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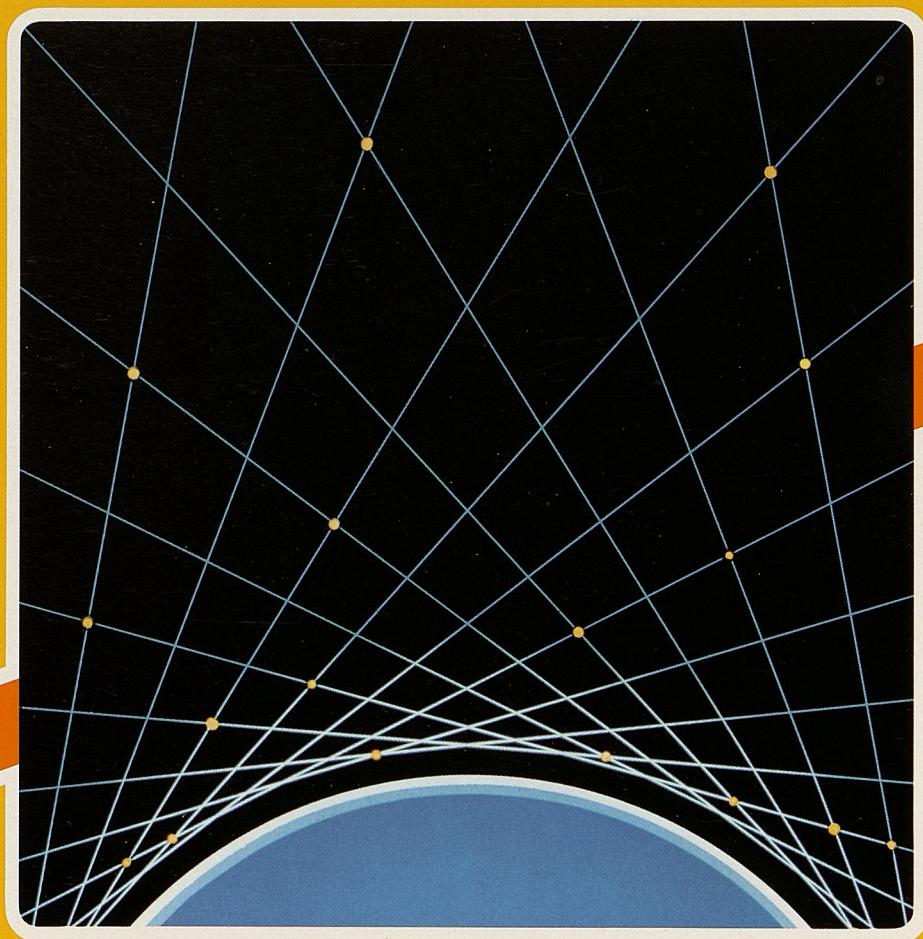
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(ITU) للاتصالات الدولي الاتحاد في والمحفوظات المكتبة قسم أجراه الضوئي بالمسح تصوير نتاج (PDF) الإلكترونية النسخة هذه والمحفوظات المكتبة قسم في المتوفرة الوثائق ضمن أصلية ورقية وثيقة من نقلًا.

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Настоящий электронный вариант (PDF) был подготовлен в библиотечно-архивной службе Международного союза электросвязи путем сканирования исходного документа в бумажной форме из библиотечно-архивной службы МСЭ.

table of artificial satellites launched in 1982



This list includes all artificial satellites launched in 1982. 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), 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.



TABLE OF GEOSTATIONARY SPACE STATIONS BY ORBITAL POSITIONS

The following table includes both satellites already in orbit and those planned for future launching into the geostationary satellite orbit.
This table is based on, and limited to, information supplied to the International Frequency Registration Board (IFRB) by ITU Member administrations under the provisions of the

Radio Regulations paragraphs RR1042, RR1060 and RR1488 to RR1491. The designations of the satellites are those officially notified and may not always correspond to the name in general use. (Situation on 31 December 1982.)

Orbital position		Space station		Frequency bands GHz									
				<1	<3	4	6	7	11	12	14	>15	
172	W *	F/MRS	MARECS-B	1	3	4	6						
172	W	USA	TDRS WEST		3							14	15
170	W *	URS	GALS-4					7					
170	W *	URS	LOUTCH P4						11			14	
170	W	URS	STATSIONAR-10			4	6						
170	W *	URS	VOLNA-7	1	3								
168	W #	URS	POTOK-3			4							
160	W #	URS	ESDRN						11			14	15
149	W	USA	ATS-1	1		4	6						
145	W #	MEX	ILHUICAHUA4			4	6		11	12		14	
143	W #	USA	US SATCOM 2-R			4	6						
141	W #	MEX	ILHUICAHUA3			4	6		11	12		14	
139	W #	USA	US SATCOM 1-R			4	6						
136	W	USA	US SATCOM-1			4	6						
135	W	USA	GOES WEST	1	3								
135	W #	USA	PHASE 3B INTERN. SATELLITE					7					
135	W	USA	USGCSS PHASE 2E PAC					7					
135	W *	USA	USGCSS PHASE 3E PAC					7					
132	W #	USA	US SATCOM-3			4	6						
131	W #	USA	US SATCOM-3R			4	6						
128	W	USA	COMSTAR D1			4	6						
127	W #	USA	COMSTAR D4			4	6						
123.5	W	USA	WESTAR-2			4	6						
123	W #	USA	WESTAR-5			4	6						
119	W #	USA	SPACENET I			4	6				12	14	
119	W #	USA	ADVANCED WESTAR 1			4	6				12	14	
119	W	USA	US SATCOM-2			4	6						
116.5	W #	MEX	ILHUICAHUA2			4	6		11	12		14	

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Orbital position			Space station		Frequency bands									
					GHz									
					<1	<3	4	6	7	11	12	14	>15	
116	W	*	CAN	ANIK-C2							11		14	
114	W		CAN	ANIK-A3				4	6					
114	W	#	CAN	TELESAT D2				4	6					
113.5	W	#	MEX	ILHUICAHUA1				4	6		11	12	14	
112.5	W		CAN	ANIK-C3							11		14	
109	W		CAN	ANIK-A2				4	6					
109	W		CAN	ANIK-B1				4	6		11		14	
109	W	#	CAN	TELESAT C3							11	12	14	
108	W	#	CAN	MUSAT-A	1	3				7				
106	W	#	USA	GSTAR 1								12	14	
106	W		USA	USASAT-6B							11		14	
105	W		USA	ATS-5	1	3								
104	W		CAN	ANIK-A1				4	6					
104	W	*	CAN	ANIK-D1				4	6					
104	W	#	CAN	TELESAT D-1				4	6					
103	W	#	USA	GSTAR 2								12	14	
100	W		USA	FLTSATC E PAC	1					7				
99	W		USA	WESTAR-1				4	6					
99	W	#	USA	WESTAR-4				4	6					
95	W	#	USA	COMSTAR D1				4	6					
95	W		USA	COMSTAR D2				4	6					
95	W	#	USA	TELESTAR 3A				4	6					
91	W	*	USA	WESTAR-3				4	6					
87	W	#	USA	TELSTAR 3B				4	6					
86	W		USA	ATS-3	1									
83	W	#	USA	USASAT-7B				4	6					
81.7	W	#	USA	USASAT 5C				4	6					
79	W		USA	TDRS CENTRAL		3							14	15
79	W	#	USA	USASAT 7D				4	6			12	14	

