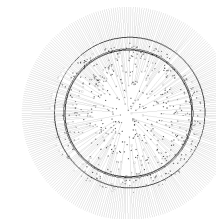
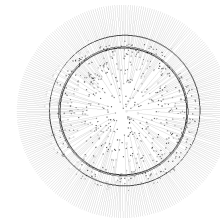
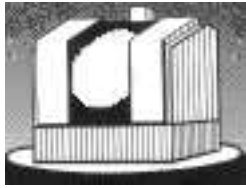
UT Date 10/23/2024 Observers SS

File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.5012	parked	RV31	0	22:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3 bias
ring250.5013	parked	RV31	0	22:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5014	parked	RV31	0	22:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5015	parked	RV31	0	22:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5016	parked	RV31	0	22:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5017	parked	RV31	0	22:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5018	parked	RV31	0	22:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5019	parked	RV31	0	22:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5020	parked	RV31	0	22:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5021	parked	RV31	0	22:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5022	parked	RV31	0	22:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
ring250.5023	parked	Na28	0	22:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Na28 2x1 bias
ring250.5024	parked	Na28	0	22:41	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5025	parked	Na28	0	22:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5026	parked	Na28	0	22:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5027	parked	Na28	0	22:43	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5028	parked	Na28	0	22:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5029	parked	Na28	0	22:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5030	parked	Na28	0	22:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5031	parked	Na28	0	22:46	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	

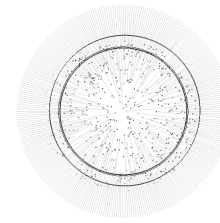
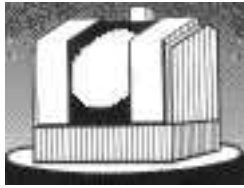
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.5032	parked	Na28	0	22:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5033	parked	Na28	0	22:47	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
ring250.5034	parked	OB37	0	22:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	OB37 2x2 bias
ring250.5035	parked	OB37	0	22:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5036	parked	OB37	0	22:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5037	parked	OB37	0	22:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5038	parked	OB37	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5039	parked	OB37	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5040	parked	OB37	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5041	parked	OB37	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5042	parked	OB37	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5043	parked	OB37	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
ring250.5044	parked	OB37	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
comp.5045	ring250	RV31	180	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	RV31 2x3
comp.5046	ring250	RV31	180	23:20	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
comp.5047	ring250	RV31	180	23:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.5048	ring250	RV31	10	23:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.5049	ring250	RV31	10	23:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.5050	ring250	RV31	10	23:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x3	
domeflat.5051	ring250	Na28	20	23:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	Na28 2x1

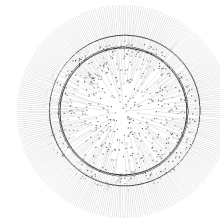
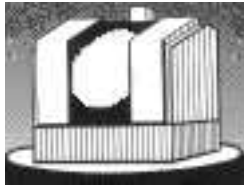


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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.5052	ring250	Na28	20	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
domeflat.5053	ring250	Na28	20	23:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.5054	ring250	Na28	240	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.5055	ring250	Na28	240	23:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.5056	ring250	Na28	240	23:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
comp.5057	ring250	OB37	300	23:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	OB37 2x2
comp.5058	ring250	OB37	300	00:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
comp.5059	ring250	OB37	300	00:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.5060	ring250	OB37	60	00:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.5061	ring250	OB37	60	00:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
domeflat.5062	ring250	OB37	60	00:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
sflat.5063	ring250	OB37	30	00:34	-01:00:00.0	-100:00:00	+00:04	1.00	calibratio n	2x2	OB37 2x2,clear,good counts
sflat.5064	ring250	OB37	25	00:36	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	2x2	
sflat.5065	ring250	OB37	30	00:37	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	2x2	
sflat.5066	ring250	OB32	30	00:40	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	2x1	OB32 2x1,counts too low
sflat.5067	ring250	OB32	45	00:41	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	2x1	Ob32 2x1,clear,10-15k counts
sflat.5068	ring250	OB32	60	00:43	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	2x1	
sflat.5069	ring250	OB32	60	00:45	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	2x1	
sflat.5071	ring250	OB21	60	00:49	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	1x1	OB21 1x1,counts too low
sflat.5072	ring250	OB21	120	00:51	-01:00:00.0	-100:00:00	+00:03	1.00	calibratio n	1x1	OB21 1x1,clear,good counts

