

List of Indian Satellites

List of Communication Satellites

	Launch Date	Launch Mass	Launch Vehicle	Application	Remarks
GSAT-6A	Mar 29, 2018		GSLV-F08/GSAT-6A Mission	Communication	
GSAT-17	Jun 29, 2017	3477 kg	Ariane-5 VA-238	Communication	
GSAT-19	Jun 05, 2017	3136 Kg	GSLV Mk III-D1/GSAT-19 Mission	Communication	
GSAT-9	May 05, 2017	2230 kg	GSLV-F09 / GSAT-9	Communication	
GSAT-18	Oct 06, 2016	3404 kg	Ariane-5 VA-231	Communication	
GSAT-15	Nov 11, 2015	3164 kg	Ariane-5 VA-227	Communication, Navigation	
GSAT-6	Aug 27, 2015	2117 kg	GSLV-D6	Communication	
GSAT-16	Dec 07, 2014	3181.6 kg	Ariane-5 VA-221	Communication	

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GSAT-14	Jan 05, 2014	1982 kg	GSLV-D5/GSAT-14	Communication	
GSAT-7	Aug 30, 2013	2650 kg	Ariane-5 VA-215	Communication	
GSAT-10	Sep 29, 2012	3400 kg	Ariane-5 VA-209	Communication, Navigation	
GSAT-12	Jul 15, 2011	1410 kg	PSLV-C17/GSAT-12	Communication	
GSAT-8	May 21, 2011	3093 kg	Ariane-5 VA-202	Communication, Navigation	
GSAT-5P	Dec 25, 2010	2310 kg	GSLV-F06 / GSAT-5P	Communication	Launch Unsuccessful
GSAT-4	Apr 15, 2010	2220 Kg	GSLV-D3 / GSAT-4	Communication	Launch Unsuccessful
INSAT-4CR	Sep 02, 2007	2,130 kg	GSLV-F04 / INSAT-4CR	Communication	
INSAT-4B	Mar 12, 2007	3025 Kg	Ariane5	Communication	

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INSAT-4C	Jul 10, 2006		GSLV-F02 / INSAT-4C	Communication	Launch Unsuccessful
INSAT-4A	Dec 22, 2005	3081 Kg	Ariane5-V169	Communication	
HAMSAT	May 05, 2005		PSLV-C6/CARTOSAT-1/HAMSAT	Communication	
EDUSAT	Sep 20, 2004	1950.5 kg	GSLV-F01 / EDUSAT(GSAT-3)	Communication	
INSAT-3E	Sep 28, 2003	2,775 Kg	Ariane5-V162	Communication	
GSAT-2	May 08, 2003	1800 Kg	GSLV-D2 / GSAT-2	Communication	
INSAT-3A	Apr 10, 2003	2,950 Kg	Ariane5-V160	Climate & Environment, Communication	
KALPANA-1	Sep 12, 2002	1060 Kg	PSLV-C4 /KALPANA-1	Climate & Environment, Communication	

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INSAT-3C	Jan 24, 2002	2,650 Kg	Ariane5-V147	Climate & Environment, Communication	
GSAT-1	Apr 18, 2001	1530 Kg	GSLV-D1 / GSAT-1	Communication	
INSAT-3B	Mar 22, 2000	2,070 Kg	Ariane-5G	Communication	
INSAT-2E	Apr 03, 1999	2,550 Kg	Ariane-42P H10-3	Communication	
INSAT-2D	Jun 04, 1997	2079 Kg	Ariane-44L H10-3	Communication	Failed in Orbit
INSAT-2C	Dec 07, 1995	2106 Kg	Ariane-44L H10-3	Communication	
INSAT-2B	Jul 23, 1993	1906 kg	Ariane-44L H10+	Communication	
INSAT-2A	Jul 10, 1992	1906 kg	Ariane-44L H10	Communication	
INSAT-1D	Jun 12, 1990		Delta 4925	Communication	

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INSAT-1C	Jul 22, 1988		Ariane-3	Communication	Partial Failure in Orbit
INSAT-1B	Aug 30, 1983		Shuttle [PAM-D]	Communication	
INSAT-1A	Apr 10, 1982		Delta	Communication	Failed in Orbit

List of Earth Observation Satellites

	Launch Date	Launch Mass	Launch Vehicle	Orbit Type	Application	Remarks
Cartosat-2 Series Satellite	Jan 12, 2018	710 Kg	PSLV-C40/Cartosat-2 Series Satellite Mission	SSPO	Earth Observation	
Cartosat-2 Series Satellite	Jun 23, 2017	712 kg	PSLV-C38 / Cartosat-2 Series Satellite	SSPO	Earth Observation	
Cartosat -2 Series Satellite	Feb 15, 2017	714 kg	PSLV-C37 / Cartosat -2 Series Satellite	SSPO	Earth Observation	

