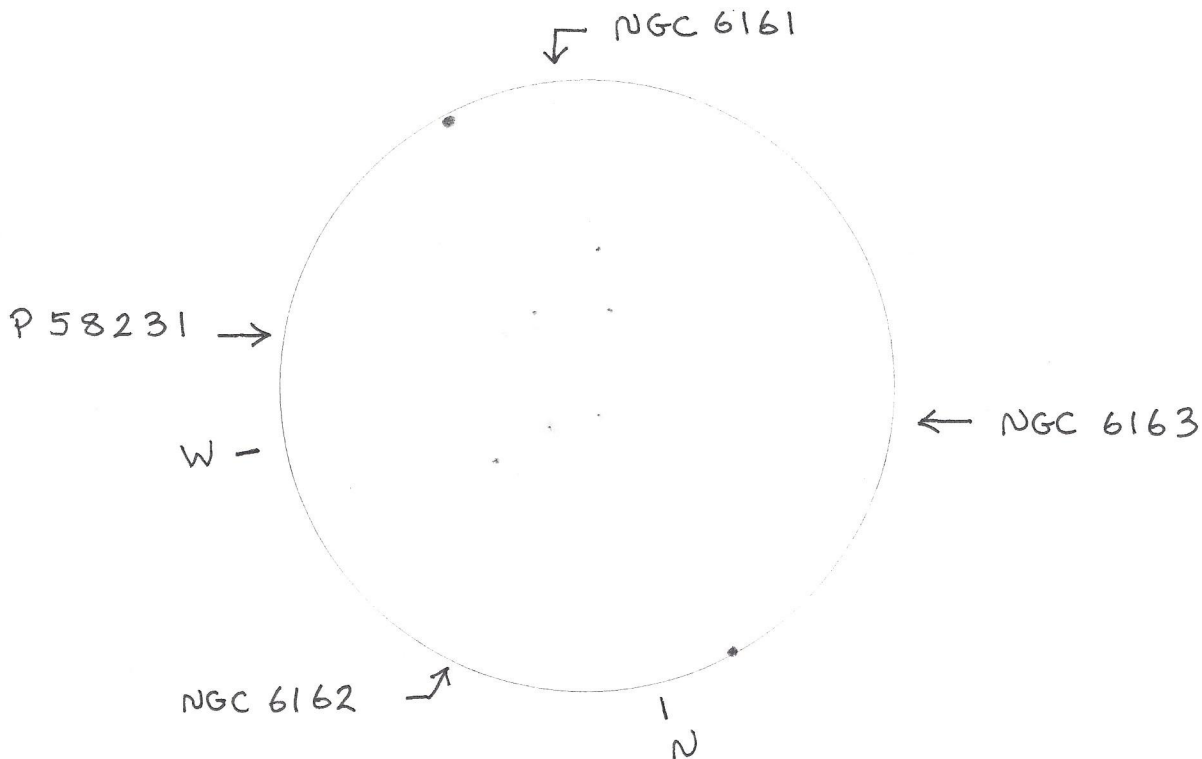


GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 28 July 2014
 Time Started: 2150 CDT Time Finished: 2239 CDT
 Location: Huntingdon, TN
 Weather: Mostly clear - occasional clouds
 Transparency:(1-5) 4.5 Seeing:(1-5) 2.0
 Faintest Naked Eye Star: —
 Telescope: 18" Obsession - f/4.5 - f.l. 81"
 Eyepiece: 9mm Televue Nagler Type 6
 Magnification: 231x FOV: 21.3'

Object ID: Hickson 82
 Coordinates: 16 28.4 +32.9
 Constellation: Her
 Magnitude Range: 14.1 - 16.0
 Size Estimate: 4.7'
 No. Of AV Galaxies: 4
 No. Of DV Galaxies: 0



Description (Pattern? Distribution even or uneven? Galaxies superimposed or signs of interaction? Nuclei, dust lanes, spiral arms? Estimate on AV scale):

A parallelogram of four faint galaxies within about a 5' diameter.

- NGC 6162 - AV2 - roundish faint fuzzy with stellar nucleus.
- NGC 6163 - AV2 - " " " " dim stellar nucleus
- NGC 6161 - AV3 - small roundish faint fuzzy. Hard to separate from star.
- P58231 - AV4 - very small & dim faint fuzzy.

Reference: