

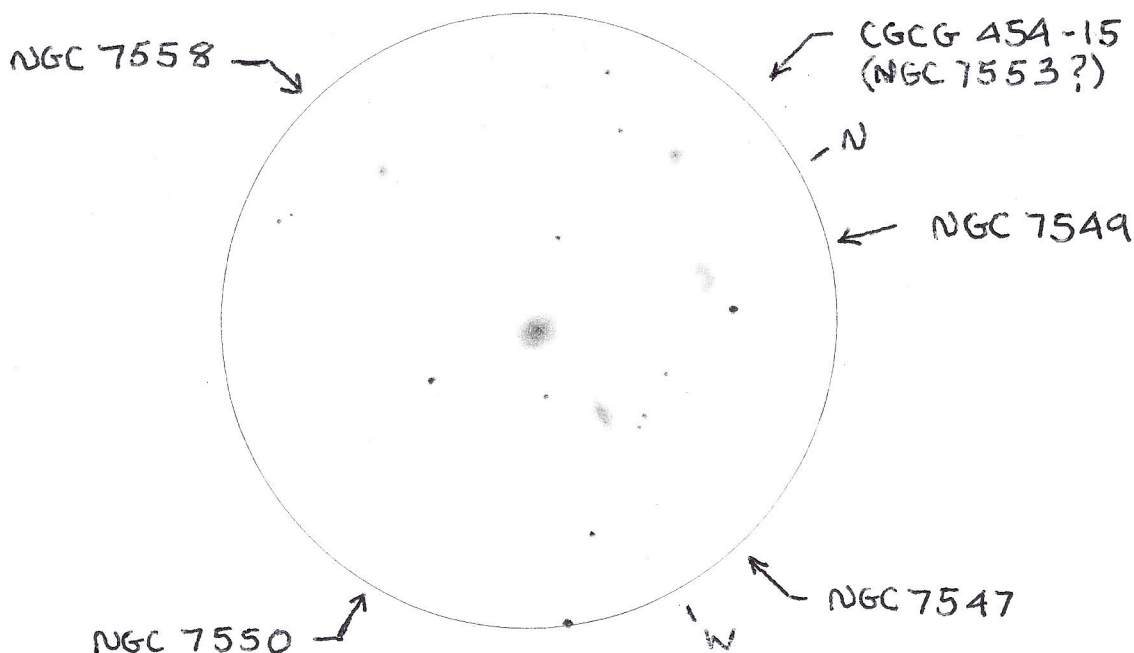
GALAXY GROUPS & CLUSTERS OBSERVATION RECORD

Date: 15 October 2012
 Time Started: 2015 CDT Time Finished: 2100 CDT
 Location: Huntingdon, TN
 Weather: Cool 54°F - No Wind
 Transparency: 5/5 Seeing: 3/5
 Faintest Naked Eye Star: 5,5
 Telescope: 18" Obsession - f/4.5 - f.l. 81"
 Eyepiece: TeleVue 9mm Nagler Type 6
 Magnification: 231x FOV: 21,30'

Object ID: Hickson 93

Coordinates: 23h 15.3m +19.0°
 Constellation: Peg
 Magnitude Range: 12.6 - 15.4

Size Estimate: 10'
 No. Of AV Galaxies: 3
 No. Of DV Galaxies: 2



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

NGC 7550 - Brightest member. Direct vision. Round halo becoming gradually brighter toward the center w/ bright core.

NGC 7547 - Third brightest but easier to see than NGC 7549 due to higher surface brightness. Found w/ AV but held thereafter w/ DV. Elongated halo running E/W w/ bright elongated core.

NGC 7549 - Second brightest but lower surface brightness. Held steady w/ AV (AV2). Photos show "S" shaped spiral galaxy but I could only see vague "C" shaped core.

CGCG 454-15 - Very dim round fuzzy spot. Held steady w/ AV (AV2). Faint stellar nucleus.

NGC 7558 - Extremely dim round fuzzy spot. AV 3

Reference:

According to Kopersnik.com, Hickson 93 is about 265 million light years away. NGC 7558 is a background galaxy about 467 million light years away and not part of the group.