



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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Coll. Focus 990 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.DARK	900	22:50	23:27:39.8	+31:28:45	300	90	3.0	#64 Cluster In	4	
0059.DARK	900	23:05	05:18:39.9	+31:29:29	300	90	3.0	#64 Cluster In	4	
0060.DARK	900	23:21	05:33:50.9	+31:29:34	300	90	3.0	#64 Cluster In	4	
0061.DARK	900	23:36	05:49:04.2	+31:29:39	300	90	3.0	#64 Cluster In	4	
0062.DARK	900	23:51	06:04:14.8	+31:29:44	300	90	3.0	#64 Cluster In	4	
0063.DARK	900	0:06	06:19:28.8	+31:29:49	300	90	3.0	#64 Cluster In	4	
0064.DARK	900	0:21	06:34:42.2	+31:29:54	300	90	3.0	#64 Cluster In	4	
0065.DARK	900	0:36	06:49:55.7	+31:30:00	300	90	3.0	#64 Cluster In	4	
0066.DARK	900	0:52	07:05:06.0	+31:30:05	300	90	3.0	#64 Cluster In	4	
0067.DARK	900	1:07	07:20:20.3	+31:30:10	300	90	3.0	#64 Cluster In	4	
0068.DARK	900	1:22	07:35:33.7	+31:30:15	300	90	3.0	#64 Cluster In	2	
0069.DARK	900	1:37	07:50:48.9	+31:30:20	300	90	3.0	#64 Cluster In	2	
0070.DARK	900	1:53	08:06:06.9	+31:30:25	300	90	3.0	#64 Cluster In	2	
0071.DARK	900	2:08	08:21:25.6	+31:30:30	300	90	3.0	#64 Cluster In	2	
0072.DARK	900	2:23	08:36:44.1	+31:30:35	300	90	3.0	#64 Cluster In	2	
0073.DARK	900	2:38	08:51:59.0	+31:30:40	300	90	3.0	#64 Cluster In	2	
0074-0083.BIAS	0	2:58	08:56:52.1	+31:30:41	300	90	3.0	#64 Cluster In	4	
0084-0088.FLAT	8	3:00	08:58:34.5	+31:30:41	300	90	3.0	#64 Cluster In	4	
0089-0093.FLAT	8	3:01	09:00:16.4	+31:30:42	300	90	3.0	#64 Cluster In	4	
0094-0099.BIAS	0	3:03	09:01:36.9	+31:30:42	300	90	3.0	#64 Cluster In	2	



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0100-0103.BIAS	0	3:04	09:02:28.2	+31:30:43	300	90	3.0	#64 Cluster In	2	
0104-0113.FLAT	16	3:09	09:02:53.1	+31:30:43	300	90	3.0	#64 Cluster In	2	
0114.BXMon	15	3:21	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	4	
0115.BXMon	180	3:22	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	4	
0116.COMP	5	3:26	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	4	
0117.2MJ05034725+2712298	1200	3:30	05:03:47.2	+27:12:29	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ05034725+2712298	600	3:51	05:03:47.2	+27:12:29	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	4:02	05:03:47.2	+27:12:29	300	90	3.0	#68 2MASS Reds	4	
0120.2MJ081218.2+165849	600	4:11	08:12:18.2	+16:58:49	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	4:21	08:12:18.2	+16:58:49	300	90	3.0	#68 2MASS Reds	4	
0122.2MJ080331.1+042545	600	4:23	08:03:31.1	+04:25:45	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	4:34	08:03:31.1	+04:25:45	300	90	3.0	#68 2MASS Reds	4	
0124.2M083346.7+061237	480	4:45	8:33:46.7	+06:12:37	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	4:53	8:33:46.7	+06:12:37	300	90	3.0	#68 2MASS Reds	4	
0126.HD84937	20	4:57	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	4	
0127.HD84937	20	4:58	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	4	
0128.HD84937	20	4:58	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	4	
0129.COMP	5	4:59	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	4	
0130.HD84937	20	5:00	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	2	
0131.HD84937	20	5:01	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	2	



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0132.HD84937	20	5:01	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	2	
0133.COMP	5	5:02	09:48:56.1	13:44:39	300	39	3.0	#56 Spectropho	2	
0134.Feige34	120	5:07	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0135.COMP	5	5:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0136.Feige34	60	5:11	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0137.COMP	5	5:12	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0138.sn2004bc	1200	5:30	10:59:31.4	+75:11:28	300	-8	3.0	#2 SN Observat	2	
0139.COMP	5	5:51	10:59:31.4	+75:11:28	300	-8	3.0	#2 SN Observat	2	
0140.sn2004bc	1200	5:54	10:59:31.4	+75:11:28	300	-8	3.0	#2 SN Observat	2	
0141.COMP	5	6:14	10:59:31.4	+75:11:28	300	-8	3.0	#2 SN Observat	2	
0142.sn2004bf	1200	6:21	13:49:15.4	+35:15:12	300	90	3.0	#2 SN Observat	2	
0143.COMP	5	6:42	13:49:15.4	+35:15:12	300	90	3.0	#2 SN Observat	2	
0144.TXCVn	30	6:45	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0145.TXCVn	30	6:45	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0146.COMP	5	6:46	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0147.MRK421	300	6:48	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0148.MRK421	300	6:54	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0149.COMP	5	6:59	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0150.N4051	150	7:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0151.N4051	150	7:03	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	



