

Okie-Tex  
New Observers Challenge List

ID	Nickname/Notes	RA			Dec			Type	Constellation	Magnitude	Size	Date	Time
M 31	Andromeda Galaxy	00	42	44.3	41	16	06	GX	Andromeda	3.4	180'x63'		
NGC 253	Silver Coin Galaxy	00	47	33.1	-25	17	17	GX	Sculptor	7.1	25' x 7.4'		
NGC 247		00	47	8.4	-20	45	36	GX	Cetus	9.1	20.0' x 7.4'		
M 33	Triangulum Galaxy	01	33	50.8	30	39	37	GX	Triangulum	5.7	70.8'		
NGC 869/884	Double Cluster	02	19	03.8	57	08	06	OC	Perseus	5.3 & 6.1	29' and 29'		
NGC 891		02	22	33.5	42	21	03	GX	Andromeda	10.8	13' x 2.8'		
M 34		02	42	07.4	42	44	46	OC	Perseus	5.2	35'		
M 77	Cetus A	02	42	40.7	-00	00	47	GX	Cetus	8.8	6.9' x 5.9'		
M 42	Orion Nebula	05	35	16.5	-05	23	23	EN	Orion	3.7	90' x 60'		
M 36		05	36	17.7	34	08	27	OC	Auriga	6	12'		
M 35		06	08	55.9	24	21	28	OC	Gemini	5.1	28'		
M 41		06	46	00	-20	45	15	OC	Canis Major	4.5	38'		
NGC 2403		07	36	51.8	65	36	13	GX	Camelopardis	8.4	18' x 11'		
M 46	Look for NGC 2438 in front	07	41	46.8	-14	48	36	OC	Puppis	6.1	27'		
M 81/ 82	Bodes And Cigar Galaxies	09	55	32.9	69	03	55	GX	Ursa Major	6.8 & 8.4	26'x14' & 11'x4.6'		
M 13	Hercules Cluster	16	41	41.4	36	27	36	GC	Hercules	5.7	17'		
M 20	Trifid Nebula	18	02	18.0	-23	02	00	EN	Sagittarius	6.3	13'		
M 8	Lagoon Nebula	18	03	48.0	-24	23	00	EN	Sagittarius	5	90' x 4.0'		
M 22		18	36	24.0	-23	54	00	GC	Sagittarius	5.1	24'		
M 11	Wild Duck Cluster	18	51	6.0	-6	16	00	OC	Scutum	5.8	13'		
M 57	Ring Nebula	18	53	35.09	33	01	44.5	PN	Lyra	8.8	86" x 62"		
M 56		19	16	36.0	30	11	00	GC	Lyra	8.3	7.1'		
NGC 6826	Blinking Planetary	19	44	48.17	50	31	30.4	PN	Cygnus	8.8	27" x 24"		
M 27	Dumbell Nebula	19	59	36.33	22	43	16.0	PN	Vulpecula	7.3	8.0 x 5.7'		
NGC 6960	Veil Nebula - West half	20	45	42.0	30	43	00	EN	Cygnus	7	70.0'		
NGC 7009	Saturn Nebula	21	04	10.7	-11	21	49	PN	Aquarius	8	44" x 23"		
M 15		21	29	58.4	12	10	00	GC	Pegasus	6	12'		
M 2		21	33	29.3	-00	49	23	GC	Aquarius	6.4	13'		
NGC 7662	Blue Snowball	23	25	53.93	42	32	06.1	PN	Andromeda	8.3	32" x 28"		
NGC 7789	Magnificent Cluster	23	57	00	56	44	00	OC	Cassiopea	6.7	15'		

Rules:

- 1) Observe and Record 20 of the 30 objects listed while at Okie-Tex. (Just date and time.)
- 2) No GOTO scopes are allowed.
- 3) Turn in your completed sheet by Noon Saturday.
- 4) Have Fun!

Name: \_\_\_\_\_