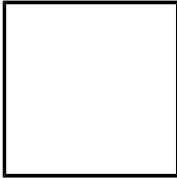


Messier Observations



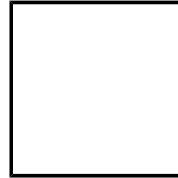
M1 (Crab Nebula)
 (NGC 1952)
Type: Nebula
Constellation: Taurus
RA: 5:34.5 *DEC:* +22:01
Distance: 6,300 ly
Magnitude: 8.4
Apparent Size: 6"x4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



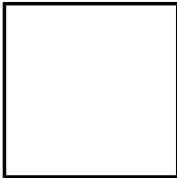
M2
 (NGC 7089)
Type: Globular Cluster
Constellation: Aquarius
RA: 21:33.5 *DEC:* -00:49
Distance: 37,500 ly
Magnitude: 6.5
Apparent Size: 16.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M3
 (NGC 5272)
Type: Globular Cluster
Constellation: Canes Venatici
RA: 13:42.2 *DEC:* +28:23
Distance: 33,900 ly
Magnitude: 6.2
Apparent Size: 18.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



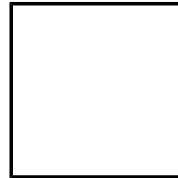
M4
 (NGC 6121)
Type: Globular Cluster
Constellation: Scorpius
RA: 16:23.6 *DEC:* -26:32
Distance: 7,200 ly
Magnitude: 5.6
Apparent Size: 36.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



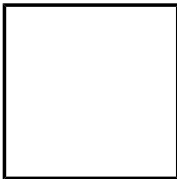
M5
 (NGC 5904)
Type: Globular Cluster
Constellation: Serpens
RA: 15:18.6 *DEC:* +02:05
Distance: 24,500 ly
Magnitude: 5.6
Apparent Size: 23.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



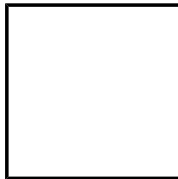
M6 (Butterfly Cluster)
 (NGC 6405)
Type: Open Cluster
Constellation: Scorpius
RA: 17:40.1 *DEC:* -32:13
Distance: 1,600 ly
Magnitude: 4.2
Apparent Size: 25.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



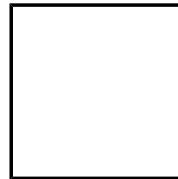
M7 (The Scorpion's Tail, Ptolemy's Cluster)
 (NGC 6475)
Type: Open Cluster
Constellation: Scorpius
RA: 17:53.9 *DEC:* -34:49
Distance: 800 ly
Magnitude: 3.3
Apparent Size: 80.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



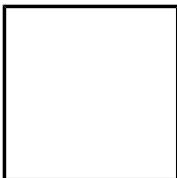
M8 (Lagoon Nebula)
 (NGC 6523)
Type: Nebula
Constellation: Sagittarius
RA: 18:03.8 *DEC:* -24:23
Distance: 5,200 ly
Magnitude: 6.0
Apparent Size: 90"x40"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



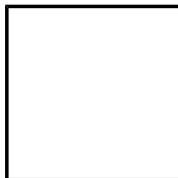
M9
 (NGC 6333)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 17:19.2 *DEC:* -18:31
Distance: 25,800 ly
Magnitude: 7.7
Apparent Size: 12.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



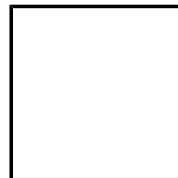
M10
 (NGC 6254)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 16:57.1 *DEC:* -04:06
Distance: 14,300 ly
Magnitude: 6.6
Apparent Size: 20.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



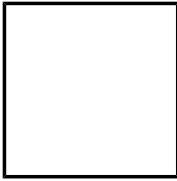
M11 (Wild Duck Cluster)
 (NGC 6705)
Type: Open Cluster
Constellation: Scutum
RA: 18:51.1 *DEC:* -06:16
Distance: 6,000 ly
Magnitude: 6.3
Apparent Size: 14.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



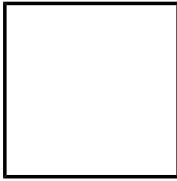
M12
 (NGC 6218)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 16:47.2 *DEC:* -01:57
Distance: 16,000 ly
Magnitude: 6.7
Apparent Size: 16.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



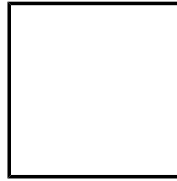
M13 (Hercules Globular Cluster)
 (NGC 6205)
Type: Globular Cluster
Constellation: Hercules
RA: 16:41.7 *DEC:* +36:28
Distance: 25,100 ly
Magnitude: 5.8
Apparent Size: 20.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



