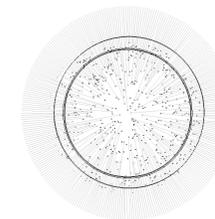
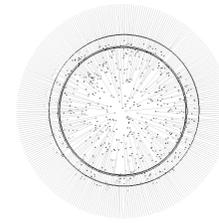
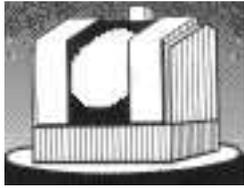
UT Date 03/15/2026 Observers RH

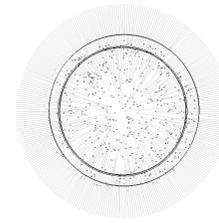
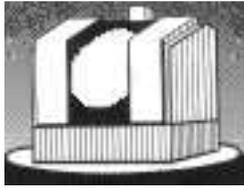
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.3430	ring250	RV31	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	2x3
ring250.3431	ring250	RV31	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3432	ring250	RV31	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3433	ring250	RV31	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3434	ring250	RV31	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3435	ring250	RV31	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3436	ring250	RV31	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3437	ring250	RV31	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3438	ring250	RV31	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3439	ring250	RV31	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3440	ring250	RV31	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	1x1
ring250.3441	ring250	RV31	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3442	ring250	RV31	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3443	ring250	RV31	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3444	ring250	RV31	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3445	ring250	RV31	0	23:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3446	ring250	RV31	0	23:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3447	ring250	RV31	0	23:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3448	ring250	RV31	0	23:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3449	ring250	RV31	0	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	

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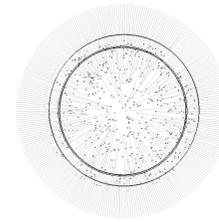
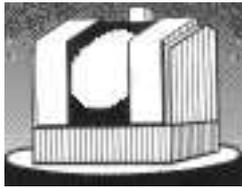
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.3450	ring250	RV31	0	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	2x2
ring250.3451	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3452	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3453	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3454	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3455	ring250	RV31	0	23:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3456	ring250	RV31	0	23:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3457	ring250	RV31	0	23:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3458	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3459	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.3460	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	2x1
ring250.3461	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3462	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3463	ring250	RV31	0	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3464	ring250	RV31	0	23:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3465	ring250	RV31	0	23:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3466	ring250	RV31	0	23:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3467	ring250	RV31	0	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3468	ring250	RV31	0	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3469	ring250	RV31	0	23:24	-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
domeflat.3470	ring250	RV31	8	23:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3
domeflat.3471	ring250	RV31	8	23:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3472	ring250	RV31	8	23:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3473	ring250	RV31	8	23:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3474	ring250	RV31	8	23:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3475	ring250	RV31	8	23:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3476	ring250	RV31	8	23:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3477	ring250	RV31	150	23:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3478	ring250	RV31	150	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3479	ring250	RV31	150	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3481	ring250	RV31	300	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1
comp.3482	ring250	RV31	300	23:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3483	ring250	RV31	300	23:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3484	ring250	RV31	50	23:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3485	ring250	RV31	50	00:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3486	ring250	RV31	50	00:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3487	ring250	RV31	50	00:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3488	ring250	RV31	50	00:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3489	ring250	RV31	50	00:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3490	ring250	RV31	50	00:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	