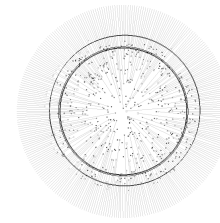
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
sflat.5073	ring250	OB21	60	00:55	-01:00:00.0	-100:00:00	+00:03	1.00	calibration	1x1	4-6k counts
sflat.5074	ring250	OB21	120	00:57	-01:00:00.0	-100:00:00	+00:03	1.00	calibration	1x1	4-6k counts
mag_003_d.1.5075	mag_003_d	RV31	660	01:43	+23:32:15.6	+12:00:15	-03:05	1.46	2024B-SAO-29	2x3	clear,WFS= 1.08"
mag_003_d.1.5076	mag_003_d	RV31	660	01:54	+23:32:15.6	+12:00:15	-02:54	1.40	2024B-SAO-29	2x3	
mag_003_d.1.5077	mag_003_d	RV31	660	02:06	+23:32:15.6	+12:00:15	-02:42	1.35	2024B-SAO-29	2x3	
domeflat.5078	mag_003_d	RV31	10	02:18	+23:32:15.1	+12:00:20	-02:30	1.30	2024B-SAO-29	2x3	
comp.5079	mag_003_d	RV31	180	02:19	+23:32:15.1	+12:00:20	-02:29	1.29	2024B-SAO-29	2x3	
mag_004_d.1.5080	mag_004_d	Na28	1200	02:43	+23:26:51.4	+08:43:47	-02:00	1.23	2024B-SAO-29	2x1	clear,WFS= 1.23"
mag_004_d.1.5081	mag_004_d	Na28	1200	03:03	+23:26:51.4	+08:43:47	-01:39	1.18	2024B-SAO-29	2x1	
mag_004_d.1.5082	mag_004_d	Na28	1200	03:24	+23:26:51.4	+08:43:47	-01:18	1.14	2024B-SAO-29	2x1	
domeflat.5083	mag_004_d	Na28	20	03:46	+23:26:51.2	+08:43:56	-00:57	1.11	2024B-SAO-29	2x1	
comp.5084	mag_004_d	Na28	240	03:47	+23:26:51.2	+08:43:56	-00:55	1.11	2024B-SAO-29	2x1	
comp.5085	mag_004_d	RV31	180	03:54	+23:26:51.2	+08:43:56	-00:48	1.10	2024B-SAO-29	2x3	RV31 2x3 (before science)
domeflat.5086	mag_004_d	RV31	10	03:58	+23:26:51.2	+08:43:56	-00:45	1.10	2024B-SAO-29	2x3	
mag_004_d.1.5087	mag_004_d	RV31	660	03:59	+23:26:51.4	+08:43:47	-00:43	1.10	2024B-SAO-29	2x3	Clear,WFS=1.2"
mag_004_d.1.5088	mag_004_d	RV31	660	04:11	+23:26:51.4	+08:43:47	-00:32	1.09	2024B-SAO-29	2x3	
mag_004_d.1.5089	mag_004_d	RV31	660	04:22	+23:26:51.4	+08:43:47	-00:20	1.08	2024B-SAO-29	2x3	
mag_003_b.1.5090	mag_003_b	RV31	720	04:51	+23:35:32.7	+10:56:05	-00:00	1.06	2024B-SAO-29	2x3	Clear,WFS=1.17"
mag_003_b.1.5091	mag_003_b	RV31	720	05:03	+23:35:32.7	+10:56:05	+00:11	1.07	2024B-SAO-29	2x3	
mag_003_b.1.5092	mag_003_b	RV31	720	05:16	+23:35:32.7	+10:56:05	+00:24	1.07	2024B-SAO-29	2x3	



