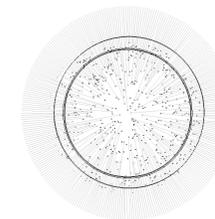
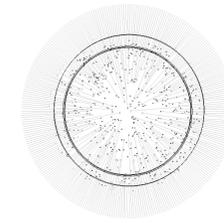
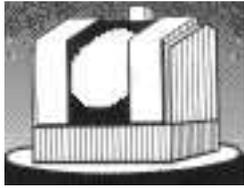
UT Date 03/13/2026 Observers KS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.3219	ring250	RV31	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	bias 1x1
ring250.3220	ring250	RV31	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3221	ring250	RV31	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3222	ring250	RV31	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3223	ring250	RV31	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3224	ring250	RV31	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3225	ring250	RV31	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3226	ring250	RV31	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3227	ring250	RV31	0	23:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3228	ring250	RV31	0	23:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
ring250.3229	ring250	RV31	0	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	bias 2x3
ring250.3230	ring250	RV31	0	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3231	ring250	RV31	0	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3232	ring250	RV31	0	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3233	ring250	RV31	0	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3234	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3235	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3236	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3237	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.3238	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	

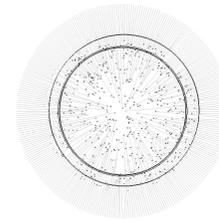
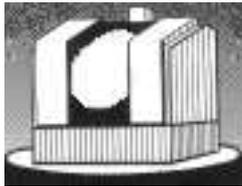
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.3239	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	bias 2x1
ring250.3240	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3241	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3242	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3243	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3244	ring250	RV31	0	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3245	ring250	RV31	0	23:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3246	ring250	RV31	0	23:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3247	ring250	RV31	0	23:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.3248	ring250	RV31	0	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3249	ring250	RV31	150	23:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3
comp.3250	ring250	RV31	150	23:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3251	ring250	RV31	150	23:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3252	ring250	RV31	8	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3253	ring250	RV31	8	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3254	ring250	RV31	8	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3255	ring250	RV31	8	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3256	ring250	RV31	8	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3257	ring250	RV31	8	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3258	ring250	RV31	8	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	



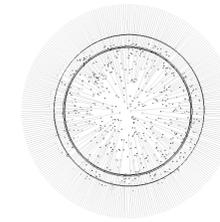
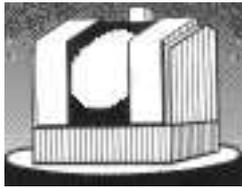
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.3259	ring250	OB25	240	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	OB25 2x1
comp.3260	ring250	OB25	240	23:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3261	ring250	OB25	240	23:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3262	ring250	OB25	12	23:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3263	ring250	OB25	12	23:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3264	ring250	OB25	12	23:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3265	ring250	OB25	12	23:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3266	ring250	OB25	12	23:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3267	ring250	OB25	12	23:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.3268	ring250	OB25	12	23:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.3269	ring250	RV31	300	00:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1
comp.3270	ring250	RV31	300	00:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3271	ring250	RV31	300	00:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3272	ring250	RV31	50	00:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3273	ring250	RV31	50	00:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3274	ring250	RV31	50	00:25	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3275	ring250	RV31	50	00:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3276	ring250	RV31	50	00:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3277	ring250	RV31	50	00:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3278	ring250	RV31	50	00:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	



