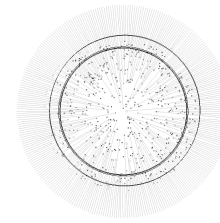
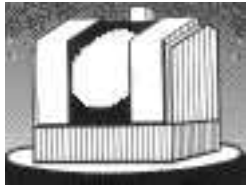
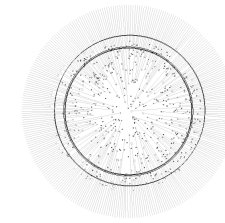
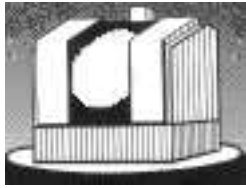
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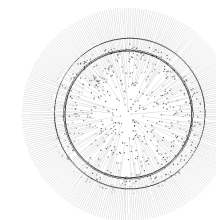
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.4125	parked	Na28	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4126	parked	Na28	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4127	parked	Na28	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4128	parked	Na28	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4129	parked	Na28	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4130	parked	Na28	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4131	parked	Na28	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4132	parked	Na28	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4133	parked	Na28	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4134	parked	Na28	0	23:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4135	parked	Na28	0	23:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4136	ring250	Na28	250	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4137	ring250	Na28	250	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4138	ring250	Na28	250	23:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4139	ring250	Na28	20	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4140	ring250	Na28	20	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4141	ring250	Na28	20	23:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4142	ring250	RV31	10	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.4143	ring250	RV31	10	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.4144	ring250	RV31	10	23:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	

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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>
comp.4145	ring250	RV31	180	23:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.4146	ring250	RV31	180	23:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.4147	ring250	RV31	180	23:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4148	ring250	RV31	0	23:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4149	ring250	RV31	0	23:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4150	ring250	RV31	0	23:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4151	ring250	RV31	0	23:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4152	ring250	RV31	0	23:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4153	ring250	RV31	0	23:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4154	ring250	RV31	0	23:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4155	ring250	RV31	0	23:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4156	ring250	RV31	0	23:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4157	ring250	RV31	0	23:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4158	ring250	RV31	0	23:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.4159	ring250	OB25	0	23:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4160	ring250	OB25	0	00:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4161	ring250	OB25	0	00:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4162	ring250	OB25	0	00:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4163	ring250	OB25	0	00:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4164	ring250	OB25	0	00:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	

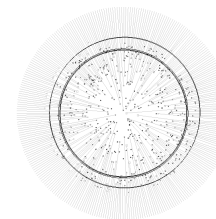
UT Date 09/25/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.4165	ring250	OB25	0	00:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4166	ring250	OB25	0	00:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4167	ring250	OB25	0	00:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4168	ring250	OB25	0	00:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4169	ring250	OB25	0	00:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4170	ring250	OB25	240	00:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4171	ring250	OB25	240	00:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4172	ring250	OB25	240	00:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4173	ring250	OB25	12	00:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4174	ring250	OB25	12	00:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4175	ring250	OB25	12	00:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4176	ring250	Ca41	200	00:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4177	ring250	Ca41	200	00:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4178	ring250	Ca41	200	00:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4179	ring250	Ca41	250	00:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4180	ring250	Ca41	250	00:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.4181	ring250	Ca41	250	00:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
sflat.4182	ring250	Na28	45	01:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Na28 2x1,good counts
sflat.4183	ring250	Na28	45	01:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
sflat.4184	ring250	Na28	55	01:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	

