National Aeronautics and Space Administration

Major NASA ELV Launches

Volume 2 (1990 to present)

Major Eastern Range and Western Range Launches

This chart lists all major NASA launches from 1990 through 2006, except those of the Space Shuttle. (Space Shuttle launches are listed on KSC Historical Report No. 1B (KHR-1B), "Space Shuttle Launches," which is available from the Kennedy Space Center.)

Most launches were from Kennedy Space Center and Cape Canaveral Air Force Station (Eastern Range) in Florida, and Vandenberg Air Force Base (Western Range) in California.

(S = successful. U = unsuccessful. P = launch successful, mission failure)

Eastern Range

(Cape Canaveral Air Force Station)

Mission Name	Launch Date	Launch Vehicle	Launch Pad	Results
ROSAT	06/01/90	Delta II (USAF)	Launch Complex 17-A	S
CRRES	07/25/90	Atlas/Centaur	Launch Complex 36-B	S
EUVE	06/07/92	Delta II (USAF)	Launch Complex 17-A	S
Geotail	07/24/92	Delta II	Launch Complex 17-A	S
Mars Observer	09/25/92	Titan III	Launch Complex 40	P
GOES-I	04/13/94	Atlas/Centaur	Launch Complex 36-B	S
Wind	11/01/94	Delta II	Launch Complex 17-B	S
GOES-J	05/23/95	Atlas/Centaur	Launch Complex 36-B	S
SOHO	12/02/95	Atlas IIAS	Launch Complex 36-B	S
XTE	12/30/95	Delta II	Launch Complex 17-A	S
NEAR	02/17/96	Delta II	Launch Complex 17-B	S
Mars Global Surveyor	11/07/96	Delta II	Launch Complex 17-A	S
Mars Pathfinder	12/04/96	Delta II	Launch Complex 17-B	S
GOES-K	04/25/97	Atlas/Centaur	Launch Complex 36-B	S
ACE	08/25/97	Delta II	Launch Complex 17-A	S
Cassini	10/15/97	Titan IV/Centaur	Launch Complex 40	S
Lunar Prospector	01/06/98	Athena II	Launch Complex 46	S
Deep Space 1	10/24/98	Delta II	Launch Complex 17-A	S
Mars Climate Orbiter	12/11/98	Delta II	Launch Complex 17-A	P
Mars Polar Lander	01/03/99	Delta II	Launch Complex 17-B	P
Stardust	02/07/99	Delta II	Launch Complex 17-A	S
FUSE	06/24/99	Delta II	Launch Complex 17-A	S
GOES-L	05/03/00	Atlas IIA	Launch Complex 36-A	S
TDRS-H	06/30/00	Atlas IIA	Launch Complex 36-B	S
2001 Mars Odyssey	04/07/01	Delta II	Launch Complex 17-A	S
MAP	06/30/01	Delta II	Launch Complex 17-B	S
GOES-M	04/23/01	Atlas II	Launch Complex 36-A	S
Genesis	08/08/01	Delta II	Launch Complex 17-A	S
HESSI	02/05/02	Pegasus XL	L-1011 carrier aircraft	S
TDRS-I	03/08/02	Atlas II	Launch Complex 36-A	S
CONTOUR	04/03/02	Delta II	Launch Complex 17-A	S
TDRS-J	12/04/02	Atlas IIA	Launch Complex 36-A	S
SORCE	01/25/03	Pegasus XL	L-1011 carrier aircraft	S
GALEX	04/28/03	Pegasus XL	L-1011 carrier aircraft	S
MER-A Spirit	06/10/03	Delta II	Launch Complex 17-A	S
MER-B Opportunity	07/07/03	Delta II Heavy	Launch Complex 17-B	S
Spitzer (SIRTF)	08/25/03	Delta II Heavy	Launch Complex 17-B	S
MESSENGER	08/03/04	Delta II Heavy	Launch Complex 17-B	S
Swift	11/20/04	Delta II	Launch Complex 17-A	S
Deep Impact	01/12/05	Delta II	Launch Complex 17-B	S
Mars Reconnaissance Orbiter	08/12/05	Atlas V	Launch Complex 41	S
New Horizons	01/19/06	Atlas V	Launch Complex 41	S

Western Range

(Vandenberg Air Force Base)

Mission Name	Launch Date	Launch Vehicle	Launch Pad	Results
NOAA-D (TIROS)	05/14/91	Atlas-E	Space Launch Complex 4	S
REX	06/29/91	Scout 216	Space Launch Complex 5	S
SAMPEX	07/03/92	Scout 215	Space Launch Complex 5	S
MSTI I	11/21/92	Scout 210	Space Launch Complex 5	S
RADCAL	06/25/93	Scout 217	Space Launch Complex 5	S
NOAA-I (TIROS)	08/09/93	Atlas-E	Space Launch Complex 4	P
MSTI II	05/08/94	Scout 218	Space Launch Complex 5	S
NOAA-J (TIROS)	12/30/94	Atlas-E	Space Launch Complex 4	S
RADARSAT; SURFSAT-1	11/04/95	Delta II	Space Launch Complex 2	S
Polar	02/24/96	Delta II	Space Launch Complex 2	S
TOMS-EP	07/02/96	Pegasus XL	L-1011 carrier aircraft	S
FAST	08/21/96	Pegasus XL	L-1011 carrier aircraft	S
SeaStar/SeaWiFS	08/01/97	Pegasus XL)	L-1011 carrier aircraft	S
Lewis	08/23/97	LMLV (commercial)	Space Launch Complex 6	U
SNOE	02/26/98	Pegasus XL	L-1011 carrier aircraft	S
TRACE	04/01/98	Pegasus XL	L-1011 carrier aircraft	S
NOAA-K	05/13/98	Titan II (USAF)	Space Launch Complex 3E	S
SWAS	12/05/98	Pegasus XL	L-1011 carrier aircraft	S
WIRE	03/04/99	Pegasus XL	L-1011 carrier aircraft	S
Landsat 7	04/15/99	Delta II	Space Launch Complex 2W	S
TERRIERS	05/18/99	Pegasus	L-1011 carrier aircraft	P
QuikSCAT	06/19/99	Titan II (USAF)	Space Launch Complex 4W	S
ACRIMSAT	12/20/99	Taurus	Space Launch Complex 576E	S
TERRA	12/18/99	Atlas IIAS	Space Launch Complex 3E	S
IMAGE	03/25/00	Delta II	Space Launch Complex 2W	S
NOAA-L	09/21/00	Titan II (USAF)	Space Launch Complex 4E	S