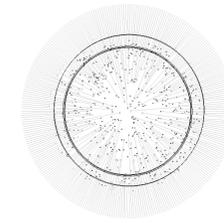
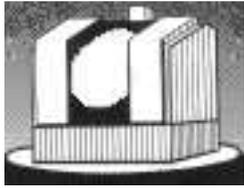
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.3279	ring250	OB25	20	01:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	OB25 2x1; counts 15,000; bit low
sflat.3280	ring250	OB25	25	01:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	counts 15,000; bit low
sflat.3281	ring250	OB25	35	01:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Counts 20,000; good
sflat.3282	ring250	OB25	35	01:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	counts 20,000; good
sflat.3283	ring250	OB25	40	01:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	counts 25,000; good
sflat.3284	ring250	OB25	40	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	counts 25,000; good
sflat.3285	ring250	RV31	55	01:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1; counts 20,000; good
sflat.3286	ring250	RV31	60	01:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	counts 20,000; good
sflat.3287	ring250	RV31	65	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	counts 20,000; good
sflat.3288	ring250	RV31	70	01:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	counts 20,000; good
sflat.3289	ring250	RV31	20	01:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3; counts 25,000; good
sflat.3290	ring250	RV31	20	01:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	counts 25,000; good
sflat.3291	ring250	RV31	20	01:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	counts 25,000; good
sflat.3292	ring250	RV31	20	01:25	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	counts 20,000; good
sflat.3293	ring250	RV31	20	01:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	counts 20,000; good
domeflat.3294	field_1_d	RV31	8	02:26	+10:31:16.4	+43:46:28	-04:06	1.52	2026A-SA0- 10	2x3	IGNORE - CHECKING IF WFS STAGE PROPE RLY STOWED
domeflat.3295	field_1_d	RV31	8	02:31	+10:31:16.8	+43:46:28	-04:02	1.50	2026A-SA0- 10	2x3	
comp.3296	field_1_d	RV31	150	02:31	+10:31:16.8	+43:46:28	-04:01	1.50	2026A-SA0- 10	2x3	
field_1_d.1.3297	field_1_d	RV31	1800	02:35	+10:31:16.4	+43:46:28	-03:58	1.48	2026A-SA0- 10	2x3	Clear; WFS=1.09"; small bit of wind shake
field_1_d.1.3298	field_1_d	RV31	1800	03:05	+10:31:16.4	+43:46:28	-03:28	1.34	2026A-SA0- 10	2x3	

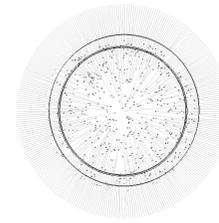
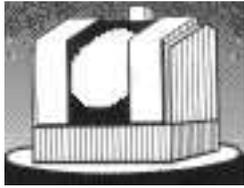


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
field_1_d.1.3299	field_1_d	RV31	1800	03:35	+10:31:16.4	+43:46:28	-02:57	1.24	2026A-SAO-10	2x3	
field_1_d.1.3300	field_1_d	RV31	1800	04:06	+10:31:16.4	+43:46:28	-02:27	1.16	2026A-SAO-10	2x3	
comp.3301	field_1_d	RV31	150	04:36	+10:31:16.8	+43:46:28	-01:56	1.11	2026A-SAO-10	2x3	
domeflat.3302	field_18_d	RV31	8	05:49	+10:23:29.9	+42:17:31	-00:35	1.02	2026A-SAO-10	2x3	
comp.3303	field_18_d	RV31	150	05:50	+10:23:29.9	+42:17:31	-00:35	1.02	2026A-SAO-10	2x3	
field_18_d.1.3304	field_18_d	RV31	1800	05:53	+10:23:29.7	+42:17:26	-00:31	1.02	2026A-SAO-10	2x3	Clear; WFS=0.91"
field_18_d.1.3305	field_18_d	RV31	1800	06:23	+10:23:29.7	+42:17:26	-00:01	1.01	2026A-SAO-10	2x3	
comp.3306	field_18_d	RV31	150	06:54	+10:23:29.7	+42:17:26	+00:28	1.02	2026A-SAO-10	2x3	
domeflat.3307	HD122064	RV31	50	07:10	+13:58:15.6	+61:29:06	-02:48	1.30	2026A-SAO-21	1x1	
comp.3308	HD122064	RV31	300	07:12	+13:58:15.6	+61:29:06	-02:46	1.30	2026A-SAO-21	1x1	
HD122064_1.3309	HD122064	RV31	60	07:18	+13:58:14.9	+61:29:05	-02:40	1.29	2026A-SAO-21	1x1	Clear; WFS=1.14", seems a bit faint?
HD122064_1.3310	HD122064	RV31	120	07:21	+13:58:14.9	+61:29:05	-02:37	1.28	2026A-SAO-21	1x1	Counts better in quicklook and with projection tool in ds9
HD122064_1.3311	HD122064	RV31	120	07:27	+13:58:14.9	+61:29:05	-02:31	1.27	2026A-SAO-21	1x1	
HD122064_1.3312	HD122064	RV31	120	07:30	+13:58:14.9	+61:29:05	-02:28	1.27	2026A-SAO-21	1x1	
HD122064_1.3313	HD122064	RV31	120	07:33	+13:58:14.9	+61:29:05	-02:25	1.26	2026A-SAO-21	1x1	
HD122064_1.3314	HD122064	RV31	120	07:36	+13:58:14.9	+61:29:05	-02:22	1.26	2026A-SAO-21	1x1	
HD128165_a.1.3315	HD128165_a	RV31	60	07:52	+14:34:25.7	+52:48:25	-02:42	1.23	2026A-SAO-21	1x1	Clear; WFS=0.96"; counts look good
HD128165_a.1.3316	HD128165_a	RV31	60	07:57	+14:34:25.7	+52:48:25	-02:38	1.22	2026A-SAO-21	1x1	
HD128165_a.1.3317	HD128165_a	RV31	60	07:59	+14:34:25.7	+52:48:25	-02:36	1.22	2026A-SAO-21	1x1	
HD128165_a.1.3318	HD128165_a	RV31	60	08:01	+14:34:25.7	+52:48:25	-02:33	1.21	2026A-SAO-21	1x1	

