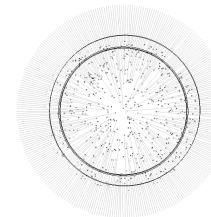




MMT OBSERVATORY HECTOSPEC LOG



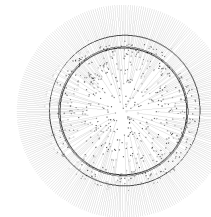
Page 1

UT Date 09/29/2025 Observers SSFocus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
bias.3342	ring250	270	0	23:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3343	ring250	270	0	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3344	ring250	270	0	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3345	ring250	270	0	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3346	ring250	270	0	23:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3347	ring250	270	0	23:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3348	ring250	270	0	23:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3349	ring250	270	0	23:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3350	ring250	270	0	23:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3351	ring250	270	0	23:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
bias.3352	ring250	270	0	23:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
sflat.3353	ring250	270	3	01:04	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	counts too high,
sflat.3354	ring250	270	5	01:08	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	counts too high:20-50k
sflat.3355	ring250	270	3	01:10	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	counts still too high:20-40k
sflat.3356	ring250	270	3	01:12	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	clear,20-30k counts
sflat.3357	ring250	270	3	01:14	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	clear,good counts
sflat.3358	ring250	270	3	01:15	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	clear,good counts
sflat.3359	ring250	270	3	01:16	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	clear,good counts
sflat.3360	ring250	270	3	01:17	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	clear,15k counts
sflat.3361	ring250	270	5	01:19	-01:00:00.0	-100:00:00	+00:01	1.00	calibratio n	clear,good counts



MMT OBSERVATORY HECTOSPEC LOG



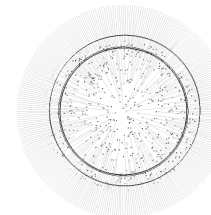
Page 2

UT Date 09/29/2025 Observers SSFocus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
comp.3362	ring250	270	360	01:27	-01:00:00.0	-100:00:00.0	+00:01	1.00	calibratio n	
comp.3363	ring250	270	360	01:35	-01:00:00.0	-100:00:00.0	+00:01	1.00	calibratio n	
comp.3364	ring250	270	360	01:42	-01:00:00.0	-100:00:00.0	+00:01	1.00	calibratio n	
domeflat.3365	ring250	270	5	01:49	-01:00:00.0	-100:00:00.0	+00:01	1.00	calibratio n	
domeflat.3366	ring250	270	5	01:50	-01:00:00.0	-100:00:00.0	+00:01	1.00	calibratio n	
domeflat.3367	ring250	270	5	01:51	-01:00:00.0	-100:00:00.0	+00:01	1.00	calibratio n	
bd284211_1.3368	bd284211	270	600	02:21	+21:50:56.8	+28:53:22	-02:22	1.16	2025B-Stan dard	clear,wfs= 0.52"
bd284211_1.3369	bd284211	270	600	02:32	+21:50:56.8	+28:53:22	-02:11	1.13	2025B-Stan dard	
NGC7391_mr_max_21.5_with GaiaPhot_1.3370	NGC7391_mr_max_21.5_with GaiaPhot	270	1200	03:05	+22:50:36.1	-01:32:41	-02:37	1.55	2025B-UA0- G305	clear,wfs= 0.65"
NGC7391_mr_max_21.5_with GaiaPhot_1.3371	NGC7391_mr_max_21.5_with GaiaPhot	270	1200	03:26	+22:50:36.1	-01:32:41	-02:16	1.44	2025B-UA0- G305	
NGC7391_mr_max_21.5_with GaiaPhot_1.3372	NGC7391_mr_max_21.5_with GaiaPhot	270	1200	03:47	+22:50:36.1	-01:32:41	-01:55	1.36	2025B-UA0- G305	
m31_2025_1.3373	m31_2025	270	1200	04:25	+00:45:45.8	+42:08:55	-03:12	1.29	2025B-SA0- 10	clear,wfs= 0.89"
m31_2025_1.3374	m31_2025	270	1200	04:46	+00:45:45.8	+42:08:55	-02:51	1.22	2025B-SA0- 10	
m31_2025_1.3375	m31_2025	270	1200	05:07	+00:45:45.8	+42:08:55	-02:30	1.17	2025B-SA0- 10	
m31_2025_1.3376	m31_2025	270	1200	05:28	+00:45:45.8	+42:08:55	-02:09	1.13	2025B-SA0- 10	
NGC0524_mr_max_21.5_with GaiaPhot_1.3377	NGC0524_mr_max_21.5_with GaiaPhot	270	1200	06:07	+01:24:48.3	+09:32:25	-02:09	1.25	2025B-UA0- G305	clear,wfs= 1.03"
NGC0524_mr_max_21.5_with GaiaPhot_1.3378	NGC0524_mr_max_21.5_with GaiaPhot	270	1200	06:28	+01:24:48.3	+09:32:25	-01:48	1.19	2025B-UA0- G305	
NGC0524_mr_max_21.5_with GaiaPhot_1.3379	NGC0524_mr_max_21.5_with GaiaPhot	270	1200	06:49	+01:24:48.3	+09:32:25	-01:27	1.15	2025B-UA0- G305	
NGC0524_mr_max_21.5_with GaiaPhot_2.3380	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	07:27	+01:24:48.3	+09:32:25	-00:48	1.10	2025B-UA0- G305	clear,wfs=0.7"
NGC0524_mr_max_21.5_with GaiaPhot_2.3381	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	07:53	+01:24:48.3	+09:32:25	-00:22	1.08	2025B-UA0- G305	