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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.5093	mag_003_b	RV31	10	05:29	+23:35:33.1	+10:56:13	+00:37	1.08	2024B-SAO-29	2x3	
comp.5094	mag_003_b	RV31	180	05:30	+23:35:33.1	+10:56:13	+00:38	1.08	2024B-SAO-29	2x3	
mag_003_b.1.5095	mag_003_b	RV31	720	05:34	+23:35:32.7	+10:56:05	+00:43	1.08	2024B-SAO-29	2x3	added extra exposure for softer seeing
mag_005_b.1.5096	mag_005_b	Na28	1260	06:08	+23:44:22.8	+09:54:48	+01:07	1.11	2024B-SAO-29	2x1	Clear, WFS=1.01"
mag_005_b.1.5097	mag_005_b	Na28	1260	06:29	+23:44:22.8	+09:54:48	+01:29	1.15	2024B-SAO-29	2x1	
mag_005_b.1.5098	mag_005_b	Na28	1260	06:51	+23:44:22.8	+09:54:48	+01:51	1.20	2024B-SAO-29	2x1	seeing softer in this exp
mag_005_b.1.5099	mag_005_b	Na28	1260	07:14	+23:44:22.8	+09:54:48	+02:13	1.26	2024B-SAO-29	2x1	
domeflat.5100	mag_005_b	Na28	20	07:36	+23:44:23.3	+09:54:56	+02:36	1.34	2024B-SAO-29	2x1	
comp.5101	mag_005_b	Na28	240	07:38	+23:44:23.3	+09:54:56	+02:37	1.35	2024B-SAO-29	2x1	
comp.5102	brad_config	OB37	300	08:03	+00:57:18.4	+14:47:30	+01:50	1.15	2024B-UAO-S200	2x2	
domeflat.5103	brad_config	OB37	60	08:15	+00:57:18.4	+14:47:30	+02:02	1.18	2024B-UAO-S200	2x2	
brad_config.1.5104	brad_config	OB37	1200	08:17	+00:57:17.7	+14:47:26	+02:04	1.19	2024B-UAO-S200	2x2	Clear, WFS=1.38"
brad_config.1.5105	brad_config	OB37	1200	08:38	+00:57:17.7	+14:47:26	+02:25	1.25	2024B-UAO-S200	2x2	
brad_config.1.5106	brad_config	OB37	1200	08:58	+00:57:17.7	+14:47:26	+02:45	1.32	2024B-UAO-S200	2x2	
comp.5107	brad_config	OB37	300	09:19	+00:57:18.4	+14:47:30	+03:06	1.43	2024B-UAO-S200	2x2	
comp.5108	m81_003_b	Na28	240	09:48	+09:40:45.0	+68:54:59	-05:09	1.79	2024B-SAO-29	2x1	
m81_003_b.1.5109	m81_003_b	Na28	1200	09:53	+09:40:46.8	+68:54:59	-05:03	1.77	2024B-SAO-29	2x1	Clear, WFS=1.53"
m81_003_b.1.5110	m81_003_b	Na28	1200	10:14	+09:40:46.8	+68:54:59	-04:42	1.69	2024B-SAO-29	2x1	
m81_003_b.1.5111	m81_003_b	Na28	1200	10:34	+09:40:46.8	+68:54:59	-04:22	1.62	2024B-SAO-29	2x1	
domeflat.5112	m81_003_b	Na28	20	10:57	+09:40:45.0	+68:54:59	-03:59	1.55	2024B-SAO-29	2x1	



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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>
comp.5113	m81_003_b	Na28	240	10:58	+09:40:45.0	+68:54:59	-03:58	1.54	2024B-SA0-29	2x1	
m81_001_b_1.5115	m81_001_b	RV31	900	11:29	+10:11:57.6	+69:44:30	-03:58	1.55	2024B-SA0-29	2x3	Clear, WFS=1.5"
m81_001_b_1.5116	m81_001_b	RV31	900	11:44	+10:11:57.6	+69:44:30	-03:42	1.51	2024B-SA0-29	2x3	
m81_001_b_1.5117	m81_001_b	RV31	900	12:00	+10:11:57.6	+69:44:30	-03:27	1.48	2024B-SA0-29	2x3	
domeflat.5118	m81_001_b	RV31	10	12:18	+10:11:56.1	+69:44:24	-03:09	1.44	2024B-SA0-29	2x3	
comp.5119	m81_001_b	RV31	180	12:23	+10:11:56.1	+69:44:24	-03:04	1.43	2024B-SA0-29	2x3	
dark.5120	parked	Ca41	900	13:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.5121	parked	Ca41	900	13:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.5122	parked	Ca41	900	13:48	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.5123	parked	Ca41	900	14:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
dark.5124	parked	Ca41	900	14:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	
dark.5125	parked	Ca41	900	14:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x2	