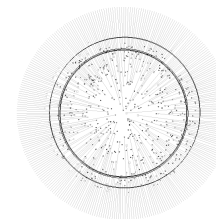
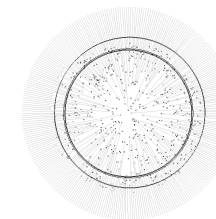
UT Date 04/18/2024 Observers SS

<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.3051	parked	RV31	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3052	parked	RV31	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3053	parked	RV31	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3054	parked	RV31	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3055	parked	RV31	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3056	parked	RV31	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3057	parked	RV31	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3058	parked	RV31	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3059	parked	RV31	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3060	parked	RV31	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3061	parked	RV31	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
bias.3062	parked	OB21	0	23:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3063	parked	OB21	0	23:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3064	parked	OB21	0	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3065	parked	OB21	0	23:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3066	parked	OB21	0	23:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3067	parked	OB21	0	23:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3068	parked	OB21	0	23:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3069	parked	OB21	0	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3070	parked	OB21	0	23:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	

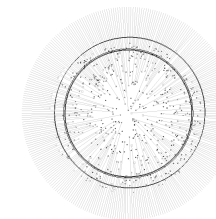
UT Date 04/18/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
bias.3071	parked	OB21	0	23:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
bias.3072	parked	OB21	0	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3073	ring250	OB21	240	00:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	OB21 1x1
comp.3074	ring250	OB21	240	01:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
comp.3075	ring250	OB21	240	01:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3076	ring250	OB21	20	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	counts too low(15k)
domeflat.3077	ring250	OB21	25	01:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3078	ring250	OB21	20	01:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3079	ring250	OB21	20	01:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
domeflat.3080	ring250	OB21	20	01:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	ignore, bad exp
domeflat.3083	ring250	RV31	10	01:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3
domeflat.3084	ring250	RV31	10	01:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.3085	ring250	RV31	10	01:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3086	ring250	RV31	180	01:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3087	ring250	RV31	180	01:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.3088	ring250	RV31	180	01:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
sflat.3089	ring250	OB21	10	01:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
sflat.3090	ring250	OB21	5	01:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
sflat.3091	ring250	OB21	25	01:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
sflat.3092	ring250	OB21	40	01:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	Clear, 8-10k counts



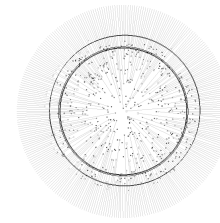
UT Date 04/18/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.3093	ring250	OB21	70	01:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	clear,15k
sflat.3094	ring250	RV31	40	01:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3,clear,20k count
sflat.3095	ring250	RV31	35	01:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	15-20k counts
sflat.3096	ring250	RV31	30	01:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	15-20k counts
sflat.3097	ring250	RV31	30	01:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	clear,15-20k counts
sflat.3098	ring250	RV31	35	01:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3,clear,15-20k
sflat.3099	ring250	RV31	40	01:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3,clear,15-20k
bias.3100	tc000166_gf1	RV31	0	02:19	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3101	tc000166_gf1	RV31	0	02:19	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3102	tc000166_gf1	RV31	0	02:19	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3103	tc000166_gf1	RV31	0	02:20	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3104	tc000166_gf1	RV31	0	02:20	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3105	tc000166_gf1	RV31	0	02:20	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3106	tc000166_gf1	RV31	0	02:21	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3107	tc000166_gf1	RV31	0	02:21	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3108	tc000166_gf1	RV31	0	02:21	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3109	tc000166_gf1	RV31	0	02:22	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3110	tc000166_gf1	RV31	0	02:22	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3111	tc000166_gf1	RV31	0	02:24	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	
bias.3112	tc000166_gf1	RV31	0	02:25	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO- 16	2x3	

