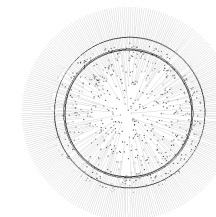




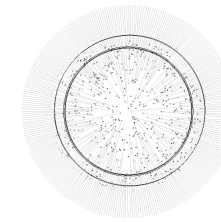
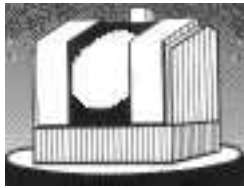
MMT OBSERVATORY HECTOSPEC LOG



UT Date 04/12/2024 Observers RH

Focus 1.07 Filter none

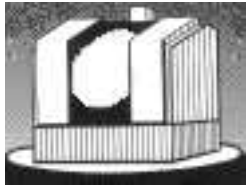
File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
bias.2494	parked	270	0	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2495	parked	270	0	23:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2496	parked	270	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2497	parked	270	0	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2498	parked	270	0	23:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2499	parked	270	0	23:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2500	parked	270	0	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2501	parked	270	0	23:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2502	parked	270	0	23:25	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.2503	parked	270	0	23:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2504	ring250	270	7	23:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2505	ring250	270	7	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2506	ring250	270	7	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2507	ring250	270	7	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2508	ring250	270	7	23:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2509	ring250	270	7	23:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.2510	ring250	270	7	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
comp.2511	ring250	270	360	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
comp.2512	ring250	270	360	23:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
comp.2513	ring250	270	360	23:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	



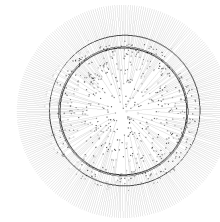
UT Date 04/12/2024 Observers RH

Focus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
sflat.2514	ring250	270	1	01:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	Counts are good
sflat.2515	ring250	270	1	01:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
sflat.2516	ring250	270	2	01:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
sflat.2517	ring250	270	2	01:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
sflat.2518	ring250	270	2	01:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
sflat.2519	ring250	270	3	01:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
NGC2672_0.55_deg_mr_max_ 21.5_3.2520	NGC2672_0.55_deg_mr_max_ 21.5	270	1500	02:40	+08:49:22.3	+19:04:23	-00:10	1.02	2024A-UAO- G204	Few thin clouds, seeing=1.4"
NGC2672_0.55_deg_mr_max_ 21.5_3.2521	NGC2672_0.55_deg_mr_max_ 21.5	270	1500	03:06	+08:49:22.3	+19:04:23	+00:15	1.02	2024A-UAO- G204	
NGC2672_0.55_deg_mr_max_ 21.5_3.2522	NGC2672_0.55_deg_mr_max_ 21.5	270	1500	03:32	+08:49:22.3	+19:04:23	+00:41	1.03	2024A-UAO- G204	
dg2_3.2523	dg2	270	600	04:16	+12:15:22.3	+27:34:14	-02:00	1.11	2024A-SAO- 14	Few thin clouds, seeing=1.1"
dg2_3.2524	dg2	270	600	04:27	+12:15:22.3	+27:34:14	-01:49	1.09	2024A-SAO- 14	
dg2_3.2525	dg2	270	600	04:38	+12:15:22.3	+27:34:14	-01:37	1.07	2024A-SAO- 14	
NGC3872_0.55_deg_mr_max_ 21.5_3.2526	NGC3872_0.55_deg_mr_max_ 21.5	270	1500	05:04	+11:45:49.0	+13:46:00	-00:42	1.06	2024A-UAO- G204	Few thin clouds, seeing=1.2"
NGC3872_0.55_deg_mr_max_ 21.5_3.2527	NGC3872_0.55_deg_mr_max_ 21.5	270	1500	05:30	+11:45:49.0	+13:46:00	-00:16	1.05	2024A-UAO- G204	
NGC3872_0.55_deg_mr_max_ 21.5_3.2528	NGC3872_0.55_deg_mr_max_ 21.5	270	1500	05:56	+11:45:49.0	+13:46:00	+00:09	1.05	2024A-UAO- G204	
A2244_24a_3.2529	A2244_24a	270	1200	06:38	+17:02:25.1	+34:04:25	-04:24	1.72	2024A-SAO- 9	thin clouds, seeing=1.2"
A2244_24a_3.2530	A2244_24a	270	1200	06:59	+17:02:25.1	+34:04:25	-04:03	1.56	2024A-SAO- 9	
A2244_24a_3.2531	A2244_24a	270	1200	07:20	+17:02:25.1	+34:04:25	-03:42	1.44	2024A-SAO- 9	
A2244_24a_4.2532	A2244_24a	270	1200	07:56	+17:02:39.6	+34:01:45	-03:06	1.28	2024A-SAO- 9	few thin clouds, seeing=1.2"
A2244_24a_4.2533	A2244_24a	270	1200	08:17	+17:02:39.6	+34:01:45	-02:45	1.21	2024A-SAO- 9	



MMT OBSERVATORY HECTOSPEC LOG



UT Date 04/12/2024 Observers RH

Focus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
A2244_24a_4.2534	A2244_24a	270	1200	08:38	+17:02:39.6	+34:01:45	-02:24	1.15	2024A-SAO-9	
A2245_24a_1.2535	A2245_24a	270	1200	09:14	+17:02:21.4	+33:26:26	-01:48	1.08	2024A-SAO-9	Clear, seeing=1"
A2245_24a_1.2536	A2245_24a	270	1200	09:35	+17:02:21.4	+33:26:26	-01:26	1.05	2024A-SAO-9	
A2245_24a_1.2537	A2245_24a	270	1200	09:56	+17:02:21.4	+33:26:26	-01:05	1.03	2024A-SAO-9	
A1831_24a_3.2538	A1831_24a	270	1380	10:32	+13:59:28.1	+28:02:49	+02:33	1.19	2024A-SAO-9	Clear, seeing=1.1"
A1831_24a_3.2539	A1831_24a	270	1380	10:56	+13:59:28.1	+28:02:49	+02:57	1.27	2024A-SAO-9	
A1831_24a_3.2540	A1831_24a	270	1380	11:21	+13:59:28.1	+28:02:49	+03:21	1.37	2024A-SAO-9	
dark.2541	parked	270	1200	12:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.2542	parked	270	1200	12:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.2543	parked	270	1200	13:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.2544	parked	270	1200	13:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	