



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG

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UT Date 2005-10-26 Observers M Modjaz

Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:49	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	0:52	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	0:55	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0031-0051.FLAT	16	1:05	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0052.FineFoc	60	1:36	20:01:52.4	31:39:17	300	90	3.0	#56 Spectropho	1	seeing 1.8 arcsec focus 236
0053.BFCyg	1	1:46	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0054.BFCyg	60	1:47	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	1:48	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0056.CH Cyg	1	1:51	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0057.CH Cyg	5	1:52	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0058.CH Cyg	30	1:52	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0059.COMP	10	1:53	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0060.CICyg	2	1:55	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0061.CICyg	20	1:55	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0062.CICyg	60	1:56	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	1:58	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0064.PUVul	1	2:01	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0065.PUVul	10	2:01	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0066.PUVul	60	2:02	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	2:03	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	



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0068.MRK509	180	2:06	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0069.MRK509	180	2:09	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	10	2:13	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0071.BDp284211	90	2:23	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0072.BDp284211	90	2:27	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0073.COMP	10	2:30	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0074.BDp284211	45	2:59	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0075.BDp284211	45	3:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0076.COMP	5	3:01	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0077.BDp174708	45	3:05	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	2	
0078.BDp174708	45	3:06	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	2	
0079.COMP	10	3:07	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	2	
0080.BDp174708	25	3:08	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	4	
0081.BDp174708	25	3:08	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	4	
0082.COMP	5	3:09	22:11:31.4	18:05:33	300	-10	3.0	#56 Spectropho	4	
0083.N7331	180	3:13	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0084.COMP	10	3:16	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0085.N7331	180	3:17	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0086.COMP	5	3:21	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0087.Akn564	180	3:30	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	



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0088.Akn564	180	3:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	10	3:39	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0090.ZAnd	2	3:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0091.ZAnd	10	3:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0092.ZAnd	60	3:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0093.COMP	10	3:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0094.RAqr	0	3:47	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0095.RAqr	1	3:47	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0096.RAqr	5	3:48	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0097.RAqr	10	3:48	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0098.COMP	10	3:49	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0099.158m213	400	3:52	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0100.COMP	10	4:00	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0101.158m213	300	4:01	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0102.COMP	5	4:07	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0103.sn2005el	1800	11:43	05:11:48.7	+05:11:39	300	45	3.0	#2 SN Observat	2	had to close for 6 hrs b/c of humidity
0104.COMP	10	12:19	05:11:48.7	+05:11:39	300	45	3.0	#2 SN Observat	2	
0105.BXMon	15	12:26	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0106.BXMon	180	12:27	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0107.COMP	10	12:31	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.N3227	150	12:37	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0109.N3227	150	12:40	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0110.COMP	10	12:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0111-0120.BIAS	0	12:50	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0121-0130.FLAT	8	12:54	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0131-0140.BIAS	0	12:56	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0141-0161.FLAT	16	13:06	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	
0162-0166.DARK	900	14:14	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	4	
0167-0171.DARK	900	15:30	10:23:30.6	+19:51:54	300	90	3.0	#12 Symbiotic	2	