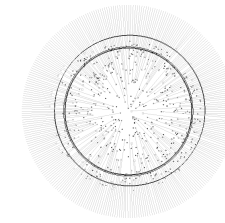
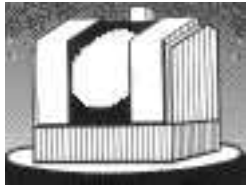
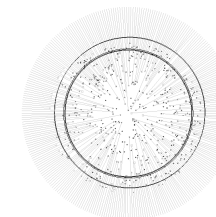
UT Date 04/20/2024 Observers KS

<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.3189	parked	RV31	0	22:55	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	1x1
bias.3190	parked	RV31	0	22:56	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3191	parked	RV31	0	22:57	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3192	parked	RV31	0	22:58	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3193	parked	RV31	0	22:59	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3194	parked	RV31	0	23:00	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3195	parked	RV31	0	23:01	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3196	parked	RV31	0	23:02	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3197	parked	RV31	0	23:03	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3198	parked	RV31	0	23:04	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
bias.3199	ring250	RV31	0	23:08	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	2x3
bias.3200	ring250	RV31	0	23:08	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3201	ring250	RV31	0	23:08	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3202	ring250	RV31	0	23:09	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3203	ring250	RV31	0	23:09	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3204	ring250	RV31	0	23:09	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3205	ring250	RV31	0	23:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3206	ring250	RV31	0	23:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3207	ring250	RV31	0	23:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
bias.3208	ring250	RV31	0	23:11	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	

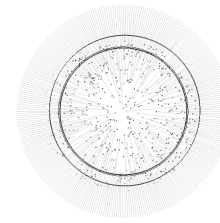
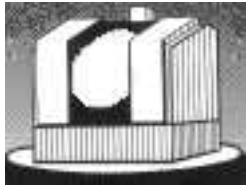
UT Date 04/20/2024 Observers KS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.3209	ring250	RV31	50	23:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	RV31 1x1
domeflat.3210	ring250	RV31	50	23:16	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
domeflat.3211	ring250	RV31	50	23:18	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
domeflat.3212	ring250	RV31	50	23:20	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
domeflat.3213	ring250	RV31	50	23:22	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
domeflat.3214	ring250	RV31	50	23:24	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
domeflat.3215	ring250	RV31	50	23:26	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
comp.3216	ring250	RV31	300	23:28	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
comp.3217	ring250	RV31	300	23:34	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
comp.3218	ring250	RV31	300	23:40	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
domeflat.3219	ring250	RV31	8	23:48	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	RV31 2x3
domeflat.3220	ring250	RV31	8	23:49	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.3221	ring250	RV31	8	23:50	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.3222	ring250	RV31	8	23:50	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.3223	ring250	RV31	8	23:51	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.3224	ring250	RV31	8	23:51	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.3225	ring250	RV31	8	23:52	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
comp.3226	ring250	RV31	150	23:53	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
comp.3227	ring250	RV31	150	23:55	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
comp.3228	ring250	RV31	150	23:58	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	

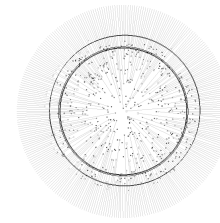
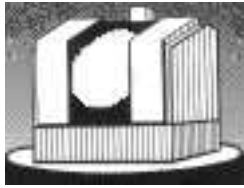


