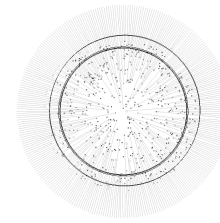
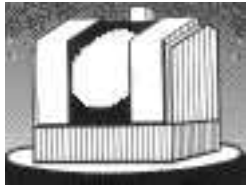


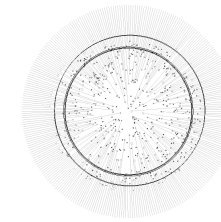
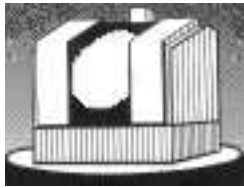
UT Date 04/25/2024 Observers SS

<i>File</i>	<i>Title</i>	<i>Filt</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Bin</i>	<i>Comments</i>
bias.3615	parked	RV31	0	01:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3616	parked	RV31	0	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3617	parked	RV31	0	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3618	parked	RV31	0	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3619	parked	RV31	0	01:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3620	parked	RV31	0	01:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3621	parked	RV31	0	01:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3622	parked	RV31	0	01:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3623	parked	RV31	0	01:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3624	parked	RV31	0	01:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3625	ring250	RV31	8	01:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3626	ring250	RV31	8	01:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3627	ring250	RV31	8	01:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3628	ring250	RV31	8	01:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3629	ring250	RV31	8	01:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3630	ring250	RV31	8	01:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3631	ring250	RV31	8	01:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3632	ring250	RV31	150	01:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3633	ring250	RV31	150	01:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3634	ring250	RV31	150	01:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	



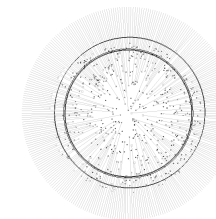
UT Date 04/25/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.3635	ring250	RV31	10	01:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	Counts too high
sflat.3636	ring250	RV31	7	01:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	Still high
sflat.3637	ring250	RV31	6	01:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	Cloudy; Counts good
sflat.3638	ring250	RV31	6	01:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
sflat.3639	ring250	RV31	8	01:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
sflat.3640	ring250	RV31	11	01:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
tc000142_gf1.1.3641	tc000142_gf1	RV31	600	03:02	+09:18:47.6	-08:21:30	+00:33	1.32	2024A-SAO- 16	2x3	Clear; seeing=1.9"
tc000142_gf1.1.3642	tc000142_gf1	RV31	600	03:12	+09:18:47.6	-08:21:30	+00:43	1.33	2024A-SAO- 16	2x3	
tc000142_gf1.1.3643	tc000142_gf1	RV31	600	03:22	+09:18:47.6	-08:21:30	+00:53	1.34	2024A-SAO- 16	2x3	
tc000142_gf1.1.3644	tc000142_gf1	RV31	600	03:33	+09:18:47.6	-08:21:30	+01:04	1.36	2024A-SAO- 16	2x3	
domeflat.3645	tc000142_gf1	RV31	8	03:43	+09:18:46.9	-08:21:33	+01:14	1.38	2024A-SAO- 16	2x3	
comp.3646	tc000142_gf1	RV31	150	03:44	+09:18:46.9	-08:21:33	+01:15	1.39	2024A-SAO- 16	2x3	
ta015486_gf1.1.3647	ta015486_gf1	RV31	600	04:02	+12:49:48.1	+57:59:29	-01:56	1.19	2024A-SAO- 16	2x3	Clear; WFS=1.7"
ta015486_gf1.1.3648	ta015486_gf1	RV31	600	04:13	+12:49:48.1	+57:59:29	-01:46	1.17	2024A-SAO- 16	2x3	
ta015486_gf1.1.3649	ta015486_gf1	RV31	600	04:23	+12:49:48.1	+57:59:29	-01:36	1.16	2024A-SAO- 16	2x3	
domeflat.3650	ta015486_gf1	RV31	8	04:34	+12:49:49.4	+57:59:29	-01:25	1.15	2024A-SAO- 16	2x3	
comp.3651	ta015486_gf1	RV31	150	04:35	+12:49:49.4	+57:59:29	-01:24	1.15	2024A-SAO- 16	2x3	
ta014259_gf1.1.3652	ta014259_gf1	RV31	600	04:53	+13:14:36.3	+46:00:30	-01:31	1.08	2024A-SAO- 16	2x3	Clear; WFS=1.2"
ta014259_gf1.1.3653	ta014259_gf1	RV31	600	05:03	+13:14:36.3	+46:00:30	-01:21	1.07	2024A-SAO- 16	2x3	
ta014259_gf1.1.3654	ta014259_gf1	RV31	600	05:13	+13:14:36.3	+46:00:30	-01:10	1.06	2024A-SAO- 16	2x3	