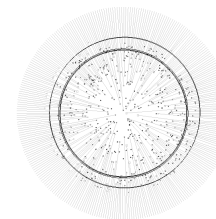


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
bias.3113	tc000166_gf1	RV31	0	02:25	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3114	tc000166_gf1	RV31	0	02:25	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3115	tc000166_gf1	RV31	0	02:26	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3116	tc000166_gf1	RV31	0	02:26	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3117	tc000166_gf1	RV31	0	02:26	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3118	tc000166_gf1	RV31	0	02:27	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3119	tc000166_gf1	RV31	0	02:27	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3120	tc000166_gf1	RV31	0	02:27	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
bias.3121	tc000166_gf1	RV31	0	02:28	-01:00:00.0	-100:00:00	-00:00	1.00	2024A-SAO-16	2x3	
tc000166_gf1_1.3122	tc000166_gf1	RV31	960	03:02	+12:00:10.2	-01:19:58	-02:35	1.54	2024A-SAO-16	2x3	Clear,WFS= 1.8"
tc000166_gf1_1.3123	tc000166_gf1	RV31	960	03:18	+12:00:10.2	-01:19:58	-02:19	1.46	2024A-SAO-16	2x3	
tc000166_gf1_1.3124	tc000166_gf1	RV31	960	03:35	+12:00:10.2	-01:19:58	-02:02	1.39	2024A-SAO-16	2x3	
comp.3125	tc000166_gf1	RV31	180	03:52	+12:00:10.2	-01:19:58	-01:45	1.33	2024A-SAO-16	2x3	
domeflat.3126	tc000166_gf1	RV31	10	03:56	+12:00:10.2	-01:19:58	-01:41	1.32	2024A-SAO-16	2x3	
ta013493_gf1_1.3127	ta013493_gf1	RV31	660	04:16	+12:00:37.7	+39:59:24	-01:21	1.05	2024A-SAO-16	2x3	Clear,WFS= 1.0"
ta013493_gf1_1.3128	ta013493_gf1	RV31	660	04:28	+12:00:37.7	+39:59:24	-01:10	1.04	2024A-SAO-16	2x3	
ta013493_gf1_1.3129	ta013493_gf1	RV31	660	04:39	+12:00:37.7	+39:59:24	-00:58	1.03	2024A-SAO-16	2x3	
domeflat.3130	ta013493_gf1	RV31	10	04:51	+12:00:37.7	+39:59:24	-00:46	1.02	2024A-SAO-16	2x3	
comp.3131	ta013493_gf1	RV31	180	04:52	+12:00:37.7	+39:59:24	-00:45	1.02	2024A-SAO-16	2x3	
tc000167_gf1_1.3132	tc000167_gf1	RV31	780	05:16	+14:56:37.9	+23:33:24	-03:17	1.39	2024A-SAO-16	2x3	Clear,WFS= 1.4"