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Orbital position	Space station		Frequency bands GHz								
			<1	<3	4	6	7	11	12	14	>15
75.4 W #	CLM	SATCOL-1B			4	6					
75.4 W #	CLM	SATCOL-1A			4	6					
75.4 W	CLM	SATCOL-2			4	6					
75 W #	CLM	SATCOL-2			4	6					
75 W	CLM	SATCOL-1			4	6					
75 W	USA	GOES EAST	1	3							
74 W #	USA	USASAT 7A			4	6					
70 W #	B	SBTS A-1			4	6					
70 W #	USA	USASAT 7C			4				12	14	
65 W #	B	SBTS A-2			4	6					
53 W *	USA/IT	INTELSAT4 ATL5			4	6					
53 W *	USA/IT	INTELSAT4A ATL3			4	6					
41 W	USA	TDRS EAST		3						14	15
34.5 W	USA/IT	INTELSAT4 ATL5			4	6					
34.5 W	USA/IT	INTELSAT4A ATL4			4	6					
34.5 W *	USA/IT	INTELSAT MCS ATL E		3	4	6					
34.5 W *	USA/IT	INTELSAT5 ATL4			4	6		11		14	
31 W #	G	UNISAT 1 ATL						11	12	14	
31 W #	G	UNISAT 1						11	12	14	
31 W *	USA/IT	INTELSAT4A ATL4			4	6					
29.5 W	USA/IT	INTELSAT4 ATL2			4	6					
29.5 W	USA/IT	INTELSAT4A ATL3			4	6					
29.5 W *	USA/IT	INTELSAT5 ATL3			4	6		11		14	
27.5 W #	USA/IT	INTELSAT5A ATL2			4	6		11		14	
27.5 W *	USA/IT	INTELSAT4A ATL3			4	6					
27.5 W *	USA/IT	INTELSAT5 ATL3			4	6		11		14	
27.5 W *	USA/IT	INTELSAT MCS ATL B		3	4	6					
26.5 W *	URS	GALS-1					7				
25 W *	URS	VOLNA-1	1	3							
25 W	URS	STATSIONAR-8			4	6					
25 W *	URS	LOUTCH P1						11		14	

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Orbital position	Space station		Frequency bands GHz								
			<1	<3	4	6	7	11	12	14	>15
25 W *	F/SIR	SIRIO-2	1	3							
24.5 W	USA/IT	INTELSAT4A ATL1			4	6					
24.5 W #	USA/IT	INTELSAT5A ATL1			4	6		11		14	
24.5 W	USA/IT	INTELSAT5 ATL1			4	6		11		14	
24.5 W *	USA/IT	INTELSAT MCS ATL D		3	4	6					
24 W *	URS	PROGNOZ-1		3	4						
23 W	USA	FLTSATC ATL	1				7				
21.5 W *	USA	INTELSAT5 ATL5			4	6		11		14	
21.5 W *	USA/IT	INTELSAT4 ATL2			4	6					
21.5 W *	USA/IT	INTELSAT4A ATL1			4	6					
21.5 W *	USA/IT	INTELSAT MCS ATL C		3	4	6					
19.5 W	USA/IT	INTELSAT4 ATL3			4	6					
19.5 W	USA/IT	INTELSAT4A ATL2			4	6					
19 W #	D	TV-SAT						11	12		17/18
19 W #	F	TDF-1		2				11	12		17/18
19 W #	I	SARIT						11	12		17/18
19 W #	LUX	LUX-SAT						11	12		17/18
19 W #	F/LST	L-SAT		2							20/30
19 W #	F/LST	L-SAT							12	14	17
19 W #	SUI	HELVESAT		3					12		17/18
18.5 W *	USA/IT	INTELSAT4 ATL3			4	6					
18.5 W *	USA/IT	INTELSAT4A ATL2			4	6					
18.5 W *	USA/IT	INTELSAT5 ATL2			4	6		11		14	
18.5 W *	USA/IT	INTELSAT MCS ATL A		3	4	6					
18 W	BEL	SATCOM-II					7				
18 W	BEL	SATCOM PHASE3					7				
16 W #	URS	WSDRN						11		14	15
15 W	I	SIRIO	1					11			
15 W	USA	MARISAT-ATL	1	3	4	6					
15 W *	F/MRS	MARECS-A	1	3	4	6					
14.4 W #	URS	POTOK-1			4						

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Orbital position	Space station		Frequency bands GHz								
			<1	<3	4	6	7	11	12	14	>15
14 W	URS	LOUTCH-1						11		14	
14 W	URS/IK	STATSIONAR-4			4	6					
14 W	URS	VOLNA-2		3							
12.5 W #	F	MAROTS-B	1	3							
12 W *	USA	USGCSS PHASE3 ATL					7				
12 W	USA	USGCSS PHASE2 ATL					7				
11.5 W	F/SYM	SYMPHONIE-2	1		4	6					
11.5 W	F/SYM	SYMPHONIE-3	1		4	6					
10 W *	F	TELECOM-1A		3	4	6	7	8	12	14	
8.5 W *	URS	STATSIONAR-11			4	6					
7 W *	F	TELECOM-1B		3	4	6	7	8	12	14	
6 W #	G	SKYNET	1				7	8			43/45
4 W	USA/IT	INTELSAT4 ATL1			4	6					
1 W *	USA	INTELSAT4A ATL2			4	6					
1 W	USA/IT	INTELSAT4 ATL4			4	6					
0 E *	F/GEO	GEOS-2	1	3							
0 E *	F/MET	METEOSAT	1	3							
0 E #	G	SKYNET-A	1				7	8			43/45
4 E #	F	TELECOM 1C		2	4	6	7	8	12	14	
5 E	F/OTS	OTS	1					11		14	
5 E #	S	TELE-X		2				11	12	14	17/18
10 E *	F	EUTELSAT I	1					11		14	
10 E	F/OTS	OTS	1					11		14	
12 E *	URS	PROGNOZ-2		3	4						
13 E *	F	EUTELSAT I-2	1					11		14	
14 E #	NIG	NATIONAL SYSTEM			4	6					
17 E #	ARS	SABS						11	12	14	
19 E *	ARS	ARABSAT I		3	4	6					
20 E #	NIG	NATIONAL SYSTEM			4	6					
20 E *	F/SIR	SIRIO-2	1	3							
26 E *	ARS	ARABSAT II		3	4	6					