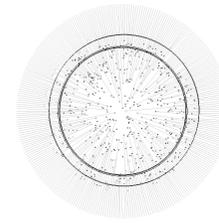
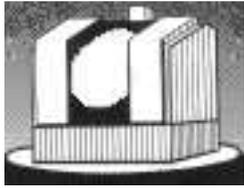
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.3491	ring250	OB25	240	00:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	OB25 2x1
comp.3492	ring250	OB25	240	00:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3493	ring250	OB25	240	00:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3494	ring250	OB25	12	00:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3495	ring250	OB25	12	00:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3496	ring250	OB25	12	00:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3497	ring250	OB25	12	00:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3498	ring250	OB25	12	00:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3499	ring250	OB25	12	00:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3500	ring250	OB25	12	00:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3501	ring250	OB24	5	01:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	OB24 2x2
domeflat.3502	ring250	OB24	5	01:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.3503	ring250	OB24	5	01:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.3504	ring250	OB24	5	01:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.3505	ring250	OB24	5	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.3506	ring250	OB24	5	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.3507	ring250	OB24	5	01:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
comp.3508	ring250	OB24	180	01:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
comp.3509	ring250	OB24	180	01:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
comp.3510	ring250	OB24	180	01:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	



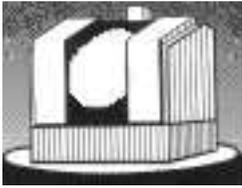
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
tz009417_gf1.1.3511	tz009417_gf1	RV31	600	04:44	+12:41:26.2	+19:00:54	-03:50	1.66	2026A-SAO-21	2x3	Few clouds, seeing=1.3"
tz009417_gf1.1.3512	tz009417_gf1	RV31	600	04:55	+12:41:26.2	+19:00:54	-03:39	1.58	2026A-SAO-21	2x3	
tz009417_gf1.1.3513	tz009417_gf1	RV31	600	05:05	+12:41:26.2	+19:00:54	-03:29	1.51	2026A-SAO-21	2x3	
domeflat.3514	tz009417_gf1	RV31	8	05:16	+12:41:26.5	+19:00:44	-03:18	1.44	2026A-SAO-21	2x3	
comp.3515	tz009417_gf1	RV31	150	05:17	+12:41:26.5	+19:00:44	-03:17	1.44	2026A-SAO-21	2x3	
domeflat.3516	field_19_d	RV31	8	05:38	+13:15:39.0	+58:17:05	-03:30	1.39	2026A-SAO-10	2x3	
comp.3517	field_19_d	RV31	150	05:39	+13:15:39.0	+58:17:05	-03:29	1.38	2026A-SAO-10	2x3	
field_19_d.1.3518	field_19_d	RV31	1800	05:42	+13:15:38.1	+58:16:58	-03:26	1.37	2026A-SAO-10	2x3	Few clouds at the start, seeing=1.3"
field_19_d.1.3519	field_19_d	RV31	1800	06:12	+13:15:38.1	+58:16:58	-02:55	1.30	2026A-SAO-10	2x3	
field_19_d.1.3520	field_19_d	RV31	1800	06:43	+13:15:38.1	+58:16:58	-02:25	1.23	2026A-SAO-10	2x3	Clear
field_19_d.1.3521	field_19_d	RV31	1800	07:13	+13:15:38.1	+58:16:58	-01:55	1.19	2026A-SAO-10	2x3	
comp.3522	field_19_d	RV31	150	07:44	+13:15:39.0	+58:17:05	-01:23	1.15	2026A-SAO-10	2x3	
HD144579_1.3523	HD144579	RV31	60	07:59	+16:05:35.4	+39:14:02	-03:59	1.50	2026A-SAO-21	1x1	Counts look good. Clear, seeing=1.3"
HD144579_1.3524	HD144579	RV31	60	08:02	+16:05:35.4	+39:14:02	-03:55	1.48	2026A-SAO-21	1x1	
HD144579_1.3525	HD144579	RV31	60	08:04	+16:05:35.4	+39:14:02	-03:53	1.47	2026A-SAO-21	1x1	
HD144579_1.3526	HD144579	RV31	60	08:06	+16:05:35.4	+39:14:02	-03:51	1.46	2026A-SAO-21	1x1	
HD144579_1.3527	HD144579	RV31	60	08:08	+16:05:35.4	+39:14:02	-03:49	1.45	2026A-SAO-21	1x1	
domeflat.3528	HD144579	RV31	50	08:11	+16:05:36.2	+39:14:00	-03:46	1.44	2026A-SAO-21	1x1	
comp.3529	HD144579	RV31	300	08:13	+16:05:36.2	+39:14:00	-03:44	1.42	2026A-SAO-21	1x1	
tz004406_gf1.1.3530	tz004406_gf1	RV31	600	08:36	+13:24:33.0	-01:59:36	-00:41	1.22	2026A-SAO-21	2x3	Clear, seeing=1.2"

