

N4538 1101 A small oval of glow
 N4496 1103 A med sized of ghostly glow w/16 stellar core

Clouds forming in East just under where I'm looking.
 I saw some nice galaxies, but even 12.8 were of.
 When I got home, see a thick haze along E & S horizon.
 3rd mag stars hard to see overhead.

3/31/19 @ LTO Clear Seeing TOK 40° when I got home

8155	Algebra nicely split in 13" min						11113 4825	11151 5009
8157	N4242	9:46 4705	10:19 4674	10:47 5209			11120 4784	11152 5040
8159	N4232	9:47 4708	10:20 4655		5239		11122 4783	11154 4977
	N4231	9:48 4263	10:22 4707	10:48 5210			11124 4816	11155 4964
	N4218	9:51 4288	10:23 4704	10:50 4741			11125 4819	11157 5278
9104	4145	9:53 4366	10:25 4700	10:51 4747			11126 4834	11158 5368
	4156	9:54 4392	13.7 faint round glow	10:53 4739		ST OK	00100 5201	
9107	4117		4389	10:26 4682	10:54 4731		11128 4827	00101 5225
9109	4035	9:57 4460	11ce	10:27 4690	10:55 4748		11129 4818	00102 5256
9110	4114	9:59 4529		10:28 4714	10:56 4759		11131 4839	ST Good
9111	4177	10:00 4504		10:30 4782	10:57 4765		4840	00104 5303
9113	4129	10:01 4514		4783	10:58 4763		4841	00105 4963
9115	4403	10:03 4520		4794	10:59 4774		11134 4843	00106 4985
	4404	10:05 4626		10:32 4714	11:01 4770		11136 4869	00108 5093
9116	4422		4628	10:34 4724		4773	11137 4892	0110 5214
9117	4348	10:06 4625		4727	11:03 4775		11138 4878	0111 5289
9119	4418	10:08 4630		10:35 4720	11:04 4777		11140 4899	0112 5362
9122	4541	10:10 4632		10:37 4771	11:05 4786		11141 4908	0113 5410
9123	4599	10:13 4642		10:38 4772	11:06 4813		104051	0115 5355
	9124 4600	12.6 Barely there.		10:39 4799	11:07 4879		4923	0116 5407
	ST Fair	10:13 4653		10:41 4808	11:08 4989		4927	0117 5403
9142	4688	10:15 4658		10:43 5019	11:10 4942		11146 4932	0118 5361
9144	4713	10:16 4668		10:44 5118	11:11 4925		11148 4998	0119 5305
9145	4701	10:17 4671		10:46 5208	11:12 4790		11150 4987	0120 5243

0:22	5107	0:58	4932	1:35	5345	
0:24	4986	1:01	4957			
0:25	5149		4961			M83 nice 2103
	5154	1:03	4974			M13 Looks very nice
0:26	5240		4966			M57 nice
0:27	5265	1:04	4979			
0:32	5461	1:05	5000			Great night Finished #2500s
0:34	5352	1:06	5019			will relook at all of TSP
0:35	5399		ST Good			
0:37	5233	1:08	5032			
0	5223	1:10	5094			
	5229	1:11	5116			
0:39	5096	1:12	5146			
0:40	5312	1:15	5183			
0:41	5433		5184			
0:45	5157	1:16	5199			
0:46	5127	1:14	5203			
0:47	5074	1:18	5221			
0:48	5025		5222			
0:49	5187	1:19	5224			
0:50	5065	1:20	5227			
	5057	1:21	5250			
0:51	5089	1:22	5235			
0:52	5064	1:25	5251			
0:54	4944	1:26	5252			
0:55	4983	1:27	5257			
0:56	4970		5258			
0:57	5328	1:28	5263			
		1:29	5327			
		1:30	5336			
		1:31	5329			
			5331			
		1:32	5343			
		1:33	5370			