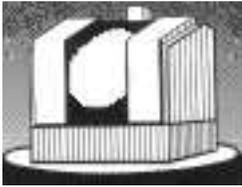
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
HD128165_a.1.3319	HD128165_a	RV31	60	08:04	+14:34:25.7	+52:48:25	-02:30	1.21	2026A-SAO-21	1x1	+0.5" in EL
HD128165_a.1.3320	HD128165_a	RV31	60	08:06	+14:34:25.7	+52:48:25	-02:28	1.20	2026A-SAO-21	1x1	+0.5" in EL
HD128165_a.1.3321	HD128165_a	RV31	60	08:08	+14:34:25.7	+52:48:25	-02:26	1.20	2026A-SAO-21	1x1	-0.5" in EL
HD128165_a.1.3322	HD128165_a	RV31	60	08:10	+14:34:25.7	+52:48:25	-02:24	1.19	2026A-SAO-21	1x1	-0.5" in EL
HD128165_a.1.3323	HD128165_a	RV31	60	08:12	+14:34:25.7	+52:48:25	-02:22	1.19	2026A-SAO-21	1x1	+0.5" in AZ
HD128165_a.1.3324	HD128165_a	RV31	60	08:14	+14:34:25.7	+52:48:25	-02:20	1.19	2026A-SAO-21	1x1	+0.5" in AZ
HD128165_a.1.3325	HD128165_a	RV31	60	08:17	+14:34:25.7	+52:48:25	-02:17	1.18	2026A-SAO-21	1x1	-0.5" in AZ
HD128165_a.1.3326	HD128165_a	RV31	60	08:19	+14:34:25.7	+52:48:25	-02:15	1.18	2026A-SAO-21	1x1	-0.5" in AZ
domeflat.3327	HD128165_a	RV31	50	08:21	+14:34:26.2	+52:48:25	-02:13	1.17	2026A-SAO-21	1x1	
comp.3328	HD128165_a	RV31	300	08:23	+14:34:26.2	+52:48:25	-02:11	1.17	2026A-SAO-21	1x1	
HD128165_b.1.3329	HD128165_b	RV31	60	08:36	+14:32:42.8	+52:46:30	-01:56	1.15	2026A-SAO-21	1x1	No visible star
HD128165_b.1.3330	HD128165_b	RV31	120	08:38	+14:32:42.8	+52:46:30	-01:54	1.14	2026A-SAO-21	1x1	Still no visible star
HD128165_b.1.3331	HD128165_b	RV31	180	08:42	+14:32:42.8	+52:46:30	-01:51	1.14	2026A-SAO-21	1x1	Target assigned to disabled fibre sorry I forgot to check
HD128165_c.1.3332	HD128165_c	RV31	60	08:57	+14:32:30.2	+53:05:29	-01:35	1.12	2026A-SAO-21	1x1	Clear; WFS=0.96"
HD128165_c.1.3333	HD128165_c	RV31	60	09:00	+14:32:30.2	+53:05:29	-01:32	1.12	2026A-SAO-21	1x1	
HD128165_c.1.3334	HD128165_c	RV31	60	09:02	+14:32:30.2	+53:05:29	-01:30	1.12	2026A-SAO-21	1x1	
HD128165_c.1.3335	HD128165_c	RV31	60	09:04	+14:32:30.2	+53:05:29	-01:28	1.11	2026A-SAO-21	1x1	
HD128165_c.1.3336	HD128165_c	RV31	60	09:06	+14:32:30.2	+53:05:29	-01:26	1.11	2026A-SAO-21	1x1	
domeflat.3337	HD128165_c	RV31	50	09:08	+14:32:30.0	+53:05:34	-01:23	1.11	2026A-SAO-21	1x1	
comp.3338	HD128165_c	RV31	300	09:11	+14:32:30.0	+53:05:34	-01:21	1.11	2026A-SAO-21	1x1	

