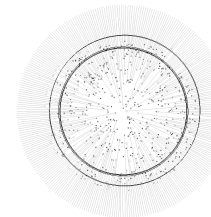




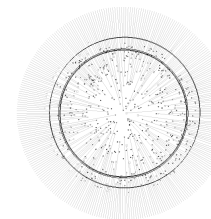
MMT OBSERVATORY HECTOCHELLE LOG



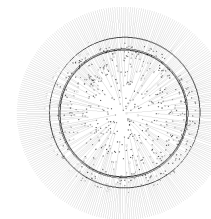
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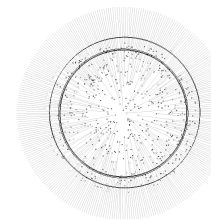
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.1185	parked	OB25	0	22:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	bias 2x1
ring250.1186	parked	OB25	0	22:51	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1187	parked	OB25	0	22:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1188	parked	OB25	0	22:52	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1189	parked	OB25	0	22:53	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1190	parked	OB25	0	22:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1191	parked	OB25	0	22:54	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1192	parked	OB25	0	22:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1193	parked	OB25	0	22:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1194	parked	OB25	0	22:56	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1195	parked	OB25	0	22:57	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
ring250.1196	ring250	OB25	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	bias 2x2
ring250.1197	ring250	OB25	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
ring250.1198	ring250	OB25	0	23:03	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
ring250.1199	ring250	OB25	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
ring250.1200	ring250	OB25	0	23:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
comp.1201	ring250	OB25	270	23:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	OB25 2x1
comp.1202	ring250	OB25	270	23:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1203	ring250	OB25	270	23:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1204	ring250	OB25	12	23:22	-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.1205	ring250	OB25	12	23:23	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1206	ring250	OB25	12	23:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1207	ring250	OB25	4	23:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	OB25 2x3
domeflat.1208	ring250	OB25	4	23:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
domeflat.1209	ring250	OB25	4	23:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
comp.1210	ring250	OB25	180	23:27	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
comp.1211	ring250	OB25	180	23:31	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
comp.1212	ring250	OB25	180	23:34	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x3	
comp.1213	ring250	Ca41	250	23:39	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Ca41 2x1
comp.1214	ring250	Ca41	250	23:44	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1215	ring250	Ca41	250	23:49	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
sflat.1216	ring250	Ca41	30	23:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Ca41 2x1, partly cloudy, 10-20k counts
sflat.1217	ring250	Ca41	40	00:01	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
sflat.1218	ring250	Ca41	50	00:02	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	clearing but still patchy clouds, good counts
domeflat.1219	ring250	Ca41	200	00:09	-01:00:00.0	-100:00:00	-00:00	1.05	calibration	2x1	
domeflat.1220	ring250	Ca41	200	00:14	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1221	ring250	Ca41	200	00:18	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1222	ring250	RV31	50	00:24	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	RV31 1x1
domeflat.1223	ring250	RV31	50	00:26	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
domeflat.1224	ring250	RV31	50	00:28	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	

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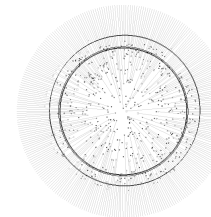
File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
comp.1225	ring250	RV31	300	00:30	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1226	ring250	RV31	300	00:36	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1227	ring250	RV31	300	00:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	1x1	
comp.1228	ring250	Na28	240	00:50	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	Na28 2x1
comp.1229	ring250	Na28	240	00:55	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
comp.1230	ring250	Na28	240	00:59	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1231	ring250	Na28	20	01:04	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1232	ring250	Na28	20	01:06	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1233	ring250	Na28	20	01:07	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x1	
domeflat.1234	ring250	OB24	5	01:10	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	OB24 2x2
domeflat.1235	ring250	OB24	5	01:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
domeflat.1236	ring250	OB24	5	01:11	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
comp.1237	ring250	OB24	180	01:12	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
comp.1238	ring250	OB24	180	01:16	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
comp.1239	ring250	OB24	180	01:19	-01:00:00.0	-100:00:00	-00:00	1.00	calibration	2x2	
ring250.1240	ring250	Ca41	0	03:09	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x2	bias 2x2
ring250.1241	ring250	Ca41	0	03:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x2	
ring250.1242	ring250	Ca41	0	03:10	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x2	
ring250.1243	ring250	Ca41	0	03:11	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x2	
ring250.1244	ring250	Ca41	0	03:11	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x2	

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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>
ring250.1245	ring250	Ca41	0	03:11	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x2	
ring250.1246	ring250	Ca41	0	03:13	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1247	ring250	Ca41	0	03:13	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1248	ring250	Ca41	0	03:13	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1249	ring250	Ca41	0	03:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1250	ring250	Ca41	0	03:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1251	ring250	Ca41	0	03:14	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1252	ring250	Ca41	0	03:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1253	ring250	Ca41	0	03:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1254	ring250	Ca41	0	03:15	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1255	ring250	Ca41	0	03:16	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	
ring250.1256	ring250	Ca41	0	03:16	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	2x3	bias 1x1
ring250.1257	ring250	Ca41	0	03:18	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1258	ring250	Ca41	0	03:19	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1259	ring250	Ca41	0	03:20	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1260	ring250	Ca41	0	03:21	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1261	ring250	Ca41	0	03:22	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1262	ring250	Ca41	0	03:23	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1263	ring250	Ca41	0	03:24	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	
ring250.1264	ring250	Ca41	0	03:25	-01:00:00.0	-100:00:00	+00:00	1.00	calibration	1x1	



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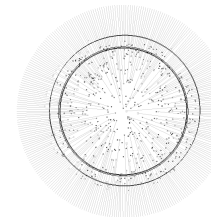
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File	Title	Filt	Exp	UT	RA	Dec	HA	Air	Prop	Bin	Comments
ring250.1265	ring250	Ca41	0	03:26	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio	1x1	
ring250.1266	ring250	Ca41	0	03:27	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio	1x1	
ring250.1267	ring250	Ca41	0	03:28	-01:00:00.0	-100:00:00	+00:00	1.00	calibratio	1x1	
comp.1268	monocerosf1_bright	Na28	240	10:14	+06:39:10.6	+06:31:48	+01:47	1.23	2025B-SA0-7	2x1	
monocerosf1_bright_1.1269	monocerosf1_bright	Na28	360	10:19	+06:39:10.4	+06:31:39	+01:52	1.24	2025B-SA0-7	2x1	Partly cloudy & clear over target w FS=1.73"
monocerosf1_bright_1.1270	monocerosf1_bright	Na28	360	10:26	+06:39:10.4	+06:31:39	+01:59	1.26	2025B-SA0-7	2x1	
monocerosf1_bright_1.1271	monocerosf1_bright	Na28	360	10:33	+06:39:10.4	+06:31:39	+02:06	1.28	2025B-SA0-7	2x1	
monocerosf1_bright_1.1272	monocerosf1_bright	Na28	360	10:39	+06:39:10.4	+06:31:39	+02:12	1.30	2025B-SA0-7	2x1	seeing softened,added exp
monocerosf1_bright_1.1273	monocerosf1_bright	Na28	360	10:46	+06:39:10.4	+06:31:39	+02:19	1.32	2025B-SA0-7	2x1	
monocerosf1_bright_1.1274	monocerosf1_bright	Na28	360	11:01	+06:39:10.4	+06:31:39	+02:34	1.39	2025B-SA0-7	2x1	
comp.1275	monocerosf1_bright	Na28	240	11:08	+06:39:10.6	+06:31:48	+02:41	1.42	2025B-SA0-7	2x1	
domeflat.1276	monocerosf1_bright	Na28	20	11:13	+06:39:10.6	+06:31:48	+02:46	1.44	2025B-SA0-7	2x1	
comp.1277	m51_snr	OB25	270	11:31	+13:29:58.0	+47:12:57	-03:45	1.41	2025B-SA0-7	2x1	
m51_snr_2.1278	m51_snr	OB25	1200	11:36	+13:29:58.9	+47:13:00	-03:40	1.39	2025B-SA0-7	2x1	Clear,WFS=0.99"
m51_snr_2.1279	m51_snr	OB25	1200	11:57	+13:29:58.9	+47:13:00	-03:19	1.32	2025B-SA0-7	2x1	
m51_snr_2.1280	m51_snr	OB25	1200	12:17	+13:29:58.9	+47:13:00	-02:59	1.25	2025B-SA0-7	2x1	
m51_snr_2.1281	m51_snr	OB25	1200	12:38	+13:29:58.9	+47:13:00	-02:38	1.20	2025B-SA0-7	2x1	
comp.1282	m51_snr	OB25	270	12:59	+13:29:58.0	+47:12:57	-02:17	1.15	2025B-SA0-7	2x1	
domeflat.1283	m51_snr	OB25	12	13:05	+13:29:58.0	+47:12:57	-02:11	1.14	2025B-SA0-7	2x1	
dark.1284	ring250	OB25	900	13:42	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio	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>
dark.1285	ring250	0B25	900	13:58	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.1286	ring250	0B25	900	14:13	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.1287	ring250	0B25	900	14:29	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	
dark.1288	ring250	0B25	900	14:45	-01:00:00.0	-100:00:00	-00:00	1.00	calibratio n	2x1	