

The Observer's Challenge Objects

Submitted by Larry McHenry, Pittsburgh, PA.

December: NGC 16 –Galaxy– Pegasus; Mag. V = 12.0; sfc. br. 12.5; Size 1.8' x 1.0'
RA: 00h 09m Dec. +27° 44'

NGC16 (galaxy): Located in the fall constellation of Pegasus, 'The Winged Horse', is the small oval-shaped +12th mag lenticular (S0) galaxy NGC16. The little galaxy displays a bright central core embedded in the center of an oval, which itself is surrounded by a light haze of unresolved starlight. Using the camera's maximum FOV, I could also pull in the nearby faint spirals NGC1 and 2, along with PGC619. NGC16 was first observed on September 8th, 1784 by William Herschel and is about 146 Mly distant and around 81,00 Ly in diameter.

Video-Capture/EAA:

11/05/2021: from Calhoun Cty Park, WV. Using an 8" SCT optical tube @ f6.3 on a GEM mount, with a CMOS color camera and broadband filter @ 60-second guided exposure, livestacked for 15 minutes.

