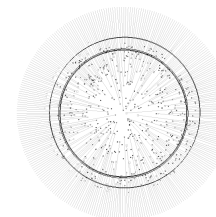
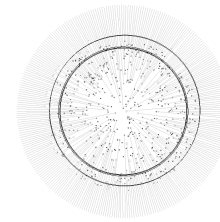
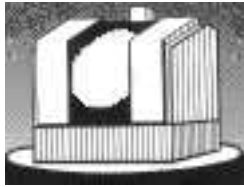
UT Date 03/17/2025 Observers RH

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.7691	parked	RV31	0	22:39	-01:00:00.0	-100:00:00	+02:33	1.42	calibratio n	2x3	2x3 bias
ring250.7692	parked	RV31	0	22:39	-01:00:00.0	-100:00:00	+01:32	1.10	calibratio n	2x3	
ring250.7693	parked	RV31	0	22:40	-01:00:00.0	-100:00:00	+00:22	1.00	calibratio n	2x3	
ring250.7694	parked	RV31	0	22:40	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7695	parked	RV31	0	22:40	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7696	parked	RV31	0	22:41	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7697	parked	RV31	0	22:41	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7698	parked	RV31	0	22:41	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7699	parked	RV31	0	22:42	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7700	parked	RV31	0	22:42	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
ring250.7701	parked	RV31	0	22:49	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	bad
ring250.7702	parked	RV31	0	22:50	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7703	parked	RV31	0	22:51	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7704	parked	RV31	0	23:01	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	2x1 Bias
ring250.7705	parked	RV31	0	23:02	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7706	parked	RV31	0	23:03	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7707	parked	RV31	0	23:03	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7708	parked	RV31	0	23:04	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7709	parked	RV31	0	23:05	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7710	parked	RV31	0	23:05	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	

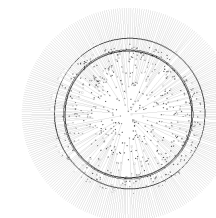
UT Date 03/17/2025 Observers RH

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.7711	parked	RV31	0	23:06	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7712	parked	RV31	0	23:07	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7713	parked	RV31	0	23:07	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
ring250.7714	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	2x2 bias
ring250.7715	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7716	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7717	ring250	RV31	0	23:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7718	ring250	RV31	0	23:16	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7719	ring250	RV31	0	23:16	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7720	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7721	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7722	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
ring250.7723	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7724	ring250	RV31	8	23:20	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	RV31 2x3
domeflat.7725	ring250	RV31	8	23:21	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.7726	ring250	RV31	8	23:22	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.7727	ring250	RV31	8	23:22	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.7728	ring250	RV31	8	23:23	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.7729	ring250	RV31	8	23:23	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.7730	ring250	RV31	8	23:24	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	



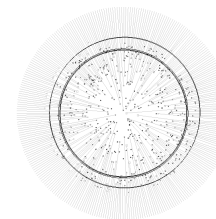
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.7731	ring250	RV31	150	23:25	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
comp.7732	ring250	RV31	150	23:28	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
comp.7733	ring250	RV31	150	23:31	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	
domeflat.7734	ring250	Na28	10	23:37	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	NA28 2x2
domeflat.7735	ring250	Na28	10	23:37	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7736	ring250	Na28	10	23:38	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7737	ring250	Na28	10	23:39	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7738	ring250	Na28	10	23:40	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7739	ring250	Na28	10	23:40	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7740	ring250	Na28	10	23:41	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
comp.7741	ring250	Na28	200	23:42	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
comp.7742	ring250	Na28	200	23:46	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
comp.7743	ring250	Na28	200	23:50	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7744	ring250	Ca19	180	23:57	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	Counts way too high.
domeflat.7745	ring250	Ca19	180	00:01	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
domeflat.7746	ring250	Ca19	30	00:05	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	Counts still too high
domeflat.7747	ring250	Ca19	20	00:07	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts are pretty good.
domeflat.7748	ring250	Ca19	18	00:08	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts are good. Ca19 2x1
domeflat.7749	ring250	Ca19	18	00:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
domeflat.7750	ring250	Ca19	18	00:11	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	

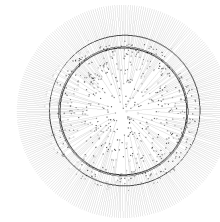
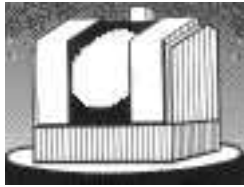


