

GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 8 October 2012

Object ID: Galaxy Trio #45

Time Started: 19:45 CDT Time Finished: 19:58 CDT

Location: Pennyrile State Forest Park, KY TLSP

Coordinates: 23h 01.9' +15° 58'

Weather: Clear w/ high humidity

Constellation: Peg

Transparency: (1-5) 4 Seeing: (1-5) 3

Magnitude Range: 12.6 - 13.3

Faintest Naked Eye Star: 6.0

Size Estimate: 5'

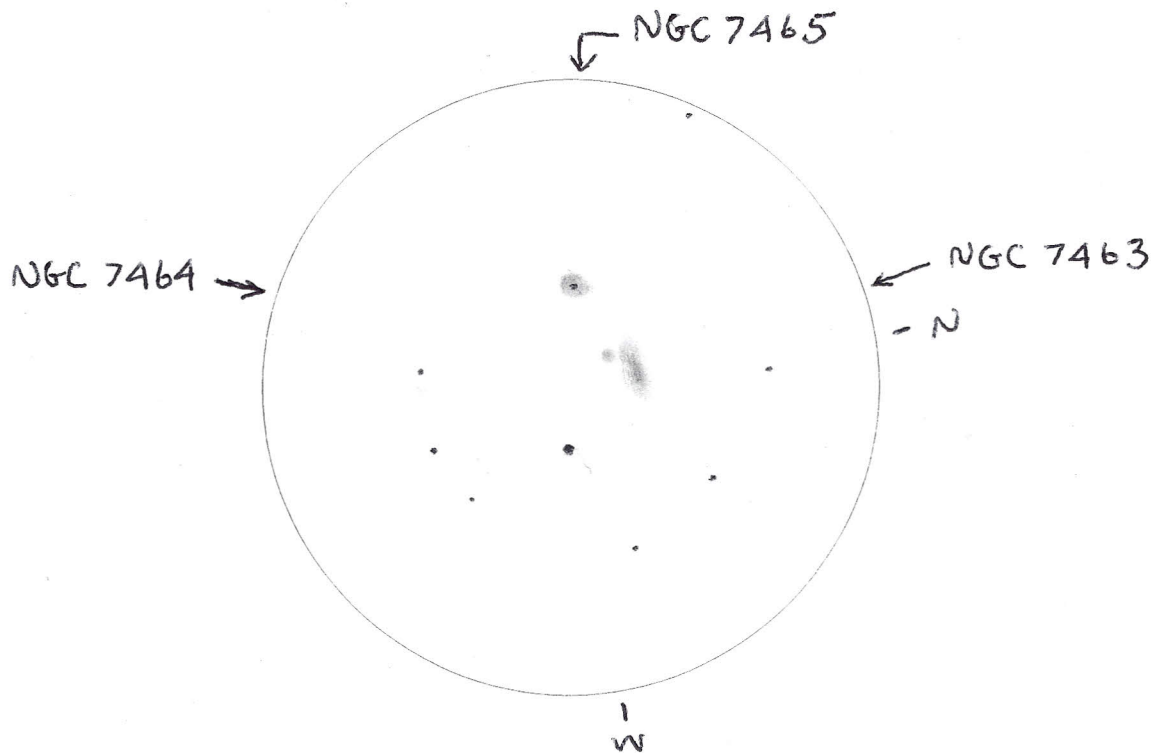
Telescope: 18" Obsession - f/4.5 - f.l. 81"

No. Of AV Galaxies: 1

Eyepiece: 9mm Televue Nagler Type 6

No. Of DV Galaxies: 2

Magnification: 231x FOV: 21.30'



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

Very tight group w/ N 7463 and N 7465 being the brightest members on the WNW and ESE ends.

NGC 7465 - Brightest galaxy. Easily seen w/ direct vision. Has slightly elongated halo and not much core brightening but sudden stellar nucleus. Elongated NNW by SSE.

NGC 7463 - Next brightest. Very elongated halo ESE by WNW. Bright elongated core but no stellar nucleus. Found ^{held} averted ^{direct} vision.

NGC 7464 - Very dim, circular smudge of light just off the SE edge of N 7463. No core or nucleus. Requires averted vision to see but can be held steadily w/ AV.

Reference: