







'Megha-Tropiques, the latest satellite'

INDIAN SATELLITES AND LAUNCH VEHICLES

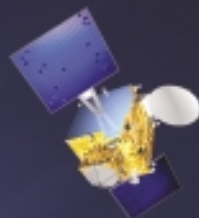




SL. NO.	NAME		DATE OF LAUNCH	WEIGHT (KG)	LAUNCH VEHICLE
1.	ARYABHATA		19.04.1975	358	C-1 INTERCOSMOS, USSR
2.	BHASKARA-1		07.06.1979	444	C-1 INTERCOSMOS, USSR
3.	RTP		10.08.1979	35	SLV-3, INDIA
4.	RS-1		18.07.1980	35	SLV-3, INDIA
5.	RS-D1		31.05.1981	38	SLV-3, INDIA
6.	APPLE		19.06.1981	670	ARIANE, EUROPE
7.	BHASKARA-2		20.11.1981	436	C-1 INTERCOSMOS, USSR
8.	INSAT-1A		10.04.1982	1150	DELTA, USA
9.	RS-D2		17.04.1983	41.5	SLV-3, INDIA
10.	INSAT-1B		30.08.1983	1194	SPACE SHUTTLE, USA
11.	SROSS-1		24.03.1987	150	ASLV, INDIA
12.	IRS-1A		17.03.1988	980	VOSTOK, USSR
13.	SROSS-2		13.07.1988	150	ASLV, INDIA
14.	INSAT-1C		22.07.1988	1190	ARIANE, EUROPE
15.	INSAT-1D		12.06.1990	1293	DELTA, USA
16.	IRS-1B		29.08.1991	990	VOSTOK, USSR
17.	SROSS-C		20.05.1992	106	ASLV, INDIA
18.	INSAT-2A		10.07.1992	1906	ARIANE, EUROPE
19.	INSAT-2B		23.07.1993	1932	ARIANE, EUROPE
20.	IRS-1E		20.09.1993	845	PSLV, INDIA
21.	SROSS-C2		04.05.1994	113	ASLV, INDIA
22.	IRS-P2		15.10.1994	904	PSLV, INDIA



SL. NO.	NAME	DATE OF LAUNCH	WEIGHT (KG)	LAUNCH VEHICLE
23.	INSAT-2C	07.12.1995	2050	ARIANE, EUROPE
24.	IRS-1C	28.12.1995	1250	MOLNIYA, RUSSIA
25.	IRS-P3	21.03.1996	920	PSLV, INDIA
26.	INSAT-2D	04.06.1997	2070	ARIANE, EUROPE
27.	IRS-1D	29.09.1997	1200	PSLV-C1, INDIA
28.	INSAT-2DT	(PROCURED IN ORBIT FROM ARABSAT IN JANUARY 1998)		
29.	INSAT-2E	03.04.1999	2550	ARIANE, EUROPE
30.	IRS-P4	26.05.1999	1050	PSLV-C2, INDIA
31.	INSAT-3B	22.03.2000	2070	ARIANE, EUROPE
32.	GSAT-1	18.04.2001	1530	GSLV-D1, INDIA
33.	TES	22.10.2001	1108	PSLV-C3, INDIA
34.	INSAT-3C	24.01.2002	2750	ARIANE, EUROPE
35.	KALPANA-1	12.09.2002	1060	PSLV-C4, INDIA
36.	INSAT-3A	10.04.2003	2950	ARIANE, EUROPE
37.	GSAT-2	08.05.2003	1825	GSLV-D2, INDIA
38.	INSAT-3E	28.09.2003	2775	ARIANE, EUROPE
39.	RESOURCESAT-1	17.10.2003	1360	PSLV-C5, INDIA
40.	EDUSAT	20.09.2004	1950	GSLV-F01, INDIA
41.	CARTOSAT-1	05.05.2005	1560	PSLV-C6, INDIA
42.	HAMSAT	05.05.2005	42	PSLV-C6, INDIA
43.	INSAT-4A	22.12.2005	3080	ARIANE, EUROPE
44.	INSAT-4C	10.07.2006	2168	GSLV-F02, INDIA



SL. NO.	NAME	DATE OF LAUNCH	WEIGHT (KG)	LAUNCH VEHICLE	
45.	CARTOSAT-2		10.01.2007	650	PSLV-C7, INDIA
46.	SRE-1		10.01.2007	550	PSLV-C7, INDIA
47.	INSAT-4B		12.03.2007	3025	ARIANE, EUROPE
48.	INSAT-4CR		02.09.2007	2140	GSLV-F04, INDIA
49.	CARTOSAT-2A		28.04.2008	690	PSLV-C9, INDIA
50.	IMS-1		28.04.2008	83	PSLV-C9, INDIA
51.	CHANDRAYAAN-1		22.10.2008	1380	PSLV-C11, INDIA
52.	RISAT-2		20.04.2009	300	PSLV-C12, INDIA
53.	ANUSAT		20.04.2009	40	PSLV-C12, INDIA
54.	OCEANSAT-2		23.09.2009	960	PSLV-C14, INDIA
55.	GSAT-4		15.04.2010	2218	GSLV-D3, INDIA
56.	CARTOSAT-2B		12.07.2010	694	PSLV-C15, INDIA
57.	STUDSAT		12.07.2010	0.65	PSLV-C15, INDIA
58.	GSAT-5P		25.12.2010	2310	GSLV-F06, INDIA
59.	RESOURCESAT-2		20.04.2011	1206	PSLV-C16, INDIA
60.	YOUTHSAT		20.04.2011	92	PSLV-C16, INDIA
61.	GSAT-8		21.05.2011	3093	ARIANE, EUROPE
62.	GSAT-12		15-07-2011	1410	PSLV-C17, INDIA
63.	MEGHA-TROPIQUES		12-10-2011	1000	PSLV-C18, INDIA
64.	SRMSat		12-10-2011	10.9	PSLV-C18, INDIA
65.	Jugnu		12-10-2011	3	PSLV-C18, INDIA


