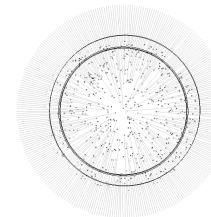




MMT OBSERVATORY HECTOCHELLE LOG



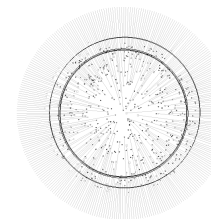
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.1080	parked	OB25	0	22:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	bias 2x1
ring250.1081	parked	OB25	0	22:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1082	parked	OB25	0	22:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1083	parked	OB25	0	22:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1084	parked	OB25	0	23:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1085	parked	OB25	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1086	parked	OB25	0	23:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1087	parked	OB25	0	23:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1088	parked	OB25	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1089	parked	OB25	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	bias 1x1
ring250.1090	parked	OB25	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1091	parked	OB25	0	23:05	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
ring250.1092	parked	RV31	0	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
ring250.1093	parked	RV31	0	23:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
ring250.1094	parked	RV31	0	23:08	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
ring250.1095	parked	RV31	0	23:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
ring250.1096	parked	RV31	0	23:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1097	ring250	OB25	270	23:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	OB25 2x1
comp.1098	ring250	OB25	270	23:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1099	ring250	OB25	270	23:22	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	



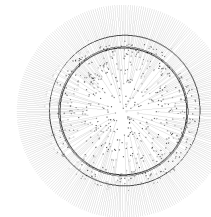
MMT OBSERVATORY HECTOHELLE LOG



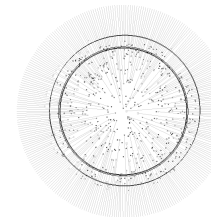
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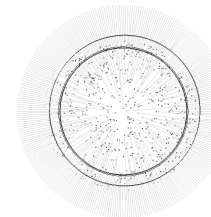
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.1100	ring250	OB25	12	23:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1101	ring250	OB25	12	23:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	need 1 more OB25 2x1, issue w/ readout
domeflat.1103	ring250	Na28	20	23:32	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1104	ring250	Na28	20	23:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1105	ring250	Na28	20	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1106	ring250	Na28	240	23:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1107	ring250	Na28	240	23:40	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1108	ring250	Na28	240	23:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1109	ring250	OB24	240	23:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	OB24 1x1
domeflat.1110	ring250	OB24	16	23:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
domeflat.1111	ring250	OB24	16	23:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
domeflat.1112	ring250	OB24	16	00:00	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
sflat.1113	ring250	RV31	45	00:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	RV31 1x1, some clouds, 15k counts
sflat.1114	ring250	RV31	50	00:09	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	thin clouds passing over, 15k counts
sflat.1115	ring250	RV31	60	00:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	10-15k counts, thin clouds
sflat.1116	ring250	OB25	60	00:15	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Thin clouds, OB25 2x1, 15-20k counts
sflat.1117	ring250	OB25	60	00:17	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	10k counts
sflat.1118	ring250	OB25	75	00:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	10k counts
sflat.1119	ring250	OB25	90	00:21	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1120	ring250	OB25	12	00:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	

