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| 1977 | |  |  | | --- | --- | |  | American congress approves funding for the Large Space Telescope | |
| 1978 | Astronauts begin training for space telescope missions |
| 1979 | Work begins on the telescope’s 2.4-metre mirror |
| 1981 | Space Telescope Science Institute (STScI) begins operations in Baltimore, Maryland |
| 1983 | The Large Space Telescope is renamed Hubble, after Edwin P. Hubble, the astronomer who proved the existence of other galaxies and discovered the first evidence for an expanding universe |
| 1990 | |  |  |  | | --- | --- | --- | |  | Launch: Shuttle Discovery (STS-31) launched on 24 April 1990. Hubble deployed on 25 April 1990. |  | |  | Damage discovered in the Hubble primary mirror, 25 June 1990. |  | |
| 1993 | |  |  | | --- | --- | |  | First Servicing Mission (STS-61) launched on 2 December 1993 (Endeavour).  COSTAR corrective optics installed, replacing HSP (High Speed Photometer) and cameras. | |
| 1994 | Hubble takes pictures of comet Shoemaker Levy 9 as it hits Jupiter. |
| 1995 | Hubble takes the famous “pillars of creation” photo of the Eagle Nebula. |
| 1996 | The first Hubble Deep Field is released, showing the unimaginable number of galaxies in the Universe. |
| 1997 | Servicing Mission 2 (STS-82) launched on 11 February 1997 (Discovery). |
| 1998 | HST Orbital Systems Test (HOST - STS-95) launched on 29 October 1998 (Discovery). The HOST mission was flown to test new technologies to be used in Hubble on the Third Servicing Mission and beyond. |
| 1999 | **Servicing Mission 3A** (STS-103) launched on 19 December 1999 (Discovery).  General maintenance. |
| 2001 | Hubble observations detect the elements in the atmosphere of exoplanet HD 209458b. |
| 2002 | Servicing Mission 3B launched on 1 March 2002.  Installation of new Solar Panels. |
| 2005 | |  |  | | --- | --- | |  | Hubble images two previously unknown moons orbiting Pluto. | |
| 2006 | |  |  | | --- | --- | |  | Hubble observations show that the dwarf planet Eris is bigger than Pluto. | |
| 2007 | The power supply on the Advanced Camera for Surveys, one of Hubble’s key instruments, fails. |
| **2008** | Hubble photographs exoplanet Fomalhaut b, one of the first to be confirmed through direct imaging. |
| **2008** | Hubble completes its 100,000th orbit around the Earth. |
| **2009** | Servicing Mission 4 (STS-125) launched on 11 May 2009.  Maintenance and update of equipment. |
| 2010 | |  |  | | --- | --- | |  | Hubble images show distant galaxies, showing the Universe as it was when it was less than a tenth of its current age. | |
| 2011 | |  |  | | --- | --- | |  | Hubble makes its millionth observation, a spectroscopic analysis of the exoplanet HAT-P-7b. | |