ST OK

NGC 4035	NGC 4701	NGC 4899	NGC 5201	NGC 5356	1140
NGC 4114	NGC 4705	NGC 4908	NGC 5187	NGC 5369	1141
NGC 4117	NGC 4708	NGC 4923	NGC 5183	NGC 5374	1142
NGC 4129	NGC 4713	NGC 4927	NGC 5184	NGC 5402	1143
NGC 4145	NGC 4714	NGC 4925	NGC 5199	NGC 5392	1144
NGC 4156	NGC 4720	NGC 4932	NGC 5203	NGC 5399	
NGC 4177	NGC 4724	NGC 4944	NGC 5208	NGC 5401	
NGC 4218	NGC 4741	NGC 4942	NGC 5209	NGC 5403	
NGC 4231	NGC 4727	NGC 4952	NGC 5214	NGC 5400	1144
NGC 4232	NGC 4731	NGC 4957	NGC 5210	NGC 5410	
NGC 4242	NGC 4739	NGC 4964	NGC 5225	NGC 5407	
NGC 4263	NGC 4747	NGC 4961	NGC 5223	NGC 5417	1145
NGC 4288	NGC 4748	NGC 4963	NGC 5228	NGC 5433	
NGC 4348	NGC 4759	NGC 4974	NGC 5221	NGC 5446	1146
NGC 4366	NGC 4765	NGC 4977	NGC 5222	NGC 5463	1147
NGC 4392	NGC 4774	NGC 4966	NGC 5233	NGC 5476	1148
NGC 4389	NGC 4763	NGC 4970	NGC 5224	NGC 5478	1149
NGC 4403	NGC 4771	NGC 4979	NGC 5227	NGC 5482	1150
NGC 4404	NGC 4770	NGC 4987	NGC 5240	NGC 5491A	1151
NGC 4418	NGC 4772	NGC 4985	NGC 5250	NGC 5546	1152
NGC 4422	NGC 4773	NGC 4998	NGC 5235	NGC 5549	
NGC 4460	NGC 4775	NGC 4983	NGC 5243	NGC 5570	1153
NGC 4529	NGC 4777	NGC 4986	NGC 5239	NGC 5596	1154
NGC 4504	NGC 4786	NGC 5003	NGC 5251	NGC 5598	1155
NGC 4514	NGC 4782	NGC 4989	NGC 5252	NGC 5603	
NGC 4520	NGC 4783	NGC 5000	NGC 5256	NGC 5599	1156
NGC 4541	NGC 4784	NGC 5009	NGC 5257	NGC 5642	1157
NGC 4600	NGC 4793	NGC 5004	NGC 5258	NGC 5652	1158
NGC 4599	NGC 4790	NGC 5019	NGC 5263	NGC 5673	2100
NGC 4625	NGC 4794	NGC 5025	NGC 5265	NGC 5661	2101
NGC 4626	NGC 4799	NGC 5032	NGC 5278	NGC 5679	2102
NGC 4628	NGC 4808	NGC 5040	NGC 5289		
NGC 4630	NGC 4816	NGC 5057	NGC 5305		
NGC 4632	NGC 4834	NGC 5065	NGC 5312		
NGC 4642	NGC 4819	NGC 5074	NGC 5327		
NGC 4655	NGC 4813	NGC 5089	NGC 5336		
NGC 4653	NGC 4827	NGC 5093	NGC 5329		
NGC 4658	NGC 4818	NGC 5096	NGC 5331		
NGC 4668	NGC 4825	NGC 5094	NGC 5328		
NGC 4671	NGC 4839	NGC 5107	NGC 5352		
NGC 4676A	NGC 4840	NGC 5116	NGC 5355		
NGC 4682	NGC 4841A	NGC 5118	NGC 5343		
NGC 4688	NGC 4843	NGC 5127	NGC 5370		
NGC 4690	NGC 4869	NGC 5149	NGC 5345		
NGC 4707	NGC 4892	NGC 5154	NGC 5368		
NGC 4704	NGC 4878	NGC 5146	NGC 5361		
NGC 4700	NGC 4879	NGC 5157	NGC 5362		

H2400, left
3/26/19