MMT OBSERVATORY HECTOSPEC LOG



Page 3

UT Date 09/29/2025 Observers SSFocus 1.07 Filter none

File	Title	Grat	Exp	UT	RA	Dec	HA	Air	Prop	Comments
NGC0524_mr_max_21.5_with GaiaPhot_2.3382	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	08:19	+01:24:48.3	+09:32:25	+00:03	1.07	2025B-UA0- G305	
NGC1199_mr_max_21.5_with GaiaPhot_1.3383	NGC1199_mr_max_21.5_with GaiaPhot	270	1200	09:02	+03:03:38.0	-15:36:36	-00:52	1.52	2025B-UA0- G305	clear,wfs=0.93"
NGC1199_mr_max_21.5_with GaiaPhot_1.3384	NGC1199_mr_max_21.5_with GaiaPhot	270	1200	09:23	+03:03:38.0	-15:36:36	-00:31	1.48	2025B-UA0- G305	
NGC1199_mr_max_21.5_with GaiaPhot_1.3385	NGC1199_mr_max_21.5_with GaiaPhot	270	1200	09:44	+03:03:38.0	-15:36:36	-00:10	1.47	2025B-UA0- G305	
NGC0524_mr_max_21.5_with GaiaPhot_3.3386	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	10:22	+01:24:48.3	+09:32:25	+02:06	1.24	2025B-UA0- G305	clear,wfs=0.79"
NGC0524_mr_max_21.5_with GaiaPhot_3.3387	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	10:48	+01:24:48.3	+09:32:25	+02:32	1.33	2025B-UA0- G305	
NGC0524_mr_max_21.5_with GaiaPhot_3.3388	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	11:14	+01:24:48.3	+09:32:25	+02:58	1.45	2025B-UA0- G305	
NGC0524_mr_max_21.5_with GaiaPhot_3.3389	NGC0524_mr_max_21.5_with GaiaPhot	270	1500	11:40	+01:24:48.3	+09:32:25	+03:24	1.62	2025B-UA0- G305	
dark.3390	parked	270	900	12:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.3391	parked	270	900	13:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.3392	parked	270	900	13:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.3393	parked	270	900	13:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	
dark.3394	parked	270	900	13:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	