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OBSERVATION RECORD

Vir 9

OBJECT

Date: 5/22/01

Time Started: 9:15 PM CDT

Time Finished: 9:42 PM CDT

Transparency: 4.0

Seeing: 4.0

Common Name: _____

M#: 49

NGC #: 4472

Type: Gal

Magnitude: 8.4

Size: 9' x 7'

Coordinates: 12h 29.8m 8° 00'

Telescope: 12.5" Dob

Eyepiece: 12.5 mm Plössl

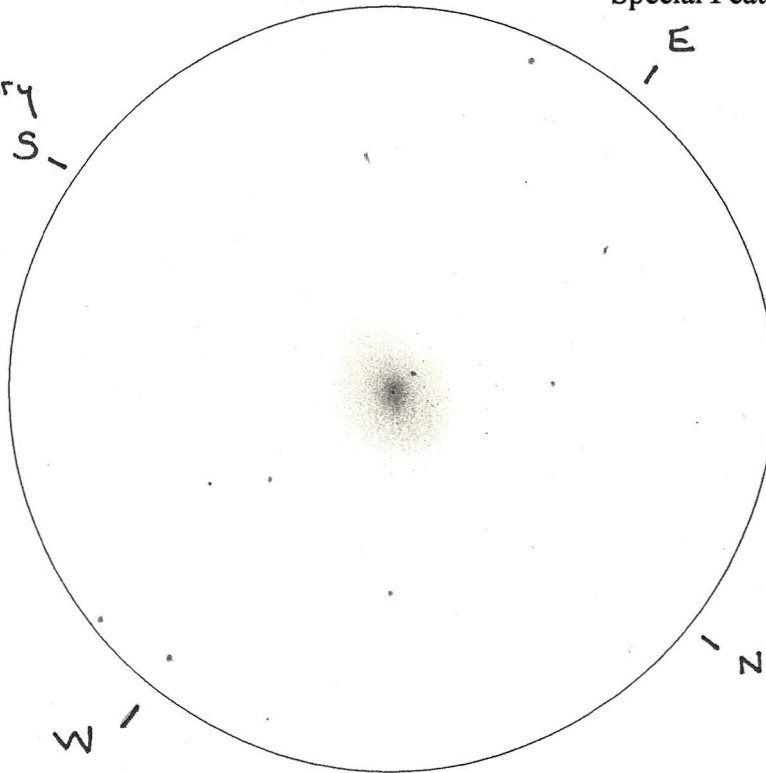
Filter: —

Magnification: 122X

Special Features: Type E4 elliptical

Dist: 55 million lt. yrs

Discovered by
Messier 19 February
1771.



M49 is one
of the largest
and most
massive
elliptical
systems known.

Locating
Sketch:

Virgo



Description and Field Notes:

M49 looks very much like an unresolved globular cluster. Fairly small and roundish, the nucleus is bright and barely starlike with a likewise bright core fading gradually toward the outer regions. Seems slightly elongated in the N/S direction. Outer regions of the core fade to a larger dim nebulosity surrounding. A faint star shows just to the E.