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RESOURCESAT-2A	Dec 07, 2016	1235 kg	PSLV-C36 / RESOURCESAT-2A	SSPO	Earth Observation	
SCATSAT-1	Sep 26, 2016	371 kg	PSLV-C35 / SCATSAT-1	SSPO	Climate & Environment	
INSAT-3DR	Sep 08, 2016	2211 kg	GSLV-F05 / INSAT-3DR	GSO	Climate & Environment, Disaster Management System	
CARTOSAT-2 Series Satellite	Jun 22, 2016	737.5 kg	PSLV-C34 / CARTOSAT-2 Series Satellite	SSPO	Earth Observation	
INSAT-3D	Jul 26, 2013	2060 Kg	Ariane-5 VA-214	GSO	Climate & Environment, Disaster Management System	
SARAL	Feb 25, 2013	407 kg	PSLV-C20/SARAL	SSPO	Climate & Environment, Earth Observation	

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RISAT-1	Apr 26, 2012	1858 kg	PSLV-C19/RISAT-1	SSPO	Earth Observation	
Megha-Tropiques	Oct 12, 2011	1000 kg	PSLV-C18/Megha-Tropiques	SSPO	Climate & Environment, Earth Observation	
RESOURCESAT-2	Apr 20, 2011	1206 kg	PSLV-C16/RESOURCESAT-2	SSPO	Earth Observation	
CARTOSAT-2B	Jul 12, 2010	694 kg	PSLV-C15/CARTOSAT-2B	SSPO	Earth Observation	
Oceansat-2	Sep 23, 2009	960 kg	PSLV-C14 / OCEANSAT-2	SSPO	Climate & Environment, Earth Observation	
RISAT-2	Apr 20, 2009	300 kg	PSLV-C12 / RISAT-2	SSPO	Earth Observation	
CARTOSAT – 2A	Apr 28, 2008	690 Kg	PSLV-C9 / CARTOSAT – 2A	SSPO	Earth Observation	
IMS-1	Apr 28, 2008	83 kg	PSLV-C9 / CARTOSAT – 2A	SSPO	Earth Observation	

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CARTOSAT-2	Jan 10, 2007	650 kg	PSLV-C7 / CARTOSAT-2 / SRE-1	SSPO	Earth Observation	
CARTOSAT-1	May 05, 2005	1560 kg	PSLV-C6/CARTOSAT-1/HAMSAT	SSPO	Earth Observation	
IRS-P6 / RESOURCESAT-1	Oct 17, 2003	1360 kg	PSLV-C5 /RESOURCESAT-1	SSPO	Earth Observation	
The Technology Experiment Satellite (TES)	Oct 22, 2001		PSLV-C3 / TES	SSPO	Earth Observation	
Oceansat(IRS-P4)	May 26, 1999	1050 kg	PSLV-C2/IRS-P4	SSPO	Earth Observation	
IRS-1D	Sep 29, 1997	1250kg	PSLV-C1 / IRS-1D	SSPO	Earth Observation	
IRS-P3	Mar 21, 1996	920 kg	PSLV-D3 / IRS-P3	SSPO	Earth Observation	

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IRS-1C	Dec 28, 1995	1250 kg	Molniya	SSPO	Earth Observation	
IRS-P2	Oct 15, 1994	804 kg	PSLV-D2	SSPO	Earth Observation	
IRS-1E	Sep 20, 1993	846 kg	PSLV-D1	LEO	Earth Observation	Launch Unsuccessful
IRS-1B	Aug 29, 1991	975 kg	Vostok	SSPO	Earth Observation	
SROSS-2	Jul 13, 1988	150 kg	ASLV-D2		Earth Observation, Experimental	Launch Unsuccessful
IRS-1A	Mar 17, 1988	975 kg	Vostok	SSPO	Earth Observation	
Rohini Satellite RS-D2	Apr 17, 1983	41.5 kg	SLV-3	LEO	Earth Observation	
Bhaskara-II	Nov 20, 1981	444 kg	C-1 Intercosmos	LEO	Earth Observation, Experimental	

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Rohini Satellite RS-D1	May 31, 1981	38 kg	SLV-3D1	LEO	Earth Observation	
Bhaskara-I	Jun 07, 1979	442 kg	C-1Intercosmos	LEO	Earth Observation, Experimental	