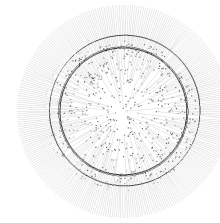
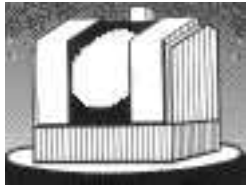
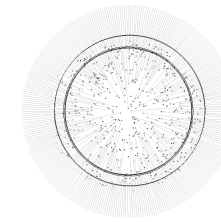
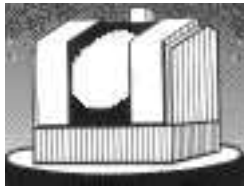
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<i>File</i>	<i>Title</i>	<i>Filt</i>	<i>Exp</i>	<i>UT</i>	<i>RA</i>	<i>Dec</i>	<i>HA</i>	<i>Air</i>	<i>Prop</i>	<i>Bin</i>	<i>Comments</i>
bias.3409	parked	RV31	0	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	1x1
bias.3410	parked	RV31	0	23:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3411	parked	RV31	0	23:25	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3412	parked	RV31	0	23:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3413	parked	RV31	0	23:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3414	parked	RV31	0	23:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3415	parked	RV31	0	23:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3416	parked	RV31	0	23:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3417	parked	RV31	0	23:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3418	parked	RV31	0	23:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3419	parked	RV31	0	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	2x3
bias.3420	parked	RV31	0	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3421	parked	RV31	0	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3422	parked	RV31	0	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3423	parked	RV31	0	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3424	parked	RV31	0	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3425	parked	RV31	0	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3426	parked	RV31	0	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3427	parked	RV31	0	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3428	parked	RV31	0	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	

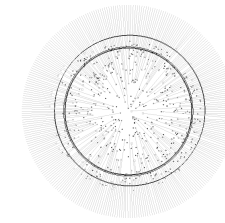
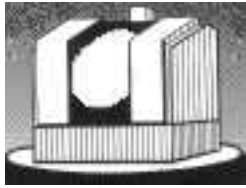
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.3429	ring250	RV31	50	00:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1
domeflat.3430	ring250	RV31	50	00:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3431	ring250	RV31	50	00:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3432	ring250	RV31	50	00:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3433	ring250	RV31	50	00:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3434	ring250	RV31	50	00:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3435	ring250	RV31	50	00:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3436	ring250	RV31	300	00:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3437	ring250	RV31	300	00:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3438	ring250	RV31	300	00:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3439	ring250	RV31	8	00:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3
domeflat.3440	ring250	RV31	8	00:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3441	ring250	RV31	8	00:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3442	ring250	RV31	8	00:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3443	ring250	RV31	8	00:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3444	ring250	RV31	8	00:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3445	ring250	RV31	8	00:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3446	ring250	RV31	150	00:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3447	ring250	RV31	150	01:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3448	ring250	RV31	150	01:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	

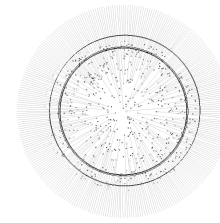
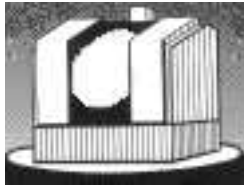


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.3449	ring250	RV31	10	01:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	RV31 2x3; Cloudy; counts too high
sflat.3450	ring250	RV31	6	01:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	Counts good
sflat.3451	ring250	RV31	6	01:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
sflat.3452	ring250	RV31	6	01:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
sflat.3453	ring250	RV31	6	01:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
sflat.3454	ring250	RV31	6	01:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	Just seeing how fast it gets dark with clouds
sflat.3455	ring250	RV31	10	01:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	Counts low; testing darkening of sky
tc000154_gf1.1.3456	tc000154_gf1	RV31	600	03:11	+10:13:50.2	-11:47:02	-00:24	1.39	2024A-SAO-16	2x3	Thin clouds; WFS=1.2"
tc000154_gf1.1.3457	tc000154_gf1	RV31	600	03:21	+10:13:50.2	-11:47:02	-00:14	1.38	2024A-SAO-16	2x3	
tc000154_gf1.1.3458	tc000154_gf1	RV31	600	03:32	+10:13:50.2	-11:47:02	-00:03	1.38	2024A-SAO-16	2x3	
domeflat.3459	tc000154_gf1	RV31	8	03:42	+10:13:50.0	-11:47:07	+00:06	1.38	2024A-SAO-16	2x3	
comp.3460	tc000154_gf1	RV31	150	03:43	+10:13:50.0	-11:47:07	+00:07	1.38	2024A-SAO-16	2x3	
tc000143_gf1.1.3461	tc000143_gf1	RV31	600	04:01	+08:58:17.1	-01:32:59	+01:41	1.32	2024A-SAO-16	2x3	Clear; WFS=0.8"
tc000143_gf1.1.3462	tc000143_gf1	RV31	600	04:12	+08:58:17.1	-01:32:59	+01:51	1.35	2024A-SAO-16	2x3	
tc000143_gf1.1.3463	tc000143_gf1	RV31	600	04:22	+08:58:17.1	-01:32:59	+02:02	1.39	2024A-SAO-16	2x3	
domeflat.3464	tc000143_gf1	RV31	8	04:33	+08:58:16.9	-01:33:03	+02:12	1.43	2024A-SAO-16	2x3	
comp.3465	tc000143_gf1	RV31	300	04:33	+08:58:16.9	-01:33:03	+02:13	1.43	2024A-SAO-16	2x3	
tc000140_gf1.1.3466	tc000140_gf1	RV31	600	04:55	+09:10:57.9	-10:51:05	+02:22	1.72	2024A-SAO-16	2x3	Clear; WFS=1.2"
tc000140_gf1.1.3467	tc000140_gf1	RV31	600	05:06	+09:10:57.9	-10:51:05	+02:33	1.79	2024A-SAO-16	2x3	
tc000140_gf1.1.3468	tc000140_gf1	RV31	600	05:16	+09:10:57.9	-10:51:05	+02:43	1.88	2024A-SAO-16	2x3	

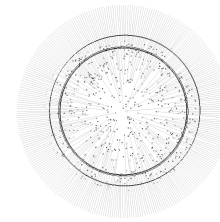
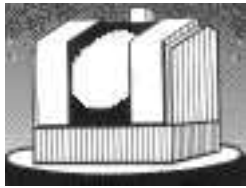
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domeflat.3469	tc000140_gf1	RV31	8	05:27	+09:10:57.8	-10:51:09	+02:54	1.97	2024A-SAO-16	2x3	
comp.3470	tc000140_gf1	RV31	150	05:28	+09:10:57.8	-10:51:09	+02:55	1.98	2024A-SAO-16	2x3	
ta008083_gf1_1.3471	ta008083_gf1	RV31	600	05:50	+15:48:19.1	+13:00:06	-03:18	1.53	2024A-SAO-16	2x3	Clear; WFS=1.2"
ta008083_gf1_1.3472	ta008083_gf1	RV31	600	06:01	+15:48:19.1	+13:00:06	-03:08	1.46	2024A-SAO-16	2x3	
ta008083_gf1_1.3473	ta008083_gf1	RV31	600	06:11	+15:48:19.1	+13:00:06	-02:58	1.41	2024A-SAO-16	2x3	
domeflat.3474	ta008083_gf1	RV31	8	06:22	+15:48:19.1	+13:00:06	-02:47	1.36	2024A-SAO-16	2x3	
comp.3475	ta008083_gf1	RV31	150	06:23	+15:48:19.1	+13:00:06	-02:46	1.35	2024A-SAO-16	2x3	
ta007373_gf1_1.3476	ta007373_gf1	RV31	600	06:42	+16:02:39.9	+10:00:54	-02:41	1.37	2024A-SAO-16	2x3	Clear; WFS=0.8"
ta007373_gf1_1.3477	ta007373_gf1	RV31	600	06:53	+16:02:39.9	+10:00:54	-02:30	1.32	2024A-SAO-16	2x3	
ta007373_gf1_1.3478	ta007373_gf1	RV31	600	07:03	+16:02:39.9	+10:00:54	-02:20	1.28	2024A-SAO-16	2x3	
domeflat.3479	ta007373_gf1	RV31	8	07:14	+16:02:40.1	+10:00:54	-02:09	1.25	2024A-SAO-16	2x3	
comp.3480	ta007373_gf1	RV31	150	07:15	+16:02:40.1	+10:00:54	-02:08	1.25	2024A-SAO-16	2x3	
ta008776_gf1_1.3481	ta008776_gf1	RV31	600	07:34	+15:23:47.5	+15:59:18	-01:11	1.08	2024A-SAO-16	2x3	Clear; WFS=0.9"
ta008776_gf1_1.3482	ta008776_gf1	RV31	600	07:44	+15:23:47.5	+15:59:18	-01:00	1.07	2024A-SAO-16	2x3	
ta008776_gf1_1.3483	ta008776_gf1	RV31	600	07:54	+15:23:47.5	+15:59:18	-00:50	1.06	2024A-SAO-16	2x3	
domeflat.3484	ta008776_gf1	RV31	8	08:05	+15:23:47.7	+15:59:13	-00:39	1.05	2024A-SAO-16	2x3	
comp.3485	ta008776_gf1	RV31	150	08:06	+15:23:47.7	+15:59:13	-00:38	1.05	2024A-SAO-16	2x3	
ta010110_gf1_1.3486	ta010110_gf1	RV31	600	08:26	+15:18:59.0	+22:00:12	-00:13	1.01	2024A-SAO-16	2x3	Clear; WFS=0.7"
ta010110_gf1_1.3487	ta010110_gf1	RV31	600	08:37	+15:18:59.0	+22:00:12	-00:03	1.01	2024A-SAO-16	2x3	
ta010110_gf1_1.3488	ta010110_gf1	RV31	600	08:47	+15:18:59.0	+22:00:12	+00:07	1.01	2024A-SAO-16	2x3	



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domeflat.3489	ta010110_gf1	RV31	8	08:58	+15:18:58.9	+22:00:07	+00:18	1.01	2024A-SAO-16	2x3	
comp.3490	ta010110_gf1	RV31	150	08:58	+15:18:58.9	+22:00:07	+00:18	1.01	2024A-SAO-16	2x3	
ta009456_gf1_1.3491	ta009456_gf1	RV31	600	09:17	+15:26:25.5	+18:59:30	+00:29	1.03	2024A-SAO-16	2x3	Clear; WFS=0.7"
ta009456_gf1_1.3492	ta009456_gf1	RV31	600	09:27	+15:26:25.5	+18:59:30	+00:40	1.03	2024A-SAO-16	2x3	
ta009456_gf1_1.3493	ta009456_gf1	RV31	600	09:38	+15:26:25.5	+18:59:30	+00:50	1.04	2024A-SAO-16	2x3	
domeflat.3494	ta009456_gf1	RV31	8	09:48	+15:26:25.2	+18:59:27	+01:01	1.05	2024A-SAO-16	2x3	
comp.3495	ta009456_gf1	RV31	150	09:49	+15:26:25.2	+18:59:27	+01:02	1.05	2024A-SAO-16	2x3	
ta010116_gf1_1.3496	ta010116_gf1	RV31	600	10:09	+15:44:47.3	+21:59:42	+01:04	1.04	2024A-SAO-16	2x3	Clear; WFS=0.9"
ta010116_gf1_1.3497	ta010116_gf1	RV31	600	10:20	+15:44:47.3	+21:59:42	+01:14	1.05	2024A-SAO-16	2x3	
ta010116_gf1_1.3498	ta010116_gf1	RV31	600	10:30	+15:44:47.3	+21:59:42	+01:24	1.07	2024A-SAO-16	2x3	
domeflat.3499	ta010116_gf1	RV31	8	10:41	+15:44:47.3	+21:59:37	+01:35	1.09	2024A-SAO-16	2x3	
comp.3500	ta010116_gf1	RV31	150	10:41	+15:44:47.3	+21:59:37	+01:36	1.09	2024A-SAO-16	2x3	
ta011361_gf1_1.3501	ta011361_gf1	RV31	600	11:01	+16:32:08.3	+27:59:30	+01:09	1.03	2024A-SAO-16	2x3	Clear; WFS=0.9"
ta011361_gf1_1.3502	ta011361_gf1	RV31	600	11:12	+16:32:08.3	+27:59:30	+01:19	1.04	2024A-SAO-16	2x3	
ta011361_gf1_1.3503	ta011361_gf1	RV31	600	11:22	+16:32:08.3	+27:59:30	+01:29	1.06	2024A-SAO-16	2x3	
domeflat.3504	ta011361_gf1	RV31	8	11:33	+16:32:07.9	+27:59:29	+01:40	1.07	2024A-SAO-16	2x3	
comp.3505	ta011361_gf1	RV31	150	11:34	+16:32:07.9	+27:59:29	+01:41	1.08	2024A-SAO-16	2x3	
dark.3506	parked	RV31	900	12:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3507	parked	RV31	900	12:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3508	parked	RV31	900	13:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	



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dark.3509	parked	RV31	900	13:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3510	parked	RV31	900	13:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3511	parked	RV31	900	13:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3512	parked	RV31	900	14:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3513	parked	RV31	900	14:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3514	parked	RV31	900	14:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	