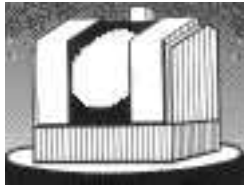


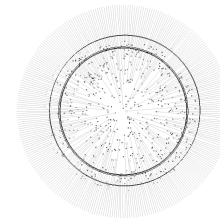
UT Date 10/27/2024 Observers RH

Focus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
bias.3064	parked	270	0	21:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3065	parked	270	0	21:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3066	parked	270	0	21:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3067	parked	270	0	21:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3068	parked	270	0	21:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3069	parked	270	0	21:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3070	parked	270	0	21:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3071	parked	270	0	22:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3072	parked	270	0	22:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3073	parked	270	0	22:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3074	ring250	270	7	22:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3075	ring250	270	7	22:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3076	ring250	270	7	22:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3077	ring250	270	7	22:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3078	ring250	270	7	22:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3079	ring250	270	7	22:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
domeflat.3080	ring250	270	7	22:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
comp.3081	ring250	270	360	22:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
comp.3082	ring250	270	360	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
comp.3083	ring250	270	360	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	



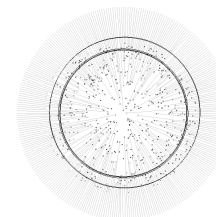
MMT OBSERVATORY HECTOSPEC LOG



UT Date 10/27/2024 Observers RH

Focus 1.07 Filter none

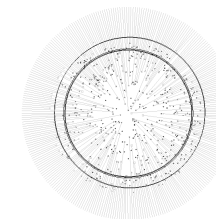
File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
sflat.3084	ring250	270	3	00:43	-01:00:00.0	-100:00:00.0	+00:02	1.00	calibratio n	Counts are good.
sflat.3085	ring250	270	3	00:44	-01:00:00.0	-100:00:00.0	+00:02	1.00	calibratio n	
sflat.3086	ring250	270	3	00:46	-01:00:00.0	-100:00:00.0	+00:02	1.00	calibratio n	
sflat.3087	ring250	270	4	00:47	-01:00:00.0	-100:00:00.0	+00:02	1.00	calibratio n	
sflat.3088	ring250	270	4	00:48	-01:00:00.0	-100:00:00.0	+00:02	1.00	calibratio n	
sflat.3089	ring250	270	5	00:51	-01:00:00.0	-100:00:00.0	+00:02	1.00	calibratio n	
A7_24b_2.3090	A7_24b	270	1200	01:36	+00:11:43.3	+32:29:03	-03:36	1.42	2024B-SA0- 6	Clear, seeing=.9"
A7_24b_2.3091	A7_24b	270	1200	01:57	+00:11:43.3	+32:29:03	-03:15	1.32	2024B-SA0- 6	
A7_24b_2.3092	A7_24b	270	1200	02:18	+00:11:43.3	+32:29:03	-02:54	1.24	2024B-SA0- 6	
A2457_24b_3.3093	A2457_24b	270	1200	02:58	+22:35:42.9	+01:25:28	-00:37	1.17	2024B-SA0- 6	Clear, seeing=.7"
A2457_24b_3.3094	A2457_24b	270	1200	03:19	+22:35:42.9	+01:25:28	-00:16	1.15	2024B-SA0- 6	
A2457_24b_3.3095	A2457_24b	270	1200	03:40	+22:35:42.9	+01:25:28	+00:04	1.15	2024B-SA0- 6	
A2457_24b_4.3096	A2457_24b	270	1200	04:20	+22:35:57.8	+01:30:34	+00:43	1.17	2024B-SA0- 6	Clear, seeing=1.1"
A2457_24b_4.3097	A2457_24b	270	1200	04:41	+22:35:57.8	+01:30:34	+01:05	1.20	2024B-SA0- 6	
A2457_24b_4.3098	A2457_24b	270	1200	05:02	+22:35:57.8	+01:30:34	+01:26	1.24	2024B-SA0- 6	
A2495_24b_1.3099	A2495_24b	270	1200	05:44	+22:50:01.9	+10:54:11	+01:53	1.19	2024B-SA0- 6	Clear, seeing=.9"
A2495_24b_1.3100	A2495_24b	270	1200	06:05	+22:50:01.9	+10:54:11	+02:14	1.25	2024B-SA0- 6	
A2495_24b_1.3101	A2495_24b	270	1200	06:26	+22:50:01.9	+10:54:11	+02:35	1.33	2024B-SA0- 6	
A21_24b_1.3102	A21_24b	270	1200	07:04	+00:20:07.9	+28:36:07	+01:44	1.08	2024B-SA0- 6	Clear, seeing=1"
A21_24b_1.3103	A21_24b	270	1200	07:25	+00:20:07.9	+28:36:07	+02:05	1.12	2024B-SA0- 6	

