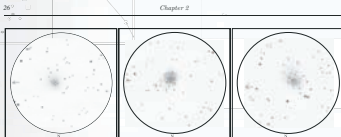


Chart 2-2. Dark Nebula in Aquila

Iyido Dark Nebula 562 Seq 562 (137)
Area 0.86, Opacity 3 $19^{\circ}52.0'' - 01^{\circ}54'$
Chart 2-2, Figure 2-28
8/10' Scope -50x: LDN 562 is a prominent deep-long E-W lane obscuring θ to λ in width. The periphery is very irregular with a thicker center tapering to thinner ends. It is much thinner at the east end between two stars of magnitudes 6.2 and 9.9. Open cluster B0 lies 42' north.

Figure 2-24. NGC 6760
10.5', J4.3 - 77.6xFigure 2-25. NGC 6760
10.5', J4.3 - 77.6xFigure 2-26. Polaris 11
10.5', J4.3 - 300x

2.3 Globular Clusters

NGC 6749 Globular Cluster Class 7

04.6', m4.8v, Brs 13.6v $19^{\circ}05.3'' + 01^{\circ}54'$
Chart 2-2, Figure 2-22
12/14' Scope -77x: NGC 6749 resides in a well-populated Milky Way field 26.7' east of a 5.9 magnitude star. Look for a faint, unresolved 3 diameter smudge lying 11' ENE of a T pair of 6.9 magnitude stars. A 12th magnitude star nearly touches its eastern edge, and a couple of 14th magnitude stars are visible on its western edge.

NGC 6760 Globular Cluster Class IX

06.8', m4.8v, Brs 13.6v $19^{\circ}11.2'' + 01^{\circ}02'$
Chart 2-2, Figure 2-22
8/10' Scope -150x: NGC 6760 is situated 17' NE of a 7.9 magnitude star and 15' SW of an 8.9 magnitude star. The globular cluster is a faint, round, unresolved glow about 2.2' in diameter with a slightly brighter core.
12/14' Scope -77x: NGC 6760 has a fairly large, circular 4' diameter halo with some granularity and a few resolved stars around its periphery. The 7' core is heavily concentrated and uniform in brightness.

Polaris 11 Globular Cluster Class II

01.0', m4.8v, Brs - $19^{\circ}45.3'' + 00^{\circ}08'$
Chart 2-2, Figure 2-26
12/14' Scope -300x: Pol 11 is located 27' NE of double star 2209 (RA 6.8 8.6; 27.1' 252.1) in a faint, unresolved 3' patch lying 4' SW of an 8.9 magnitude star. Another wide 4' patch 10.7' and 12.8' magnitude stars is visible 3' NNE. 300x reveals half a dozen very faint stars around the periphery.

2.4 Dark Nebulae

Iyido Dark Nebula 560 Seq 560 (81)

Area 0.84, Opacity 3 $19^{\circ}41.0'' - 01^{\circ}57'$
Chart 2-2, Figure 2-27
8/10' Scope -250x: Lying 11' north of θ , LDN 560 is about twice as long but less distinct and stretched E-W.
16/18' Scope -77x: LDN 560 is an irregular, indistinct dark nebula elongated 9x E-W. The western flank is flat and slightly more distinct while the northern side is somewhat rounded with some faint stars intruding into it.

Barnard 216 LDN 555 Seq 555 (80) Dark Nebula

06' x 6', Area 0.808, Opacity 4 $19^{\circ}41.0'' - 02^{\circ}08'$
Chart 2-2, Figure 2-27
8/10' Scope -150x: B216 is a small, 6' diameter dark nebula well-defined on its north end then gradually diffusing northward into a large open space.
16/18' Scope -250x: B216 is a well-defined dark rectangular-shaped area elongated 7.2x E-W with a 3.0x magnitude star along its eastern flank, 4' from center. LDN 560 is directly north and the very large star-forming area of LDN 557 lies NW across the constellation border of Serpens Caput.

Barnard 215 Dark Nebula

07' x 1', Opacity 7 $19^{\circ}52.0'' - 01^{\circ}16'$
Chart 2-2, Figure 2-28
16/18' Scope -50x: B215 is located 30' NNW of the very large deep-long dark nebula LDN 562. B215 is a small, oval-shaped dark area elongated 5.2x NW-SE. It resides in a rich field of faint stars.

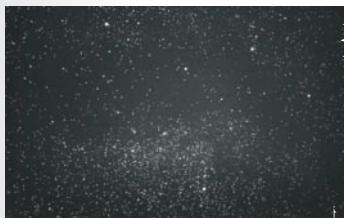
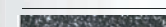
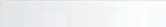


Figure 2-28. LDN 562 is a large nearly starless dark lane extending two degrees E-W but is only about 12' wide. North is up (far brighter stars).



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Figure 2-27. Barnard 215 is the westernmost Barnard object in Aquila and is more distinct than its nearby companion LDN 560. The very large dark nebula LDN 537 lies across the constellation border in Serpens Caput.



Figure 2-26. LDN 561 is a very large, E-W dark lane, lying to the S/W of a faint star that includes Barnard 90, a very small, faint open cluster.

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