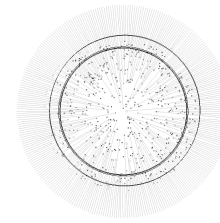
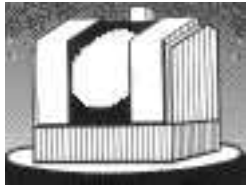
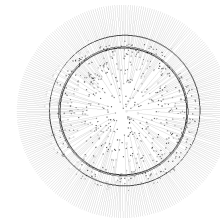
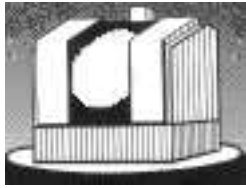
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<i>File</i>	<i>Title</i>	<i>Filt</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Bin</i>	<i>Comments</i>
bias.2624	ring250	RV31	0	22:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	1x1
bias.2625	ring250	RV31	0	22:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2626	ring250	RV31	0	22:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2627	ring250	RV31	0	22:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2628	ring250	RV31	0	22:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2629	ring250	RV31	0	22:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2630	ring250	RV31	0	22:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2631	ring250	RV31	0	22:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2632	ring250	RV31	0	22:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2633	ring250	RV31	0	22:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.2634	ring250	RV31	0	23:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	2x1
bias.2635	ring250	RV31	0	23:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2636	ring250	RV31	0	23:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2637	ring250	RV31	0	23:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2638	ring250	RV31	0	23:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2639	ring250	RV31	0	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2640	ring250	RV31	0	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2641	ring250	RV31	0	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
bias.2642	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.01	calibratio n	2x1	
bias.2643	ring250	RV31	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.53	calibratio n	2x1	



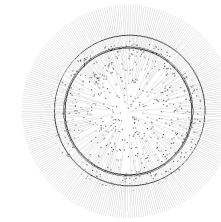
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
bias.2644	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	-00:01	3.86	calibratio n	2x3	2x3
bias.2645	ring250	RV31	0	23:17	-01:00:00.0	-100:00:00	-00:01	3.86	calibratio n	2x3	
bias.2646	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	-00:01	2.33	calibratio n	2x3	
bias.2647	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	-00:00	1.38	calibratio n	2x3	
bias.2648	ring250	RV31	0	23:18	-01:00:00.0	-100:00:00	-00:00	1.08	calibratio n	2x3	
bias.2649	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.2650	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.2651	ring250	RV31	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.2652	ring250	RV31	0	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.2653	ring250	RV31	0	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.2654	ring250	OB21	240	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	OB21 1x1
comp.2655	ring250	OB21	240	23:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.2656	ring250	OB21	240	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2657	ring250	OB21	20	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2658	ring250	OB21	20	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2659	ring250	OB21	20	23:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2660	ring250	OB21	20	23:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2661	ring250	OB21	20	23:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2662	ring250	OB21	20	23:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2663	ring250	OB21	20	23:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	



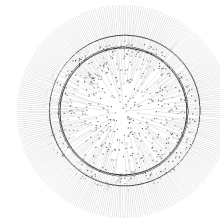
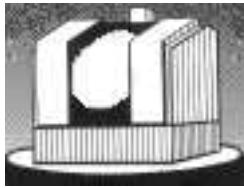
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.2664	ring250	RV31	150	23:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3
comp.2665	ring250	RV31	150	23:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.2666	ring250	RV31	150	23:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2667	ring250	RV31	8	00:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2668	ring250	RV31	8	00:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2669	ring250	RV31	8	00:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2670	ring250	RV31	8	00:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2671	ring250	RV31	8	00:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2672	ring250	RV31	8	00:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.2673	ring250	RV31	8	00:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.2674	ring250	Ca41	250	00:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Ca41 2x1
comp.2675	ring250	Ca41	250	00:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.2676	ring250	Ca41	250	00:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2677	ring250	Ca41	200	00:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2678	ring250	Ca41	200	00:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2679	ring250	Ca41	200	00:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2680	ring250	Ca41	200	00:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2681	ring250	Ca41	200	00:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2682	ring250	Ca41	200	00:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.2683	ring250	Ca41	200	00:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	



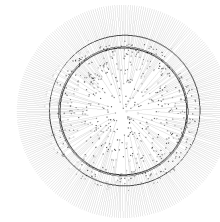
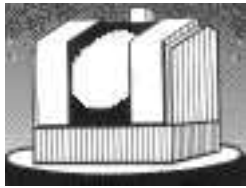
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.2684	ring250	Ca41	45	00:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Ca41 2x1; counts good
sflat.2685	ring250	Ca41	45	01:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
sflat.2686	ring250	Ca41	45	01:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
sflat.2687	ring250	OB21	40	01:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	OB21 1x1; counts low (6000)
sflat.2688	ring250	OB21	60	01:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	Counts good
sflat.2689	ring250	OB21	75	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	Counts only 8000 again
sflat.2690	ring250	OB21	90	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	Counts 10000
sflat.2691	ring250	RV31	30	01:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1; counts low
sflat.2692	ring250	RV31	60	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	Counts still low
sflat.2693	ring250	RV31	75	01:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.2694	ring250	RV31	300	01:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1
comp.2695	ring250	RV31	300	01:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.2696	ring250	RV31	300	01:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2697	ring250	RV31	50	02:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2698	ring250	RV31	50	02:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2699	ring250	RV31	50	02:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2700	ring250	RV31	50	02:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2701	ring250	RV31	50	02:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2702	ring250	RV31	50	02:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.2703	ring250	RV31	50	02:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	



