



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 13361

UT Date 2005-05-09 Observers W. Brown

Coll. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:17	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	4	x8
0002-0008.DARK	900	23:03	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	4	
0009.DARK	900	23:19	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	2	x6
0010-0014.DARK	900	0:35	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	2	
0015.FLAT	16	1:08	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	2	x20
0016-0034.FLAT	16	1:18	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	2	
0035.BIAS	0	1:19	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	2	x10
0036-0044.BIAS	0	1:20	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	2	
0045.FLAT	8	1:22	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	4	x10
0046-0054.FLAT	8	1:24	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	4	
0055.BIAS	0	1:26	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	4	x10
0056-0064.BIAS	0	1:27	21:51:11.1	28:51:53	300	90	3.0	#57 Standards	4	
0065.skyflat	10	2:21	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	x5
0066.skyflat	12	2:21	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0067.skyflat	15	2:21	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0068.skyflat	18	2:22	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0069.skyflat	20	2:23	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0070.N4151	30	3:00	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0071.N4151	30	3:01	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0072.COMP	5	3:02	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 13362

UT Date 2005-05-09 Observers W. Brown

Coll. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.N4051	150	3:03	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0074.N4051	150	3:05	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0075.COMP	5	3:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0076.HD84937	10	3:11	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	4	
0077.COMP	5	3:11	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	4	
0078.HD84937	20	3:11	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0079.COMP	10	3:12	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0080.sn2005am	1200	3:14	09:16:12.4	-16:18:16	300	30	3.0	#2 SN Observat	2	obj is faint spectrum, north side
0081.COMP	10	3:34	09:16:12.4	-16:18:16	300	30	3.0	#2 SN Observat	2	
0082.sn2005bf	1200	3:36	10:23:57.2	-03:11:28	300	30	3.0	#6 AGN Monitor	2	
0083.COMP	10	3:56	10:23:57.2	-03:11:28	300	30	3.0	#6 AGN Monitor	2	
0084.N3227	150	3:58	10:23:30.6	+19:51:54	300	30	3.0	#6 AGN Monitor	2	
0085.N3227	150	4:01	10:23:30.6	+19:51:54	300	30	3.0	#6 AGN Monitor	2	
0086.COMP	10	4:03	10:23:30.6	+19:51:54	300	30	3.0	#6 AGN Monitor	2	
0087.MRK421	300	4:06	11:04:27.4	+38:12:32	300	110	3.0	#6 AGN Monitor	2	
0088.MRK421	300	4:11	11:04:27.4	+38:12:32	300	110	3.0	#6 AGN Monitor	2	
0089.COMP	10	4:16	11:04:27.4	+38:12:32	300	110	3.0	#6 AGN Monitor	2	
0090.sn2005az	1200	4:19	13:05:46.9	+27:44:08	300	110	3.0	#2 SN Observat	2	
0091.COMP	10	4:39	13:05:46.9	+27:44:08	300	110	3.0	#2 SN Observat	2	
0092.MRK279	120	4:41	13:51:53.6	69:33:13	300	110	3.0	#6 AGN Monitor	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 13363

UT Date 2005-05-09 Observers W. Brown

Coll. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0093.MRK279	120	4:43	13:51:53.6	69:33:13	300	110	3.0	#6 AGN Monitor	2	
0094.COMP	10	4:45	13:51:53.6	69:33:13	300	110	3.0	#6 AGN Monitor	2	
0095.N5548	150	4:47	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0096.N5548	150	4:50	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0097.N5548	150	4:53	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0098.COMP	10	4:55	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0099.Feige34	210	4:58	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0100.COMP	10	5:02	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0101.Feige34	90	5:02	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	4	
0102.COMP	5	5:04	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	4	
0103.Feige34	60	5:07	10:39:36.8	43:06:10	300	105	5.0	#56 Spectropho	4 5	
0104.Feige34	60	5:08	10:39:36.8	43:06:10	300	105	5.0	#56 Spectropho	4 5	
0105.Feige34	60	5:09	10:39:36.8	43:06:10	300	105	5.0	#56 Spectropho	4 5	
0106.COMP	5	5:11	10:39:36.8	43:06:10	300	105	5.0	#56 Spectropho	4 5	
0107.FLAT	5	5:11	10:39:36.8	43:06:10	300	105	5.0	#56 Spectropho	4 5	
0108-0116.FLAT	5	5:13	10:39:36.8	43:06:10	300	105	5.0	#56 Spectropho	4	
0117.FLAT	28	5:18	10:39:36.8	43:06:10	600	99	2.0	#56 Spectropho	4	x10; changing to 6001 and 2
0118-0126.FLAT	28	5:23	10:39:36.8	43:06:10	600	99	2.0	#56 Spectropho	4	
0127.Feige34	210	5:24	10:39:36.8	43:06:10	600	99	2.0	#56 Spectropho	4	
0128.COMP	10	5:28	10:39:36.8	43:06:10	600	99	2.0	#56 Spectropho	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 13364

