



IC 4593

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About This Image

CREDITS:

[NASA](#), [ESA](#), and The [Hubble Heritage](#) Team ([STScI](#)/[AURA](#))

KEYWORDS:

[NEBULAS](#)

[PLANETARY NEBULAS](#)

Fast Facts

About The Object

Object Name	IC 4593
Object Description	Planetary Nebula
R.A. Position	16h 11m 44.5s
Dec. Position	12° 4' 17.0"
Constellation	Hercules
Distance	7,900 light-years (2.42 kpc)

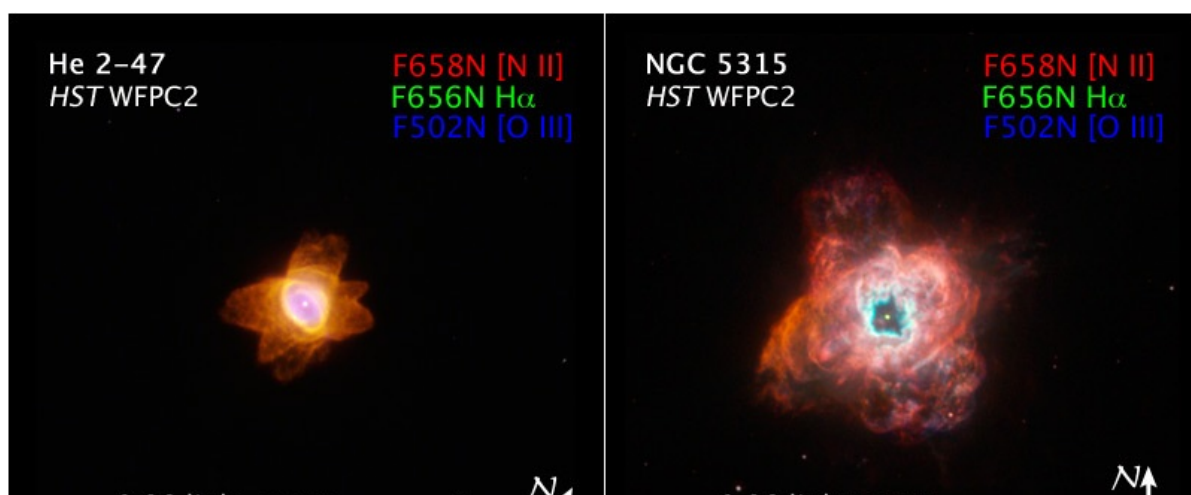
About The Data

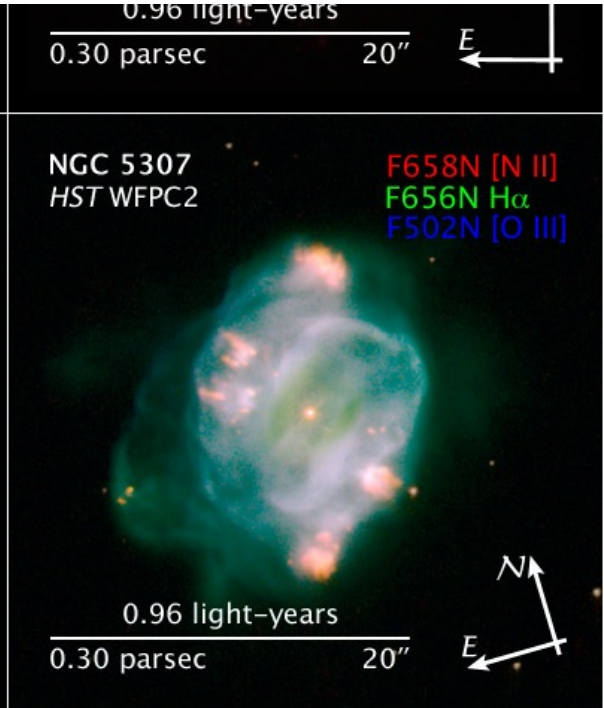
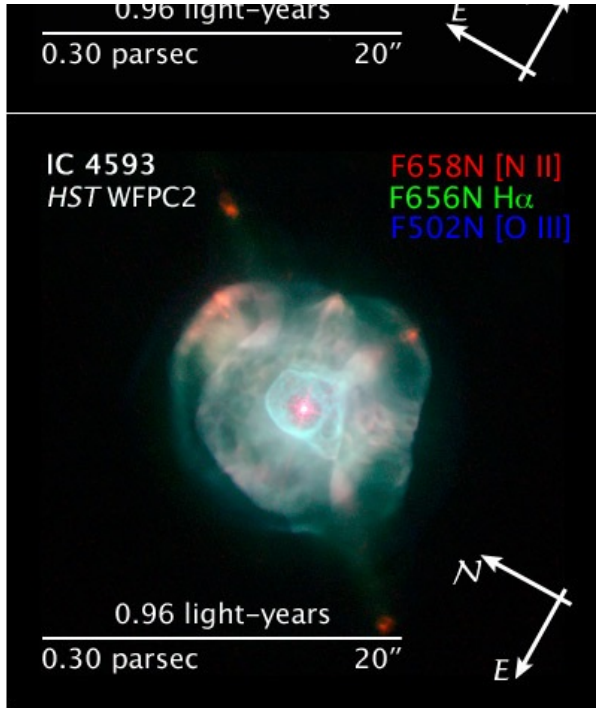
Data Description	The Hubble image was created from HST data from proposals 11090 and 11093 : K. Noll, H. Bond, C. Christian, L. Frattare, F. Hamilton, Z. Levay, M. Mutchler, and W. Januszewski (Hubble Heritage Team/STScI). High-level Science Products are available from the Heritage MAST webpage .
Instrument	HST>WFPC2
Exposure Dates	February, 2007
Filters	F502N ([O III]), F656N (H alpha), and F658N ([N II])

About The Image

Color Info	This image is a composite of many separate exposures made by the WFPC2 instrument on the Hubble Space Telescope. Three filters were used to sample narrow wavelength ranges. The color results from assigning different hues (colors) to each monochromatic image. In this case, the assigned colors are: Blue: F502N ([O III]) Green: F656N (H alpha) Red: F658N ([N II])
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Compass Image





Fast Facts Help



About The Object

Object Name	A name or catalog number that astronomers use to identify an astronomical object.
Object Description	The type of astronomical object.
R.A. Position	Right ascension – analogous to longitude – is one component of an object's position.
Dec. Position	Declination – analogous to latitude – is one component of an object's position.
Constellation	One of 88 recognized regions of the celestial sphere in which the object appears.
Distance	The physical distance from Earth to the astronomical object. Distances within our solar system are usually measured in Astronomical Units (AU). Distances between stars are usually measured in light-years. Interstellar distances can also be measured in parsecs.
Dimensions	The physical size of the object or the apparent angle it subtends on the sky.

About The Data

Data Description	<p>Proposal: A description of the observations, their scientific justification, and the links to the data available in the science archive.</p> <p>Science Team: The astronomers who planned the observations and analyzed the data. "PI" refers to the Principal Investigator.</p>
Instrument	The science instrument used to produce the data.
Exposure Dates	The date(s) that the telescope made its observations and the total exposure time.
Filters	The camera filters that were used in the science observations.

About The Image

Image Credit	The primary individuals and institutions responsible for the content.
Publication Date	The date and time the release content became public.
Color Info	A brief description of the methods used to convert telescope data into the color image being presented.
Orientation	The rotation of the image on the sky with respect to the north pole of the celestial sphere.