



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-05-20 Observers P Berlind

Coll. Focus 1095 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	23:18	16:54:45.5	37:50:52	300	90	3.0	#64f Cluster I	4	
0011-0020.BIAS	0	0:53	16:54:45.5	37:50:52	300	90	3.0	#64f Cluster I	4	
0021-0030.FLAT	8	1:03	16:54:45.5	37:50:52	300	90	3.0	#64f Cluster I	4	
0031-0040.BIAS	0	1:12	16:54:45.5	37:50:52	300	90	3.0	#64f Cluster I	2	
0041-0050.FLAT	16	1:22	16:54:45.5	37:50:52	300	90	3.0	#64f Cluster I	2	
0051.sky	2	1:22	11:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of clouds to west
0052-0055.sky	2	2:30	11:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:30	11:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.Feige34	90	2:30	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0058.Feige34	90	2:30	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	2:30	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0060.N4151	30	2:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0061.N4151	30	2:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0062.COMP	5	2:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0063.N4051	120	2:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0064.N4051	120	2:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0065.COMP	5	2:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0066.MRK421	180	2:30	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0067.MRK421	180	2:30	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0068.COMP	5	2:30	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	



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0069.N3227	120	2:30	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	
0070.N3227	120	2:30	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	
0071.COMP	5	2:30	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	
0072.MRK110	360	2:30	09:25:12.9	+52:17:10	300	100	3.0	#6 AGN Monitor	4	a few clouds
0073.COMP	5	2:30	09:25:12.9	+52:17:10	300	100	3.0	#6 AGN Monitor	4	
0074.N5548	120	2:30	14:17:59.6	+25:08:12	300	100	3.0	#6 AGN Monitor	4	
0075.N5548	120	2:30	14:17:59.6	+25:08:12	300	100	3.0	#6 AGN Monitor	4	
0076.COMP	5	2:30	14:17:59.6	+25:08:12	300	100	3.0	#6 AGN Monitor	4	
0077.2M1218540p100009	300	2:30	12:18:54.0	+10:00:09	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	2:30	12:18:54.0	+10:00:09	300	90	3.0	#68 2MASS Reds	4	
0079.2M1219252p003752	240	2:30	12:19:25.2	+00:37:52	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	2:30	12:19:25.2	+00:37:52	300	90	3.0	#68 2MASS Reds	4	
0081.2M1219399p035437	240	2:30	12:19:39.9	+03:54:37	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	2:30	12:19:39.9	+03:54:37	300	90	3.0	#68 2MASS Reds	4	
0083.2M1220408p190624	210	2:30	12:20:40.8	+19:06:24	300	90	3.0	#68 2MASS Reds	4	big t-storm to west
0084.COMP	5	2:30	12:20:40.8	+19:06:24	300	90	3.0	#68 2MASS Reds	4	
0085.SN2001bq	120	2:30	14:17:40.6	-07:25:01	300	-20	3.0	#2 SN Observat	2	
0086.SN2001bq	1200	2:30	14:17:40.6	-07:25:01	300	-25	3.0	#2 SN Observat	2	
0087.COMP	10	2:30	14:17:40.6	-07:25:01	300	-25	3.0	#2 SN Observat	2	
0088.NGC5534	60	2:30	14:17:40.6	-07:25:01	300	-25	3.0	#2 SN Observat	2	



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0089.HZ44	120	2:30	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	2:30	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0091.2M1221025p190054	300	2:30	12:21:02.5	+19:00:54	300	90	3.0	#68 2MASS Reds	4	lots of lightning on guide tv
0092.COMP	5	2:30	12:21:02.5	+19:00:54	300	90	3.0	#68 2MASS Reds	4	
0093.2M1221556p063815	60	2:30	12:21:55.6	+06:38:15	300	90	3.0	#68 2MASS Reds	4	star
0094.COMP	5	2:30	12:21:55.6	+06:38:15	300	90	3.0	#68 2MASS Reds	4	
0095.2M1222245p053033	300	2:30	12:22:24.5	+05:30:33	300	90	3.0	#68 2MASS Reds	4	
0096.COMP	5	2:30	12:22:24.5	+05:30:33	300	90	3.0	#68 2MASS Reds	4	
0097.2M1222496p030615	240	2:30	12:22:49.6	+03:06:15	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	2:30	12:22:49.6	+03:06:15	300	90	3.0	#68 2MASS Reds	4	
0099.2M1222537p054929	300	2:30	12:22:53.7	+05:49:29	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	2:30	12:22:53.7	+05:49:29	300	90	3.0	#68 2MASS Reds	4	
0101.2M1223478p024826	300	2:30	12:23:47.8	+02:48:26	300	90	3.0	#68 2MASS Reds	4	clouds...
0102.COMP	5	2:30	12:23:47.8	+02:48:26	300	90	3.0	#68 2MASS Reds	4	
0103.2M1223512p182759	270	2:30	12:23:51.2	+18:27:59	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	2:30	12:23:51.2	+18:27:59	300	90	3.0	#68 2MASS Reds	4	
0105.2M1220373p121540n	300	2:30	12:20:37.3	+12:15:40	300	90	3.0	#68 2MASS Reds	4	M*
0106.2M1220373p121540s	120	2:30	12:20:37.3	+12:15:40	300	90	3.0	#68 2MASS Reds	4	M*
0107.COMP	5	2:30	12:20:37.3	+12:15:40	300	90	3.0	#68 2MASS Reds	4	
0108.2M1225033p092223	240	2:30	12:25:03.3	+09:22:23	300	90	3.0	#68 2MASS Reds	4	



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0109.COMP	5	2:30	12:25:03.3	+09:22:23	300	90	3.0	#68 2MASS Reds	4	
0110.2M1225326p073859	240	2:30	12:25:32.6	+07:38:59	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	2:30	12:25:32.6	+07:38:59	300	90	3.0	#68 2MASS Reds	4	
0112.2M1226070p174436	300	2:30	12:26:07.0	+17:44:36	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	2:30	12:26:07.0	+17:44:36	300	90	3.0	#68 2MASS Reds	4	
0114.2M1226151p095955	240	2:30	12:26:15.1	+09:59:55	300	90	3.0	#68 2MASS Reds	4	stopped by clouds
0115.COMP	5	2:30	12:26:15.1	+09:59:55	300	90	3.0	#68 2MASS Reds	4	
0116-0125.BIAS	0	9:16	12:26:19.0	+17:43:28	300	90	3.0	#68 2MASS Reds	4	
0126-0135.FLAT	8	9:19	12:26:19.0	+17:43:28	300	90	3.0	#68 2MASS Reds	4	
0136-0145.BIAS	0	9:22	12:26:19.0	+17:43:28	300	90	3.0	#68 2MASS Reds	2	
0146-0155.FLAT	16	9:27	12:26:19.0	+17:43:28	300	90	3.0	#68 2MASS Reds	2	