

OBSERVATION RECORD

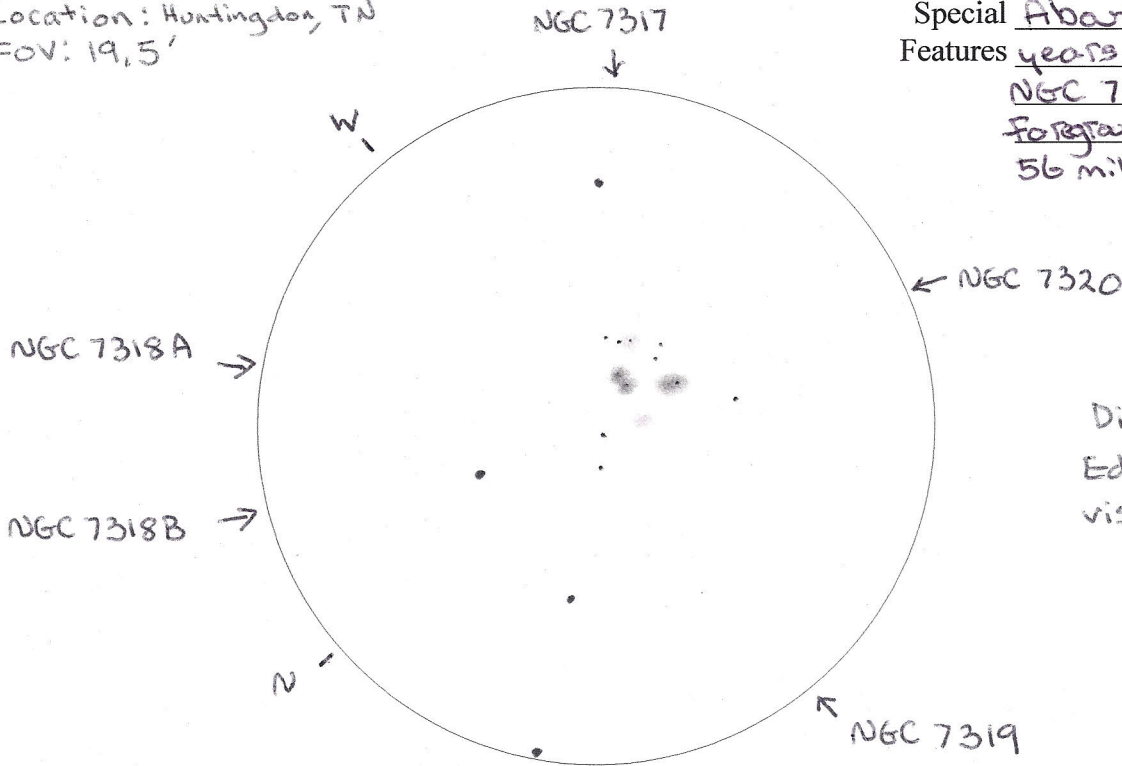
Date: 11/9/07
 Time Started: 2030 CST
 Time Finished: 2110 CST
 Transparency (1-10): 8.5
 Seeing (1-10): 7.5

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

Object: NGC 7320, 7318A, 7318B, 7319, 7317
 Common Name: Stephan's Quintet
Hickson 92 Compact Galaxy
 Type: Group
 Magnitude: 12.6-13.6
 Size: 3.5' area

Coordinates: 22h 36.0m +33° 58'
 (7318B)

Special Features About 282 million light years distant, except NGC 7320 which is a foreground galaxy about 56 million light years away.
 In constellation Pegasus



Discovered by
 Edouard Stephan
 visually in 1877

Description and Field Notes:

A very faint group of galaxies.
 NGC 7320 visible w/ direct vision as elongated halo (NW/SE). A star off center toward the SE end. Core not apparent.
 NGC 7318A & 7318B visible w/ direct vision as elongated or peanut shaped pair w/ two distinct cores and surrounding halos.
 NGC 7317 visible w/ averted vision as faint core w/ extremely faint circular halo. Almost appears as a double star w/ the star to its NW.
 NGC 7319 barely visible (10% of time) w/ averted vision. No core. Elongated NW/SE.
 Most excellent!

Reference:

The Night Sky Observer's Guide - Kepple & Sannes p283-284
Burnham's p. 1386 - 1390
S&T - Nov 2004 p. 30 - 37