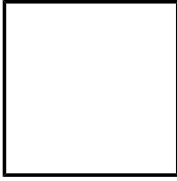
M14
 (NGC 6402)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 17:37.6 *DEC:* -03:15
Distance: 30,300 ly
Magnitude: 7.6
Apparent Size: 11.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



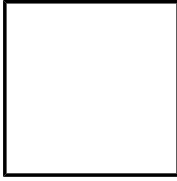
M15
 (NGC 7078)
Type: Globular Cluster
Constellation: Pegasus
RA: 21:30.0 *DEC:* +12:10
Distance: 33,600 ly
Magnitude: 6.2
Apparent Size: 18.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



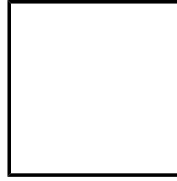
M16 (part of Eagle Nebula)
 (NGC 6611)
Type: Open Cluster
Constellation: Serpens
RA: 18:18.8 *DEC:* -13:47
Distance: 7,000 ly
Magnitude: 6.4
Apparent Size: 7.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



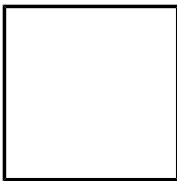
M17 (Omega, Swan, Horseshoe, or Lobster Nebula)
 (NGC 6618)
Type: Nebula
Constellation: Sagittarius
RA: 18:20.8 *DEC:* -16:11
Distance: 5,000 ly
Magnitude: 6.0
Apparent Size: 11.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



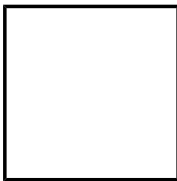
M18
 (NGC 6613)
Type: Open Cluster
Constellation: Sagittarius
RA: 18:19.9 *DEC:* -17:08
Distance: 4,900 ly
Magnitude: 7.5
Apparent Size: 9.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



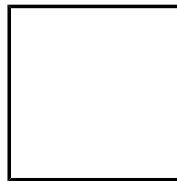
M19
 (NGC 6273)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 17:02.6 *DEC:* -26:16
Distance: 28,000 ly
Magnitude: 6.8
Apparent Size: 17.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



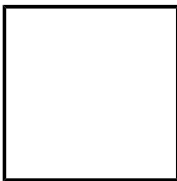
M20 (Trifid Nebula)
 (NGC 6514)
Type: Nebula
Constellation: Sagittarius
RA: 18:02.6 *DEC:* -32:02
Distance: 5,200 ly
Magnitude: 9.0
Apparent Size: 28.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



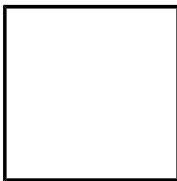
M21
 (NGC 6531)
Type: Open Cluster
Constellation: Sagittarius
RA: 18:04.6 *DEC:* -22:30
Distance: 42,500 ly
Magnitude: 6.5
Apparent Size: 13.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



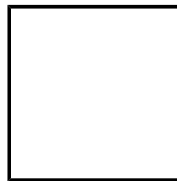
M22
 (NGC 6656)
Type: Globular Cluster
Constellation: Sagittarius
RA: 18:36.4 *DEC:* -23:54
Distance: 10,400 ly
Magnitude: 5.1
Apparent Size: 32.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



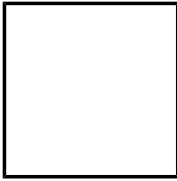
M23
 (NGC 6494)
Type: Open Cluster
Constellation: Sagittarius
RA: 17:56.8 *DEC:* -19:01
Distance: 2,150 ly
Magnitude: 6.9
Apparent Size: 27.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M24 (Sagittarius Star Cloud, Delle Caustiche)
 (NGC 6603)
Type: Star Cloud
Constellation: Sagittarius
RA: 18:16.9 *DEC:* -18:29
Distance: 10,000 ly
Magnitude: 4.6
Apparent Size: 90"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



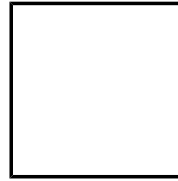
M25
 (IC 4725)
Type: Open Cluster
Constellation: Sagittarius
RA: 18:31.6 *DEC:* -19:15
Distance: 2,000 ly
Magnitude: 4.6
Apparent Size: 32.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



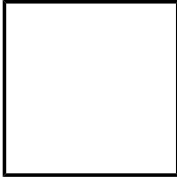
M26
 (NGC 6694)
Type: Open Cluster
Constellation: Scutum
RA: 18:45.2 *DEC:* -09:24
Distance: 5,000 ly
Magnitude: 8.0
Apparent Size: 15.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M27 (Dumbbell Nebula)
 (NGC 6853)
Type: Nebula
Constellation: Vulpecula
RA: 19:59.6 *DEC:* +22:43
Distance: 12,500 ly
Magnitude: 7.4
Apparent Size: 8.0"x5.7"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