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Orbital position	Space station		Frequency bands GHz								
			<1	<3	4	6	7	11	12	14	>15
26 E *	IRN	ZOHREH-2						11		14	
29 E	F/GEO	GEOS-2	1	3							
34 E *	IRN	ZOHREH-1						11	12	14	
35 E #	URS	GALS-6					7	8			
35 E *	URS	PROGNOZ-3		3	4						
35 E	URS	STATSIONAR-2			4	6					
40 E *	F/MRS	MARECS-D	1	3	4	6					
40 E *	URS	STATSIONAR-12			4	6					
41 E #	IRN	ZOHREH-4						11		14	
45 E *	URS	GALS-2					7				
45 E *	URS	LOUTCH P2						11		14	
45 E	URS	STATSIONAR-9			4	6					
45 E *	URS	VOLNA-3	1	3							
47 E *	IRN	ZOHREH-3						11		14	
53 E	URS	LOUTCH-2						11		14	
53 E	URS/IK	STATSIONAR-5			4	6					
53 E	URS	VOLNA-4		3							
56.5 E	USA/IT	INTELSAT3 INDN1			4	6					
57 E *	USA	INTELSAT5 INDN3			4	6		11		14	
57 E *	USA/IT	INTELSAT4 INDN2			4	6					
57 E *	USA/IT	INTELSAT4A INDN2			4	6					
57 E *	USA/IT	INTELSAT MCS INDN C		3	4	6					
60 E	USA/IT	INTELSAT4 INDN2			4	6					
60 E	USA/IT	INTELSAT4A INDN2			4	6					
60 E *	USA/IT	INTELSAT5 INDN2			4	6		11		14	
60 E *	USA/IT	INTELSAT MCS INDN B		3	4	6					
60 E	USA	USGCSS PHASE2 INDN					7				
60 E *	USA	USGCSS PHASE3 INDN					7				
63 E	USA/IT	INTELSAT4 INDN1			4	6					
63 E	USA/IT	INTELSAT4A INDN1			4	6					
63 E *	USA/IT	INTELSAT5 INDN1			4	6		11		14	

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Orbital position	Space station	Frequency bands GHz								
		<1	<3	4	6	7	11	12	14	>15
63 E *	USA/IT INTELSAT MCS INDN A		3	4	6					
64.5 E *	F/MRS MARECS-C	1	3	4	6					
66 E *	USA/IT INTELSAT4 INDN1			4	6					
66 E *	USA/IT INTELSAT4A INDN1			4	6					
66 E *	USA INTELSAT5 INDN4			4	6		11		14	
66 E *	USA/IT INTELSAT MCS INDN D		3	4	6					
70 E #	CHN STW-2			4	6					
73 E	USA MARISAT-INDN	1	3*	4*	6*					
74 E	IND INSAT-1A	1	3	4	6					
74 E #	IND INSAT METEO	1		4						
75 E	USA FLTSATC INDN	1				7				
76 E *	URS GOMSS	1	3							
77 E	INS PALAPA-2			4	6					
80 E #	URS POTOK-2			4						
80 E *	URS PROGNOZ-4		3	4						
80 E	URS STATIONAR-1			4	6					
80 E *	URS STATIONAR-13			4	6					
83 E	INS PALAPA-1			4	6					
85 E *	URS GALS-3					7				
85 E *	URS LOUTCH P3						11		14	
85 E	URS STATIONAR-3			4	6					
85 E *	URS VOLNA-5	1	3							
90 E	URS LOUTCH-3						11		14	
90 E	URS STATIONAR-6			4	6					
90 E #	URS VOLNA-8		3							
94 E *	IND INSAT-1B	1	3	4	6					
95 E #	URS CSDRN						11		14	15
95 E *	URS STATIONAR-14			4	6					
99 E	URS STATIONAR-T	1			6					
99 E *	URS STATIONAR-T2	1			6					
102 E *	IND ISCOM	1		4	6					

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Orbital position	Space station	Frequency bands GHz								
		<1	<3	4	6	7	11	12	14	>15
108 E *	INS PALAPA-B1			4	6					
110 E	J BSE		3						14	
110 E #	J BS-2		3					12	14	
113 E *	INS PALAPA-B2			4	6					
118 E *	INS PALAPA-B3			4	6					
125 E *	CHN STW-1			4	6					
130 E *	J CS-2A		3	4	6					20/30
130 E	J ETS-2	1	3				11			34
130 E #	URS GALS-5					7	8			
130 E *	URS STATIONAR-15			4	6					
135 E *	J CS-2B		3	4	6					20/30
135 E	J CSE		3	4	6					18/29
140 E	J GMS	1	3							
140 E *	J GMS-2	1	3							
140 E	URS LOUTCH-4						11		14	
140 E	URS STATIONAR-7			4	6					
140 E	URS VOLNA-6		3							
156 E #	AUS ANSCS-1							12	14	
160 E #	AUS ANSCS-2							12	14	
164 E #	AUS ANSCS-3							12	14	
172 E	USA FLTSATC W PAC	1				7				
174 E	USA/IT INTELSAT4 PAC1			4	6					
174 E *	USA/IT INTELSAT4A PAC1			4	6					
174 E *	USA/IT INTELSAT5 PAC1			4	6		11		14	
175 E	USA USGCSS PHASE2 W PAC					7				
175 E *	USA USGCSS PHASE3 W PAC					7				
176.5 E	USA MARISAT-PAC	1	3	4	6					
179 E	USA/IT INTELSAT4 PAC2			4	6					
179 E *	USA/IT INTELSAT4A PAC2			4	6					
179 E *	USA INTELSAT5 PAC2			4	6		11		14	
179 E *	USA/IT INTELSAT MCS PAC A		3	4	6					

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A

ANIK-C3	1982	110C
ANIK-D1	1982	82A

B

BIG BIRD	1982	41A
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C

CHINA-12	1982	90A
COLUMBIA	1982	22A
COLUMBIA	1982	65A
COLUMBIA	1982	110A
COSMOS-1331	1982	1A
COSMOS-1332	1982	2A
COSMOS-1333	1982	3A
COSMOS-1334	1982	5A
COSMOS-1335	1982	7A
COSMOS-1336	1982	8A
COSMOS-1337	1982	10A
COSMOS-1338	1982	11A
COSMOS-1339	1982	12A
COSMOS-1340	1982	13A
COSMOS-1341	1982	16A
COSMOS-1342	1982	18A
COSMOS-1343	1982	21A
COSMOS-1344	1982	24A
COSMOS-1345	1982	26A
COSMOS-1346	1982	27A
COSMOS-1347	1982	28A
COSMOS-1348	1982	29A
COSMOS-1349	1982	30A
COSMOS-1350	1982	32A
COSMOS-1351	1982	34A
COSMOS-1352	1982	35A
COSMOS-1353	1982	36A
COSMOS-1354	1982	37A
COSMOS-1355	1982	38A
COSMOS-1356	1982	39A
COSMOS-1357	1982	40A
COSMOS-1358	1982	40B
COSMOS-1359	1982	40C
COSMOS-1360	1982	40D
COSMOS-1361	1982	40E

