

Challenge Object Observing Log

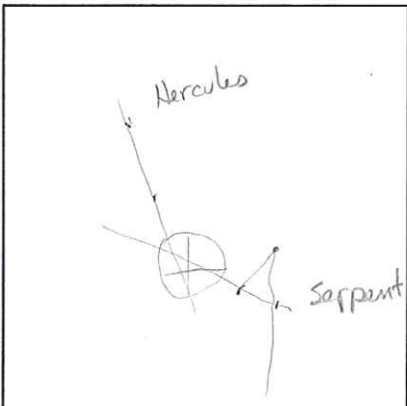
Object Palmer 14
Constellation Hercules
Magnitude 14.7
Classification too dim to classify

Date 9/25/03
Time 8:53
Seeing: Transparency fair
Steadiness fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

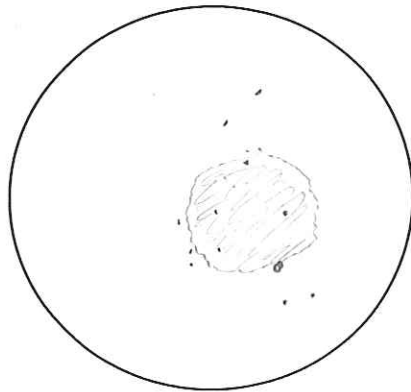
Notes:

Very dim. UHC filter adds to see a contrast
of a hint of a glow against the background sky.

Finder Chart:



Field Size: _____
Sketch of Object



Observation Log Sheet

Object NGC 6205 - M13
Constellation Hercules
Magnitude 5.8
Classification S

Date 9/25/03
Time 8:29 PM
Seeing: Transparency fair
Steadiness fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Awesome as always. Fills FOV Nicely.
Member stars easily seen all over the
extended halo.

Object NGC 6341 - M92
Constellation Hercules
Magnitude 6.4
Classification S

Date 9/25/03
Time 8:34 PM
Seeing: Transparency fair
Steadiness fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Nice, bright tight center w/ stars all
over the halo. Member stars easily seen.
Fills FOV nicely.

Observation Log Sheet

Object NGC 6229
Constellation Hercules
Magnitude 9.4
Classification 2

Date 9/25/03
Time 8:38 PM
Seeing: Transparency Fair
Steadiness Fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Small * dim. Center brighter * small, dimmer halo.
w/AV see speckling of stars but not pin points.

Object NGC 6760
Constellation Aquila
Magnitude 10.0
Classification 3

Date 9/25/03
Time 9:11 PM
Seeing: Transparency Fair
Steadiness Fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Small, dim, center uniformly lit w/hint of extended halo. No member stars seen, but w/AV can tell the texture is speckled, but no individual stars seen.

Observation Log Sheet

Object NGC 6749
Constellation Aquila
Magnitude 11.6
Classification Too dim to classify

Date 9/25/03
Time 9:32 PM
Seeing: Transparency fair
Steadiness fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Faint, circular glow. Bright field star $\frac{1}{2}$ FOV to NW.
A have brighter nucleus than halo.

Object NGC 7006
Constellation Delphinus
Magnitude 10.5
Classification 2

Date 9/25/03
Time 9:46 PM
Seeing: Transparency fair
Steadiness fair
Telescope 12.5" f/8
Eyepiece/Magnification _____

Notes:

Small, circular, almost uniformly lit w/center
just a bit brighter. No member stars seen.

Observation Log Sheet

Object NGC 6934
Constellation Delphinus
Magnitude 8.8
Classification 3

Date 9/25/03
Time 9:49 PM
Seeing: Transparency Fair
Steadiness Fair
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Small & circular. Center is brighter & dims evenly into the halo which is a bit extended.

Object M56
Constellation Lyra
Magnitude 8.3
Classification 8

Date 9/25/03
Time 9:54 PM
Seeing: Transparency OK
Steadiness OK
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Bright. Easy to see member stars. Uniformly lit though the center. Can see an extended halo.

Observation Log Sheet

Object NGC 6981
Constellation Aquarius
Magnitude 8.6
Classification 7

Date 9/25/03
Time 10:06 PM
Seeing: Transparency OK
Steadiness OK
Telescope 12.5" f/8
Eyepiece/Magnification 9mm

Notes:

Dimmer than M56. Uniformly lit. w/AV.
see speckling on the glow.

Object NGC 7089
Constellation Aquarius
Magnitude 6.0
Classification S

Date 9/25/03
Time 10:13 PM
Seeing: Transparency OK
Steadiness OK
Telescope 12.5" f/8
Eyepiece/Magnification 9mm

Notes:

Large. Bright. Easy to see. Member stars present.
Dims evenly from center into extended halo.

Observation Log Sheet

Object NGC 7699
Constellation Cap
Magnitude 7.4
Classification 10

Date 9/25/03
Time 10:28 PM
Seeing: Transparency OK
Steadiness OK
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Bright. Loose. Bright, tight nucleus that dims slowly into halo which is diffused. At 7-8 o'clock there is a line of 4-5 stars from the center of the glow into the diffused halo. These spokes of stars were neat. Stars (halo) seem to be lopsided towards the 2 o'clock side of GC.

Object NGC 7078
Constellation Pegasus
Magnitude 6.2
Classification 10

Date 9/25/03
Time 11:28 PM
Seeing: Transparency OK
Steadiness OK
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Nice. Large. Center very bright and dims evenly into very diffused halo. Member stars easily seen.

Observation Log Sheet

Object M71
Constellation Sge
Magnitude 8.1
Classification 12

Date 9/25/03
Time 11:24 PM
Seeing: Transparency OK
Steadiness OK
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

No nucleus seen. Uniformly lit, irregular shaped GC.
Member stars easily seen. In a star rich field.

Object NGC 1904
Constellation Lepus
Magnitude 7.9
Classification 2

Date 1/17/04
Time 7:53 PM
Seeing: Transparency Great
Steadiness Good
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Small & dim yet easy to see. Brighter nucleus dims evenly into halo. Member stars easily seen. Small & compact.

Observation Log Sheet

Object NGC 2419
Constellation Lynx
Magnitude 10.3
Classification 3

Date 1/17/04
Time 8:10 PM
Seeing: Transparency Great
Steadiness Good
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Small, dim, circular uniformly lit smudge of light.
Saw in David Dunn's 16". Called the Galactic Tramp.

Object NGC 1851
Constellation Columba
Magnitude 7.1
Classification 6

Date 2/20/04
Time 6:52 PM
Seeing: Transparency Good
Steadiness Great
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

This had a big, bright nucleus that dims quickly into a large, dim halo. Several member stars barely seen. I can tell its speckled w/ lots of stars in halo area. There is lots of atmosphere & possible thin clouds on horizon so stars not focusing to pinpoints, but are small blobs. Has quite an extended halo. Fills $\frac{3}{4}$ fov

Observation Log Sheet

Object NGC 2298
Constellation Puppis
Magnitude 9.4
Classification 10

Date 2/20/04
Time 7:29 PM
Seeing: Transparency Good
Steadiness Great
Telescope 12.5" f/8
Eyepiece/Magnification 19mm

Notes:

Small, dim oval in shape that goes from 10 o'clock to 4 o'clock. Member stars easily seen all over oval area. No central nucleus & is almost uniformly lit.



Object _____
Constellation _____
Magnitude _____
Classification _____

Date _____
Time _____
Seeing: Transparency _____
Steadiness _____
Telescope _____
Eyepiece/Magnification _____

Notes: