



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG



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UT Date 2004-06-09 Observers Calkins

Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	7:46	17:33:50.8	+31:30:11	300	90	3.0	#56 Spectropho	4	
0011-0012.FLAT	6	7:46	17:34:50.4	+31:30:11	300	90	3.0	#56 Spectropho	4	
0013-0020.FLAT	6	7:48	17:36:32.4	+31:30:10	300	90	3.0	#56 Spectropho	4	
0021-0025.BIAS	0	7:50	17:38:02.0	+31:30:10	300	90	3.0	#56 Spectropho	2	
0026-0030.BIAS	0	7:51	17:39:05.7	+31:30:09	300	90	3.0	#56 Spectropho	2	
0031-0035.FLAT	12	7:53	17:41:09.1	+31:30:09	300	90	3.0	#56 Spectropho	2	
0036-0040.FLAT	12	7:55	17:43:11.8	+31:30:08	300	90	3.0	#56 Spectropho	2	
0041.BDp332642	60	8:00	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0042.COMP	12	8:01	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0043.3C390.3	300	8:06	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0044.3C390.3	300	8:11	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0045.3C390.3	300	8:16	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0046.COMP	12	8:22	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0047.TCrB	15	8:24	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0048.TCrB	60	8:24	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0049.COMP	12	8:26	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0050.AGDra	2	8:27	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0051.AGDra	15	8:28	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0052.AGDra	45	8:28	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0053.COMP	12	8:30	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	



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0054.DracoC1	1200	8:31	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0055.COMP	12	8:51	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0056.RSOph	10	8:54	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0057.RSOph	60	8:54	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0058.RSOph	150	8:55	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0059.COMP	12	8:58	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0060.YYHer	10	9:00	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0061.YYHer	60	9:00	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0062.COMP	12	9:02	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0063.V443Her	5	9:03	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0064.V443Her	45	9:03	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0065.V443Her	90	9:04	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0066.COMP	12	9:07	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0067.BFCyg	1	9:08	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0068.BFCyg	60	9:09	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0069.COMP	12	9:10	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0070.CHCyg	1	9:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0071.CHCyg	5	9:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0072.CHCyg	30	9:13	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	9:14	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	



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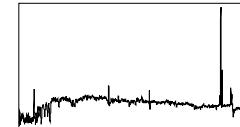
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0074.CICyg	2	9:15	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0075.CICyg	20	9:16	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0076.CICyg	60	9:17	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	9:18	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0078.2M191032.4+272036	480	9:46	19:10:32.4	+27:20:36	300	90	3.0	#68 2MASS Reds	2	row=71
0079.COMP	12	9:55	19:10:32.4	+27:20:36	300	90	3.0	#68 2MASS Reds	2	
0080.2M192723.3+364517	600	9:57	19:27:23.3	+36:45:17	300	90	3.0	#68 2MASS Reds	2	
0081.COMP	12	10:07	19:27:23.3	+36:45:17	300	90	3.0	#68 2MASS Reds	2	
0082.2M193616.9+262043	1200	10:09	19:36:16.9	+26:20:43	300	90	3.0	#68 2MASS Reds	2	row=73
0083.2M193616.9+262043	1200	10:31	19:36:16.9	+26:20:43	300	90	3.0	#68 2MASS Reds	2	
0084.COMP	12	10:51	19:36:16.9	+26:20:43	300	90	3.0	#68 2MASS Reds	2	
0085.2M200119.4+375600	900	10:57	20:1:19.4	+37:56:0	300	90	3.0	#68 2MASS Reds	2	
0086.COMP	12	11:12	20:1:19.4	+37:56:0	300	90	3.0	#68 2MASS Reds	2	
0087.BDp284211	60	11:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0088.BDp284211	60	11:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0089.COMP	12	11:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0090-0099.BIAS	0	11:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0100-0109.FLAT	6	11:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0110-0119.BIAS	0	11:38	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0120-0129.FLAT	12	11:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	



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0130-0139.DARK	900	14:00	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	