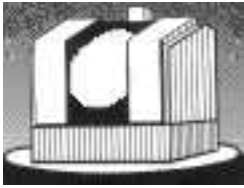
UT Date 04/25/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.3655	ta014259_gf1	RV31	8	05:24	+13:14:36.3	+46:00:40	-00:59	1.05	2024A-SAO-16	2x3	
comp.3656	ta014259_gf1	RV31	150	05:25	+13:14:36.3	+46:00:40	-00:59	1.05	2024A-SAO-16	2x3	
ta015207_gf1_1.3657	ta015207_gf1	RV31	600	05:42	+13:15:02.0	+54:59:29	-00:42	1.09	2024A-SAO-16	2x3	Clear; WFS=1.8"
ta015207_gf1_1.3658	ta015207_gf1	RV31	600	05:52	+13:15:02.0	+54:59:29	-00:31	1.09	2024A-SAO-16	2x3	Bad; accidentally turned on light in 2W and used flashlight in fill room; SORRY
dark.3660	ta015207_gf1	RV31	300	06:13	+13:15:02.0	+54:59:29	-00:11	1.08	2024A-SAO-16	2x3	Bleeding off light
ta015207_gf1_1.3661	ta015207_gf1	RV31	600	06:19	+13:15:02.0	+54:59:29	-00:05	1.08	2024A-SAO-16	2x3	May not have bled off enough light; count elevated throughout
ta015207_gf1_1.3662	ta015207_gf1	RV31	600	06:29	+13:15:02.0	+54:59:29	+00:04	1.08	2024A-SAO-16	2x3	Better! No longer looks contaminated
ta015207_gf1_1.3663	ta015207_gf1	RV31	600	06:40	+13:15:02.0	+54:59:29	+00:15	1.08	2024A-SAO-16	2x3	
domeflat.3664	ta015207_gf1	RV31	8	06:51	+13:15:01.6	+54:59:39	+00:26	1.09	2024A-SAO-16	2x3	
comp.3665	ta015207_gf1	RV31	150	06:52	+13:15:01.6	+54:59:39	+00:27	1.09	2024A-SAO-16	2x3	
ta014908_gf1_1.3666	ta014908_gf1	RV31	600	07:09	+13:19:02.5	+51:59:42	+00:41	1.07	2024A-SAO-16	2x3	Clear; WFS=1.6"
ta014908_gf1_1.3667	ta014908_gf1	RV31	600	07:20	+13:19:02.5	+51:59:42	+00:51	1.08	2024A-SAO-16	2x3	
ta014908_gf1_1.3668	ta014908_gf1	RV31	600	07:30	+13:19:02.5	+51:59:42	+01:01	1.08	2024A-SAO-16	2x3	
domeflat.3669	ta014908_gf1	RV31	8	07:41	+13:19:01.9	+51:59:50	+01:12	1.09	2024A-SAO-16	2x3	
comp.3670	ta014908_gf1	RV31	150	07:41	+13:19:01.9	+51:59:50	+01:13	1.09	2024A-SAO-16	2x3	
ta015213_gf1_1.3671	ta015213_gf1	RV31	600	07:58	+13:56:49.1	+54:59:35	+00:53	1.10	2024A-SAO-16	2x3	Clear; WFS=1.8"
ta015213_gf1_1.3672	ta015213_gf1	RV31	600	08:09	+13:56:49.1	+54:59:35	+01:03	1.11	2024A-SAO-16	2x3	
ta015213_gf1_1.3673	ta015213_gf1	RV31	600	08:19	+13:56:49.1	+54:59:35	+01:13	1.11	2024A-SAO-16	2x3	
domeflat.3674	ta015213_gf1	RV31	8	08:30	+13:56:48.2	+54:59:41	+01:24	1.12	2024A-SAO-16	2x3	
comp.3675	ta015213_gf1	RV31	150	08:31	+13:56:48.2	+54:59:41	+01:25	1.12	2024A-SAO-16	2x3	