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0152.N4051	150	7:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0153.COMP	5	7:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0154.2M1432074p332034	600	7:12	14:32:07.4	+33:20:34	300	90	3.0	#146 SIRTF	4	
0155.COMP	5	7:22	14:32:07.4	+33:20:34	300	90	3.0	#146 SIRTF	4	
0156.2M1432062p323127	600	7:25	14:32:06.2	+32:31:27	300	90	3.0	#146 SIRTF	4	
0157.COMP	5	7:35	14:32:06.2	+32:31:27	300	90	3.0	#146 SIRTF	4	
0158.2M1432170p333526	900	7:36	14:32:17.0	+33:35:26	300	90	3.0	#146 SIRTF	4	
0159.COMP	5	7:55	14:32:17.0	+33:35:26	300	90	3.0	#146 SIRTF	4	
0160.2M1432248p334237	1200	7:56	14:32:24.8	+33:42:37	300	90	3.0	#146 SIRTF	4	
0161.COMP	5	8:17	14:32:24.8	+33:42:37	300	90	3.0	#146 SIRTF	4	
0162.2M1432349p355750	600	8:18	14:32:34.9	+35:57:50	300	90	3.0	#146 SIRTF	4	
0163.COMP	5	8:29	14:32:34.9	+35:57:50	300	90	3.0	#146 SIRTF	4	
0164.2M1433031p331726	600	8:31	14:33:03.1	+33:17:26	300	90	3.0	#146 SIRTF	4	
0165.COMP	5	8:41	14:33:03.1	+33:17:26	300	90	3.0	#146 SIRTF	4	
0166.2M1433422p345907	480	8:43	14:33:42.2	+34:59:07	300	90	3.0	#146 SIRTF	4	
0167.COMP	5	8:51	14:33:42.2	+34:59:07	300	90	3.0	#146 SIRTF	4	
0168.2M1436412p345823	600	8:53	14:36:41.2	+34:58:23	300	90	3.0	#146 SIRTF	4	
0169.COMP	5	9:04	14:36:41.2	+34:58:23	300	90	3.0	#146 SIRTF	4	
0170.2M1437070p341850	780	9:06	14:37:07.0	+34:18:50	300	90	3.0	#146 SIRTF	4	
0171.COMP	5	9:19	14:37:07.0	+34:18:50	300	90	3.0	#146 SIRTF	4	



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0172.2M1439118p334706	480	9:20	14:39:11.8	+33:47:06	300	90	3.0	#146 SIRTF	4	
0173.COMP	5	9:29	14:39:11.8	+33:47:06	300	90	3.0	#146 SIRTF	4	
0174.2M1438430p354919	480	9:36	14:38:43.0	+35:49:19	300	90	3.0	#146 SIRTF	4	
0175.COMP	5	9:45	14:38:43.0	+35:49:19	300	90	3.0	#146 SIRTF	4	
0176.2M1440130p340956	300	9:46	14:40:13.0	+34:09:56	300	90	3.0	#146 SIRTF	4	
0177.COMP	5	9:51	14:40:13.0	+34:09:56	300	90	3.0	#146 SIRTF	4	
0178.2M1439512p344707	420	9:53	14:39:51.2	+34:47:07	300	90	3.0	#146 SIRTF	4	
0179.COMP	5	10:00	14:39:51.2	+34:47:07	300	90	3.0	#146 SIRTF	4	
0180.2M1440185p324604	480	10:02	14:40:18.5	+32:46:04	300	90	3.0	#146 SIRTF	4	
0181.COMP	5	10:12	14:40:18.5	+32:46:04	300	90	3.0	#146 SIRTF	4	
0182.2M1440397p352520	540	10:14	14:40:39.7	+35:25:20	300	90	3.0	#146 SIRTF	4	
0183.COMP	5	10:23	14:40:39.7	+35:25:20	300	90	3.0	#146 SIRTF	4	
0184.2M1441425p331809	540	10:25	14:41:42.5	+33:18:09	300	90	3.0	#146 SIRTF	4	
0185.COMP	5	10:43	14:41:42.5	+33:18:09	300	90	3.0	#146 SIRTF	4	
0186.2M172359.1+081501	300	10:47	17:23:59.1	+08:15:01	300	90	3.0	#68 2MASS Reds	4	
0187.COMP	5	10:52	17:23:59.1	+08:15:01	300	90	3.0	#68 2MASS Reds	4	
0188.2M17354023-0702097	900	10:57	17:35:40.2	-07:02:09	300	50	3.0	#68 2MASS Reds	4	
0189.COMP	5	11:13	17:35:40.2	-07:02:09	300	50	3.0	#68 2MASS Reds	4	
0190.2M17354023-0702097	1200	11:14	17:35:40.2	-07:02:09	300	50	3.0	#68 2MASS Reds	4	
0191.COMP	5	11:35	17:35:40.2	-07:02:09	300	50	3.0	#68 2MASS Reds	4	



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0192.2M17425020-0943265	900	11:38	17:42:50.2	-09:43:26	300	90	3.0	#68 2MASS Reds	4	
0193.COMP	5	11:54	17:42:50.2	-09:43:26	300	90	3.0	#68 2MASS Reds	4	
0194.N5548	150	11:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0195.N5548	150	12:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0196.N5548	150	12:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0197.COMP	5	12:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0198-0207.BIAS	0	12:36	14:17:59.6	+25:08:12	300	90	3.0	#68 2MASS Reds	4	
0208-0217.FLAT	8	12:39	14:17:59.6	+25:08:12	300	90	3.0	#68 2MASS Reds	4	
0218-0227.BIAS	0	12:41	14:17:59.6	+25:08:12	300	90	3.0	#68 2MASS Reds	2	
0228-0237.FLAT	16	12:47	14:17:59.6	+25:08:12	300	90	3.0	#68 2MASS Reds	2	
0238-0247.DARK	900	15:21	14:17:59.6	+25:08:12	300	90	3.0	#68 2MASS Reds	4	
0248-0251.DARK	900	16:22	14:17:59.6	+25:08:12	300	90	3.0	#68 2MASS Reds	2	