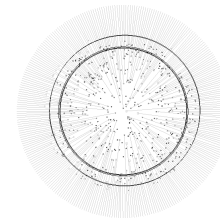
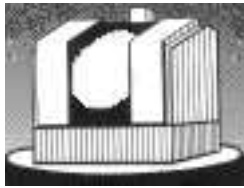
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
HD38230_1.2704	HD38230	RV31	120	04:16	+05:46:11.3	+37:22:04	+01:15	1.04	2024A-SAO-16	1x1	Thin clouds; WFS=1.01"; cannot see target in this exp
HD38230_1.2705	HD38230	RV31	240	04:20	+05:46:11.3	+37:22:04	+01:19	1.04	2024A-SAO-16	1x1	Target visible now
HD38230_1.2706	HD38230	RV31	240	04:26	+05:46:11.3	+37:22:04	+01:25	1.05	2024A-SAO-16	1x1	
HD38230_1.2707	HD38230	RV31	240	04:31	+05:46:11.3	+37:22:04	+01:30	1.06	2024A-SAO-16	1x1	
HD38230_1.2708	HD38230	RV31	240	04:36	+05:46:11.3	+37:22:04	+01:35	1.06	2024A-SAO-16	1x1	
domeflat.2709	HD38230	RV31	50	04:42	+05:46:10.9	+37:22:03	+01:41	1.07	2024A-SAO-16	1x1	
comp.2710	HD38230	RV31	300	04:44	+05:46:10.9	+37:22:03	+01:43	1.07	2024A-SAO-16	1x1	
domeflat.2711	tc000169_gf1	RV31	8	05:37	+12:32:38.9	+52:53:55	-04:09	1.52	2024A-SAO-16	2x3	
tc000169_gf1_1.2712	tc000169_gf1	RV31	600	05:39	+12:32:38.6	+52:53:51	-04:07	1.51	2024A-SAO-16	2x3	Some clouds; WFS=1.52"
tc000169_gf1_1.2713	tc000169_gf1	RV31	600	05:49	+12:32:38.6	+52:53:51	-03:57	1.46	2024A-SAO-16	2x3	
tc000169_gf1_1.2714	tc000169_gf1	RV31	600	06:00	+12:32:38.6	+52:53:51	-03:46	1.42	2024A-SAO-16	2x3	
tc000169_gf1_1.2715	tc000169_gf1	RV31	600	06:10	+12:32:38.6	+52:53:51	-03:36	1.38	2024A-SAO-16	2x3	
tc000169_gf1_1.2716	tc000169_gf1	RV31	600	06:20	+12:32:38.6	+52:53:51	-03:25	1.35	2024A-SAO-16	2x3	
domeflat.2717	tc000169_gf1	RV31	8	06:32	+12:32:38.9	+52:53:55	-03:14	1.31	2024A-SAO-16	2x3	
comp.2718	tc000169_gf1	RV31	150	06:33	+12:32:38.9	+52:53:55	-03:13	1.31	2024A-SAO-16	2x3	
domeflat.2719	tc000152_gf1	RV31	8	06:51	+10:31:34.2	-15:11:55	-00:54	1.51	2024A-SAO-16	2x3	
tc000152_gf1_1.2720	tc000152_gf1	RV31	600	06:52	+10:31:34.2	-15:11:50	-00:53	1.51	2024A-SAO-16	2x3	Some clouds; WFS=1.03"
tc000152_gf1_1.2721	tc000152_gf1	RV31	600	07:02	+10:31:34.2	-15:11:50	-00:42	1.49	2024A-SAO-16	2x3	
tc000152_gf1_1.2722	tc000152_gf1	RV31	600	07:13	+10:31:34.2	-15:11:50	-00:32	1.48	2024A-SAO-16	2x3	
tc000152_gf1_1.2723	tc000152_gf1	RV31	600	07:23	+10:31:34.2	-15:11:50	-00:21	1.47	2024A-SAO-16	2x3	



