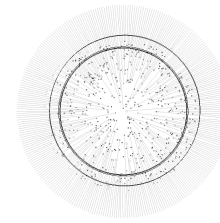
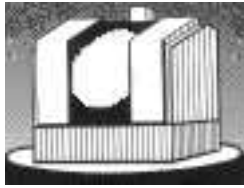
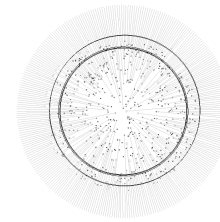
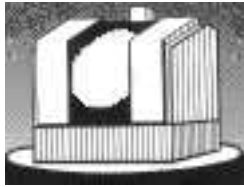
UT Date 04/23/2024 Observers SS

<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.3518	parked	RV31	0	23:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3519	parked	RV31	0	23:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3520	parked	RV31	0	23:38	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3521	parked	RV31	0	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3522	parked	RV31	0	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3523	parked	RV31	0	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3524	parked	RV31	0	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3525	parked	RV31	0	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3526	parked	RV31	0	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3527	parked	RV31	0	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3528	parked	RV31	0	23:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3529	parked	RV31	0	23:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3530	parked	RV31	0	23:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3531	parked	RV31	0	23:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3532	parked	RV31	0	23:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3533	parked	RV31	0	23:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3534	parked	RV31	0	23:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3535	parked	RV31	0	23:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3536	parked	RV31	0	23:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3537	parked	RV31	0	23:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	



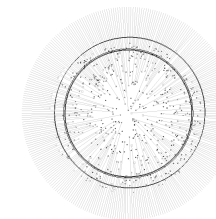
UT Date 04/23/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
bias.3538	parked	RV31	0	23:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3539	parked	RV31	0	23:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3540	ring250	RV31	180	00:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3541	ring250	RV31	180	01:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3542	ring250	RV31	180	01:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3543	ring250	RV31	10	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3544	ring250	RV31	10	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3545	ring250	RV31	10	01:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3546	ring250	RV31	240	01:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3547	ring250	RV31	240	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3548	ring250	RV31	240	01:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3549	ring250	RV31	40	01:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3550	ring250	RV31	40	01:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3551	ring250	RV31	40	01:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
sflat.3552	ring250	RV31	10	01:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	clear,RV31 2x3,15-20k counts
sflat.3553	ring250	RV31	10	01:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	10-15k counts
sflat.3554	ring250	RV31	15	01:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	clear,RV31 2x3,15-20k counts
sflat.3555	ring250	RV31	15	01:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3,good counts
sflat.3556	ring250	RV31	30	01:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1,6-8k counts
sflat.3557	ring250	RV31	60	01:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	RV31 1x1,

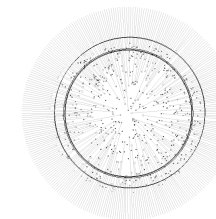


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.3558	ring250	RV31	90	01:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	10-15k
sflat.3559	ring250	RV31	120	01:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	10-15k
HD65583_1.3560	HD65583	RV31	70	03:17	+08:00:27.9	+29:19:47	+01:58	1.10	2024A-SAO- 16	1x1	Clear,WFS=0.94",6-8k counts(70s)
HD65583_1.3561	HD65583	RV31	90	03:20	+08:00:27.9	+29:19:47	+02:01	1.11	2024A-SAO- 16	1x1	Clear,WFS=0.94",15-25k
HD65583_1.3562	HD65583	RV31	75	03:24	+08:00:27.9	+29:19:47	+02:06	1.12	2024A-SAO- 16	1x1	Clear,WFS=0.94",good counts(75s)
HD65583_1.3563	HD65583	RV31	75	03:27	+08:00:27.9	+29:19:47	+02:08	1.12	2024A-SAO- 16	1x1	
HD65583_1.3564	HD65583	RV31	75	03:29	+08:00:27.9	+29:19:47	+02:10	1.13	2024A-SAO- 16	1x1	
HD65583_1.3565	HD65583	RV31	75	03:31	+08:00:27.9	+29:19:47	+02:12	1.13	2024A-SAO- 16	1x1	
HD65583_1.3566	HD65583	RV31	75	03:34	+08:00:27.9	+29:19:47	+02:15	1.14	2024A-SAO- 16	1x1	
domeflat.3567	HD65583	RV31	40	03:36	+08:00:28.5	+29:19:54	+02:18	1.15	2024A-SAO- 16	1x1	
domeflat.3568	HD65583	RV31	50	03:38	+08:00:28.5	+29:19:54	+02:20	1.15	2024A-SAO- 16	1x1	
comp.3569	HD65583	RV31	240	03:41	+08:00:28.5	+29:19:54	+02:22	1.16	2024A-SAO- 16	1x1	
tc000138_gf1_1.3570	tc000138_gf1	RV31	1200	04:04	+08:54:33.9	-07:37:42	+01:52	1.48	2024A-SAO- 16	2x3	Clear,wfs=2.27"
tc000138_gf1_1.3571	tc000138_gf1	RV31	1200	04:25	+08:54:33.9	-07:37:42	+02:12	1.57	2024A-SAO- 16	2x3	some wind shake in guide stars
tc000138_gf1_1.3572	tc000138_gf1	RV31	1200	04:45	+08:54:33.9	-07:37:42	+02:33	1.69	2024A-SAO- 16	2x3	pointing SW,S/SW wind 15-20mph
domeflat.3573	tc000138_gf1	RV31	10	05:06	+08:54:33.7	-07:37:32	+02:54	1.84	2024A-SAO- 16	2x3	
comp.3574	tc000138_gf1	RV31	180	05:07	+08:54:33.7	-07:37:32	+02:54	1.85	2024A-SAO- 16	2x3	
ta014902_gf1_1.3575	ta014902_gf1	RV31	720	05:31	+12:40:15.3	+51:59:54	-00:25	1.06	2024A-SAO- 16	2x3	Clear,wfs=1.06"
ta014902_gf1_1.3576	ta014902_gf1	RV31	720	05:44	+12:40:15.3	+51:59:54	-00:13	1.06	2024A-SAO- 16	2x3	
ta014902_gf1_1.3577	ta014902_gf1	RV31	720	05:56	+12:40:15.3	+51:59:54	-00:01	1.06	2024A-SAO- 16	2x3	focus went out towards end of exp added

