

The NightSky 45 Observer: Observe any 45 NS objects and keep a record of your observations.

The NightSky 45 Master Observer: Observe all NS objects and keep a record of your observations.

Observer _____ Date Begun _____ Certified by _____ Date _____

NS Viewing Log

NS Object	Date	Time	Seeing Conditions	Aperture	Eyepieces	Power	Observing Notes
1							Mizar & Alcor
2							Tycho Crater
3							M31 - Andromeda Galaxy
4							M44 - Beehive Cluster
5							M42 - Orion Nebula
6							Split double star of Polaris
7							M65 & M66 Galaxies in Leo
8							Casinni Division
9							Trapezium in Orion Neb
10							International Space Station
11							Limiting Mag using Ursa Minor
12							Sea of Tranquility
13							Crescent phase of Venus
14							M13
15							Titan - moon of Saturn
16							M51 - Whirlpool Galaxy

NS Viewing Log

NS Object	Date	Time	Seeing Conditions	Aperture	Eyepieces	Power	Observing Notes
17							Iridium Flare
18							Corvus & Crater
19							Mare Imbrium
20							Moons of Jupiter over 2 nights
21							M57 - Ring Nebula
22							M81 & M82
23							NGC 6207 galaxy near M13
24							M101 - Pinwheel galaxy in Ursa Maj
25							International Space Station
26							Venus & Saturn conjunction
27							Sea of Tranquility
28							M13 in Hercules
29							Alberio double star
30							Crater Copernicus
31							M51 - Whirlpool Galaxy
32							Veil Nebula
33							Perseid Meteor Shower
34							Delphinus constellation
35							Southern Highlands of Moon

NS Viewing Log

NS Object	Date	Time	Seeing Conditions	Aperture	Eyepieces	Power	Observing Notes
36							Lagoon Nebula
37							Trifid Nebula
38							Observer's Choice!
39							M4 - Globular in Scorpius
40							M17 - Omega/Swan Neb in Sag
41							M11 - Wild Duck Cluster in Scutum
42							Identify stars & cons of Summer Tri
43							Apenine Mt Range on Moon
44							Constellation Equuleus
45							The Rabbit in the Moon
46							Constellation Ophiuchus
47							Double Cluster in Perseus
48							Coat hanger asterism
49							Mars
50							M2 - Globular in Aquarius
51							Crater Plato
52							M27 - Dumbbell in Vulpecula
53							Double Double Epsilon Lyra
54							M92 - Globular Cluster in Hercules

NS Viewing Log

NS Object	Date	Time	Seeing Conditions	Aperture	Eyepieces	Power	Observing Notes
55							M71 - Globular Cluster in Sagitta
56							M16 - Eagle Nebula
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