

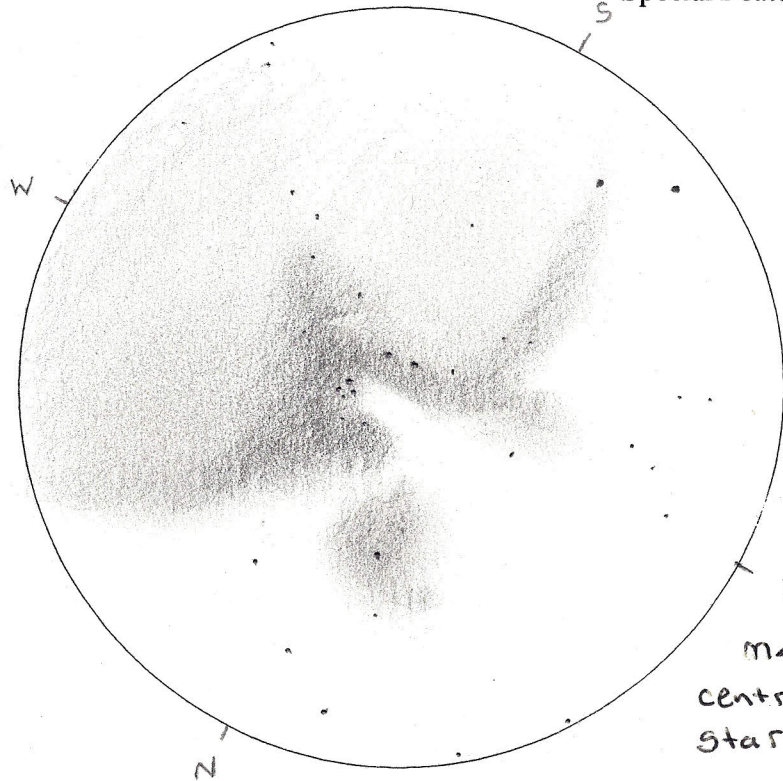
Date: 3/15/99
Time Started: 9:00 PM CST
Time Finished: 9:25 PM CST
Transparency: 5
Seeing: 5

OBJECT
Common Name: Great Nebula in Orion
M#: 42 & 43
NGC #: 1976 & 1982

Telescope: 12.5" Dob
Eyepiece: 26mm Plössl
Filter: -
Magnification: 60x

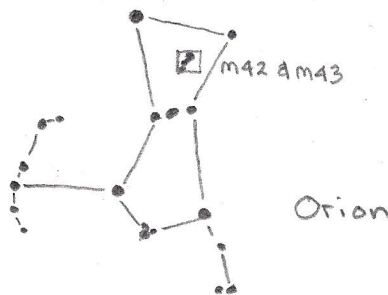
Type: DiN
Magnitude: 3.5 & 9.0
Size: 85' x 60' & 10' x 5'
Coordinates: 5h 35.4m -5° 27'

Special Features: Finest example of a diffuse nebula.
Distance: 1600-1400 lt. yrs.
Trapezium: quadruple star system



M43 illuminated by central 8th magnitude star

Locating Sketch:



Description and Field Notes: Large, magnificent nebula. Central areas are greenish-gray while "wings" are a darker ruddy-gray. Contains a quadruple star system called the trapezium (Theta-one Orionis), much detail visible. This is an immense star forming region, more than 20,000 times the diameter of the solar system.