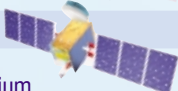
● Satellites in Service

● Could not reach orbit

SATELLITES OF OTHER COUNTRIES LAUNCHED BY INDIA

SL. NO.	NAME	DATE OF LAUNCH	WEIGHT (KG)	LAUNCH VEHICLE
1.	DLR-TUBSAT , GERMANY 	26.05.1999	45	PSLV-C2
2.	KITSAT-3 , REPUBLIC OF KOREA 	26.05.1999	110	PSLV-C2
3.	BIRD , GERMANY 	22.10.2001	92	PSLV-C3
4.	PROBA , BELGIUM 	22.10.2001	94	PSLV-C3
5.	LAPAN-TUBSAT , INDONESIA 	10.01.2007	56	PSLV-C7
6.	PEHUENSAT-1 , ARGENTINA 	10.01.2007	6	PSLV-C7
7.	AGILE , ITALY 	23.04.2007	350	PSLV-C8
8.	TECSAR , ISRAEL 	21.01.2008	300	PSLV-C10
9.	CAN-X2 , CANADA 	28.04.2008	7	PSLV-C9
10.	CUTE-1.7 , JAPAN 	28.04.2008	5	PSLV-C9
11.	DELFI-C3 , THE NETHERLANDS 	28.04.2008	6.5	PSLV-C9
12.	AAUSAT-II , DENMARK 	28.04.2008	3	PSLV-C9
13.	COMPASS-I , GERMANY 	28.04.2008	3	PSLV-C9
14.	SEEDS , JAPAN 	28.04.2008	3	PSLV-C9
15.	NLS-5 , CANADA 	28.04.2008	16	PSLV-C9
16.	RUBIN-8 , GERMANY 	28.04.2008	8	PSLV-C9
17.	CUBESAT-1 , GERMANY 	23.09.2009	1	PSLV-C14
18.	CUBESAT-2 , GERMANY 	23.09.2009	1	PSLV-C14
19.	CUBESAT-3 , TURKEY 	23.09.2009	1	PSLV-C14
20.	CUBESAT-4 , SWITZERLAND 	23.09.2009	1	PSLV-C14
21.	RUBIN-9.1 , GERMANY 	23.09.2009	1	PSLV-C14
22.	RUBIN-9.2 , GERMANY 	23.09.2009	1	PSLV-C14
23.	ALSAT-2A , ALGERIA 	12.07.2010	116	PSLV-C15
24.	NLS-6.1 AISSAT-1 , CANADA 	12.07.2010	6.5	PSLV-C15
25.	NLS-6.2 TISAT-1 , SWITZERLAND 	12.07.2010	1	PSLV-C15
26.	X-SAT , SINGAPORE 	20.04.2011	106	PSLV-C16
27.	VesselSat-1 , Luxembourg 	12.10.2011	28.7	PSLV-C18

SATELLITES BUILT FOR INTERNATIONAL CUSTOMERS

SL. NO.	NAME	DATE OF LAUNCH	WEIGHT (KG)	LAUNCH VEHICLE
1.	W2M* 	21.12.2008	3463	ARIANE 5, EUROPE
2.	HYLAS* 	27.11.2010	2541	ARIANE 5, EUROPE

* Jointly with EADS Astrium

INDIAN LAUNCH VEHICLES



	SLV-3	ASLV	PSLV (Standard Configuration)	GSLV
HEIGHT	22.7 m	23.5 m	44 m	49 m
LIFT-OFF WEIGHT	17 t	39 t	295 t	414 t
PROPULSION	All Solid	All Solid	Solid & Liquid	Solid, Liquid & Cryogenic
PAYLOAD MASS	40 kg	150 kg	1650 kg	2200 kg
ORBIT	Low Earth Orbit	Low Earth Orbit	630 km Sun Synchronous Polar Orbit (1050 kg in Geosynchronous Transfer Orbit)	Geosynchronous Transfer Orbit



INDIAN SPACE RESEARCH ORGANISATION
www.isro.gov.in

Published by Publications and Public Relations, ISRO HQ, Bangalore-560 231
Designed by Imagic Creatives, Bangalore. Printed at Sharadh Enterprises, Bangalore.