



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2005-05-07 Observers W. Brown

Coll. Focus 1035 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:07	04:42:10.8	+31:29:11	300	90	3.0	#56 Spectropho	4	
0002.COMP	5	21:08	04:43:07.3	+31:29:11	300	90	3.0	#56 Spectropho	4	
0003.fastfoc	10	21:11	04:46:22.7	+31:29:12	300	90	3.0	#56 Spectropho	4	focus 1035
0004.fastfoc	10	21:11	04:46:44.1	+31:29:12	300	90	3.0	#56 Spectropho	4	
0005.fastfoc	10	21:12	04:47:05.5	+31:29:12	300	90	3.0	#56 Spectropho	4	
0006.fastfoc	10	21:12	04:47:23.2	+31:29:13	300	90	3.0	#56 Spectropho	4	
0007.fastfoc	10	21:12	04:47:44.7	+31:29:13	300	90	3.0	#56 Spectropho	4	
0008.fastfoc	10	21:13	04:48:02.5	+31:29:13	300	90	3.0	#56 Spectropho	4	
0009.fastfoc	10	21:13	04:48:23.8	+31:29:13	300	90	3.0	#56 Spectropho	4	
0010.fastfoc	10	21:13	04:48:45.2	+31:29:13	300	90	3.0	#56 Spectropho	4	
0011.fastfoc	10	21:14	04:49:02.9	+31:29:13	300	90	3.0	#56 Spectropho	4	
0012.fastfoc	10	21:14	04:49:24.3	+31:29:13	300	90	3.0	#56 Spectropho	4	
0013.fastfoc	10	21:14	04:49:41.9	+31:29:13	300	90	3.0	#56 Spectropho	4	
0014.DARK	900	21:24	05:14:03.2	+31:29:23	300	90	3.0	#56 Spectropho	4	x5
0015.DARK	900	21:39	05:29:14.3	+31:29:29	300	90	3.0	#56 Spectropho	4	
0016.DARK	900	21:54	05:44:29.0	+31:29:35	300	90	3.0	#56 Spectropho	4	
0017.DARK	900	22:09	05:59:40.3	+31:29:42	300	90	3.0	#56 Spectropho	4	
0018.DARK	900	22:24	06:14:51.6	+31:29:48	300	90	3.0	#56 Spectropho	4	
0019.DARK	900	22:39	06:30:06.5	+31:29:55	300	90	3.0	#56 Spectropho	2	x5
0020.DARK	900	22:55	06:45:22.3	+31:30:01	300	90	3.0	#56 Spectropho	2	



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0021.DARK	900	23:10	07:00:41.4	+31:30:08	300	90	3.0	#56 Spectropho	2	
0022.DARK	900	23:25	07:16:00.4	+31:30:14	300	90	3.0	#56 Spectropho	2	
0023.DARK	900	23:40	07:31:15.9	+31:30:21	300	90	3.0	#56 Spectropho	2	
0024.BIAS	0	1:49	09:25:03.6	+31:31:03	300	90	3.0	#56 Spectropho	2	x10
0025-0032.BIAS	0	1:51	09:26:43.3	+31:31:03	300	90	3.0	#56 Spectropho	2	
0033.BIAS	0	1:51	09:26:56.4	+31:31:04	300	90	3.0	#56 Spectropho	2	
0034.FLAT	16	1:53	09:29:32.5	+31:31:04	300	90	3.0	#56 Spectropho	2	x20
0035-0041.FLAT	16	1:57	09:33:00.8	+31:31:05	300	90	3.0	#56 Spectropho	2	
0042-0048.FLAT	16	2:00	09:36:20.2	+31:31:06	300	90	3.0	#56 Spectropho	2	
0049-0053.FLAT	16	2:02	09:38:39.4	+31:31:07	300	90	3.0	#56 Spectropho	2	
0054.BIAS	0	2:04	09:40:05.7	+31:31:08	300	90	3.0	#56 Spectropho	4	x10
0055-0063.BIAS	0	2:05	09:41:06.7	+31:31:08	300	90	3.0	#56 Spectropho	4	
0064.FLAT	8	2:06	09:42:07.3	+31:31:08	300	90	3.0	#56 Spectropho	4	x10
0065-0067.FLAT	8	2:07	09:43:16.9	+31:31:08	300	90	3.0	#56 Spectropho	4	
0068-0073.FLAT	8	2:08	09:44:44.0	+31:31:09	300	90	3.0	#56 Spectropho	4	
0074.SKYFLAT	1	2:18	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	x10 start 8 min after sunset
0075.SKYFLAT	2	2:20	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0076.SKYFLAT	2	2:20	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0077.SKYFLAT	2	2:21	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0078.SKYFLAT	3	2:21	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	



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0079.SKYFLAT	3	2:22	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0080.SKYFLAT	3	2:22	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0081.SKYFLAT	4	2:23	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0082.SKYFLAT	5	2:23	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0083.SKYFLAT	6	2:24	10:0:0	31:30:0	300	90	3.0	#56 Spectropho	4	
0084.HD84937	10	3:05	09:48:54.8	13:45:13	300	25	3.0	#56 Spectropho	4	
0085.COMP	5	3:09	09:48:54.8	13:45:13	300	25	3.0	#56 Spectropho	4	8:05pm
0086.HD84937	20	3:10	09:48:54.8	13:45:13	300	25	3.0	#56 Spectropho	2	
0087.COMP	10	3:10	09:48:54.8	13:45:13	300	25	3.0	#56 Spectropho	2	
0088.Feige34	240	3:14	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0089.COMP	10	3:18	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0090.Feige34	120	3:19	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0091.COMP	5	3:21	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0092.N3377	180	3:23	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0093.COMP	5	3:26	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0094.N3227	150	3:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0095.N3227	150	3:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0096.COMP	5	3:32	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0097.sn2005bf	1200	3:35	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	
0098.COMP	10	3:55	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	



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0099.115354+50430	900	3:58	11:56:28.6	+50:25:46	300	20	3.0	#84f Updated Z	4	
0100.COMP	5	4:13	11:56:28.6	+50:25:46	300	20	3.0	#84f Updated Z	4	
0101.1291_08	900	4:16	11:32:42.4	56:15:04	300	90	3.0	#64 Cluster an	4	
0102.COMP	5	4:32	11:32:42.4	56:15:04	300	90	3.0	#64 Cluster an	4	
0103.1291_09	900	4:33	11:29:48.6	56:16:15	300	90	3.0	#64 Cluster an	4	
0104.COMP	5	4:48	11:29:48.6	56:16:15	300	90	3.0	#64 Cluster an	4	
0105.1291_10	1080	4:49	11:30:14.3	56:20:18	300	90	3.0	#64 Cluster an	4	
0106.COMP	5	5:07	11:30:14.3	56:20:18	300	90	3.0	#64 Cluster an	4	
0107.1291_11	810	5:08	11:29:34.7	56:22:36	300	90	3.0	#64 Cluster an	4	
0108.COMP	5	5:22	11:29:34.7	56:22:36	300	90	3.0	#64 Cluster an	4	
0109.1291_12	900	5:23	11:31:55.7	56:23:09	300	90	3.0	#64 Cluster an	4	
0110.COMP	5	5:38	11:31:55.7	56:23:09	300	90	3.0	#64 Cluster an	4	
0111.1291_13	1200	5:39	11:33:4.5	56:24:19	300	90	3.0	#64 Cluster an	4	
0112.COMP	5	6:00	11:33:4.5	56:24:19	300	90	3.0	#64 Cluster an	4	
0113.1291_14	1200	6:01	11:30:46.8	56:24:55	300	90	3.0	#64 Cluster an	4	
0114.COMP	5	6:21	11:30:46.8	56:24:55	300	90	3.0	#64 Cluster an	4	
0115.1291_15	1080	6:23	11:32:13.5	56:26:30	300	90	3.0	#64 Cluster an	4	
0116.COMP	5	6:41	11:32:13.5	56:26:30	300	90	3.0	#64 Cluster an	4	
0117.1291_16	720	6:42	11:31:12.9	56:27:04	300	90	3.0	#64 Cluster an	4	
0118.COMP	5	6:54	11:31:12.9	56:27:04	300	90	3.0	#64 Cluster an	4	



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0119.1291_17	1020	6:55	11:30:40.8	56:29:10	300	90	3.0	#64 Cluster an	4	
0120.COMP	5	7:12	11:30:40.8	56:29:10	300	90	3.0	#64 Cluster an	4	
0121.1291_18	1020	7:13	11:31:7.2	56:31:29	300	90	3.0	#64 Cluster an	4	
0122.COMP	5	7:30	11:31:7.2	56:31:29	300	90	3.0	#64 Cluster an	4	
0123.1291_19	1200	7:31	11:30:58.0	56:31:45	300	90	3.0	#64 Cluster an	4	obj in center of slit
0124.COMP	5	7:52	11:30:58.0	56:31:45	300	90	3.0	#64 Cluster an	4	
0125.N4051	150	7:53	12:03:09.7	+44:31:53	300	90	3.0	#2 SN Observat	4	
0126.N4051	150	7:55	12:03:09.7	+44:31:53	300	90	3.0	#2 SN Observat	4	
0127.COMP	5	7:58	12:03:09.7	+44:31:53	300	90	3.0	#2 SN Observat	4	
0128.sn2005az	1200	8:00	13:05:46.9	+27:44:08	300	73	3.0	#2 SN Observat	2	
0129.COMP	10	8:21	13:05:46.9	+27:44:08	300	73	3.0	#2 SN Observat	2	
0130.N5548	150	8:22	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0131.N5548	150	8:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0132.N5548	150	8:28	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0133.COMP	5	8:30	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0134.MRK279	120	8:32	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0135.MRK279	120	8:34	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0136.COMP	5	8:36	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0137.DracoC1	1200	8:38	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	
0138.COMP	5	8:58	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0139.RSOph	10	9:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0140.RSOph	60	9:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0141.RSOph	150	9:02	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0142.COMP	5	9:05	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0143.145218+00500	1800	9:07	14:54:53.3	+00:38:23	300	90	3.0	#84f Updated Z	4	
0144.COMP	5	9:37	14:54:53.3	+00:38:23	300	90	3.0	#84f Updated Z	4	
0145.150406+09380	1440	9:39	15:06:32.4	+09:27:00	300	90	3.0	#84f Updated Z	4	clouds getting heavier; but this has emission lines
0146.COMP	5	10:03	15:06:32.4	+09:27:00	300	90	3.0	#84f Updated Z	4	
0147.sn2004et	1500	10:45	20:35:25.4	60:07:17	300	50	3.0	#2 SN Observat	2	
0148.COMP	10	11:11	20:35:25.4	60:07:17	300	50	3.0	#2 SN Observat	2	purged this too
0149.BIAS	0	11:14	20:35:25.4	60:07:17	300	50	3.0	#84f Updated Z	2	x10
0150-0158.BIAS	0	11:16	20:35:25.4	60:07:17	300	50	3.0	#84f Updated Z	2	
0159.BIAS	0	11:17	20:35:25.4	60:07:17	300	50	3.0	#84f Updated Z	4	x10
0160-0168.BIAS	0	11:18	20:35:25.4	60:07:17	300	50	3.0	#84f Updated Z	4	