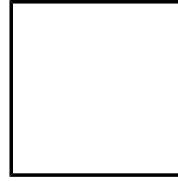
M28
 (NGC 6626)
Type: Globular Cluster
Constellation: Sagittarius
RA: 18:24.5 *DEC:* -24:52
Distance: 18,300 ly
Magnitude: 6.8
Apparent Size: 11.2"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



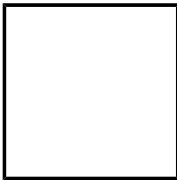
M29
 (NGC 6913)
Type: Open Cluster
Constellation: Cygnus
RA: 20:23.9 *DEC:* +38:32
Distance: 4,000 ly
Magnitude: 7.1
Apparent Size: 7.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M30
 (NGC 7099)
Type: Globular Cluster
Constellation: Capricornus
RA: 21:40.4 *DEC:* -23:11
Distance: 26,100 ly
Magnitude: 7.2
Apparent Size: 12.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



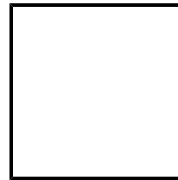
M31 (Andromeda Galaxy)
 (NGC 224)
Type: Galaxy
Constellation: Andromeda
RA: 00:42.7 *DEC:* +41:16
Distance: 2,900,000 ly
Magnitude: 3.4
Apparent Size: 178"x63"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



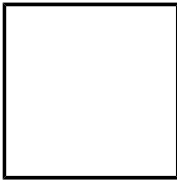
M32 (Satellite of the Andromeda Galaxy)
 (NGC 221)
Type: Galaxy
Constellation: Andromeda
RA: 00:42.7 *DEC:* +40:52
Distance: 2,900,000 ly
Magnitude: 8.1
Apparent Size: 8"x6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M33 (Triangulum Galaxy)
 (NGC 598)
Type: Galaxy
Constellation: Triangulum
RA: 01:33.9 *DEC:* +30:39
Distance: 3,000,000 ly
Magnitude: 5.7
Apparent Size: 73"x45"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



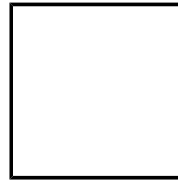
M34
 (NGC 1039)
Type: Open Cluster
Constellation: Perseus
RA: 02:42.0 *DEC:* +42:47
Distance: 1,400 ly
Magnitude: 5.5
Apparent Size: 35.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



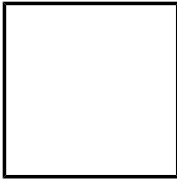
M35
 (NGC 2168)
Type: Open Cluster
Constellation: Gemini
RA: 06:08.9 *DEC:* +24:20
Distance: 2,800 ly
Magnitude: 5.3
Apparent Size: 28.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M36
 (NGC 1960)
Type: Open Cluster
Constellation: Auriga
RA: 05:36.1 *DEC:* +34:08
Distance: 4,100 ly
Magnitude: 6.3
Apparent Size: 12.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



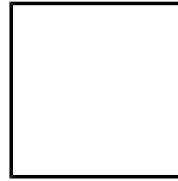
M37
 (NGC 2099)
 Type: Open Cluster
 Constellation: Auriga
 RA: 05:52.4 DEC: +32:33
 Distance: 4,400 ly
 Magnitude: 6.2
 Apparent Size: 24.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



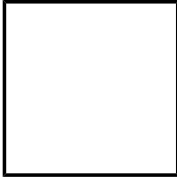
M38
 (NGC 1912)
 Type: Open Cluster
 Constellation: Auriga
 RA: 05:28.4 DEC: +35:50
 Distance: 4,200 ly
 Magnitude: 7.4
 Apparent Size: 21.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M39
 (NGC 7092)
 Type: Open Cluster
 Constellation: Cygnus
 RA: 21:32.2 DEC: +48:26
 Distance: 825 ly
 Magnitude: 4.6
 Apparent Size: 32.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



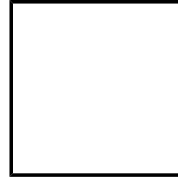
M40 (Winnecke 4)
 Type: Double Star
 Constellation: Ursa Major
 RA: 12:22.4 DEC: +58:05
 Distance: 510 ly
 Magnitude: 8.4
 Apparent Size: 0.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



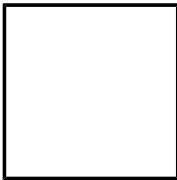
M41
 (NGC 2287)
 Type: Open Cluster
 Constellation: Canis Major
 RA: 06:46.0 DEC: -20:44
 Distance: 2,300 ly
 Magnitude: 4.5
 Apparent Size: 38.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



