

TABLE MOUNTAIN OBSERVING LIST #1

By James A. Bielaga & Edited for 2010 by John Goar

#	ID	MAG	SIZE	TYPE OBJECT	CONSTELLATION	R.A.	DEC.	DESCRIPTION
Naked Eye Objects/Binocular Objects								
1	Ngc 752	5.7	50.0'	Open Cluster	Andromeda	01 57.8	37.41	Naked eye object with 40 stars visible in Telescope Naked eye fuzzy patch above star only 2.4 Million light years
2	M31	3.4	178'x63'	Andromeda Galaxy	Andromeda	00 40.4	41.41	away
3	M51	8.4	8.2'x6.9'	Whirlpool Galaxy	Canes Venatici	13 29.9	47.12	Need binoculars to see the whirlpool but visible from Table
4	Ngc 884/869	4.3/4.4	30'/30'	Double Cluster	Perseus	02 19.0	57.09	Naked eye patch of glow below the W of Cassiopeia
5	M13	5.9	20.0'	Hercules Cluster	Hercules	16 41.7	36.28	Binocular object just below right side of keystone of Hercules
6	M8	6	90.0'x40.0'	Lagoon Nebula	Sagittarius	18 03.8	-24.23	Binocular object looks like fuzzy patch off of tea pot
7	M6	4.2	54.0'	Butterfly Cluster	Scorpius	17 40.1	-32.13	Naked eye object looks like butterfly in eyepiece
8	M7	3.3	50.0'	Open Cluster	Scorpius	17 53.9	-34.49	Naked eye object just below M6 and tail of Scorpio
9	M45	3	120.0'	Pleiades Cluster	Taurus	03 47.0	24.07	Naked eye object best viewed in binoculars
10	M33	5.7	62.0'x39.0'	Pinwheel Galaxy	Triangulum	01 33.9	30.39	Naked eye challenge but visible in binoculars as faint glow
Telescope Objects								
11	Ngc 457	6.4	13.0'	Owl Cluster	Cassiopeia	01 19.1	58.20	Owl Cluster; look like an owl in a tree
12	OEE254	7.6/8.7	58.1"	Double Star	Cassiopeia	00 01.2	60.20	The Stop Light Double Red and Green Stars
13	Ngc 6826	10	30.0"x140.0"	Blinking Nebula	Cygnus	19 44.8	50.31	Blinking planetary nebula, it really blinks
14	Albireo	3/5.1	34.3"	Double Star	Cygnus	19 30.7	27.58	Beautiful double gold and blue.
15	Ngc 6543	8.6	22.0"x16.0"	Cats Eye Nebula	Draco	17 58.6	66.38	Cat's eye; green color central star is easy to see
16	M92	6.4	11.2'	Globular Cluster	Hercules	17 17.1	43.08	My favorite globular in North with tight core
17	Ngc 6210	9.7	20.0"x16.0"	Planetary Nebula	Hercules	16 44.5	23.49	A little emerald by a nice double star
18	M56	8.3	7.1'	Globular Cluster	Lyra	19 16.6	30.11	A nice small globular in rich star field
19	M57	8.8	71.0"	Ring Nebula	Lyra	18 53.6	33.02	The Ring Nebula small smoke ring easy to find
20	M15	6.4	12.0'	Globular Cluster	Pegasus	21 30.0	12.10	Nice tight globular easy to resolve
21	M17	7	46.0'x37.0'	Swan Nebula	Sagittarius	18 20.8	-16.11	Check mark/#2 or Swan Nebula this one stands out
22	Ngc 6520/B86	7.6/N/A	6.0'*	Open Cl/D.Nebula	Sagittarius	18 03.4	-27.54	Bright open cluster with dark nebula in same field One of the Best Galaxies in the sky! 4th Brightest in Northern sky
23	Ngc 253	7.1	25.1'x7.4'	Galaxy Scp	Sculptor	00 47.6	-25.17	
24	M11	5.8	13.0'	Wild Duck Cluster	Scutum	18 51.1	-6.16	The Wild Duck Cluster very bright star in center a showpiece
25	M27	8	8.0'x4.0'	Dumbbell Nebula	Vulpecula	19 59.6	22.43	Dumbbell nebula; it looks like hourglass nebula filters help