

### OBSERVATION RECORD

#### OBJECT

Date: 11/30/02  
 Time Started: 9:21 PM CST  
 Time Finished: 9:42 PM CST  
 Transparency: 4.5  
 Seeing: 2.0

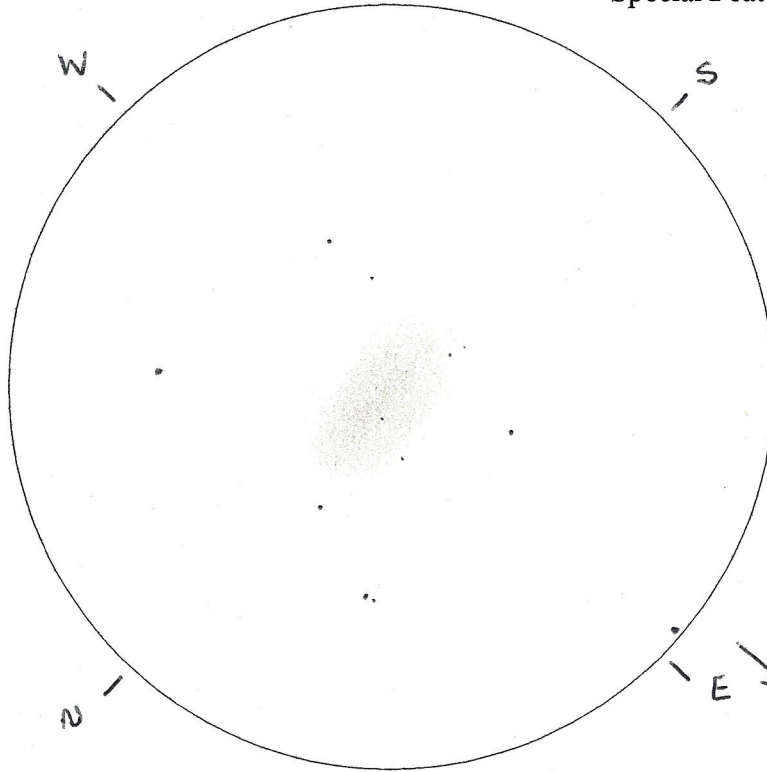
Common Name: \_\_\_\_\_  
 C#: 17  
 NGC #: 147

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

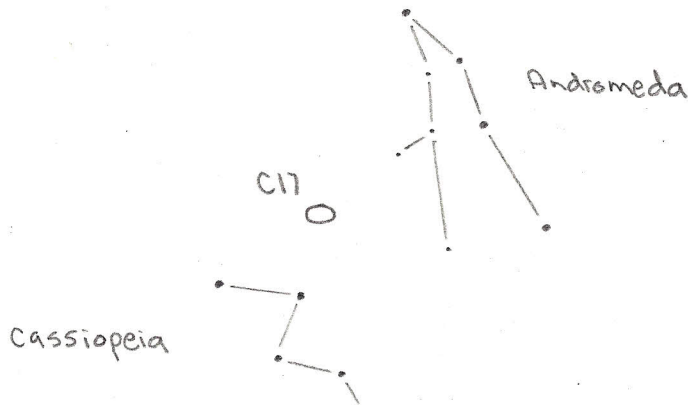
Type: Gal  
 Magnitude: 9.5  
 Size: 13.0' x 8.0'

Coordinates: 00h 33m 11.6s +48° 30' 28"

Special Features: Type dE4, a dwarf elliptical galaxy. It is a companion of M31, and about the same distance: 2.2 million H. yrs.



Locating Sketch:



Description and Field Notes: Large and very low surface brightness. Difficult to spot right off, oval in shape, elongated in the N/S direction. Becoming slightly brighter toward the center. A very dim star just NE of the center.