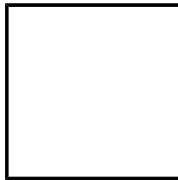
M42 (Orion Nebula)
 (NGC 1976)
 Type: Nebula
 Constellation: Orion
 RA: 05:35.4 DEC: -05:27
 Distance: 1,600 ly
 Magnitude: 4.0
 Apparent Size: 85"x60"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



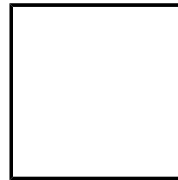
M43 (De Mairan's Nebula)
 (NGC 1982)
 Type: Nebula
 Constellation: Orion
 RA: 05:35.6 DEC: -05:16
 Distance: 1,600 ly
 Magnitude: 9.0
 Apparent Size: 20"x15"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



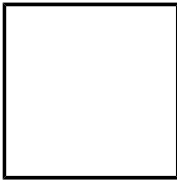
M44 (Beehive Cluster, Praesepe)
 (NGC 2632)
 Type: Open Cluster
 Constellation: Cancer
 RA: 08:40.1 DEC: +19:59
 Distance: 577 ly
 Magnitude: 3.7
 Apparent Size: 95.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M45 (Pleiades, Subaru)
 Type: Open Cluster
 Constellation: Taurus
 RA: 03:47.0 DEC: +24:07
 Distance: 440 ly
 Magnitude: 1.6
 Apparent Size: 110.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



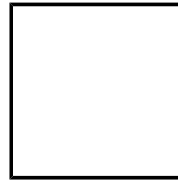
M46
 (NGC 2437)
 Type: Open Cluster
 Constellation: Puppis
 RA: 07:41.8 DEC: -14:49
 Distance: 5,400 ly
 Magnitude: 6.0
 Apparent Size: 27.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



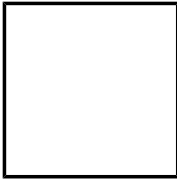
M47
 (NGC 2422)
 Type: Open Cluster
 Constellation: Puppis
 RA: 07:36.6 DEC: -14:30
 Distance: 1,600 ly
 Magnitude: 5.2
 Apparent Size: 30.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M48
 (NGC 2548)
 Type: Open Cluster
 Constellation: Hydra
 RA: 08:13.8 DEC: -05:48
 Distance: 1,500 ly
 Magnitude: 5.5
 Apparent Size: 54.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



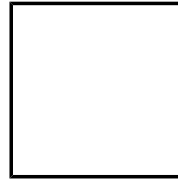
M49
 (NGC 4472)
Type: Galaxy
Constellation: Virgo
RA: 12:29.8 *DEC:* +08:00
Distance: 60,000,000 ly
Magnitude: 8.4
Apparent Size: 9"x7.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



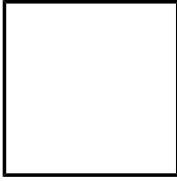
M50
 (NGC 2323)
Type: Open Cluster
Constellation: Monoceros
RA: 07:03.2 *DEC:* -08:20
Distance: 3,200 ly
Magnitude: 5.9
Apparent Size: 16.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M51 (Whirlpool Galaxy)
 (NGC 5194)
Type: Galaxy
Constellation: Canes Venatici
RA: 13:29.9 *DEC:* +47:12
Distance: 37,000,000 ly
Magnitude: 8.4
Apparent Size: 11"x7"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



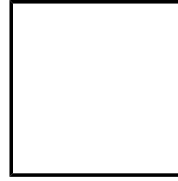
M52
 (NGC 7654)
Type: Open Cluster
Constellation: Cassiopeia
RA: 23:24.2 *DEC:* +61:35
Distance: 5,000 ly
Magnitude: 7.3
Apparent Size: 13.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



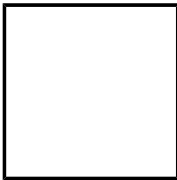
M53
 (NGC 5024)
Type: Globular Cluster
Constellation: Coma Berenices
RA: 13:12.9 *DEC:* +18:10
Distance: 58,000 ly
Magnitude: 7.6
Apparent Size: 13.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M54 (Sagittarius Dwarf Elliptical Galaxy)
 (NGC 6715)
Type: Globular Cluster
Constellation: Sagittarius
RA: 18:55.1 *DEC:* -30:29
Distance: 87,400 ly
Magnitude: 7.6
Apparent Size: 12.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



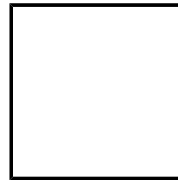
M55
 (NGC 6809)
Type: Globular Cluster
Constellation: Sagittarius
RA: 19:40.0 *DEC:* -30:58
Distance: 17,300 ly
Magnitude: 6.3
Apparent Size: 19.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



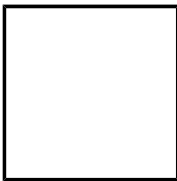
M56
 (NGC 6779)
Type: Globular Cluster
Constellation: Lyra
RA: 19:16.6 *DEC:* +30:11
Distance: 32,900 ly
Magnitude: 8.3
Apparent Size: 8.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