COSMOS-1362	1982	40F
COSMOS-1363	1982	40G
COSMOS-1364	1982	40H
COSMOS-1365	1982	43A
COSMOS-1366	1982	44A
COSMOS-1367	1982	45A
COSMOS-1368	1982	46A
COSMOS-1369	1982	48A
COSMOS-1370	1982	49A
COSMOS-1371	1982	51A
COSMOS-1372	1982	52A
COSMOS-1373	1982	53A
COSMOS-1374	1982	54A
COSMOS-1375	1982	55A
COSMOS-1376	1982	56A
COSMOS-1377	1982	57A
COSMOS-1378	1982	59A
COSMOS-1379	1982	60A
COSMOS-1380	1982	61A
COSMOS-1381	1982	62A
COSMOS-1382	1982	64A
COSMOS-1383	1982	66A
COSMOS-1384	1982	67A
COSMOS-1385	1982	68A
COSMOS-1386	1982	69A
COSMOS-1387	1982	71A
COSMOS-1388	1982	73A
COSMOS-1389	1982	73B
COSMOS-1390	1982	73C
COSMOS-1391	1982	73D
COSMOS-1392	1982	73E
COSMOS-1393	1982	73F
COSMOS-1394	1982	73G
COSMOS-1395	1982	73H
COSMOS-1396	1982	75A
COSMOS-1397	1982	76A
COSMOS-1398	1982	77A
COSMOS-1399	1982	78A
COSMOS-1400	1982	79A
COSMOS-1401	1982	81A
COSMOS-1402	1982	84A
COSMOS-1403	1982	85A
COSMOS-1404	1982	86A
COSMOS-1405	1982	88A
COSMOS-1406	1982	89A
COSMOS-1407	1982	91A
COSMOS-1408	1982	92A
COSMOS-1409	1982	95A

COSMOS-1410	1982	96A
COSMOS-1411	1982	98A
COSMOS-1412	1982	99A
COSMOS-1413	1982	100A
COSMOS-1414	1982	100D
COSMOS-1415	1982	100F
COSMOS-1416	1982	101A
COSMOS-1417	1982	102A
COSMOS-1418	1982	104A
COSMOS-1419	1982	108A
COSMOS-1420	1982	109A
COSMOS-1421	1982	112A
COSMOS-1422	1982	114A
COSMOS-1423	1982	115A
COSMOS-1424	1982	117A
COSMOS-1425	1982	119A
COSMOS-1426	1982	120A
COSMOS-1427	1982	121A

D

DMSP	1982	118A
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E

EKRAN-8	1982	9A
EKRAN-9	1982	93A
ETS	1982	87A

G

GORIZONT-5	1982	20A
GORIZONT-6	1982	103A

I

INSAT-1A	1982	31A
INTELSAT-V F4	1982	17A
INTELSAT-V F5	1982	97A
ISKRA-2	1982	33C
ISKRA-3	1982	33AD

K

KIKU-4	1982	87A
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L

LANDSAT-4	1982	72A
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M

METEOR-2 (8)	1982	25A
METEOR-2 (9)	1982	116A
MOLNYA-1 (53)	1982	15A
MOLNYA-1 (54)	1982	50A
MOLNYA-1 (55)	1982	74A
MOLNYA-3 (18)	1982	23A
MOLNYA-3 (19)	1982	83A

P

PROGRESS-13	1982	47A
PROGRESS-14	1982	70A
PROGRESS-15	1982	94A
PROGRESS-16	1982	107A

R

RADUGA-10	1982	113A
RCA-SATCOM-4	1982	4A
RCA-SATCOM-5	1982	105A

S

SALYUT-7	1982	33A
SBS-3	1982	110B
SOYUZ-T5	1982	42A
SOYUZ-T6	1982	63A
SOYUZ-T7	1982	80A
STATSIONAR-T	1982	9A
STATSIONAR-T	1982	93A
STS-3	1982	22A
STS-4	1982	65A
STS-5	1982	110A

T

TELESAT-F	1982	82A
TELESAT-5	1982	110C

W

WESTAR-4	1982	14A
WESTAR-5	1982	58A

<i>Code name Spacecraft description</i>	<i>International number</i>	<i>Country Organization Site of launching</i>	<i>Date</i>	<i>Perigee Apogee</i>	<i>Period Inclination</i>	<i>Frequencies Transmitter power</i>	<i>Observations</i>
Cosmos-1331	1982-1-A	USSR	7 Jan.	776 km 819 km	100.7 min 74°		Electronic monitoring satellite
Cosmos-1332	1982-2-A	USSR	13 Jan.	218 km 275 km	89.1 min 82.3°		Medium-resolution photographic reconnaissance satellite. Recovered on 25 January 1982
Cosmos-1333	1982-3-A	USSR	14 Jan.	989 km 1029 km	105 min 82.9°		Navigation satellite
RCA-Satcom-4 3-axis stabilized satellite; 1.62×1.27× 1.29 m; mass: 895 kg; 2 solar panels	1982-4-A	United States RCA Corporation (ETR)	16 Jan.	35 781 km 35 794 km in geostationary orbit at 83° W	1436.2 min 0.1°	3700.5; 4199.5 MHz 1.3 W	United States national communication satellite. Twenty-four transponders, each of which can handle 1200 voice grade channels, one colour television transmission or more than 60 Mbit/s data
Cosmos-1334	1982-5-A	USSR	20 Jan.	206 km 315 km	89.4 min 72.9°		Photographic reconnaissance satellite. Recovered on 3 February 1982
No name	1982-6-A	United States USAF (WTR)	21 Jan.	137 km 527 km	91.2 min 97.3°		Photographic reconnaissance satellite. Decayed on 23 May 1982
Cosmos-1335	1982-7-A	USSR (PLE)	29 Jan.	487 km 535 km	94.7 min 74°		Electronic monitoring satellite
Cosmos-1336	1982-8-A	USSR (BAI)	29 Jan.	179 km 379 km	89.8 min 70.4°		High-resolution photographic reconnaissance satellite. Recovered on 26 February 1982
Ekran-8 (Statsionar-T)	1982-9-A	USSR (BAI)	5 Feb.	35 658 km geostationary orbit	1429 min 0.4°	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television relay satellite
Cosmos-1337	1982-10-A	USSR	11 Feb.	436 km 456 km	93.3 min 65°		Ocean surveillance satellite. Decayed on 25 July 1982