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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>
ta014902_gf1_1.3578	ta014902_gf1	RV31	720	06:09	+12:40:15.3	+51:59:54	+00:12	1.06	2024A-SAO-16	2x3	
domeflat.3579	ta014902_gf1	RV31	10	06:23	+12:40:15.1	+51:59:34	+00:25	1.06	2024A-SAO-16	2x3	
comp.3580	ta014902_gf1	RV31	180	06:24	+12:40:15.1	+51:59:34	+00:26	1.06	2024A-SAO-16	2x3	
ta014589_gf1_1.3581	ta014589_gf1	RV31	720	06:45	+13:06:25.3	+49:00:12	+00:21	1.04	2024A-SAO-16	2x3	Clear,WFS=0.83"
ta014589_gf1_1.3582	ta014589_gf1	RV31	720	06:57	+13:06:25.3	+49:00:12	+00:33	1.05	2024A-SAO-16	2x3	
ta014589_gf1_1.3583	ta014589_gf1	RV31	720	07:09	+13:06:25.3	+49:00:12	+00:45	1.05	2024A-SAO-16	2x3	
ta014589_gf1_1.3584	ta014589_gf1	RV31	720	07:22	+13:06:25.3	+49:00:12	+00:58	1.06	2024A-SAO-16	2x3	
domeflat.3585	ta014589_gf1	RV31	10	07:36	+13:06:25.7	+49:00:02	+01:12	1.07	2024A-SAO-16	2x3	
comp.3586	ta014589_gf1	RV31	180	07:37	+13:06:25.7	+49:00:02	+01:13	1.07	2024A-SAO-16	2x3	
ta014595_gf1_1.3587	ta014595_gf1	RV31	720	08:04	+13:43:11.2	+49:00:06	+01:04	1.07	2024A-SAO-16	2x3	Clear,wfs=1.0"
ta014595_gf1_1.3588	ta014595_gf1	RV31	720	08:16	+13:43:11.2	+49:00:06	+01:16	1.08	2024A-SAO-16	2x3	
ta014595_gf1_1.3589	ta014595_gf1	RV31	720	08:29	+13:43:11.2	+49:00:06	+01:28	1.09	2024A-SAO-16	2x3	
domeflat.3590	ta014595_gf1	RV31	10	08:44	+13:43:12.3	+49:00:05	+01:43	1.11	2024A-SAO-16	2x3	
comp.3591	ta014595_gf1	RV31	180	08:46	+13:43:12.3	+49:00:05	+01:45	1.11	2024A-SAO-16	2x3	
ta015216_gf1_1.3592	ta015216_gf1	RV31	720	09:14	+14:17:39.5	+54:59:54	+01:40	1.14	2024A-SAO-16	2x3	Clear,wfs=1.16"
ta015216_gf1_1.3593	ta015216_gf1	RV31	720	09:27	+14:17:39.5	+54:59:54	+01:52	1.16	2024A-SAO-16	2x3	
ta015216_gf1_1.3594	ta015216_gf1	RV31	720	09:39	+14:17:39.5	+54:59:54	+02:05	1.17	2024A-SAO-16	2x3	
domeflat.3595	ta015216_gf1	RV31	10	09:53	+14:17:39.8	+54:59:44	+02:18	1.20	2024A-SAO-16	2x3	
comp.3596	ta015216_gf1	RV31	180	09:54	+14:17:39.8	+54:59:44	+02:19	1.20	2024A-SAO-16	2x3	
comp.3597	ta015216_gf1	RV31	180	09:57	+14:17:39.8	+54:59:44	+02:23	1.21	2024A-SAO-16	2x3	

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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>
ta014604_gf1_1.3598	ta014604_gf1	RV31	840	10:21	+14:38:06.1	+49:00:42	+02:27	1.18	2024A-SAO-16	2x3	Clear,wfs=1.14"
ta014604_gf1_1.3599	ta014604_gf1	RV31	840	10:36	+14:38:06.1	+49:00:42	+02:41	1.21	2024A-SAO-16	2x3	
ta014604_gf1_1.3600	ta014604_gf1	RV31	840	10:50	+14:38:06.1	+49:00:42	+02:55	1.25	2024A-SAO-16	2x3	
domeflat.3601	ta014604_gf1	RV31	10	11:06	+14:38:06.9	+49:00:36	+03:11	1.29	2024A-SAO-16	2x3	
comp.3602	ta014604_gf1	RV31	180	11:07	+14:38:06.9	+49:00:36	+03:12	1.29	2024A-SAO-16	2x3	
dark.3603	parked	RV31	900	12:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3604	parked	RV31	900	12:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3605	parked	RV31	900	13:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3606	parked	RV31	900	13:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3607	parked	RV31	900	13:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3608	parked	RV31	900	14:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.3609	parked	RV31	900	14:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
dark.3610	parked	RV31	900	14:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	