

OBSERVATION RECORD

Vul 1

OBJECT

Date: 11/8/99  
Time Started: 8:08 PM CST  
Time Finished: 8:56 PM CST  
Transparency: 3.0  
Seeing: 2.5

Common Name: The Dumb-bell Nebula  
M#: 27  
NGC #: 6853

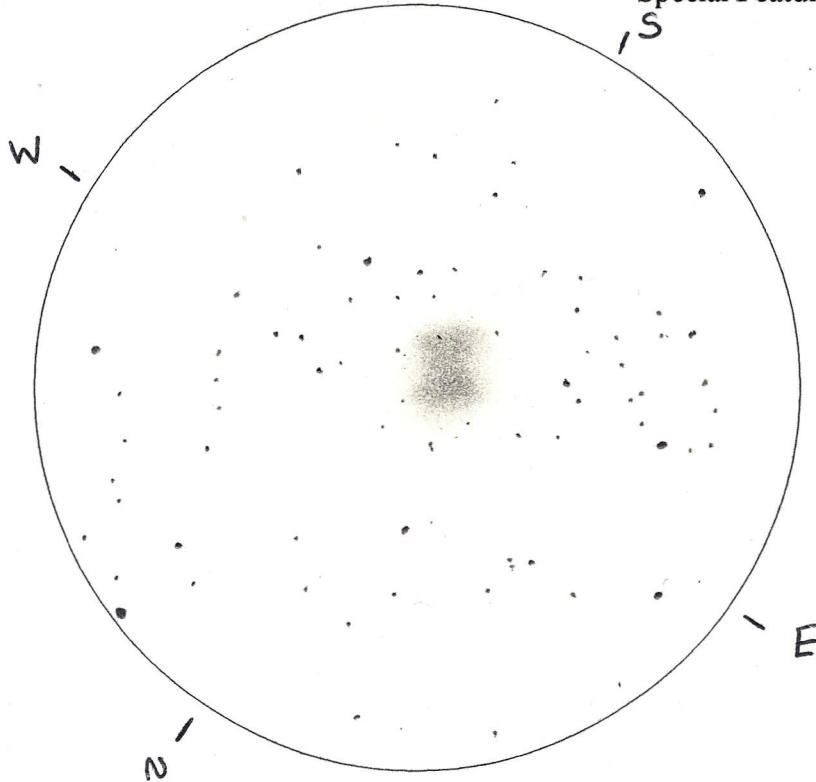
Telescope: 12.5" Dob  
Eyepiece: 26mm plössl  
Filter: -  
Magnification: 60x

Type: PN  
Magnitude: 7.6  
Size: 6

Coordinates: 19h 59.6m 22° 43'

Special Features: Most conspicuous planetary nebula  
Distance: ~ 900 H.L.Yrs.  
Diameter: ~ 2 1/2 H.L.Yrs.  
Age of nebula: ~ 48,000 yrs.

Discovered by  
Messier in  
July 1764.



Locating  
Sketch:



Description and Field Notes: Very large and bright planetary nebula. Roughly rectangular in shape with concave sides to the NW and SE, almost like an apple core. Brightness of the nebulosity is more or less even with slightly more concentration in the SW and NE lobes. Very impressive for a planetary nebula.

RDV