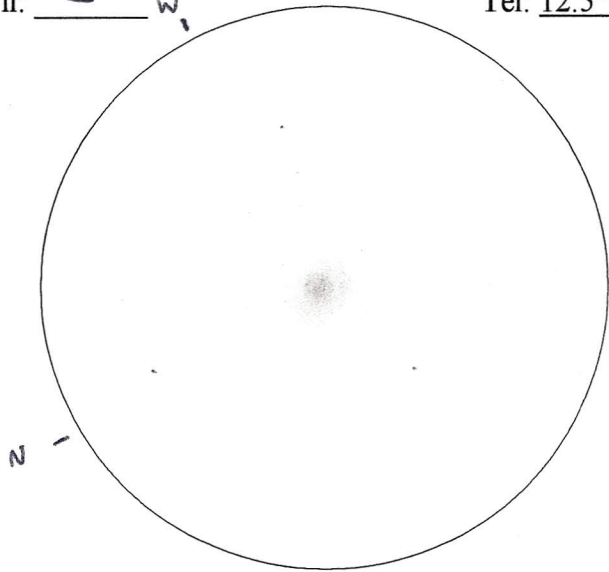


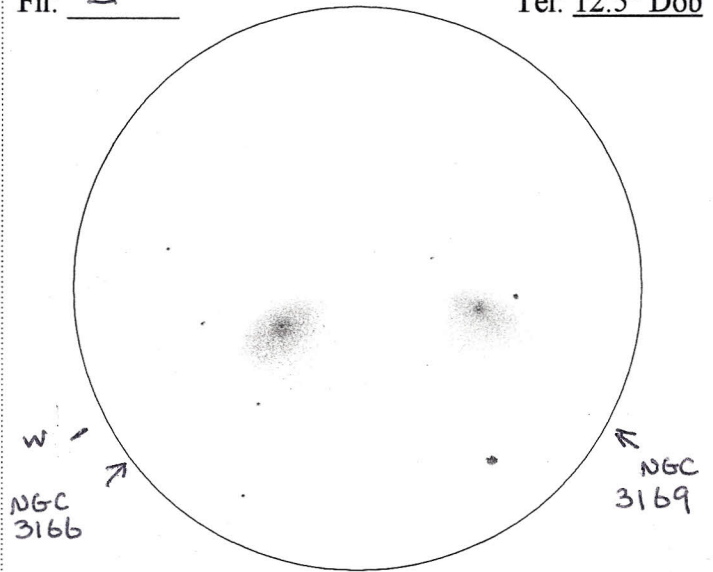
Object: NGC 3147 (H79)-1
 Type: Gal Mag: 10.6 Size: 4.3' x 3.7'
 Date: 5/9/04 Time: 0000-0014 CDT
 T/S(1-10): 7.5/8.0 Eyepiece/X: 6.3mmP/242x
 Fil: — W Tel: 12.5" Dob



Round, concentrated core surrounded by very dim halo

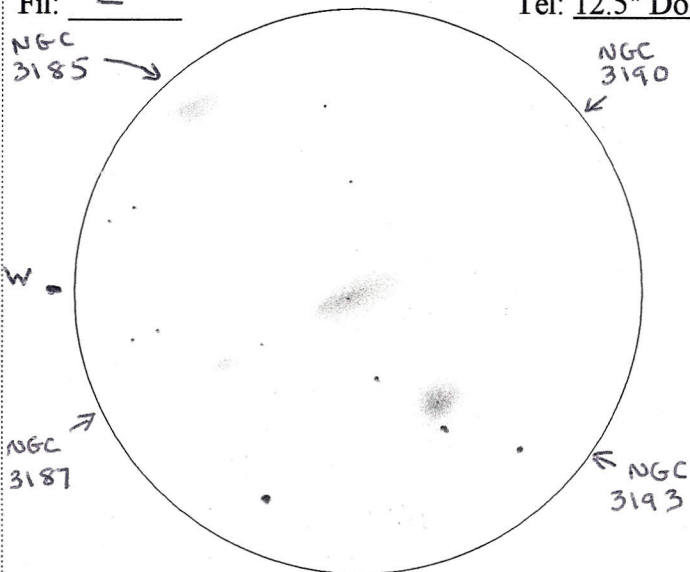
H 8

Object: NGC 3166 & NGC 3169 (H3-18 H4)-1
 Type: Gal/Gal Mag: 10.4/10.2 Size: 4.6' x 2.6' / 5.0' x 2.8'
 Date: 5/9/04 Time: 2059-2126 CDT
 T/S(1-10): 6.5/7.0 Eyepiece/X: 12.5mmP/122x
 Fil: — Tel: 12.5" Dob



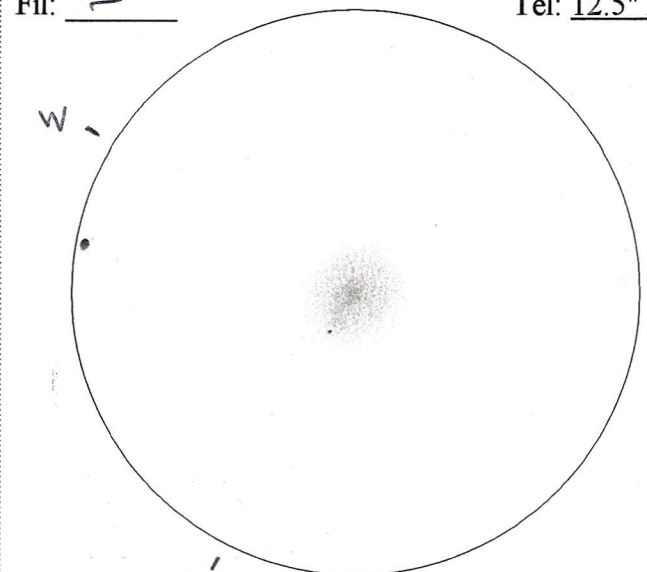
NGC 3166 larger & brighter w/ large round core and starlike nucleus. Oval halo. NGC 3169 has smaller, dimmer core with dimmer but starlike nucleus, elongated NE/SW. Cannot see NGC 3165

Object: NGC 3190 & NGC 3193 (H44 & H45)²
 Type: Gal/Gal Mag: 11.2/10.9 Size: 4.1' x 1.6' / 2.5' x 2.5'
 Date: 5/24/04 Time: 2105-2144 CDT
 T/S(1-10): 7/6 Eyepiece/X: 12.5mmP/122x
 Fil: — Tel: 12.5" Dob



NGC 3190 elongated WNW/ESE w/ starlike nucleus & gradually brighter toward center.
 NGC 3193 about same brightness as NGC 3190 but round w/ starlike nucleus. Gradually brighter toward center
 NGC 3185 a vague evenly bright smudge.
 NGC 3187 a small glow w/ averted vision

Object: NGC 3184 (H168)-1
 Type: Gal Mag: 9.8 Size: 7.8' x 7.2'
 Date: 5/9/04 Time: 2250-2305 CDT
 T/S(1-10): 6.5/7.0 Eyepiece/X: 12.5mmP/122x
 Fil: — Tel: 12.5" Dob



Large, round very low surface brightness. Vaguely brighter, large core. Halo appears somewhat mottled. A dim field star directly to the N. Just a hint of the northern spiral arm.