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Cosmos-1338	1982-11-A	USSR	16 Feb.	208 km 393 km	90.2 min 72.0°		Medium-resolution photographic reconnaissance satellite. Recovered on 2 March 1982
Cosmos-1339	1982-12-A	USSR (PLE)	17 Feb.	975 km 1029 km	104.8 min 82.9°		Navigation satellite
Cosmos-1340	1982-13-A	USSR	19 Feb.	636 km 679 km	97.6 min 81.2°		Electronic monitoring satellite
Westar-4 spin-stabilized cylindrical satellite; diameter: 1.80 m; height: 1.60 m; mass at launch: 572 kg; solar cells and batteries	1982-14-A	United States WU (ETR)	26 Feb.	in geostationary orbit at 70° W		4198; 4200 MHz 6/4 GHz band (communications)	United States national communication satellite; 24 transponders with capacity of up to 14 400 telephone circuits. Has been positioned to replace <i>Westar-1</i>
53rd Molnya-1 hermetically-sealed cylinder with conical ends; mass: 1000 kg; 6 solar panels	1982-15-A	USSR (PLE)	26 Feb.	490 km 40 765 km	735 min 62.8°	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Cosmos-1341	1982-16-A	USSR	3 March	614 km 40 165 km	709 min 62.8°		Early warning satellite
Intelsat-V F4 3-axis stabilized satellite; height: 6.60 m; mass at launch: 1950 kg; 2 solar arrays (1.2 kW)	1982-17-A	International INTELSAT (ETR)	5 March	geostationary orbit		2202.5 MHz 3.5 W 6/4 GHz band (communications)	INTELSAT commercial telecommunication satellite; 12 000 telephone channels and two colour television channels
Cosmos-1342	1982-18-A	USSR (PLE)	5 March	207 km 326 km	89.5 min 72.9°		Medium-resolution reconnaissance satellite. Recovered on 19 March 1982

No name	1982-19-A	United States USAF (ETR)	6 March	35 524 km 35 606 km	1424.7 min 2° geostationary orbit		
Gorizont-5 3-axis stabilized satellite	1982-20-A	USSR	15 March	36 320 km	1463 min (24 h 23 min) 0.7°	3.4-3.9 GHz (emission) 5.7-6.2 GHz (reception)	Communication satellite for transmission of telegraph and telephone messages and television programmes
Cosmos-1343	1982-21-A	USSR (PLE)	17 March	208 km 314 km	89.4 min 72.9°		Reconnaissance satellite. Recovered on 31 March 1982
STS-3 Space Shuttle <i>Columbia</i>	1982-22-A	United States NASA (ETR)	22 March	240 km 240 km	89.0 min 38°	2205.0; 2250.0 MHz (FM wideband data link) 2217.5; 2287.5 MHz (PM data link) 259.4 MHz (voice) 296.8 MHz	Third flight of the <i>Columbia</i> re-usable spacecraft. Crew: J. R. Lousma (commander) and C. G. Fullerton (pilot). Objectives: to demonstrate launch vehicle performance, conduct long-duration thermal soak tests and to conduct scientific and applications research with the Office of Space Science payload. Landed on 30 March 1982
18th Molnya-3 3-axis stabilized satellite; mass: 1500 kg	1982-23-A	USSR (PLE)	24 March	656 km 40 615 km	736 min 62.9°	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Transmission of television and multichannel radiocommunications
Cosmos-1344	1982-24-A	USSR (PLE)	24 March	987 km 1023 km	105.0 min 82.9°		Navigation satellite
8th Meteor-2	1982-25-A	USSR (PLE)	25 March	954 km 976 km	104.2 min 82.5°		Meteorological satellite. Scanning telephotometer and television-type scanning equipment (0.5 to 0.7 µm), infrared scanning radiometer (8 to 12 µm)
Cosmos-1345	1982-26-A	USSR (PLE)	31 March	507 km 550 km	95.2 min 74.0°		Radar calibration satellite
Cosmos-1346	1982-27-A	USSR (PLE)	31 March	623 km 675 km	97.6 min 81.0°		Electronic monitoring satellite (ELINT)

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Cosmos-1347	1982-28-A	USSR (BAI)	2 April	181 km 364 km	89.7 min 70.4°		High-resolution photographic reconnaissance satellite. Recovered on 22 May 1982
Cosmos-1348	1982-29-A	USSR (PLE)	7 April	613 km 39 342 km	709 min 62.8°		Early warning satellite
Cosmos-1349	1982-30-A	USSR (PLE)	8 April	984 km 1025 km	105 min 84.0°		Navigation satellite
Insat-1A box-shaped satellite; 1.42×1.55× 2.18 m; solar array	1982-31-A	India (ETR)	10 April	in geostationary orbit at 74° E		6/4 GHz (communications) 5.9/2.6 GHz (direct television broadcasting; radio programmes distribution and disaster warning)	Carries 12 6/4 GHz transponders, two S-band transponders and a radiometry payload to provide 24-hour, half-hourly synoptic observations of weather systems. Owing to a defect in the deployment of an antenna there was a delay in firing the apogee motor. The antenna was finally deployed on 22 April and the satellite placed in geostationary orbit but with a greater consumption of fuel than planned. This could shorten the satellite's 6-7 year lifetime by some 15%
Cosmos-1350	1982-32-A	USSR	15 April	181 km 380 km	89.8 min 67.2°		High-resolution photographic monitoring satellite. Recovered on 16 May 1982
Salyut-7 3-compartment spacecraft; maximum diameter: 4.15 m; height: 14.25 m; mass: 18.9 tonnes; 3 solar panels oriented towards the Sun	1982-33-A	USSR (BAI)	19 April	219 km 278 km	89.2 min 51.6°		Orbital space station. <i>Salyut-7</i> is expected to be used in additional development work towards a permanent Soviet space station using <i>Cosmos-1267</i> type modules
Iskra-2 mass: 28 kg	1982-33-C	USSR MAI	17 May	342 km 357 km	92.3 min 51.6°		Communication satellite launched from the orbital station <i>Salyut-7</i> (1982-33-A). Decayed on 9 July 1982
Cosmos-1351	1982-34-A	USSR (AKY)	21 April	349 km 555 km	93.5 min 50.7°		Radar calibration satellite
Cosmos-1352	1982-35-A	USSR (BAI)	21 April	216 km 383 km	90.2 min 70.4°		Medium-resolution photographic reconnaissance satellite. Recovered on 5 May 1982

Cosmos-1353	1982-36-A	USSR	23 April	218 km 269 km	89.1 min 82.3°		Medium-resolution photographic reconnaissance satellite. Recovered on 6 May 1982
Cosmos-1354	1982-37-A	USSR (PLE)	28 April	795 km 829 km	101 min 74.0°		Communications monitoring satellite
Cosmos-1355	1982-38-A	USSR (BAI)	29 April	438 km 459 km	93.3 min 65.1°		EORSAT (electronic intelligence ocean reconnaissance satellite)
Cosmos-1356	1982-39-A	USSR (PLE)	5 May	632 km 684 km	97.6 min 81.2°		Electronic monitoring satellite (ELINT)
Cosmos-1357 to Cosmos-1364 mass: 40 kg each	1982-40-A to 1982-40-H	USSR (PLE)	6 May	1449 km 1520 km	115.4 min 74.0°		Government communication satellites
Big Bird	1982-41-A	United States USAF (WTR)	11 May	168 km 257 km	88.5 min 96.4°		Reconnaissance satellite. Decayed on 5 December 1982
No name	1982-41-C	United States USAF	11 May	699 km 701 km	98.7 min 96.0°		Electronic monitoring satellite
Soyuz-T5 mass: 6.85 tonnes; length: 6.98 m; diameter: 2.72 m	1982-42-A	USSR (BAI)	13 May	271 km 329 km	90.4 min 51.6°		Two-man spacecraft, crew: cosmonauts A. Berezovoi and V. Lebedev. Docked with <i>Salyut-7</i> on 14 May after which the crew transferred to <i>Salyut-7</i> . Returned to Earth on 27 August 1982, bringing back the crew of <i>Soyuz-T7</i> (1982-80-A)
Cosmos-1365	1982-43-A	USSR (BAI)	14 May	259 km 276 km	89.6 min 65.0°		Nuclear-powered ocean surveillance radar satellite, similar to <i>Cosmos-954</i>
Cosmos-1366	1982-44-A	USSR	17 May	35 820 km geostationary orbit	1437 min 1.5°	SHF	Communication satellite
Cosmos-1367	1982-45-A	USSR (PLE)	20 May	612 km 39 530 km	709 min 62.8°		Early warning satellite