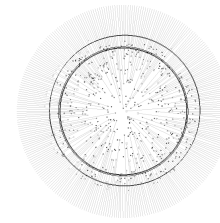


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.4185	ring250	RV31	40	01:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3,30-40k counts
sflat.4186	ring250	RV31	30	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
sflat.4187	ring250	RV31	20	01:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3,20kcounts,clear
sflat.4188	ring250	RV31	20	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
sflat.4189	ring250	RV31	20	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
sflat.4190	ring250	OB25	60	01:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	OB25 2x1,15k counts,clear
sflat.4191	ring250	OB25	60	01:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
sflat.4192	ring250	OB25	70	01:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4193	ring250	Ca41	0	01:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4194	ring250	Ca41	0	01:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4195	ring250	Ca41	0	01:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4196	ring250	Ca41	0	01:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4197	ring250	Ca41	0	01:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4198	ring250	Ca41	0	01:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4199	ring250	Ca41	0	01:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4200	ring250	Ca41	0	01:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4201	ring250	Ca41	0	01:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4202	ring250	Ca41	0	01:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.4203	ring250	Ca41	0	01:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.4204	cygnusf1.faint	Na28	20	02:10	+20:51:23.4	+29:59:50	-01:47	1.08	2024B-SA0- 9	2x1	

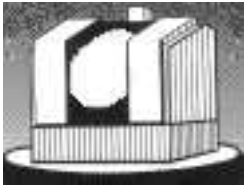
UT Date 09/25/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.4205	cygnusf1_faint	Na28	250	02:12	+20:51:23.4	+29:59:50	-01:46	1.08	2024B-SAO-9	2x1	
cygnusf1_faint_1.4206	cygnusf1_faint	Na28	720	02:18	+20:51:23.9	+29:59:42	-01:39	1.07	2024B-SAO-9	2x1	Clear,WFS=1.33"
cygnusf1_faint_1.4207	cygnusf1_faint	Na28	720	02:31	+20:51:23.9	+29:59:42	-01:26	1.05	2024B-SAO-9	2x1	
cygnusf1_faint_1.4208	cygnusf1_faint	Na28	720	02:44	+20:51:23.9	+29:59:42	-01:14	1.04	2024B-SAO-9	2x1	
comp.4209	cygnusf1_faint	Na28	250	02:57	+20:51:23.4	+29:59:50	-01:01	1.02	2024B-SAO-9	2x1	
comp.4210	mag_000_d	Na28	250	03:21	+23:31:09.0	+11:21:31	-03:16	1.53	2024B-SAO-29	2x1	
mag_000_d_1.4211	mag_000_d	Na28	1200	03:27	+23:31:09.6	+11:21:26	-03:10	1.50	2024B-SAO-29	2x1	Clear,WFS=1.9"
mag_000_d_1.4212	mag_000_d	Na28	1200	03:48	+23:31:09.6	+11:21:26	-02:49	1.38	2024B-SAO-29	2x1	
mag_000_d_1.4213	mag_000_d	Na28	1200	04:09	+23:31:09.6	+11:21:26	-02:29	1.30	2024B-SAO-29	2x1	
domeflat.4214	mag_000_d	Na28	20	04:30	+23:31:09.0	+11:21:31	-02:07	1.23	2024B-SAO-29	2x1	
comp.4215	mag_000_d	Na28	250	04:31	+23:31:09.0	+11:21:31	-02:06	1.22	2024B-SAO-29	2x1	
comp.4216	cygnusf1_faint	Ca41	250	05:03	+20:51:24.7	+29:59:44	+01:05	1.03	2024B-SAO-9	2x1	
domeflat.4217	cygnusf1_faint	Ca41	200	05:08	+20:51:24.7	+29:59:44	+01:10	1.03	2024B-SAO-9	2x1	
cygnusf1_faint_1.4218	cygnusf1_faint	Ca41	3000	05:13	+20:51:23.9	+29:59:42	+01:15	1.04	2024B-SAO-9	2x1	Clear,WFS=1.51"
cygnusf1_faint_1.4219	cygnusf1_faint	Ca41	3000	06:07	+20:51:23.9	+29:59:42	+02:09	1.13	2024B-SAO-9	2x1	
cygnusf1_faint_1.4220	cygnusf1_faint	Ca41	3000	06:58	+20:51:23.9	+29:59:42	+03:00	1.27	2024B-SAO-9	2x1	
comp.4221	cygnusf1_faint	Ca41	250	07:49	+20:51:24.7	+29:59:44	+03:52	1.53	2024B-SAO-9	2x1	
comp.4222	mag_000_b	RV31	180	08:16	+23:33:34.0	+07:31:47	+01:36	1.19	2024B-SAO-29	2x3	
mag_000_b_1.4223	mag_000_b	RV31	900	08:20	+23:33:33.7	+07:31:39	+01:40	1.20	2024B-SAO-29	2x3	Clear,WFS=1.68"
mag_000_b_1.4224	mag_000_b	RV31	900	08:35	+23:33:33.7	+07:31:39	+01:55	1.23	2024B-SAO-29	2x3	