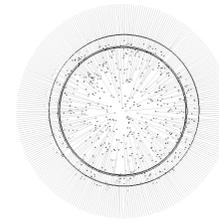


UT Date 03/13/2026 Observers KS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
HD128165_d.1.3339	HD128165_d	RV31	60	09:23	+14:34:30.1	+53:03:07	-01:10	1.10	2026A-SAO-21	1x1	Clear; WFS=0.96"
HD128165_d.1.3340	HD128165_d	RV31	60	09:27	+14:34:30.1	+53:03:07	-01:07	1.09	2026A-SAO-21	1x1	
HD128165_d.1.3341	HD128165_d	RV31	60	09:29	+14:34:30.1	+53:03:07	-01:05	1.09	2026A-SAO-21	1x1	
HD128165_d.1.3342	HD128165_d	RV31	60	09:31	+14:34:30.1	+53:03:07	-01:02	1.09	2026A-SAO-21	1x1	
HD128165_d.1.3343	HD128165_d	RV31	60	09:33	+14:34:30.1	+53:03:07	-01:00	1.09	2026A-SAO-21	1x1	
domeflat.3344	HD128165_d	RV31	50	09:36	+14:34:30.4	+53:03:11	-00:58	1.09	2026A-SAO-21	1x1	
comp.3345	HD128165_d	RV31	300	09:38	+14:34:30.4	+53:03:11	-00:56	1.09	2026A-SAO-21	1x1	
comp.3346	m101_snr_2026	OB25	240	10:06	+14:02:59.1	+54:24:25	+00:03	1.08	2026A-SAO-13	2x1	
m101_snr_2026.1.3347	m101_snr_2026	OB25	1800	10:11	+14:02:59.6	+54:24:22	+00:08	1.08	2026A-SAO-13	2x1	Clear; WFS=1.0"
m101_snr_2026.1.3348	m101_snr_2026	OB25	1800	10:42	+14:02:59.6	+54:24:22	+00:39	1.09	2026A-SAO-13	2x1	
m101_snr_2026.1.3349	m101_snr_2026	OB25	1800	11:13	+14:02:59.6	+54:24:22	+01:09	1.11	2026A-SAO-13	2x1	
domeflat.3350	m101_snr_2026	OB25	12	11:44	+14:02:59.1	+54:24:25	+01:41	1.14	2026A-SAO-13	2x1	
comp.3351	m101_snr_2026	OB25	240	11:45	+14:02:59.1	+54:24:25	+01:42	1.14	2026A-SAO-13	2x1	
tz006613_gf1.1.3352	tz006613_gf1	RV31	600	12:07	+13:30:02.2	+06:59:42	+02:36	1.39	2026A-SAO-21	2x3	Clear; WFS=0.55"
tz006613_gf1.1.3353	tz006613_gf1	RV31	600	12:17	+13:30:02.2	+06:59:42	+02:47	1.44	2026A-SAO-21	2x3	
tz006613_gf1.1.3354	tz006613_gf1	RV31	600	12:27	+13:30:02.2	+06:59:42	+02:57	1.50	2026A-SAO-21	2x3	
domeflat.3355	tz006613_gf1	RV31	8	12:38	+13:30:01.9	+06:59:40	+03:08	1.56	2026A-SAO-21	2x3	
comp.3356	tz006613_gf1	RV31	150	12:39	+13:30:01.9	+06:59:40	+03:09	1.57	2026A-SAO-21	2x3	
dark.3357	ring250	RV31	900	13:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3358	ring250	RV31	900	13:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	



MMT OBSERVATORY HECTOHELLE LOG



UT Date 03/13/2026 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>
dark.3359	ring250	RV31	900	13:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.3360	ring250	RV31	900	14:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3361	ring250	RV31	900	14:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3362	ring250	RV31	900	14:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	