(Western range continued on back)

Western Range (continued)

Mission Name	Launch Date	Launch Vehicle	Launch Pad	Results
EO-1/SAC-C	11/21/00	Delta II	Space Launch Complex 2W	S
QuikTOMS	09/21/01	Taurus (commercial)	Space Launch Complex 576E	U
Jason-1/TIMED	12/07/01	Delta II	Space Launch Complex 2W	S
NOAA-M	06/24/02	Titan II	Space Launch Complex 4E	S
AQUA-EOS PM	05/04/02	Delta 7920-10L	Space Launch Complex 2W	S
ICESAT/CHIPSAT	01/12/03	Delta II	Space Launch Complex 2	S
SCISAT	08/12/03	Pegasus XL	L-1011 carrier aircraft	S
Aura	07/15/04	Delta II	Space Launch Complex 2	S
Gravity Probe B	04/20/04	Delta II	Space Launch Complex 2	S
DART	04/15/05	Pegasus XL	L-1011 carrier aircraft	S
NOAA-N	05/20/05	Delta II	Space Launch Complex 2	S

Other Launch Sites

SAC-B/HETE	11/04/96	Pegasus XL	Wallops Flight Facility	U
HETE-II	10/09/00	Pegasus XL	L-1011 aircraft, Regan Test Site, Kwajalein Atoll, Marshall Islands	S
Kodiak Star	10/29/01	Athena I	Kodiak Island, Alaska	S

More information about expendable launch vehicles since 1990 can be found on the NASA Web site:

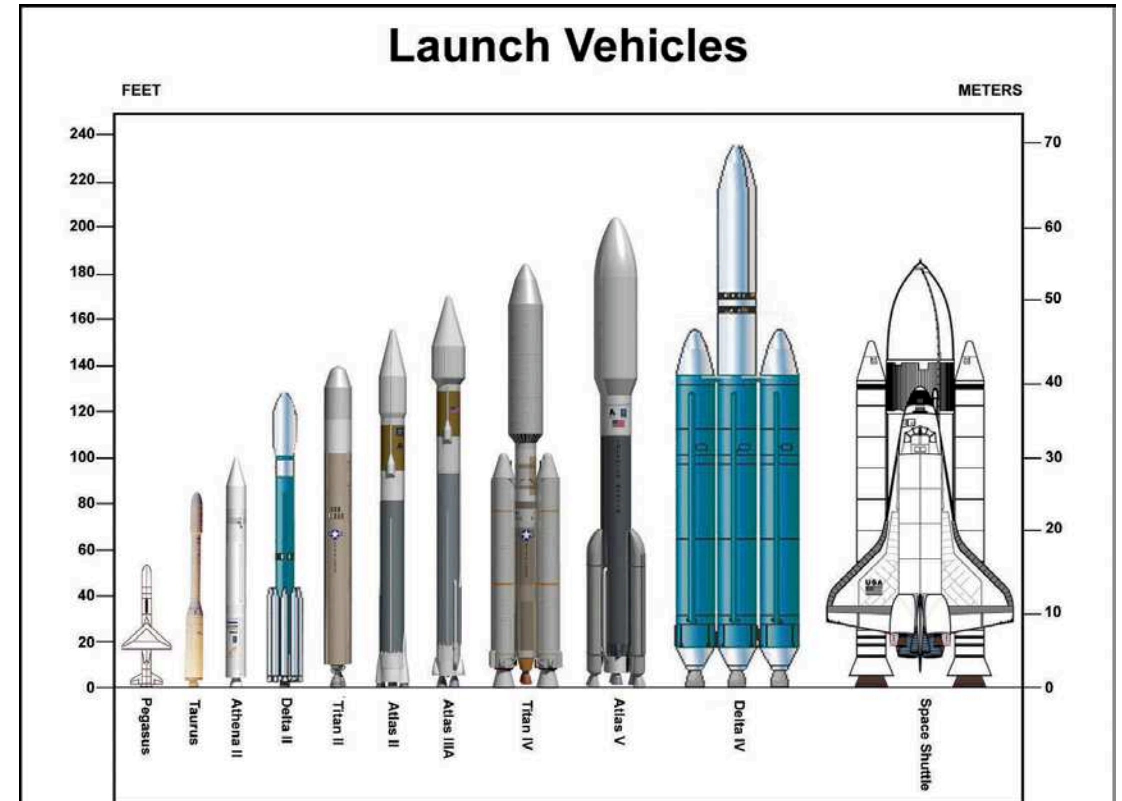
http://www.nasa.gov/centers/kennedy/pdf/67453main_elv2003.pdf

For earlier ELV launches, go to the Web site:

http://www-pao.ksc.nasa.gov/kscpao/nasafact/pdf/majorlaunch.pdf

or go to:

http://www.nasa.gov/centers/kennedy/launchingrockets/archives/2006.html



* Space Shuttle shown for size (height) comparison only