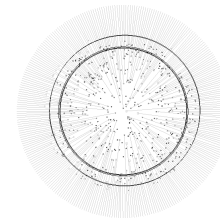


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
mag_000_b_1.4225	mag_000_b	RV31	900	08:51	+23:33:33.7	+07:31:39	+02:11	1.28	2024B-SAO-29	2x3	
domeflat.4226	mag_000_b	RV31	10	09:07	+23:33:34.0	+07:31:47	+02:27	1.34	2024B-SAO-29	2x3	
comp.4227	mag_000_b	RV31	180	09:08	+23:33:34.0	+07:31:47	+02:28	1.34	2024B-SAO-29	2x3	
comp.4228	mag_001_b	RV31	180	09:29	+23:35:23.8	+06:34:28	+02:48	1.45	2024B-SAO-29	2x3	
mag_001_b_1.4229	mag_001_b	RV31	660	09:34	+23:35:23.1	+06:34:26	+02:52	1.47	2024B-SAO-29	2x3	Clear,WFS=1.8"(FWHM suggests seeing improved to 1.5"
mag_001_b_1.4230	mag_001_b	RV31	660	09:45	+23:35:23.1	+06:34:26	+03:03	1.54	2024B-SAO-29	2x3	
mag_001_b_1.4231	mag_001_b	RV31	660	09:56	+23:35:23.1	+06:34:26	+03:15	1.61	2024B-SAO-29	2x3	
domeflat.4232	mag_001_b	RV31	10	10:08	+23:35:23.8	+06:34:28	+03:27	1.71	2024B-SAO-29	2x3	
comp.4233	mag_001_b	RV31	180	10:09	+23:35:23.8	+06:34:28	+03:28	1.72	2024B-SAO-29	2x3	
comp.4234	m33_snr	OB25	240	10:32	+01:33:35.0	+30:40:01	+01:52	1.09	2024B-SAO-11	2x1	
m33_snr_2.4235	m33_snr	OB25	2700	10:37	+01:33:34.6	+30:39:52	+01:57	1.10	2024B-SAO-11	2x1	Clear,WFS=1.28"
m33_snr_2.4236	m33_snr	OB25	2700	11:23	+01:33:34.6	+30:39:52	+02:43	1.21	2024B-SAO-11	2x1	
comp.4237	m33_snr	OB25	240	12:09	+01:33:35.0	+30:40:01	+03:29	1.40	2024B-SAO-11	2x1	
domeflat.4238	m33_snr	OB25	12	12:14	+01:33:35.0	+30:40:01	+03:34	1.42	2024B-SAO-11	2x1	
dark.4239	parked	Na28	900	13:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
dark.4240	parked	Na28	900	13:20			:		calibration	2x1	
dark.4241	parked	Na28	900	13:35			:		calibration	2x1	
dark.4242	parked	Na28	900	13:51			:		calibration	2x3	
dark.4243	parked	Na28	900	14:07			:		calibration	2x3	
dark.4244	parked	Na28	900	14:22			:		calibration	2x3	



MMT OBSERVATORY HECTOHELLE LOG



UT Date 09/25/2024 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.4245	parked	Na28	900	14:38			:		calibratio n	2x1	