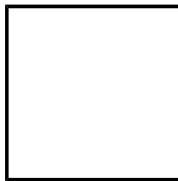
M57 (Ring Nebula)
 (NGC 6720)
Type: Nebula
Constellation: Lyra
RA: 18:53.6 *DEC:* +33:02
Distance: 2,300 ly
Magnitude: 8.8
Apparent Size: 1.4"x1.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



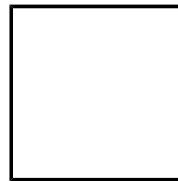
M58
 (NGC 4579)
Type: Galaxy
Constellation: Virgo
RA: 12:37.7 *DEC:* +11:49
Distance: 60,000,000 ly
Magnitude: 9.7
Apparent Size: 5.5"x4.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



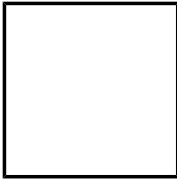
M59
 (NGC 4621)
Type: Galaxy
Constellation: Virgo
RA: 12:42.0 *DEC:* +11:39
Distance: 60,000,000 ly
Magnitude: 9.6
Apparent Size: 5"x3.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M60
 (NGC 4649)
Type: Galaxy
Constellation: Virgo
RA: 12:43.7 *DEC:* +11:33
Distance: 60,000,000 ly
Magnitude: 8.8
Apparent Size: 7"x6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



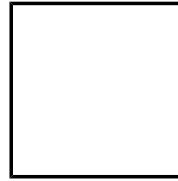
M61
 (NGC 4303)
Type: Galaxy
Constellation: Virgo
RA: 12:21.9 *DEC:* +04:28
Distance: 60,000,000 ly
Magnitude: 9.7
Apparent Size: 6"x5.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



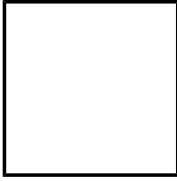
M62
 (NGC 6266)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 17:01.2 *DEC:* -30:07
Distance: 22,500 ly
Magnitude: 6.5
Apparent Size: 15.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M63 (Sunflower Galaxy)
 (NGC 5055)
Type: Galaxy
Constellation: Canes Venatici
RA: 13:15.8 *DEC:* +42:02
Distance: 37,000,000 ly
Magnitude: 8.6
Apparent Size: 10"x6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



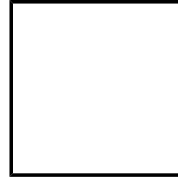
M64 (Blackeye Galaxy, Sleeping Beauty Galaxy)
 (NGC 4826)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:56.7 *DEC:* +21:41
Distance: 19,000,000 ly
Magnitude: 8.5
Apparent Size: 9.3"x5.4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



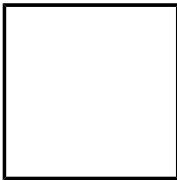
M65 (in the Leo Triplet)
 (NGC 3623)
Type: Galaxy
Constellation: Leo
RA: 11:18.9 *DEC:* +13:05
Distance: 35,000,000 ly
Magnitude: 9.3
Apparent Size: 8"x1.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



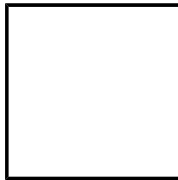
M66 (in the Leo Triplet)
 (NGC 3627)
Type: Galaxy
Constellation: Leo
RA: 11:20.2 *DEC:* +12:59
Distance: 35,000,000 ly
Magnitude: 8.9
Apparent Size: 8"x2.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



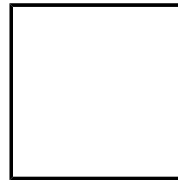
M67
 (NGC 2682)
Type: Open Cluster
Constellation: Cancer
RA: 08:50.4 *DEC:* +11:49
Distance: 2,700 ly
Magnitude: 6.1
Apparent Size: 30.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



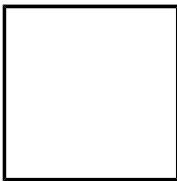
M68
 (NGC 4590)
Type: Globular Cluster
Constellation: Hydra
RA: 12:39.5 *DEC:* -26:45
Distance: 33,300 ly
Magnitude: 7.8
Apparent Size: 11.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



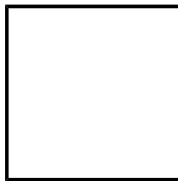
M69
 (NGC 6637)
Type: Globular Cluster
Constellation: Sagittarius
RA: 18:31.4 *DEC:* -32:21
Distance: 29,700 ly
Magnitude: 7.6
Apparent Size: 9.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