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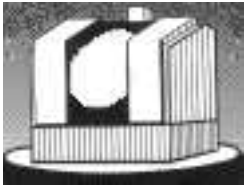
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.3229	ring250	RV31	5	01:43	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	Counts low; RV31 2x3
sflat.3230	ring250	RV31	10	01:43	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	Counts good
sflat.3231	ring250	RV31	10	01:44	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
sflat.3232	ring250	RV31	15	01:45	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
sflat.3233	ring250	RV31	35	01:46	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	RV31 1x1; counts a bit low
sflat.3234	ring250	RV31	50	01:48	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	Still a bit low
sflat.3235	ring250	RV31	80	01:50	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	Counts better
sflat.3236	ring250	RV31	120	01:52	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	1x1	
tc000136_gf1_1.3237	tc000136_gf1	RV31	600	03:49	+08:08:34.2	+13:30:50	+02:10	1.22	2024A-SAO- 16	2x3	Clear; WFS=1.6"
tc000136_gf1_1.3238	tc000136_gf1	RV31	600	03:59	+08:08:34.2	+13:30:50	+02:21	1.25	2024A-SAO- 16	2x3	
tc000136_gf1_1.3239	tc000136_gf1	RV31	600	04:09	+08:08:34.2	+13:30:50	+02:31	1.28	2024A-SAO- 16	2x3	
tc000136_gf1_1.3240	tc000136_gf1	RV31	600	04:20	+08:08:34.2	+13:30:50	+02:41	1.33	2024A-SAO- 16	2x3	
domeflat.3241	tc000136_gf1	RV31	8	04:30	+08:08:34.0	+13:30:46	+02:52	1.37	2024A-SAO- 16	2x3	
comp.3242	tc000136_gf1	RV31	150	04:31	+08:08:34.0	+13:30:46	+02:53	1.38	2024A-SAO- 16	2x3	
ta014586_gf1_1.3243	ta014586_gf1	RV31	600	04:57	+12:48:15.8	+48:59:00	-01:20	1.08	2024A-SAO- 16	2x3	Clear; WFS=1.4"
ta014586_gf1_1.3244	ta014586_gf1	RV31	600	05:07	+12:48:15.8	+48:59:00	-01:10	1.07	2024A-SAO- 16	2x3	
ta014586_gf1_1.3245	ta014586_gf1	RV31	600	05:18	+12:48:15.8	+48:59:00	-00:59	1.06	2024A-SAO- 16	2x3	
domeflat.3246	ta014586_gf1	RV31	8	05:29	+12:48:16.1	+48:59:04	-00:48	1.06	2024A-SAO- 16	2x3	
comp.3247	ta014586_gf1	RV31	150	05:29	+12:48:16.1	+48:59:04	-00:47	1.06	2024A-SAO- 16	2x3	
ta013915_gf1_1.3248	ta013915_gf1	RV31	600	05:47	+13:24:03.1	+43:00:24	-01:05	1.04	2024A-SAO- 16	2x3	Clear; WFS=1.2"

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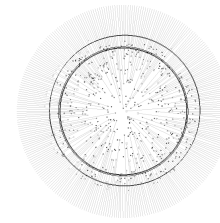
<i>File</i>	<i>Title</i>	<i>Filt</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Bin</i>	<i>Comments</i>
ta013915_gf1_1.3249	ta013915_gf1	RV31	600	05:58	+13:24:03.1	+43:00:24	-00:55	1.03	2024A-SAO-16	2x3	
ta013915_gf1_1.3250	ta013915_gf1	RV31	600	06:08	+13:24:03.1	+43:00:24	-00:44	1.03	2024A-SAO-16	2x3	
domeflat.3251	ta013915_gf1	RV31	8	06:19	+13:24:03.3	+43:00:28	-00:34	1.02	2024A-SAO-16	2x3	
comp.3252	ta013915_gf1	RV31	150	06:19	+13:24:03.3	+43:00:28	-00:33	1.02	2024A-SAO-16	2x3	
ta013511_gf1_1.3253	ta013511_gf1	RV31	600	06:38	+13:34:33.3	+40:00:54	-00:25	1.01	2024A-SAO-16	2x3	Clear; WFS=1.1"
ta013511_gf1_1.3254	ta013511_gf1	RV31	600	06:48	+13:34:33.3	+40:00:54	-00:15	1.01	2024A-SAO-16	2x3	
ta013511_gf1_1.3255	ta013511_gf1	RV31	600	06:58	+13:34:33.3	+40:00:54	-00:04	1.01	2024A-SAO-16	2x3	
domeflat.3256	ta013511_gf1	RV31	8	07:09	+13:34:33.6	+40:00:57	+00:05	1.01	2024A-SAO-16	2x3	
comp.3257	ta013511_gf1	RV31	150	07:10	+13:34:33.6	+40:00:57	+00:06	1.01	2024A-SAO-16	2x3	
ta014914_gf1_1.3258	ta014914_gf1	RV31	600	07:32	+13:58:15.8	+52:01:36	+00:05	1.06	2024A-SAO-16	2x3	Clear; WFS=1.0"
ta014914_gf1_1.3259	ta014914_gf1	RV31	600	07:42	+13:58:15.8	+52:01:36	+00:15	1.06	2024A-SAO-16	2x3	
ta014914_gf1_1.3260	ta014914_gf1	RV31	600	07:52	+13:58:15.8	+52:01:36	+00:25	1.06	2024A-SAO-16	2x3	
domeflat.3261	ta014914_gf1	RV31	8	08:03	+13:58:15.7	+52:01:40	+00:36	1.07	2024A-SAO-16	2x3	
comp.3262	ta014914_gf1	RV31	150	08:04	+13:58:15.7	+52:01:40	+00:37	1.07	2024A-SAO-16	2x3	
ta014592_gf1_1.3263	ta014592_gf1	RV31	600	08:22	+13:24:54.4	+48:59:54	+01:28	1.09	2024A-SAO-16	2x3	Clear; WFS=1.4"
ta014592_gf1_1.3264	ta014592_gf1	RV31	600	08:32	+13:24:54.4	+48:59:54	+01:38	1.10	2024A-SAO-16	2x3	
ta014592_gf1_1.3265	ta014592_gf1	RV31	600	08:43	+13:24:54.4	+48:59:54	+01:49	1.12	2024A-SAO-16	2x3	
domeflat.3266	ta014592_gf1	RV31	8	08:53	+13:24:53.9	+48:59:52	+01:59	1.13	2024A-SAO-16	2x3	
comp.3267	ta014592_gf1	RV31	150	08:54	+13:24:53.9	+48:59:52	+02:00	1.13	2024A-SAO-16	2x3	
ta014926_gf1_1.3268	ta014926_gf1	RV31	600	09:12	+15:16:11.7	+51:59:35	+00:28	1.07	2024A-SAO-16	2x3	Clear; WFS=1.1"