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Cosmos-1368	1982-46-A	USSR (PLE)	21 May	218 km 365 km	90.0 min 70.4°		Medium-resolution reconnaissance satellite. Recovered on 3 June 1982
Progress-13 modified <i>Soyuz</i> spacecraft without the descent section; mass at launch: 7 tonnes	1982-47-A	USSR (BAI)	23 May	191 km 278 km	88.9 min 51.6°		Expendable supply vehicle. Docked with <i>Salyut-7/Soyuz-T5</i> complex on 25 May 1982. Carried two tonnes of cargo including 600 kg of fuel, 290 litres of water, food and technical equipment. <i>Progress-13</i> was undocked on 4 June and deorbited on 6 June 1982
Cosmos-1369	1982-48-A	USSR (PLE)	25 May	229 km 296 km	89.4 min 82.3°		Recovered on 8 June 1982
Cosmos-1370	1982-49-A	USSR	28 May	203 km 290 km	89.2 min 64.9°		Medium-resolution photographic reconnaissance satel- lite. Recovered on 11 July 1982
54th Molnya-1 hermetically-sealed cylinder with conical ends; mass: 1000 kg; 6 solar panels	1982-50-A	USSR (PLE)	29 May	653 km 40 633 km	736 min 62.8°	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Cosmos-1371	1982-51-A	USSR	1 June	793 km 833 km	101 min 74.1°		Communication satellite
Cosmos-1372	1982-52-A	USSR	1 June	258 km 277 km	89.6 min 65.0°		Nuclear-powered ocean surveillance satellite
Cosmos-1373	1982-53-A	USSR	2 June	217 km 368 km	90.1 min 70.4°		Medium-resolution photographic reconnaissance satel- lite. Recovered on 16 June 1982
Cosmos-1374	1982-54-A	USSR (AKY)	3 June	225 km	88.9 min 50.7°		Winged re-usable shuttle-type spacecraft for manned space programme. Recovered in the Indian Ocean on same day as launched

Cosmos-1375	1982-55-A	USSR (PLE)	6 June	990 km 1021 km	105.0 min 65.9°		Satellite intercept programme: target vehicle
Cosmos-1376	1982-56-A	USSR	8 June	227 km 274 km	89.2 min 82.3°		Natural resources satellite. Recovered on 22 June 1982
Cosmos-1377	1982-57-A	USSR	8 June	179 km 362 km	89.7 min 64.9°		High-resolution photographic reconnaissance satellite. Recovered on 22 July 1982
Westar-5 spin-stabilized cylindrical satellite; diameter: 1.80 m; height: 1.60 m; mass at launch: 572 kg; solar cells and batteries	1982-58-A	United States WU (ETR)	9 June	in geostationary orbit at 123° W		4198; 4200 MHz 6/4 GHz band (communications)	United States national communication satellite; 24 trans- ponders with capacity of up to 14 400 telephone circuits
Cosmos-1378	1982-59-A	USSR (PLE)	10 June	648 km 682 km	97.8 min 82.5°		
Cosmos-1379	1982-60-A	USSR (BAI)	18 June	552 km 1027 km	100.3 min 65.8°		Satellite intercept programme: interceptor satellite. Deorbited on 18 June 1982 after intercepting <i>Cosmos-1375</i>
Cosmos-1380	1982-61-A	USSR (PLE)	18 June	156 km 732 km	93.1 min 82.9°		Recovered on 27 June 1982
Cosmos-1381	1982-62-A	USSR (PLE)	18 June	216 km 395 km	90.3 min 70.4°		Medium-resolution photographic reconnaissance satellite. Recovered on 1 July 1982
Soyuz-T6 diameter: 2.72 m; length: 6.98 m; mass: 6.85 tonnes	1982-63-A	USSR (BAI)	24 June	248 km 277 km	89.6 min 51.6°		Three-man spacecraft: V. Dzhanibekov (commander), A. Ivanchenkov (flight engineer), J.-L. Chrétien (France). Docked with <i>Salut-7</i> on 25 June. <i>Soyuz-T6</i> was returned to Earth with its crew on 2 July 1982
Cosmos-1382	1982-64-A	USSR (PLE)	25 June	614 km 39 540 km	709 min 62.8°		Early warning satellite
STS-4 Space Shuttle <i>Columbia</i>	1982-65-A	United States NASA (ETR)	27 June	296.7 km 304.8 km	90.5 min 28.5°	2205.0; 2250.0 MHz (FM wideband data link) 2217.5; 2287.5 MHz (PM data link)	Fourth test flight of the <i>Columbia</i> re-usable spacecraft. Crew: K. Mattingly and H. Hartsfield. Landed at Edwards Air Force Base, California, on 4 July 1982

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Cosmos-1383	1982-66-A	USSR (PLE)	29 June	1004 km 1041 km	105.4 min 83.0°		Navigation satellite
Cosmos-1384	1982-67-A	USSR (PLE)	30 June	181 km 381 km	89.8 min 67.1°		High-resolution photographic reconnaissance satellite. Recovered on 30 July 1982
Cosmos-1385	1982-68-A	USSR (PLE)	6 July	197 km 264 km	88.7 min 82.3°		Reconnaissance satellite. Recovered on 20 July 1982
Cosmos-1386	1982-69-A	USSR (PLE)	7 July	965 km 1010 km	104.6 min 83°		Navigation satellite
Progress-14 modified <i>Soyuz</i> spacecraft without the descent section; mass at launch: 7 tonnes	1982-70-A	USSR (BAI)	10 July	192 km 258 km	88.7 min 51.6°		Expendable supply craft. Docked with <i>Salyut-7</i> on 12 July. Re-entered Earth's atmosphere and burnt up on 13 August 1982
Cosmos-1387	1982-71-A	USSR (PLE)	13 July	219 km 271 km	89.1 min 82.3°		Natural resources satellite. Recovered on 26 July 1982
Landsat-4 3-axis stabilized satellite	1982-72-A	United States NASA (WTR)	16 July	678 km 696 km	98.5 min 98.3°	2287.5 MHz 5 W (telemetry)	Carries instruments for remote sensing
Cosmos-1388 to Cosmos-1395 mass: 40 kg each	1982-73-A to 1982-73-H	USSR (PLE)	21 July	1448 km 1515 km	115.3 min 74.0°		Government communication satellites