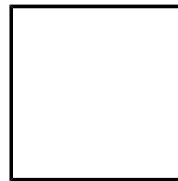
M70
 (NGC 6681)
Type: Globular Cluster
Constellation: Sagittarius
RA: 18:43.2 *DEC:* -32:18
Distance: 29,300 ly
Magnitude: 7.9
Apparent Size: 8.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



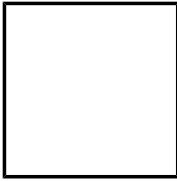
M71
 (NGC 6838)
Type: Globular Cluster
Constellation: Sagitta
RA: 19:53.8 *DEC:* +18:47
Distance: 13,000 ly
Magnitude: 8.2
Apparent Size: 7.2"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M72
 (NGC 6981)
Type: Globular Cluster
Constellation: Aquarius
RA: 20:53.5 *DEC:* -12:32
Distance: 55,400 ly
Magnitude: 9.3
Apparent Size: 6.6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



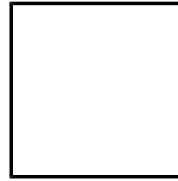
M73
 (NGC 6994)
Type: Star Asterism
Constellation: Aquarius
RA: 20:58.9 *DEC:* -12:38
Distance: 2,500 ly
Magnitude: 9.0
Apparent Size: 2.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



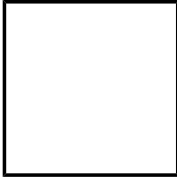
M74
 (NGC 628)
Type: Galaxy
Constellation: Pisces
RA: 01:36.7 *DEC:* +15:47
Distance: 35,000,000 ly
Magnitude: 9.4
Apparent Size: 10.2"x9.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M75
 (NGC 6864)
Type: Globular Cluster
Constellation: Sagittarius
RA: 20:06.1 *DEC:* -21:55
Distance: 67,500 ly
Magnitude: 8.5
Apparent Size: 6.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



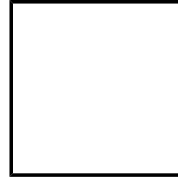
M76 (Little Dumbbell Nebula)
 (NGC 650)
Type: Nebula
Constellation: Perseus
RA: 01:42.4 *DEC:* +51:34
Distance: 3,400 ly
Magnitude: 10.1
Apparent Size: 2.7"x1.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



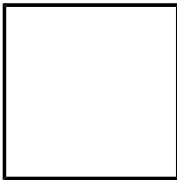
M77 (Cetus A)
 (NGC 1068)
Type: Galaxy
Constellation: Cetus
RA: 02:42.7 *DEC:* -00:01
Distance: 60,000,000 ly
Magnitude: 8.9
Apparent Size: 7"x6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M78
 (NGC 2068)
Type: Nebula
Constellation: Orion
RA: 05:46.7 *DEC:* +00:03
Distance: 1,600 ly
Magnitude: 8.3
Apparent Size: 8"x6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



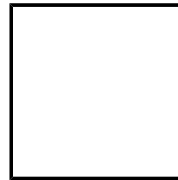
M79
 (NGC 1904)
Type: Globular Cluster
Constellation: Lepus
RA: 05:24.5 *DEC:* -24:33
Distance: 42,100 ly
Magnitude: 7.7
Apparent Size: 9.6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



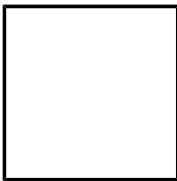
M80
 (NGC 6093)
Type: Globular Cluster
Constellation: Scorpius
RA: 16:17.0 *DEC:* -22:59
Distance: 32,600 ly
Magnitude: 7.3
Apparent Size: 10.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



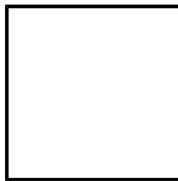
M81 (Bode's Galaxy)
 (NGC 3031)
Type: Galaxy
Constellation: Ursa Major
RA: 09:55.6 *DEC:* +69:04
Distance: 12,000,000 ly
Magnitude: 6.9
Apparent Size: 21"x10"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



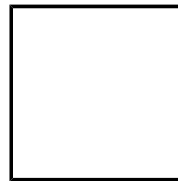
M82 (Cigar Galaxy)
 (NGC 3034)
Type: Galaxy
Constellation: Ursa Major
RA: 09:55.8 *DEC:* +69:41
Distance: 12,000,000 ly
Magnitude: 8.4
Apparent Size: 9"x4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



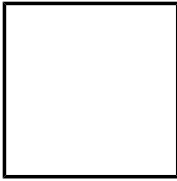
M83 (Southern Pinwheel)
 (NGC 5236)
Type: Galaxy
Constellation: Hydra
RA: 13:37.0 *DEC:* -29:52
Distance: 15,000,000 ly
Magnitude: 7.6
Apparent Size: 11"x10"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