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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>
tc000167_gf1_1.3133	tc000167_gf1	RV31	780	05:29	+14:56:37.9	+23:33:24	-03:04	1.33	2024A-SAO-16	2x3	
tc000167_gf1_1.3134	tc000167_gf1	RV31	780	05:42	+14:56:37.9	+23:33:24	-02:51	1.27	2024A-SAO-16	2x3	
domeflat.3135	tc000167_gf1	RV31	10	05:58	+14:56:37.9	+23:33:24	-02:35	1.22	2024A-SAO-16	2x3	
comp.3136	tc000167_gf1	RV31	180	06:00	+14:56:37.9	+23:33:24	-02:33	1.21	2024A-SAO-16	2x3	
tc000159_gf1_1.3137	tc000159_gf1	RV31	840	06:21	+16:21:45.0	+27:38:35	-03:37	1.46	2024A-SAO-16	2x3	Clear,WFS= 1.38"
tc000159_gf1_1.3138	tc000159_gf1	RV31	840	06:35	+16:21:45.0	+27:38:35	-03:22	1.38	2024A-SAO-16	2x3	
tc000159_gf1_1.3139	tc000159_gf1	RV31	840	06:50	+16:21:45.0	+27:38:35	-03:08	1.32	2024A-SAO-16	2x3	
domeflat.3140	tc000159_gf1	RV31	10	07:07	+16:21:45.0	+27:38:35	-02:51	1.25	2024A-SAO-16	2x3	
comp.3141	tc000159_gf1	RV31	180	07:08	+16:21:45.0	+27:38:35	-02:50	1.25	2024A-SAO-16	2x3	
tc000146_gf1_1.3142	tc000146_gf1	RV31	720	07:35	+16:45:03.3	+06:29:13	-02:46	1.44	2024A-SAO-16	2x3	Clear,WFS= 1.17"
tc000146_gf1_1.3143	tc000146_gf1	RV31	720	07:48	+16:45:03.3	+06:29:13	-02:33	1.38	2024A-SAO-16	2x3	
tc000146_gf1_1.3144	tc000146_gf1	RV31	720	08:00	+16:45:03.3	+06:29:13	-02:21	1.33	2024A-SAO-16	2x3	
domeflat.3145	tc000146_gf1	RV31	10	08:14	+16:45:03.3	+06:29:13	-02:08	1.28	2024A-SAO-16	2x3	
comp.3146	tc000146_gf1	RV31	180	08:14	+16:45:03.3	+06:29:13	-02:07	1.28	2024A-SAO-16	2x3	
ta014616_gf1_1.3147	ta014616_gf1	RV31	660	08:39	+15:51:04.9	+48:59:42	-00:47	1.06	2024A-SAO-16	2x3	Clear,WFS= 1.2"
ta014616_gf1_1.3148	ta014616_gf1	RV31	660	08:51	+15:51:04.9	+48:59:42	-00:36	1.05	2024A-SAO-16	2x3	
ta014616_gf1_1.3149	ta014616_gf1	RV31	660	09:02	+15:51:04.9	+48:59:42	-00:24	1.05	2024A-SAO-16	2x3	
domeflat.3150	ta014616_gf1	RV31	10	09:15	+15:51:04.9	+48:59:42	-00:12	1.04	2024A-SAO-16	2x3	
comp.3151	ta014616_gf1	RV31	180	09:15	+15:51:04.9	+48:59:42	-00:11	1.04	2024A-SAO-16	2x3	
ta014286_gf1_1.3152	ta014286_gf1	RV31	660	09:39	+15:50:01.8	+46:00:35	+00:13	1.03	2024A-SAO-16	2x3	Clear,WFS= 0.73"

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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>
ta014286_gf1_1.3153	ta014286_gf1	RV31	660	09:50	+15:50:01.8	+46:00:35	+00:24	1.03	2024A-SAO-16	2x3	
ta014286_gf1_1.3154	ta014286_gf1	RV31	660	10:02	+15:50:01.8	+46:00:35	+00:35	1.03	2024A-SAO-16	2x3	
domeflat.3156	ta014286_gf1	RV31	10	10:15	+15:50:01.8	+46:00:35	+00:49	1.04	2024A-SAO-16	2x3	
comp.3157	ta014286_gf1	RV31	180	10:17	+15:50:01.8	+46:00:35	+00:50	1.04	2024A-SAO-16	2x3	
ta011947_gf1_1.3158	ta011947_gf1	RV31	720	10:43	+16:19:55.9	+31:00:06	+00:47	1.01	2024A-SAO-16	2x3	
ta011947_gf1_1.3159	ta011947_gf1	RV31	720	10:55	+16:19:55.9	+31:00:06	+00:59	1.02	2024A-SAO-16	2x3	
ta011947_gf1_1.3160	ta011947_gf1	RV31	720	11:08	+16:19:55.9	+31:00:06	+01:11	1.03	2024A-SAO-16	2x3	
domeflat.3161	ta011947_gf1	RV31	10	11:23	+16:19:55.9	+31:00:06	+01:27	1.05	2024A-SAO-16	2x3	
comp.3162	ta011947_gf1	RV31	180	11:24	+16:19:55.9	+31:00:06	+01:28	1.05	2024A-SAO-16	2x3	