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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ta014926_gf1_1.3269	ta014926_gf1	RV31	600	09:23	+15:16:11.7	+51:59:35	+00:38	1.07	2024A-SAO-16	2x3	
ta014926_gf1_1.3270	ta014926_gf1	RV31	600	09:33	+15:16:11.7	+51:59:35	+00:48	1.07	2024A-SAO-16	2x3	
domeflat.3271	ta014926_gf1	RV31	8	09:44	+15:16:11.2	+51:59:36	+00:59	1.08	2024A-SAO-16	2x3	
comp.3272	ta014926_gf1	RV31	150	09:45	+15:16:11.2	+51:59:36	+01:00	1.08	2024A-SAO-16	2x3	
ta015222_gf1_1.3273	ta015222_gf1	RV31	600	10:04	+14:59:40.6	+54:59:29	+01:36	1.14	2024A-SAO-16	2x3	Clear; WFS=1.4"
ta015222_gf1_1.3274	ta015222_gf1	RV31	600	10:14	+14:59:40.6	+54:59:29	+01:46	1.15	2024A-SAO-16	2x3	
ta015222_gf1_1.3275	ta015222_gf1	RV31	600	10:25	+14:59:40.6	+54:59:29	+01:57	1.16	2024A-SAO-16	2x3	
domeflat.3276	ta015222_gf1	RV31	8	10:35	+14:59:40.2	+54:59:34	+02:07	1.18	2024A-SAO-16	2x3	
comp.3277	ta015222_gf1	RV31	150	10:36	+14:59:40.2	+54:59:34	+02:08	1.18	2024A-SAO-16	2x3	
ta003699_gf1_1.3278	ta003699_gf1	RV31	600	10:55	+15:27:28.9	-05:00:18	+01:59	1.45	2024A-SAO-16	2x3	Clear; WFS=1.3"
ta003699_gf1_1.3279	ta003699_gf1	RV31	600	11:06	+15:27:28.9	-05:00:18	+02:10	1.49	2024A-SAO-16	2x3	
ta003699_gf1_1.3280	ta003699_gf1	RV31	600	11:16	+15:27:28.9	-05:00:18	+02:20	1.54	2024A-SAO-16	2x3	
domeflat.3281	ta003699_gf1	RV31	8	11:27	+15:27:28.6	-05:00:17	+02:31	1.60	2024A-SAO-16	2x3	
comp.3282	ta003699_gf1	RV31	150	11:28	+15:27:28.6	-05:00:17	+02:31	1.60	2024A-SAO-16	2x3	
bias.3283	parked	RV31	0	12:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3284	parked	RV31	900	12:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3285	parked	RV31	900	12:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3286	parked	RV31	900	13:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3287	parked	RV31	900	13:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3288	parked	RV31	900	13:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	



MMT OBSERVATORY HECTOHELLE LOG



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<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.3289	parked	RV31	900	13:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3290	parked	RV31	900	14:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3291	parked	RV31	900	14:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3292	parked	RV31	900	14:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	