

## Messier Winter Objects

### Notes

M52	NGC7654	Young, rich cluster; faint bubble nebula close by
M110	NGC 205	more distant companion to M 31
M31	NGC 224	**Andromeda Gal; look for dust lanes
M32	NGC 221	closest companion to M31
M 33	NGC 598	large, diffuse spiral; requires dark sky
M103	NGC 581	three NGC open clusters nearby
M 76	NGC 650/651	Little Dumbbell; faint but distinct
M 34	NGC1039	best at low power
M 45	XXX	**Pleiades; look for subtle nebulosity
M 79	NGC1904	200 mm telescope needed to resolve
M 38	NGC1912	look for small cluster NGC 1907
M 01	NGC1952	**Crab Nebula; supernova remnant
M 43	NGC1982	Detached section of Orion Nebula
M 42	NGC1976	**Orion Nebula; finest in the northern sk
M 36	NGC1960	bright but scattered group; use low power
M 78	NGC2068	bright, featureless reflection nebula
M 37	NGC2099	**finest of three Auriga clusters; very rich
M 35	NGC2168	**look for sm. cluster NGC 2158 south
M 41	NGC2287	4 deg south of Sirius; bright but coarse
M 50	NGC2323	between Sirius and Procyon; use low mag
M 47	NGC2422	coarse cluster west of M 46
M 46	NGC2437	**contain planetary nebula NGC243
M 93	NGC2447	compact, bright cluster; fairly rich

\*\* Showpiece Object

Observing Chart Setup:	Scope: Celestron SCT8 Evolution, no filters, 2000mm F/L
Location	Columbus Dark Site
Eyepieces	Eyepieces listed to give an idea of magnification suggested
Optimum Time	Sort field listing suggested priority and time frame