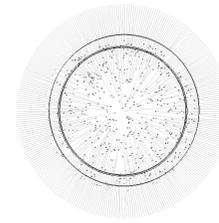


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
tz004406_gf1_1.3531	tz004406_gf1	RV31	600	08:46	+13:24:33.0	-01:59:36	-00:31	1.21	2026A-SAO-21	2x3	
tz004406_gf1_1.3532	tz004406_gf1	RV31	600	08:56	+13:24:33.0	-01:59:36	-00:20	1.20	2026A-SAO-21	2x3	
domeflat.3533	tz004406_gf1	RV31	8	09:07	+13:24:33.4	-01:59:43	-00:10	1.20	2026A-SAO-21	2x3	
comp.3534	tz004406_gf1	RV31	150	09:08	+13:24:33.4	-01:59:43	-00:09	1.20	2026A-SAO-21	2x3	
tz005140_gf1_1.3535	tz005140_gf1	RV31	600	09:25	+13:12:06.8	+00:59:42	+00:20	1.16	2026A-SAO-21	2x3	Clear, seeing=1.3"
tz005140_gf1_1.3536	tz005140_gf1	RV31	600	09:35	+13:12:06.8	+00:59:42	+00:30	1.17	2026A-SAO-21	2x3	
tz005140_gf1_1.3537	tz005140_gf1	RV31	600	09:46	+13:12:06.8	+00:59:42	+00:41	1.18	2026A-SAO-21	2x3	
domeflat.3538	tz005140_gf1	RV31	8	09:57	+13:12:06.4	+00:59:34	+00:52	1.19	2026A-SAO-21	2x3	
comp.3539	tz005140_gf1	RV31	150	09:57	+13:12:06.4	+00:59:34	+00:52	1.19	2026A-SAO-21	2x3	
domeflat.3540	m101_snr_2026B	OB25	12	10:17	+14:02:58.6	+54:24:28	+00:22	1.08	2026A-SAO-13	2x1	
comp.3541	m101_snr_2026B	OB25	240	10:19	+14:02:58.6	+54:24:28	+00:23	1.08	2026A-SAO-13	2x1	
m101_snr_2026B_1.3542	m101_snr_2026B	OB25	1800	10:24	+14:02:59.6	+54:24:22	+00:28	1.08	2026A-SAO-13	2x1	Clear, seeing=1.1"
m101_snr_2026B_1.3543	m101_snr_2026B	OB25	1800	10:54	+14:02:59.6	+54:24:22	+00:59	1.10	2026A-SAO-13	2x1	
m101_snr_2026B_1.3544	m101_snr_2026B	OB25	1800	11:25	+14:02:59.6	+54:24:22	+01:30	1.12	2026A-SAO-13	2x1	
m101_snr_2026B_1.3545	m101_snr_2026B	OB25	1800	11:56	+14:02:59.6	+54:24:22	+02:01	1.16	2026A-SAO-13	2x1	Added an extra exposure since we didn't have time for another field.
comp.3546	m101_snr_2026B	OB25	240	12:27	+14:02:58.6	+54:24:28	+02:32	1.22	2026A-SAO-13	2x1	
dark.3547	ring250	RV31	900	13:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
dark.3548	ring250	RV31	900	13:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
dark.3549	ring250	RV31	900	13:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
dark.3550	ring250	RV31	900	14:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	



MMT OBSERVATORY HECTOHELLE LOG



UT Date 03/15/2026 Observers RH

<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.3551	ring250	RV31	900	14:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3552	ring250	RV31	900	14:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	