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.7751	ring250	Ca19	18	00:13	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
domeflat.7752	ring250	Ca19	18	00:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
domeflat.7753	ring250	Ca19	18	00:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
domeflat.7754	ring250	Ca19	18	00:16	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
comp.7755	ring250	Ca19	240	00:17	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts too high
comp.7757	ring250	Ca19	150	00:23	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts are better.
comp.7758	ring250	Ca19	120	00:28	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts are good, Ca19 2x1
comp.7759	ring250	Ca19	120	00:30	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
comp.7760	ring250	Ca19	120	00:33	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
sflat.7761	ring250	Ca19	2	01:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts too low.
sflat.7762	ring250	Ca19	15	01:11	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts too low.
sflat.7763	ring250	Ca19	30	01:12	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	Counts are good, Ca19 2x1. There are a few thin clouds to the west.
sflat.7764	ring250	Ca19	35	01:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
sflat.7765	ring250	Ca19	38	01:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
sflat.7766	ring250	Ca19	45	01:17	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x1	
sflat.7767	ring250	Na28	30	01:20	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	Counts are good Na28 2x2. There are a few thin clouds to the west.
sflat.7768	ring250	Na28	40	01:21	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
sflat.7769	ring250	Na28	40	01:23	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x2	
sflat.7770	ring250	RV31	30	01:26	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	Counts too high.
sflat.7771	ring250	RV31	18	01:27	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio n	2x3	Counts are good. RV31 2x3

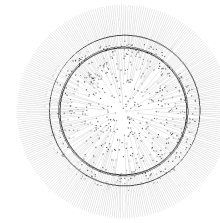
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.7772	ring250	RV31	18	01:28	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
sflat.7773	ring250	RV31	20	01:29	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
sflat.7774	ring250	RV31	20	01:30	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
praesepe_bright_xfitfibs_1.7775	praesepe_bright_xfitfibs	Ca19	600	03:40	+08:40:34.2	+19:49:54	-00:44	1.03	2025A-SAO-23	2x1	Thin clouds, seeing=1.6"
praesepe_bright_xfitfibs_1.7776	praesepe_bright_xfitfibs	Ca19	600	03:51	+08:40:34.2	+19:49:54	-00:34	1.03	2025A-SAO-23	2x1	
praesepe_bright_xfitfibs_1.7777	praesepe_bright_xfitfibs	Ca19	600	04:02	+08:40:34.2	+19:49:54	-00:23	1.02	2025A-SAO-23	2x1	
domeflat.7778	praesepe_bright_xfitfibs	Ca19	18	04:13	+08:40:34.6	+19:49:45	-00:12	1.02	2025A-SAO-23	2x1	
comp.7779	praesepe_bright_xfitfibs	Ca19	100	04:14	+08:40:34.6	+19:49:45	-00:10	1.02	2025A-SAO-23	2x1	
tz005116_gf1_1.7780	tz005116_gf1	RV31	600	05:41	+11:36:02.3	+00:59:30	-01:39	1.28	2025A-SAO-24	2x3	Bad
tz005116_gf1_1.7781	tz005116_gf1	RV31	600	06:41	+11:36:02.3	+00:59:30	-00:38	1.18	2025A-SAO-24	2x3	Thin clouds, seeing=1.1". No active guiding, just manual az/el adjustments
tz005116_gf1_1.7782	tz005116_gf1	RV31	600	06:52	+11:36:02.3	+00:59:30	-00:28	1.17	2025A-SAO-24	2x3	
tz005116_gf1_1.7783	tz005116_gf1	RV31	600	07:02	+11:36:02.3	+00:59:30	-00:17	1.16	2025A-SAO-24	2x3	
tz005116_gf1_1.7784	tz005116_gf1	RV31	600	07:12	+11:36:02.3	+00:59:30	-00:07	1.16	2025A-SAO-24	2x3	
tz005116_gf1_1.7785	tz005116_gf1	RV31	600	07:23	+11:36:02.3	+00:59:30	+00:02	1.16	2025A-SAO-24	2x3	
domeflat.7786	tz005116_gf1	RV31	8	07:34	+11:36:02.3	+00:59:20	+00:13	1.16	2025A-SAO-24	2x3	
comp.7787	tz005116_gf1	RV31	150	07:35	+11:36:02.3	+00:59:20	+00:14	1.16	2025A-SAO-24	2x3	
tz005119_gf1_1.7788	tz005119_gf1	RV31	600	07:53	+11:48:10.4	+00:59:42	+00:20	1.16	2025A-SAO-24	2x3	Few thin clouds, seeing=.8". No active guiding, just az/el adjustments by hand.
tz005119_gf1_1.7789	tz005119_gf1	RV31	600	08:03	+11:48:10.4	+00:59:42	+00:31	1.17	2025A-SAO-24	2x3	
tz005119_gf1_1.7790	tz005119_gf1	RV31	600	08:13	+11:48:10.4	+00:59:42	+00:41	1.18	2025A-SAO-24	2x3	
tz005119_gf1_1.7791	tz005119_gf1	RV31	600	08:24	+11:48:10.4	+00:59:42	+00:51	1.19	2025A-SAO-24	2x3	