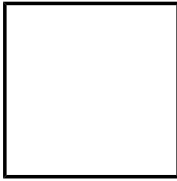
M84
 (NGC 4374)
Type: Galaxy
Constellation: Virgo
RA: 12:25.1 *DEC:* +12:53
Distance: 60,000,000 ly
Magnitude: 9.1
Apparent Size: 5.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



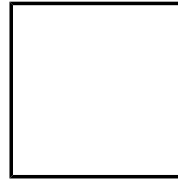
M85
 (NGC 4382)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:25.4 *DEC:* +18:11
Distance: 60,000,000 ly
Magnitude: 9.1
Apparent Size: 7.1"x5.2"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



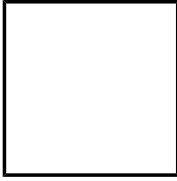
M86
 (NGC 4406)
Type: Galaxy
Constellation: Virgo
RA: 12:26.2 *DEC:* +12:57
Distance: 60,000,000 ly
Magnitude: 8.9
Apparent Size: 7.5"x5.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



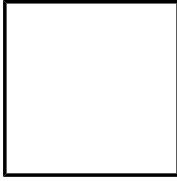
M87
 (NGC 4486)
Type: Galaxy
Constellation: Virgo
RA: 12:30.8 *DEC:* +12:24
Distance: 60,000,000 ly
Magnitude: 8.6
Apparent Size: 7.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



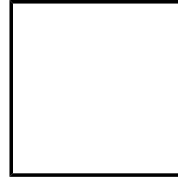
M88
 (NGC 4501)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:32.0 *DEC:* +14:25
Distance: 60,000,000 ly
Magnitude: 9.6
Apparent Size: 7"x4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



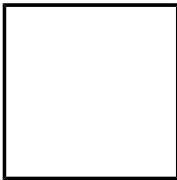
M89
 (NGC 4552)
Type: Galaxy
Constellation: Virgo
RA: 12:35.7 *DEC:* +12:33
Distance: 60,000,000 ly
Magnitude: 9.8
Apparent Size: 4.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



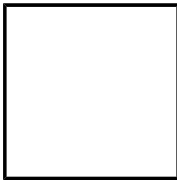
M90
 (NGC 4569)
Type: Galaxy
Constellation: Virgo
RA: 12:36.8 *DEC:* +13:10
Distance: 60,000,000 ly
Magnitude: 9.5
Apparent Size: 9.5"x4.5"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



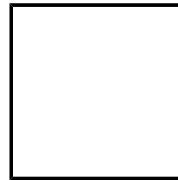
M91
 (NGC 4548)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:35.4 *DEC:* +14:30
Distance: 60,000,000 ly
Magnitude: 10.2
Apparent Size: 5.4"x4.4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



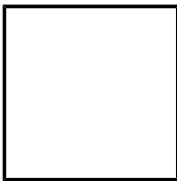
M92
 (NGC 6341)
Type: Globular Cluster
Constellation: Hercules
RA: 17:17.1 *DEC:* +43:08
Distance: 26,700 ly
Magnitude: 6.4
Apparent Size: 14.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



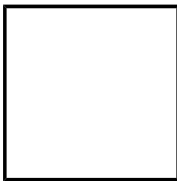
M93
 (NGC 2447)
Type: Open Cluster
Constellation: Puppis
RA: 07:44.6 *DEC:* -23:52
Distance: 3,600 ly
Magnitude: 6.0
Apparent Size: 22.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



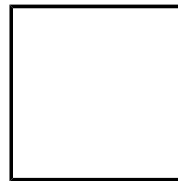
M94
 (NGC 4736)
Type: Galaxy
Constellation: Canes Venatici
RA: 12:50.9 *DEC:* +41:07
Distance: 14,500,000 ly
Magnitude: 8.2
Apparent Size: 7"x3"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



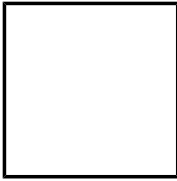
M95
 (NGC 3351)
Type: Galaxy
Constellation: Leo
RA: 10:44.0 *DEC:* +11:42
Distance: 38,000,000 ly
Magnitude: 9.7
Apparent Size: 4.4"x3.3"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M96
 (NGC 3368)
Type: Galaxy
Constellation: Leo
RA: 10:46.8 *DEC:* +11:49
Distance: 38,000,000 ly
Magnitude: 9.2
Apparent Size: 6"x4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



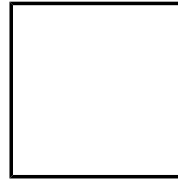
M97 (Owl Nebula)
 (NGC 3587)
Type: Nebula
Constellation: Ursa Major
RA: 11:14.8 *DEC:* +55:01
Distance: 2,600 ly
Magnitude: 9.9
Apparent Size: 3.4"x3.3"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