55th Molnya-1 hermetically-sealed cylinder with conical ends; mass: 1000 kg; 6 solar panels	1982-74-A	USSR (PLE)	21 July	650 km 38 900 km	701 min 63.0°	800 MHz band 40 W (emission) 1000 MHz band (reception) 3400-4100 MHz (retransmission of television)	Television and multichannel radiocommunications
Cosmos-1396	1982-75-A	USSR	27 July	208 km 323 km	89.5 min 72.9°		Recovered on 10 August 1982
Cosmos-1397	1982-76-A	USSR (AKY)	29 July	346 km 549 km	93.4 min 50.7°		
Cosmos-1398	1982-77-A	USSR (PLE)	3 Aug.	225 km 262 km	89.0 min 82.3°		Reconnaissance satellite. Recovered on 13 August 1982
Cosmos-1399	1982-78-A	USSR (BAI)	4 Aug.	179 km 371 km	89.7 min 64.9°		High-resolution photographic reconnaissance satellite. Recovered on 16 September 1982
Cosmos-1400	1982-79-A	USSR (PLE)	5 Aug.	631 km 675 km	97.6 min 81.2°		Electronic intelligence monitoring satellite (ELINT)
Soyuz-T7 mass: 6850 kg; length: 7.94 m; 2 solar panels	1982-80-A	USSR (BAI)	19 Aug.	228 km 280 km	89.5 min 51.6°		Three-man spacecraft. Crew: L. Popov, A. Serebrov and S. Savitskaya (second female cosmonaut). Docked with <i>Salyut-7</i> on 20 August. The crew of Soyuz-T7 returned to Earth on 27 August in <i>Soyuz-T5</i> landing 70 km north-east of Arkalyk (Kazakhstan). Returned to Earth on 10 December 1982 bringing back the crew of Soyuz-T5/Salyut-7
Cosmos-1401	1982-81-A	USSR	20 Aug.	226 km 282 km	89.3 min 82.3°		Natural resources satellite. Recovered on 3 September 1982
Anik-D1 (Telesat-F)	1982-82-A	Canada Telesat (ETR)	26 Aug.	in geostationary orbit at 104° W		3.7-4.2 GHz 11.5 W (emission)	National communication satellite providing television, data and voice communications

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19th Molnya-3 3-axis stabilized satellite; mass: 1500 kg	1982-83-A	USSR	27 Aug.	494 km 40 814 km	736 min 62.8°	5.9-6.2 GHz (reception) 3.6-3.9 GHz (emission)	Carries equipment for transmitting television and multi-channel radiocommunications
Cosmos-1402	1982-84-A	USSR	30 Aug.	254 km 279 km	89.6 min 65.0°		Nuclear-powered ocean surveillance satellite
Cosmos-1403	1982-85-A	USSR	1 Sept.	216 km 380 km	90.2 min 70.4°		Reconnaissance satellite. Recovered on 15 September 1982
Cosmos-1404	1982-86-A	USSR	1 Sept.	211 km 394 km	90.2 min 72.9°		Reconnaissance satellite. Recovered on 15 September 1982
ETS (Kiku-4) 3-axis stabilized satellite; mass: 385 kg	1982-87-A	Japan NSDA (TSC)	3 Sept.	964 km 1234 km	107 min 45.0°	136 MHz 1.0 W 1705 MHz 1.4 W	Engineering Test Satellite
Cosmos-1405	1982-88-A	USSR	4 Sept.	438 km 456 km	93.3 min 65.0°		Ocean surveillance satellite
Cosmos-1406	1982-89-A	USSR	8 Sept.	222 km 253 km	89.0 min 82.3°		Natural resources satellite. Recovered on 21 September 1982
China-12	1982-90-A	China (Juiquan)	9 Sept.	172 km 393 km	90.2° 63.0°		Scientific experimental satellite. Recovered on 21 September 1982
Cosmos-1407	1982-91-A	USSR (PLE)	15 Sept.	181 km 364 km	89.7 min 67.2°		High-resolution photographic reconnaissance satellite. Recovered on 16 October 1982
Cosmos-1408	1982-92-A	USSR (PLE)	16 Sept.	645 km 679 km	97.8 min 82.5°		Ocean surveillance satellite

Ekran-9 (Statsionar-T) 3-axis stabilized satellite; mass: 5 tonnes; solar cells	1982-93-A	USSR (BAI)	16 Sept.	35 580 km geostationary orbit	1426 min 0.3°	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Television relay satellite
Progress-15 modified <i>Soyuz</i> spacecraft without the descent section; mass at launch: 7 tonnes	1982-94-A	USSR (BAI)	18 Sept.	195 km 258 km	88.7 min 51.6°		Expendable supply craft. Docked with <i>Salyut-7</i> on 20 September. <i>Progress-15</i> 's engines were used to correct the orbit of the space complex. Separated from <i>Salyut-7</i> on 14 October 1982 and was de-orbited over the Pacific Ocean on 16 October 1982
Cosmos-1409	1982-95-A	USSR	22 Sept.	613 km 39 340 km	709 min 62.8°		Early warning satellite
Cosmos-1410	1982-96-A	USSR (PLE)	24 Sept.	1500 km 1522 km	116 min 82.6°		
Intelsat-V F5 3-axis stabilized satellite; height: 6.60 m; mass at launch: 1950 kg; 2 solar arrays (1.2 kW)	1982-97-A	International INTELSAT (ETR)	28 Sept.	35 767 km 35 795 km	1435.8 min 1.5°	6/4 GHz band (communications)	INTELSAT commercial satellite: 12 000 telephone channels and 2 colour television channels
Cosmos-1411	1982-98-A	USSR (PLE)	30 Sept.	208 km 384 km	90.1 min 72.9°		Medium-resolution photographic reconnaissance satellite. Recovered on 14 October 1982
Cosmos-1412	1982-99-A	USSR (BAI)	2 Oct.	255 km 280 km	89.6 min 65.0°		Nuclear-powered ocean surveillance satellite
Cosmos-1413 to Cosmos-1415	1982-100-A, D and F	USSR (BAI)	12 Oct.	19 100 km	673 min 64.8°	1240-1260; 1597-1610; 1610-1617 MHz (in accordance with RR 732)	GLOBAL NAVIGATION SATELLITE SYSTEM (GLONASS). New series of satellites intended for navigation systems for civil aviation and merchant marine. The system will be composed of 9 to 12 satellites in three differently inclined orbits
Cosmos-1416	1982-101-A	USSR (BAI)	14 Oct.	217 km 380 km	90.2 min 70.4°		Medium-resolution reconnaissance satellite. Recovered on 28 October 1982