UT Date 2005-05-09 Observers W. Brown

Coll. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0129.hss356	900	5:30	14:50:54.4	50:42:39	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	5:46	14:50:54.4	50:42:39	600	90	2.0	#122 Halo Star	4	
0131.hss357	900	5:47	14:51:51.6	50:39:13	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	6:02	14:51:51.6	50:39:13	600	90	2.0	#122 Halo Star	4	
0133.hss358	960	6:03	14:52:02.1	50:28:05	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	6:19	14:52:02.1	50:28:05	600	90	2.0	#122 Halo Star	4	
0135.hss359	780	6:20	14:52:25.9	49:35:47	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	6:33	14:52:25.9	49:35:47	600	90	2.0	#122 Halo Star	4	
0137.hss360	780	6:34	14:54:45.2	49:28:22	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	6:47	14:54:45.2	49:28:22	600	90	2.0	#122 Halo Star	4	
0139.hss361	540	6:48	14:55:39.5	50:24:21	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	6:57	14:55:39.5	50:24:21	600	90	2.0	#122 Halo Star	4	
0141.hs2723	510	6:58	15:00:12.5	59:34:37	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	7:07	15:00:12.5	59:34:37	600	90	2.0	#122 Halo Star	4	
0143.hss321	1680	7:08	15:29:56.1	49:46:08	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	7:36	15:29:56.1	49:46:08	600	90	2.0	#122 Halo Star	4	
0145.hss327	1500	7:38	15:36:53.9	49:59:42	600	90	2.0	#122 Halo Star	4	
0146.COMP	10	8:03	15:36:53.9	49:59:42	600	90	2.0	#122 Halo Star	4	
0147.grb	1200	8:09	12:36:13.6	28:58:58	600	90	2.0	#126 GRB	4	GRB galaxy; very faint
0148.COMP	10	8:29	12:36:13.6	28:58:58	600	90	2.0	#126 GRB	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 13365

UT Date 2005-05-09 Observers W. Brown

Coll. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0149.hss370	900	8:31	15:32:22.7	49:56:45	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	8:47	15:32:22.7	49:56:45	600	90	2.0	#122 Halo Star	4	
0151.hss371	900	8:47	15:32:23.3	50:16:58	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	9:03	15:32:23.3	50:16:58	600	90	2.0	#122 Halo Star	4	
0153.hss372	1020	9:04	15:37:34.4	49:49:39	600	90	2.0	#122 Halo Star	4	
0154.COMP	10	9:21	15:37:34.4	49:49:39	600	90	2.0	#122 Halo Star	4	
0155.hss373	960	9:22	15:46:36.9	49:49:28	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	9:39	15:46:36.9	49:49:28	600	90	2.0	#122 Halo Star	4	
0157.hss375	1020	9:39	15:49:04.8	49:17:35	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	9:57	15:49:04.8	49:17:35	600	90	2.0	#122 Halo Star	4	
0159.hss379	1800	9:58	16:01:49.5	49:05:23	600	90	2.0	#122 Halo Star	4	
0160.COMP	10	10:28	16:01:49.5	49:05:23	600	90	2.0	#122 Halo Star	4	
0161.hss382	1140	10:29	16:08:49.8	50:36:33	600	90	2.0	#122 Halo Star	4	
0162.COMP	10	10:48	16:08:49.8	50:36:33	600	90	2.0	#122 Halo Star	4	
0163.hss381	990	10:50	16:08:47.4	49:58:20	600	90	2.0	#122 Halo Star	4	
0164.COMP	10	11:07	16:08:47.4	49:58:20	600	90	2.0	#122 Halo Star	4	
0165.hss376	840	11:08	15:49:10.2	49:52:16	600	90	2.0	#122 Halo Star	4	
0166.COMP	10	11:22	15:49:10.2	49:52:16	600	90	2.0	#122 Halo Star	4	
0167.RSOph	150	11:30	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	300 line grating
0168.RSOph	60	11:33	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 13366

UT Date 2005-05-09 Observers W. BrownColl. Focus 1075 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0169.RSOph	10	11:34	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0170.COMP	5	11:34	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0171.FLAT	8	11:35	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	x10
0172-0180.FLAT	8	11:37	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	