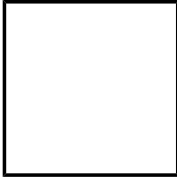
M98
 (NGC 4192)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:13.8 *DEC:* +14:54
Distance: 60,000,000 ly
Magnitude: 10.1
Apparent Size: 9.5"x3.2"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M99
 (NGC 4254)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:18.8 *DEC:* +14:25
Distance: 60,000,000 ly
Magnitude: 9.9
Apparent Size: 5.4"x4.8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



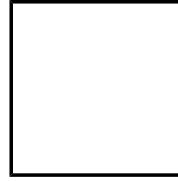
M100
 (NGC 4321)
Type: Galaxy
Constellation: Coma Berenices
RA: 12:22.9 *DEC:* +15:49
Distance: 60,000,000 ly
Magnitude: 9.3
Apparent Size: 7"x6"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



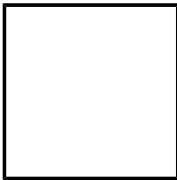
M101 (Pinwheel Galaxy)
 (NGC 5457)
Type: Galaxy
Constellation: Ursa Major
RA: 14:03.2 *DEC:* +54:21
Distance: 27,000,000 ly
Magnitude: 7.9
Apparent Size: 22.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M102 (Spindle Galaxy)
 (NGC 5866)
Type: Galaxy
Constellation: Draco
RA: 15:06.5 *DEC:* +55:46
Distance: 45,000,000 ly
Magnitude: 9.9
Apparent Size: 5.2"x2.3"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



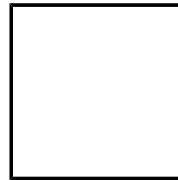
M103
 (NGC 581)
Type: Open Cluster
Constellation: Cassiopeia
RA: 01:33.2 *DEC:* +60:42
Distance: 8,500 ly
Magnitude: 7.4
Apparent Size: 6.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



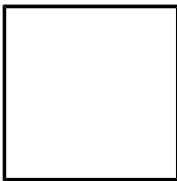
M104 (Sombrero Galaxy)
 (NGC 4594)
Type: Galaxy
Constellation: Virgo
RA: 12:40.0 *DEC:* -11:37
Distance: 50,000,000 ly
Magnitude: 8.0
Apparent Size: 9"x4"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



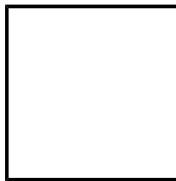
M105
 (NGC 3379)
Type: Galaxy
Constellation: Leo
RA: 10:47.8 *DEC:* +12:35
Distance: 38,000,000 ly
Magnitude: 9.3
Apparent Size: 2.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



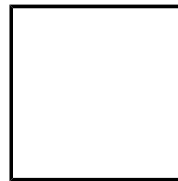
M106
 (NGC 4258)
Type: Galaxy
Constellation: Canes Venatici
RA: 12:19.0 *DEC:* +47:18
Distance: 25,000,000 ly
Magnitude: 8.4
Apparent Size: 19"x8"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



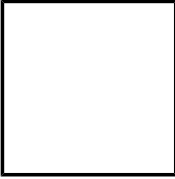
M107
 (NGC 6171)
Type: Globular Cluster
Constellation: Ophiuchus
RA: 16:32.5 *DEC:* -13:03
Distance: 20,900 ly
Magnitude: 7.9
Apparent Size: 13.0"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____

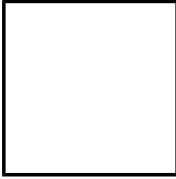


M108
 (NGC 3556)
Type: Galaxy
Constellation: Ursa Major
RA: 11:11.5 *DEC:* +55:40
Distance: 45,000,000 ly
Magnitude: 10.0
Apparent Size: 8"x1"

Date/Time: _____
 Location: _____
 Seeing/Transparency: _____
 Telescope/Aperture: _____
 Power/Eyepiece: _____
 Notes: _____



M109
 (NGC 3992)
Type: Galaxy
Constellation: Ursa Major
RA: 11:57.6 *DEC:* +53:23
Distance: 55,000,000 ly
Magnitude: 9.8
Apparent Size: 7"x4"



M110 (Satellite of the Andromeda Galaxy)
 (NGC 205)
Type: Galaxy
Constellation: Andromeda
RA: 00:40.4 *DEC:* +41:41
Distance: 2,900,000 ly
Magnitude: 8.5
Apparent Size: 17"x10"

Date/Time: _____

Location: _____

Seeing/Transparency: _____

Telescope/Aperture: _____

Power/Eyepiece: _____

Notes: _____

Date/Time: _____

Location: _____

Seeing/Transparency: _____

Telescope/Aperture: _____

Power/Eyepiece: _____

Notes: _____

Produced by Don Ferren (<http://ferren.aristotle.net>), Messier data from SEDS.org