

OBSERVATION RECORD

Add'l Gal Group #47

Date: 11/15/07
 Time Started: 2115 CST
 Time Finished: 2145 CST
 Transparency (1-10): 8.5
 Seeing (1-10): 6.5

Object: NGC 7331 & "The Fleas" -also

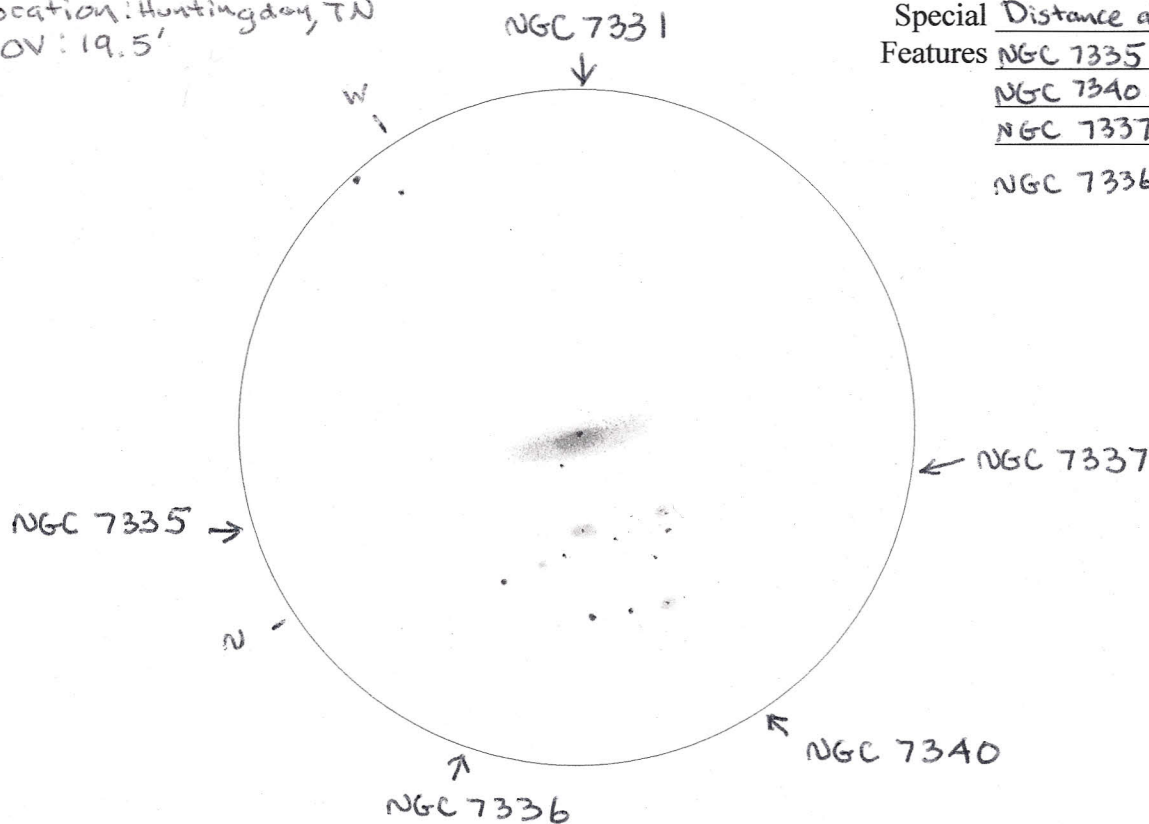
Common Name: called "the Deerlick Group"

Telescope: 12.5" Dob
 Eyepiece: 9mm Nagler
 Filter: —
 Magnification: 169X
 Location: Huntingdon, TN
 FOV: 19.5'

Type: Gal
 Magnitude: 9.5
 Size: 10.5' x 3.5'

Coordinates: 22h 37.1m +34° 25'

Special Distance about 50 million lt. yrs.
 Features NGC 7335 } A little less
NGC 7340 } than 300 million
NGC 7337 } light years.
 NGC 7336 - Nearly 400 million
 light years
 In
 Constellation
 Pegasus



Description and Field Notes:

- NGC 7331 - Bright starlike nucleus. Very elongated, bright core w/ sharper edge to the WSW. ENE side blending into halo. Halo dim & very elongated. DV.
- NGC 7335 - Brightest of the Fleas. Readily apparent halo of even brightness. Dim, starlike nucleus. Elongated NW/SE. AV2.
- NGC 7340 - Next brightest. Bright, starlike nucleus, surrounded by dim halo. AV2.
- NGC 7337 - Dim starlike nucleus paired w/ nearby dim star just to its SE. Very dim, round halo. AV3.
- NGC 7336 - Dimmest of the Fleas. Barely visible w/ averted vision. Roundish, w/ slight elongation NW/SE. No nucleus visible. At limit of scope & conditions. AV5

Reference:

Sky & Telescope - November 2007 - p.74 The Winged Horse