

9.4: HST Achievements

HST Achievements

So, what are the Hubble Space Telescope's greatest achievements since its 1990 launch? As a summary of some of the many HST achievements:

- Determine the rate the Universe is expanding, and that expansion rate is accelerating
- The range of the age of the Universe
- Discovery and confirmation of galactic nuclei supermassive black holes
- Discovery and observations of proto-planetary disks – called proplyds – in the Great Orion Nebula
- Stellar systems forming, and planets around other stars
- Observations of Comet Shoemaker-Levy 9's collision with Jupiter
- Solar System observations
- The Universe is thick with galaxies

As you can see, the Hubble Space Telescope has had a rich — and sometimes troubling — history.



The Orion Nebula, as captured by the Hubble Space Telescope [” Hubble 2006 mosaic 18000 ” by NASA, ESA, M. Robberto, in the [Public Domain](#)]

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