



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2004-06-22 Observers Adams

Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	3:37	21:58:46.8	30:49:16	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	3:41	21:58:46.8	30:49:16	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	3:43	21:58:46.8	30:49:16	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	16	3:49	21:58:46.8	30:49:16	300	90	3.0	#56 Spectropho	2	
0041.N5866	180	4:05	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0042.N5866	180	4:08	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	Clouds - retook
0043.COMP	5	4:12	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0044.N5866	360	4:17	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0045.N4051	150	4:32	12:03:09.7	+44:31:53	300	93	3.0	#6 AGN Monitor	4	
0046.N4051	150	4:35	12:03:09.7	+44:31:53	300	93	3.0	#6 AGN Monitor	4	
0047.COMP	150	4:38	12:03:09.7	+44:31:53	300	93	3.0	#6 AGN Monitor	4	Crashed on comp-retaking
0048.COMP	5	4:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0049.N4051	150	4:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0050.N4051	150	4:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0051.N4051	150	5:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0052.COMP	5	5:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0053.N4151	30	5:07	12:10:32.6	+39:24:21	300	83	3.0	#6 AGN Monitor	4	
0054.N4151	30	5:08	12:10:32.6	+39:24:21	300	83	3.0	#6 AGN Monitor	4	
0055.COMP	5	5:09	12:10:32.6	+39:24:21	300	83	3.0	#6 AGN Monitor	4	
0056.MRK279	40	5:15	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	Bad file



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0057.MRK279	120	5:16	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0058.MRK279	120	5:18	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0059.COMP	5	5:20	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0060.N5548	150	5:25	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	
0061.N5548	150	5:28	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	
0062.N5548	150	5:30	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	
0063.COMP	5	5:34	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	
0064.BDp262606	12	5:37	14:49:02.3	+25:42:09	300	68	3.0	#56 Spectropho	2	
0065.BDp262606	12	5:38	14:49:02.3	+25:42:09	300	68	3.0	#56 Spectropho	2	
0066.BDp262606	12	5:38	14:49:02.3	+25:42:09	300	68	3.0	#56 Spectropho	2	
0067.COMP	10	5:39	14:49:02.3	+25:42:09	300	68	3.0	#56 Spectropho	2	
0068.BDp332642	90	5:48	15:50:03.0	33:05:49	300	99	3.0	#56 Spectropho	2	
0069.BDp332642	90	5:50	15:50:03.0	33:05:49	300	99	3.0	#56 Spectropho	2	
0070.COMP	10	5:52	15:50:03.0	33:05:49	300	99	3.0	#56 Spectropho	2	
0071.c0252	900	6:01	16:05:43.0	15:48:53	300	24	3.0	#64 Cluster In	2	
0072.COMP	10	6:17	16:05:43.0	15:48:53	300	24	3.0	#64 Cluster In	2	
0073.c0254	900	6:21	16:04:47.5	16:11:05	300	36	3.0	#64 Cluster In	2	
0074.COMP	10	6:37	16:04:47.5	16:11:05	300	36	3.0	#64 Cluster In	2	
0075.sn2004ao	1200	6:49	17:28:09.3	+07:24:55	300	-1	3.0	#2 SN Observat	2	No tilt change
0076.COMP	10	7:09	17:28:09.3	+07:24:55	300	-1	3.0	#2 SN Observat	2	



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0077.c0255	800	7:15	16:04:52.9	16:12:20	300	90	3.0	#64 Cluster In	2	
0078.COMP	10	7:29	16:04:52.9	16:12:20	300	90	3.0	#64 Cluster In	2	
0079.c0256	800	7:31	16:07:32.8	16:12:50	300	90	3.0	#64 Cluster In	2	
0080.COMP	10	7:46	16:07:32.8	16:12:50	300	90	3.0	#64 Cluster In	2	
0081.RSOph	10	7:50	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0082.RSOph	60	7:50	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0083.RSOph	150	7:52	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0084.COMP	10	7:55	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0085.YYHer	10	7:57	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0086.YYHer	60	7:58	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0087.COMP	10	8:00	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0088.2M204638.7+363154	900	8:24	20:46:38.7	+36:31:54	300	90	3.0	#68 2MASS Reds	2	Row 86
0089.COMP	10	8:41	20:46:38.7	+36:31:54	300	90	3.0	#68 2MASS Reds	2	
0090.2M204756.5+275912	900	8:45	20:47:56.5	+27:59:12	300	110	3.0	#68 2MASS Reds	2	Row 85
0091.COMP	10	9:02	20:47:56.5	+27:59:12	300	110	3.0	#68 2MASS Reds	2	
0092.2M204754.2+573550	900	9:08	20:47:54.2	+57:35:50	300	90	3.0	#68 2MASS Reds	2	
0093.2M204754.2+573550	900	9:25	20:47:54.2	+57:35:50	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	10	9:41	20:47:54.2	+57:35:50	300	90	3.0	#68 2MASS Reds	2	
0095.MRK509	300	9:48	20:44:09.8	-10:43:24	300	-6	3.0	#6 AGN Monitor	4	
0096.MRK509	300	9:53	20:44:09.8	-10:43:24	300	-6	3.0	#6 AGN Monitor	4	



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0097.COMP	5	9:59	20:44:09.8	-10:43:24	300	-6	3.0	#6 AGN Monitor	4	
0098.Akn564	180	10:07	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	4	
0099.Akn564	180	10:10	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	4	
0100.COMP	5	10:14	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	4	
0101.N7469	120	10:17	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	4	
0102.N7469	120	10:20	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	4	
0103.COMP	5	10:22	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	4	
0104.BDp284211	120	10:28	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0105.BDp284211	120	10:30	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0106.COMP	10	10:33	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0107.HD192281	5	10:36	20:10:46.8	40:07:01	300	110	3.0	#56 Spectropho	2	
0108.HD192281	5	10:36	20:10:46.8	40:07:01	300	110	3.0	#56 Spectropho	2	
0109.HD192281	5	10:36	20:10:46.8	40:07:01	300	110	3.0	#56 Spectropho	2	
0110.COMP	10	10:38	20:10:46.8	40:07:01	300	110	3.0	#56 Spectropho	2	
0111.ZAnd	2	10:45	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0112.ZAnd	10	10:45	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0113.ZAnd	60	10:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0114.COMP	10	10:48	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0115-0124.BIAS	0	10:52	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	4	
0125-0134.FLAT	8	10:55	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	4	



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0135-0144.BIAS	0	10:58	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	2	
0145-0154.FLAT	16	11:03	23:33:40	48:49:06	300	90	3.0	#68 2MASS Reds	2	
0155-0159.sky	10	11:43	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0160.COMP	10	11:44	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0161-0170.DARK	900	14:06	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0171-0180.DARK	900	16:39	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	