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Cosmos-1417	1982-102-A	USSR (PLE)	19 Oct.	978 km 1023 km	104.9 min 83.0°		Navigation satellite
Gorizont-6 3-axis stabilized satellite	1982-103-A	USSR (BAI)	20 Oct.	35 800 km geostationary orbit	1437 min 0.8°	3.4-3.9 GHz (emission) 5.7-6.2 GHz (reception)	Communication satellite for transmission of telegraph and telephone messages and television programmes
Cosmos-1418	1982-104-A	USSR (AKY)	21 Oct.	362 km 417 km	92.2 min 50.7°		Radar calibration satellite
RCA-Satcom-5 3-axis stabilized satellite; mass: 1082 kg; solar panels	1982-105-A	United States RCA Corporation (ETR)	28 Oct.	237 km 4218 km in geostationary orbit at 128° W	132.4 min 26.7°	3.7-4.2 GHz	National communication satellite. Twenty-four solid state C-band transponders, each of which can carry 1500 two-way voice circuits or one colour television transmission
No name	1982-106-A	United States	30 Oct.				
No name	1982-106-B	United States	30 Oct.				
Progress-16 modified <i>Soyuz</i> spacecraft without the descent section; mass at launch: 7 tonnes	1982-107-A	USSR	31 Oct.	193 km 263 km	88.7 min 51.6°		Expendable supply craft. Docked with <i>Salyut-7</i> on 2 November 1982 and delivered fuel for the station's engines, research materials and supplies and mail for the crew. Separated on 13 December 1982 and burnt up on re-entry on 14 December
Cosmos-1419	1982-108-A	USSR (BAI)	2 Nov.	216 km 290 km	89.3 min 70.4°		Medium-resolution reconnaissance satellite. Recovered on 16 November 1982
Cosmos-1420	1982-109-A	USSR (PLE)	11 Nov.	782 km 820 km	100.8 min 74.0°		Communications monitoring satellite

STS-5 Space Shuttle <i>Columbia</i>	1982-110-A	United States NASA (ETR)	11 Nov.	296 km 302 km	90.3 min 28.5°	2205.0; 2250.0 MHz (FM wideband data link) 2217.5; 2287.5 MHz (PM data link)	Re-usable spacecraft. Crew: V. Brand and R. Overmyer (pilots), J. Allen and W. Lenoir (mission specialists). First operational mission. Principal objective: to launch while in orbit two communication satellites. Landed at Edwards Air Force Base on 16 November 1982
SBS-3 mass: 550 kg	1982-110-B	United States SBS	11 Nov.	in geostationary orbit at 94° W		14/12 GHz (communications)	Commercial satellite providing digital communications-voice, data, telefax, teleconferencing
Telesat-5 (Anik-C3)	1982-110-C	Canada Telesat	12 Nov.	in geostationary orbit at 117.5° W			National communication satellite providing voice and television communications across Canada
No name	1982-111-A	United States USAF (WTR)	17 Nov.				Reconnaissance satellite
Cosmos-1421	1982-112-A	USSR	18 Nov.	216 km 286 km	89.2 min 70.4°		Reconnaissance satellite. Recovered on 2 December 1982
Iskra-3	1982-33-AD	USSR	18 Nov.	350 km 365 km	91.5 min 51.6°	29.583 MHz (telemetry)	Amateur radio satellite launched from <i>Salyut-7</i> orbiting space station (1982-33-A). Decayed on 16 December 1982
Raduga-10 3-axis stabilized satellite; mass: 5 tonnes; solar cells	1982-113-A	USSR	26 Nov.	36 640 km geostationary orbit	1480 min (24 h 40 min) 1.3°	5.7-6.2 GHz (reception) 3.4-3.9 GHz (emission)	Carries apparatus for transmitting television programmes and multichannel radiocommunications
Cosmos-1422	1982-114-A	USSR	3 Dec.	208 km 314 km	89 min 73.0°		Photographic reconnaissance satellite. Recovered on 17 December 1982
Cosmos-1423	1982-115-A	USSR	8 Dec.	401 km 575 km	94.3 min 62.8°		Electronic intelligence monitoring satellite (ELINT)
9th Meteor-2	1982-116-A	USSR (PLE)	14 Dec.	836 km 904 km	102 min 81.3°	137.3 MHz 5W (APT)	Meteorological satellite. Scanning telephotometer and television-type scanning equipment (0.5 to 0.7 µm). Infra-red scanning radiometer (8 to 12 µm)

<i>Code name Spacecraft description</i>	<i>International number</i>	<i>Country Organization Site of launching</i>	<i>Date</i>	<i>Perigee Apogee</i>	<i>Period Inclination</i>	<i>Frequencies Transmitter power</i>	<i>Observations</i>
Cosmos-1424	1982-117-A	USSR	16 Dec.	179.4 km 371 km	89.7 min 64.9°		High-resolution reconnaissance satellite
DMSP mass: 750 kg	1982-118-A	United States (WTR)	21 Dec.				Defense Meteorological Satellite Program. Block 5D2
Cosmos-1425	1982-119-A	USSR	23 Dec.	237 km 374 km	90.3 min 70.0°		
Cosmos-1426	1982-120-A	USSR	28 Dec.	209 km 377 km	90.0 min 50.6°		
Cosmos-1427	1982-121-A	USSR	29 Dec.	460 km 494 km	94 min 65.8°		Radar calibration satellite for satellite intercept programme

AKY = Aktubinsk-Kapustin Yar (USSR)
 BAI = Baikonur (USRR)
 ETR = Eastern Test Range (United States)
 INTELSAT = International Telecommunications Satellite Organization
 MAI = Moscow Aeronautical Institute (USSR)

NASA = National Aeronautics and Space Administration (United States)
 NSDA = National Space Development Agency (Japan)
 PLE = Plesetsk (USSR)

SBS = Satellite Business Systems (United States)
 TSC = Tanegashima Space Centre (Japan)
 USAF = United States Air Force
 WTR = Western Test Range (United States)
 WU = Western Union

*The following satellites have decayed since the preparation of the
 "Table of artificial satellites launched in 1981" published in April 1982*

<i>satellite</i>	<i>international number</i>	<i>decay</i>		<i>satellite</i>	<i>international number</i>	<i>decay</i>
Polyot-1	1963-43-A	16 October 1982		HEAO-2	1978-103-A	25 March 1982
Intelsat-II F1	1966-96-A	7 September 1982		KH-11	1980-10-A	10 October 1982
Cosmos-144	1967-18-A	14 September 1982		Intercosmos-21	1981-11-A	7 July 1982
OSO-3	1967-20-A	4 April 1982		Cosmos-1260	1981-28-A	22 May 1982
OSO-4	1967-100-A	15 June 1982		Cosmos-1267	1981-39-A	29 July 1982
SESP-1	1971-54-A	31 January 1982		Cosmos-1286	1981-72-A	16 October 1982
D-2B	1975-92-A	30 September 1982		Cosmos-1306	1981-89-A	16 July 1982
Cosmos-956	1977-95-A	27 June 1982		China-9 (2)	1981-93-B	17 August 1982
Salyut-6	1977-97-A	29 July 1982		China-9 (3)	1981-93-D	6 October 1982

Any complementary information or remarks concerning the contents or presentation of this table will be welcome. They should be addressed to: The Editor-in-Chief, Telecommunication Journal, International Telecommunication Union, Place des Nations, CH-1211 Genève 20 (Switzerland).

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