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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
tc000152_gf1_1.2724	tc000152_gf1	RV31	600	07:33	+10:31:34.2	-15:11:50	-00:11	1.46	2024A-SAO-16	2x3	
comp.2725	tc000152_gf1	RV31	150	07:44	+10:31:34.2	-15:11:55	-00:00	1.46	2024A-SAO-16	2x3	
domeflat.2726	tc000152_gf1	RV31	8	07:47	+10:31:34.2	-15:11:55	+00:02	1.46	2024A-SAO-16	2x3	
domeflat.2727	tc000153_gf1	RV31	8	08:06	+10:30:46.2	-14:57:29	+00:21	1.46	2024A-SAO-16	2x3	
tc000153_gf1_1.2728	tc000153_gf1	RV31	600	08:07	+10:30:46.2	-14:57:24	+00:22	1.46	2024A-SAO-16	2x3	Thin clouds; WFS=1.06"
tc000153_gf1_1.2729	tc000153_gf1	RV31	600	08:17	+10:30:46.2	-14:57:24	+00:32	1.47	2024A-SAO-16	2x3	
tc000153_gf1_1.2730	tc000153_gf1	RV31	600	08:27	+10:30:46.2	-14:57:24	+00:43	1.49	2024A-SAO-16	2x3	
tc000153_gf1_1.2731	tc000153_gf1	RV31	600	08:38	+10:30:46.2	-14:57:24	+00:53	1.50	2024A-SAO-16	2x3	
tc000153_gf1_1.2732	tc000153_gf1	RV31	600	08:48	+10:30:46.2	-14:57:24	+01:04	1.53	2024A-SAO-16	2x3	
domeflat.2733	tc000153_gf1	RV31	8	08:59	+10:30:46.2	-14:57:29	+01:14	1.55	2024A-SAO-16	2x3	
comp.2734	tc000153_gf1	RV31	150	09:00	+10:30:46.2	-14:57:29	+01:15	1.56	2024A-SAO-16	2x3	
domeflat.2735	tc000158_gf1	RV31	8	09:18	+15:20:38.9	+70:22:00	-03:14	1.46	2024A-SAO-16	2x3	
tc000158_gf1_1.2736	tc000158_gf1	RV31	600	09:19	+15:20:38.8	+70:21:55	-03:13	1.45	2024A-SAO-16	2x3	Some clouds; WFS=1.03"
tc000158_gf1_1.2737	tc000158_gf1	RV31	600	09:29	+15:20:38.8	+70:21:55	-03:03	1.43	2024A-SAO-16	2x3	
tc000158_gf1_1.2738	tc000158_gf1	RV31	600	09:40	+15:20:38.8	+70:21:55	-02:52	1.42	2024A-SAO-16	2x3	
tc000158_gf1_1.2739	tc000158_gf1	RV31	600	09:50	+15:20:38.8	+70:21:55	-02:42	1.40	2024A-SAO-16	2x3	
tc000158_gf1_1.2740	tc000158_gf1	RV31	600	10:00	+15:20:38.8	+70:21:55	-02:32	1.38	2024A-SAO-16	2x3	
domeflat.2741	tc000158_gf1	RV31	8	10:11	+15:20:38.9	+70:22:00	-02:21	1.37	2024A-SAO-16	2x3	
comp.2742	tc000158_gf1	RV31	150	10:12	+15:20:38.9	+70:22:00	-02:20	1.37	2024A-SAO-16	2x3	
domeflat.2743	tc000150_gf1	RV31	8	10:28	+16:54:44.2	+73:27:45	-03:38	1.55	2024A-SAO-16	2x3	



UT Date 02/23/2024 Observers KS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
tc000150_gf1_1.2744	tc000150_gf1	RV31	600	10:29	+16:54:43.0	+73:27:46	-03:37	1.55	2024A-SAO-16	2x3	Some clouds; WFS=1.1"
tc000150_gf1_1.2746	tc000150_gf1	RV31	600	11:04	+16:54:43.0	+73:27:46	-03:02	1.48	2024A-SAO-16	2x3	Clouds slightly thicker, but still guiding well
tc000150_gf1_1.2747	tc000150_gf1	RV31	600	11:14	+16:54:43.0	+73:27:46	-02:51	1.46	2024A-SAO-16	2x3	
tc000150_gf1_1.2748	tc000150_gf1	RV31	600	11:24	+16:54:43.0	+73:27:46	-02:41	1.45	2024A-SAO-16	2x3	
tc000150_gf1_1.2749	tc000150_gf1	RV31	600	11:35	+16:54:43.0	+73:27:46	-02:31	1.43	2024A-SAO-16	2x3	
domeflat.2750	tc000150_gf1	RV31	8	11:46	+16:54:44.2	+73:27:45	-02:20	1.42	2024A-SAO-16	2x3	
comp.2751	tc000150_gf1	RV31	150	11:46	+16:54:44.2	+73:27:45	-02:19	1.42	2024A-SAO-16	2x3	
bias.2752	parked	RV31	0	13:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	was trying to fix something; ignore
dark.2753	parked	RV31	900	13:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
dark.2754	parked	RV31	900	13:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
dark.2755	parked	RV31	900	13:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
dark.2756	parked	RV31	900	13:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
dark.2757	parked	RV31	900	14:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
dark.2758	parked	RV31	900	14:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
dark.2759	parked	RV31	900	14:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
dark.2760	parked	RV31	900	14:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
dark.2761	parked	RV31	900	15:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
dark.2762	parked	RV31	900	15:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
dark.2763	parked	RV31	900	15:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	