48827E+00		REC	27-Feb-81	MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1246	1981-15-A	USSR		MIL RECON	18-Feb-81	BAI	A-2	89.2	202.0	292.0	64.9	6625.2	0.006792	-3.70066E+00		REC	13-Mar-81	MED. RESOLUTION PHOTOGRAPHIC
COSMOS-1247	1981-16-A	USSR		MIL EARLY	19-Feb-81	PLE	A-2-e	709.0	613.0	39540.0	62.8	26454.7	0.735731	-1.48953E-01				
ASTRO-1	1981-17-A	JAPAN	JSAS	CIV SCIEN	21-Feb-81	KSC	Mu-3	96.9	578.0	645.0	31.4	6989.7	0.004793	-6.17318E+00				SOLAR ASTRONOMICAL OBSERVATIONS
COMSTAR-4	1981-18-A	USA	COMSAT	CIV COMMU	21-Feb-81	ETR	ATLAS CENTAUR	1436.2	35782.0	35794.0	0.1	42166.2	0.000142	-1.34116E-02	273.0			FIXED SATELLITE SERVICE
BIG BIRD 16	1981-19-A	USA	USAF	MIL RECON	28-Feb-81	WTR	TITAN IIID	88.7	129.0	309.0	96.4	6597.2	0.013642	9.87238E-01		DEC	20-Jun-81	BROAD COVERAGE PHOTO. RECON.
COSMOS-1248	1981-20-A	USSR		MIL RECON	05-Mar-81	PLE	A-2	89.7	180.0	371.0	67.1	6653.7	0.014353	-3.34511E+00		REC	04-Apr-81	HI RESOLUTION PHOTOGRAPHIC
COSMOS-1249	1981-21-A	USSR		MIL ORSAT	05-Mar-81	BAI	F-1-m	89.6	258.0	282.0	65.0	6648.2	0.001805	-3.64210E+00				A-PWRD RDR; PAIRED WITH COSMOS-1266