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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
domeflat.1121	ring250	RV31	50	00:33	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	RV31 1x1
domeflat.1122	ring250	RV31	50	00:35	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
domeflat.1123	ring250	RV31	50	00:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1124	ring250	RV31	300	00:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1125	ring250	RV31	300	00:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1126	ring250	RV31	300	00:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1127	ring250	OB24	240	00:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1128	ring250	OB24	240	01:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1129	g70f1_faint	Na28	240	01:32	+21:25:14.9	+17:24:57	+02:14	1.19	2025B-SA0-7	2x1	
g70f1_faint_1.1130	g70f1_faint	Na28	840	01:37	+21:25:14.6	+17:24:48	+02:19	1.21	2025B-SA0-7	2x1	Partly cloudy,WFS=1.22"
g70f1_faint_1.1131	g70f1_faint	Na28	840	01:52	+21:25:14.6	+17:24:48	+02:34	1.26	2025B-SA0-7	2x1	
g70f1_faint_1.1132	g70f1_faint	Na28	840	02:06	+21:25:14.6	+17:24:48	+02:48	1.31	2025B-SA0-7	2x1	
comp.1133	g70f1_faint	Na28	240	02:23	+21:25:14.9	+17:24:57	+03:05	1.39	2025B-SA0-7	2x1	
domeflat.1134	g70f1_faint	Na28	20	02:28	+21:25:14.9	+17:24:57	+03:10	1.41	2025B-SA0-7	2x1	
comp.1135	g159f1_bright	Na28	240	02:46	+05:16:03.3	+49:30:44	-04:23	1.59	2025B-SA0-7	2x1	
g159f1_bright_2.1136	g159f1_bright	Na28	480	02:51	+05:16:04.3	+49:30:45	-04:18	1.57	2025B-SA0-7	2x1	Clear over target,partly cloudy all over,WFS=1.09"
g159f1_bright_2.1137	g159f1_bright	Na28	480	02:59	+05:16:04.3	+49:30:45	-04:09	1.52	2025B-SA0-7	2x1	
g159f1_bright_2.1138	g159f1_bright	Na28	480	03:08	+05:16:04.3	+49:30:45	-04:00	1.48	2025B-SA0-7	2x1	
comp.1139	g159f1_bright	Na28	240	03:18	+05:16:03.3	+49:30:44	-03:51	1.44	2025B-SA0-7	2x1	
domeflat.1140	g159f1_bright	Na28	20	03:23	+05:16:03.3	+49:30:44	-03:46	1.42	2025B-SA0-7	2x1	

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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.1141	g159f1_faint	Na28	240	03:39	+05:15:57.8	+49:31:34	-03:29	1.35	2025B-SAO-7	2x1	
g159f1_faint_1.1142	g159f1_faint	Na28	720	03:44	+05:15:58.7	+49:31:38	-03:24	1.34	2025B-SAO-7	2x1	Partly cloudy,WFS=0.91"
g159f1_faint_1.1143	g159f1_faint	Na28	720	03:57	+05:15:58.7	+49:31:38	-03:11	1.29	2025B-SAO-7	2x1	
g159f1_faint_1.1144	g159f1_faint	Na28	720	04:10	+05:15:58.7	+49:31:38	-02:59	1.26	2025B-SAO-7	2x1	
comp.1145	g159f1_faint	Na28	240	04:23	+05:15:57.8	+49:31:34	-02:45	1.22	2025B-SAO-7	2x1	
domeflat.1146	g159f1_faint	Na28	20	04:28	+05:15:57.8	+49:31:34	-02:40	1.21	2025B-SAO-7	2x1	
comp.1147	ic443f2_faint	Na28	240	04:45	+06:17:03.7	+22:30:24	-03:24	1.43	2025B-SAO-7	2x1	
ic443f2_faint_1.1148	ic443f2_faint	Na28	960	04:50	+06:17:04.4	+22:30:21	-03:19	1.41	2025B-SAO-7	2x1	Partly cloudy,WFS=1.88"
ic443f2_faint_1.1149	ic443f2_faint	Na28	960	05:07	+06:17:04.4	+22:30:21	-03:02	1.33	2025B-SAO-7	2x1	
ic443f2_faint_1.1150	ic443f2_faint	Na28	960	05:23	+06:17:04.4	+22:30:21	-02:45	1.26	2025B-SAO-7	2x1	
comp.1151	ic443f2_faint	Na28	240	05:42	+06:17:03.7	+22:30:24	-02:27	1.20	2025B-SAO-7	2x1	
domeflat.1152	ic443f2_faint	Na28	20	05:47	+06:17:03.7	+22:30:24	-02:22	1.19	2025B-SAO-7	2x1	
comp.1153	Dol25_F1	RV31	300	06:06	+06:45:26.9	+00:02:00	-02:31	1.48	2025B-SAO-1	1x1	
Dol25_F1_1.1154	Dol25_F1	RV31	2400	06:12	+06:45:27.1	+00:01:50	-02:24	1.45	2025B-SAO-1	1x1	Partly cloudy,WFS=1.24"
Dol25_F1_1.1155	Dol25_F1	RV31	2400	06:53	+06:45:27.1	+00:01:50	-01:43	1.30	2025B-SAO-1	1x1	
Dol25_F1_1.1156	Dol25_F1	RV31	2400	07:34	+06:45:27.1	+00:01:50	-01:02	1.22	2025B-SAO-1	1x1	
comp.1157	Dol25_F1	RV31	300	08:16	+06:45:26.9	+00:02:00	-00:21	1.18	2025B-SAO-1	1x1	
domeflat.1158	Dol25_F1	RV31	50	08:22	+06:45:26.9	+00:02:00	-00:14	1.17	2025B-SAO-1	1x1	
comp.1159	Dol25_F2	OB24	240	08:40	+06:44:47.4	+00:10:42	+00:04	1.17	2025B-SAO-1	1x1	
Dol25_F2_1.1160	Dol25_F2	OB24	2400	08:46	+06:44:47.1	+00:10:33	+00:09	1.17	2025B-SAO-1	1x1	Mostly clear,WFS=1.12"

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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>
Dol25_F2_1.1161	Dol25_F2	OB24	2400	09:27	+06:44:47.1	+00:10:33	+00:50	1.20	2025B-SAO-1	1x1	
Dol25_F2_1.1162	Dol25_F2	OB24	2400	10:08	+06:44:47.1	+00:10:33	+01:31	1.27	2025B-SAO-1	1x1	
comp.1163	Dol25_F2	OB24	240	10:49	+06:44:47.4	+00:10:42	+02:13	1.40	2025B-SAO-1	1x1	
domeflat.1164	Dol25_F2	OB24	16	10:55	+06:44:47.4	+00:10:42	+02:18	1.42	2025B-SAO-1	1x1	
comp.1165	m51_snr	OB25	270	11:12	+13:29:58.0	+47:12:57	-04:09	1.52	2025B-SAO-7	2x1	
m51_snr_1.1166	m51_snr	OB25	1200	11:18	+13:29:58.9	+47:13:00	-04:03	1.49	2025B-SAO-7	2x1	Clear, WFS=1.2"
m51_snr_1.1167	m51_snr	OB25	1200	11:38	+13:29:58.9	+47:13:00	-03:42	1.40	2025B-SAO-7	2x1	
m51_snr_1.1168	m51_snr	OB25	1200	11:59	+13:29:58.9	+47:13:00	-03:21	1.32	2025B-SAO-7	2x1	
m51_snr_1.1169	m51_snr	OB25	1200	12:20	+13:29:58.9	+47:13:00	-03:00	1.26	2025B-SAO-7	2x1	
m51_snr_1.1170	m51_snr	OB25	1200	12:40	+13:29:58.9	+47:13:00	-02:40	1.20	2025B-SAO-7	2x1	
comp.1171	m51_snr	OB25	270	13:02	+13:29:58.0	+47:12:57	-02:18	1.16	2025B-SAO-7	2x1	
domeflat.1172	m51_snr	OB25	12	13:07	+13:29:58.0	+47:12:57	-02:13	1.15	2025B-SAO-7	2x1	
dark.1173	parked	OB25	900	13:37	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.1174	parked	OB25	900	13:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.1175	parked	OB25	900	14:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.1176	parked	OB25	900	14:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.1177	parked	OB25	900	14:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.1178	parked	OB25	900	14:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.1179	parked	OB25	900	15:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	
dark.1180	parked	OB25	900	15:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	1x1	