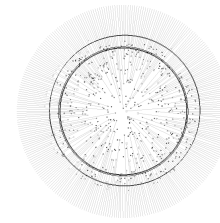


UT Date 04/25/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ta013523_gf1_1.3676	ta013523_gf1	RV31	600	08:48	+14:37:13.5	+40:00:42	+01:01	1.03	2024A-SAO-16	2x3	Clear; WFS=1.6"
ta013523_gf1_1.3677	ta013523_gf1	RV31	600	08:58	+14:37:13.5	+40:00:42	+01:12	1.04	2024A-SAO-16	2x3	
ta013523_gf1_1.3678	ta013523_gf1	RV31	600	09:08	+14:37:13.5	+40:00:42	+01:22	1.05	2024A-SAO-16	2x3	
ta013523_gf1_1.3679	ta013523_gf1	RV31	600	09:19	+14:37:13.5	+40:00:42	+01:33	1.06	2024A-SAO-16	2x3	
domeflat.3680	ta013523_gf1	RV31	8	09:30	+14:37:12.7	+40:00:36	+01:43	1.08	2024A-SAO-16	2x3	
comp.3681	ta013523_gf1	RV31	150	09:30	+14:37:12.7	+40:00:36	+01:44	1.08	2024A-SAO-16	2x3	
ta014923_gf1_1.3682	ta014923_gf1	RV31	600	09:47	+14:56:40.3	+52:00:12	+01:41	1.12	2024A-SAO-16	2x3	Clear; WFS=1.6"
ta014923_gf1_1.3683	ta014923_gf1	RV31	600	09:57	+14:56:40.3	+52:00:12	+01:52	1.14	2024A-SAO-16	2x3	
ta014923_gf1_1.3684	ta014923_gf1	RV31	600	10:08	+14:56:40.3	+52:00:12	+02:02	1.15	2024A-SAO-16	2x3	
domeflat.3685	ta014923_gf1	RV31	8	10:18	+14:56:39.5	+52:00:19	+02:13	1.17	2024A-SAO-16	2x3	
comp.3686	ta014923_gf1	RV31	150	10:19	+14:56:39.5	+52:00:19	+02:14	1.17	2024A-SAO-16	2x3	
ta011935_gf1_1.3687	ta011935_gf1	RV31	600	10:34	+15:23:50.9	+30:59:42	+02:01	1.11	2024A-SAO-16	2x3	Clear; WFS=1.3"
ta011935_gf1_1.3688	ta011935_gf1	RV31	600	10:44	+15:23:50.9	+30:59:42	+02:12	1.13	2024A-SAO-16	2x3	
ta011935_gf1_1.3689	ta011935_gf1	RV31	600	10:55	+15:23:50.9	+30:59:42	+02:22	1.15	2024A-SAO-16	2x3	
ta011935_gf1_1.3690	ta011935_gf1	RV31	600	11:05	+15:23:50.9	+30:59:42	+02:33	1.18	2024A-SAO-16	2x3	
domeflat.3691	ta011935_gf1	RV31	8	11:16	+15:23:50.1	+30:59:40	+02:43	1.21	2024A-SAO-16	2x3	
comp.3692	ta011935_gf1	RV31	150	11:17	+15:23:50.1	+30:59:40	+02:44	1.22	2024A-SAO-16	2x3	
dark.3693	parked	RV31	900	11:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3694	parked	RV31	900	11:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3695	parked	RV31	900	12:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	



MMT OBSERVATORY HECTOHELLE LOG



UT Date 04/25/2024 Observers SS

<i>File</i>	<i>Title</i>	<i>Filt</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Bin</i>	<i>Comments</i>
dark.3696	parked	RV31	900	12:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3697	parked	RV31	900	12:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3698	parked	RV31	900	12:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	