UT Date 10/27/2024 Observers RHFocus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
A21_24b_1.3104	A21_24b	270	1200	07:46	+00:20:07.9	+28:36:07	+02:26	1.17	2024B-SA0-6	
A329_24b_1.3105	A329_24b	270	1200	08:27	+02:14:35.8	-04:34:23	+01:12	1.30	2024B-SA0-6	Clear, seeing=1.1"
A329_24b_1.3106	A329_24b	270	1200	08:48	+02:14:35.8	-04:34:23	+01:33	1.35	2024B-SA0-6	
A329_24b_1.3107	A329_24b	270	1200	09:09	+02:14:35.8	-04:34:23	+01:55	1.42	2024B-SA0-6	Clouds to the west
A329_24b_1.3108	A329_24b	270	1200	09:30	+02:14:35.8	-04:34:23	+02:16	1.51	2024B-SA0-6	
A311_24b_2.3109	A311_24b	270	1200	10:11	+02:09:02.4	+19:40:32	+03:02	1.35	2024B-SA0-6	Thin clouds, seeing=1.2"
A311_24b_2.3110	A311_24b	270	1200	10:32	+02:09:02.4	+19:40:32	+03:23	1.46	2024B-SA0-6	
A311_24b_2.3111	A311_24b	270	1200	10:53	+02:09:02.4	+19:40:32	+03:44	1.60	2024B-SA0-6	
pg0934_1.3112	pg0934	270	60	11:35	+09:38:31.3	+55:05:38	-03:03	1.29	2024B-Standard	Thin clouds, seeing=1.7"
pg0934_1.3113	pg0934	270	60	11:37	+09:38:31.3	+55:05:38	-03:01	1.29	2024B-Standard	
pg0934_1.3114	pg0934	270	60	11:39	+09:38:31.3	+55:05:38	-02:59	1.28	2024B-Standard	
pg0934_1.3115	pg0934	270	60	11:41	+09:38:31.3	+55:05:38	-02:57	1.28	2024B-Standard	
pg0934_1.3116	pg0934	270	60	11:43	+09:38:31.3	+55:05:38	-02:55	1.27	2024B-Standard	
pg0934_1.3117	pg0934	270	60	11:45	+09:38:31.3	+55:05:38	-02:53	1.27	2024B-Standard	
pg0934_1.3118	pg0934	270	60	11:47	+09:38:31.3	+55:05:38	-02:51	1.26	2024B-Standard	
pg0934_1.3119	pg0934	270	60	11:49	+09:38:31.3	+55:05:38	-02:49	1.26	2024B-Standard	
pg0934_1.3120	pg0934	270	60	11:51	+09:38:31.3	+55:05:38	-02:46	1.25	2024B-Standard	
pg0934_1.3121	pg0934	270	60	11:53	+09:38:31.3	+55:05:38	-02:44	1.25	2024B-Standard	
f34_1.3122	f34	270	60	12:09	+10:39:40.1	+43:08:32	-03:30	1.35	2024B-Standard	Thin clouds, seeing=1.3"
f34_1.3123	f34	270	60	12:11	+10:39:40.1	+43:08:32	-03:28	1.35	2024B-Standard	



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UT Date 10/27/2024 Observers RH

Focus 1.07 Filter none

<i>File</i>	<i>Title</i>	<i>Grat</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Comments</i>
f34_1.3124	f34	270	60	12:13	+10:39:40.1	+43:08:32	-03:26	1.34	2024B-Standard	
f34_1.3125	f34	270	60	12:15	+10:39:40.1	+43:08:32	-03:24	1.33	2024B-Standard	
f34_1.3126	f34	270	60	12:17	+10:39:40.1	+43:08:32	-03:22	1.32	2024B-Standard	
f34_1.3127	f34	270	60	12:19	+10:39:40.1	+43:08:32	-03:20	1.31	2024B-Standard	
f34_1.3128	f34	270	60	12:21	+10:39:40.1	+43:08:32	-03:17	1.31	2024B-Standard	
f34_1.3129	f34	270	60	12:23	+10:39:40.1	+43:08:32	-03:15	1.30	2024B-Standard	
f34_1.3130	f34	270	60	12:25	+10:39:40.1	+43:08:32	-03:13	1.29	2024B-Standard	
f34_1.3131	f34	270	60	12:27	+10:39:40.1	+43:08:32	-03:11	1.29	2024B-Standard	
dark.3132	parked	270	1200	13:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	
dark.3133	parked	270	1200	13:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	
dark.3134	parked	270	1200	13:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	