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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
tz005119_gf1_1.7792	tz005119_gf1	RV31	600	08:34	+11:48:10.4	+00:59:42	+01:02	1.20	2025A-SAO-24	2x3	
domeflat.7793	tz005119_gf1	RV31	8	08:45	+11:48:10.6	+00:59:32	+01:13	1.22	2025A-SAO-24	2x3	
comp.7794	tz005119_gf1	RV31	150	08:46	+11:48:10.6	+00:59:32	+01:13	1.22	2025A-SAO-24	2x3	
tz005185_gf1_1.7795	tz005185_gf1	RV31	600	09:06	+16:12:10.4	+00:59:48	-02:50	1.57	2025A-SAO-24	2x3	Thin clouds, seeing=1.5". No active guiding, just manual az/el corrections.
tz005185_gf1_1.7796	tz005185_gf1	RV31	600	09:16	+16:12:10.4	+00:59:48	-02:39	1.51	2025A-SAO-24	2x3	
tz005185_gf1_1.7797	tz005185_gf1	RV31	600	09:26	+16:12:10.4	+00:59:48	-02:29	1.46	2025A-SAO-24	2x3	
tz005185_gf1_1.7798	tz005185_gf1	RV31	600	09:37	+16:12:10.4	+00:59:48	-02:19	1.41	2025A-SAO-24	2x3	
tz005185_gf1_1.7799	tz005185_gf1	RV31	600	09:47	+16:12:10.4	+00:59:48	-02:08	1.37	2025A-SAO-24	2x3	
domeflat.7800	tz005185_gf1	RV31	8	09:58	+16:12:10.4	+00:59:38	-01:57	1.33	2025A-SAO-24	2x3	
comp.7801	tz005185_gf1	RV31	150	09:59	+16:12:10.4	+00:59:38	-01:56	1.33	2025A-SAO-24	2x3	
tz004451_gf1_1.7802	tz004451_gf1	RV31	600	10:18	+16:24:38.3	-01:59:30	-01:49	1.35	2025A-SAO-24	2x3	Thin clouds, seeing=1.3". No guiding, doing manual az/el adjustments.
tz004451_gf1_1.7803	tz004451_gf1	RV31	600	10:29	+16:24:38.3	-01:59:30	-01:39	1.32	2025A-SAO-24	2x3	
tz004451_gf1_1.7804	tz004451_gf1	RV31	600	10:39	+16:24:38.3	-01:59:30	-01:29	1.30	2025A-SAO-24	2x3	
tz004451_gf1_1.7805	tz004451_gf1	RV31	600	10:49	+16:24:38.3	-01:59:30	-01:18	1.27	2025A-SAO-24	2x3	
tz004451_gf1_1.7806	tz004451_gf1	RV31	600	11:00	+16:24:38.3	-01:59:30	-01:08	1.25	2025A-SAO-24	2x3	
domeflat.7807	tz004451_gf1	RV31	8	11:11	+16:24:38.8	-01:59:37	-00:57	1.24	2025A-SAO-24	2x3	
comp.7808	tz004451_gf1	RV31	150	11:11	+16:24:38.8	-01:59:37	-00:56	1.24	2025A-SAO-24	2x3	
tz006646_gf1_1.7809	tz006646_gf1	RV31	600	11:29	+15:43:02.9	+07:01:00	+00:03	1.10	2025A-SAO-24	2x3	Few thin clouds, seeing=1.1" No active guiding, just manual az/el corrections.
tz006646_gf1_1.7810	tz006646_gf1	RV31	600	11:40	+15:43:02.9	+07:01:00	+00:13	1.10	2025A-SAO-24	2x3	
tz006646_gf1_1.7811	tz006646_gf1	RV31	600	11:50	+15:43:02.9	+07:01:00	+00:23	1.10	2025A-SAO-24	2x3	

UT Date 03/17/2025 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>
tz006646_gf1_1.7812	tz006646_gf1	RV31	600	12:00	+15:43:02.9	+07:01:00	+00:34	1.11	2025A-SAO-24	2x3	
tz006646_gf1_1.7813	tz006646_gf1	RV31	600	12:11	+15:43:02.9	+07:01:00	+00:44	1.12	2025A-SAO-24	2x3	
domeflat.7814	tz006646_gf1	RV31	8	12:22	+15:43:02.7	+07:00:50	+00:55	1.13	2025A-SAO-24	2x3	
comp.7815	tz006646_gf1	RV31	150	12:23	+15:43:02.7	+07:00:50	+00:56	1.13	2025A-SAO-24	2x3	
dark.7816	parked	RV31	900	13:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.7817	parked	RV31	900	13:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.7818	parked	RV31	900	13:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.7819	parked	RV31	900	13:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.7820	parked	RV31	900	14:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.7821	parked	RV31	900	14:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.7822	parked	RV31	900	14:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	