



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9858

UT Date 2001-12-05 Observers P Berlind

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:45	20:31:13.0	31:29:56	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	22:45	20:46:21.0	31:29:54	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	22:45	21:01:32.0	31:29:52	300	90	3.0	#6 AGN Monitor	4	
0004.DARK	900	22:45	21:16:44.0	31:29:50	300	90	3.0	#6 AGN Monitor	4	
0005.DARK	900	22:45	21:31:51.0	31:29:49	300	90	3.0	#6 AGN Monitor	4	
0006.DARK	900	22:45	21:47:02.0	31:29:47	300	90	3.0	#6 AGN Monitor	4	
0007.DARK	900	22:45	22:02:10.0	31:29:46	300	90	3.0	#6 AGN Monitor	4	
0008.DARK	900	22:45	22:17:21.0	31:29:45	300	90	3.0	#6 AGN Monitor	4	
0009.DARK	900	22:45	22:32:29.0	31:29:44	300	90	3.0	#6 AGN Monitor	4	
0010.DARK	900	22:45	22:47:40.0	31:29:43	300	90	3.0	#6 AGN Monitor	4	
0011.BIAS	0	22:45	23:48:24.0	31:29:42	300	90	3.0	#6 AGN Monitor	4	fog
0012-0020.BIAS	0	2:17	23:49:33.0	31:29:42	300	90	3.0	#6 AGN Monitor	4	
0021-0030.FLAT	8	2:20	23:52:31.0	31:29:42	300	90	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	2:23	23:54:50.0	31:29:42	300	90	3.0	#6 AGN Monitor	2	
0041.FLAT	16	2:23	23:55:25.0	31:29:42	300	90	3.0	#6 AGN Monitor	2	clearing after storm
0042-0050.FLAT	16	2:27	23:59:49.0	31:29:42	300	90	3.0	#6 AGN Monitor	2	
0051.a168_183	600	2:27	01:03:12.6	-0:17:55	300	60	3.0	#64 Cluster In	4	
0052.COMP	5	2:27	01:03:12.6	-0:17:55	300	60	3.0	#64 Cluster In	4	
0053.a168_189	900	2:27	01:21:59.0	-2:35:44	300	60	3.0	#64 Cluster In	4	
0054.COMP	5	2:27	01:21:59.0	-2:35:44	300	60	3.0	#64 Cluster In	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9859

UT Date 2001-12-05 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0055.ZAnd	1	2:27	23:33:40	48:49:06	300	60	3.0	#12 Symbiotic	4	
0056.ZAnd	3	2:27	23:33:40	48:49:06	300	60	3.0	#12 Symbiotic	4	
0057.ZAnd	5	2:27	23:33:40	48:49:06	300	60	3.0	#12 Symbiotic	4	
0058.ZAnd	30	2:27	23:33:40	48:49:06	300	60	3.0	#12 Symbiotic	4	
0059.ZAnd	30	2:27	23:33:40	48:49:06	300	60	3.0	#12 Symbiotic	4	
0060.COMP	5	2:27	23:33:40	48:49:06	300	60	3.0	#12 Symbiotic	4	close; fog
0061.M32	30	2:27	00:39:58	+40:35:30	300	60	3.0	#57 Velocity S	4	
0062.M32	30	2:27	00:39:58	+40:35:30	300	60	3.0	#57 Velocity S	4	
0063.COMP	5	2:27	00:39:58	+40:35:30	300	60	3.0	#57 Velocity S	4	
0064.163m217	420	2:27	00:40:33.3	+41:11:20	300	60	3.0	#57 Velocity S	4	
0065.COMP	5	2:27	00:40:33.3	+41:11:20	300	60	3.0	#57 Velocity S	4	
0066.a168_192	1200	2:27	01:15:30.0	3:28:12	300	60	3.0	#64 Cluster In	4	
0067.COMP	5	2:27	01:15:30.0	3:28:12	300	60	3.0	#64 Cluster In	4	
0068.a168_198	900	2:27	01:25:19.2	2:51:01	300	60	3.0	#64 Cluster In	4	bright sky
0069.COMP	5	2:27	01:25:19.2	2:51:01	300	60	3.0	#64 Cluster In	4	
0070.a168_202	1200	2:27	01:20:14.4	-3:14:59	300	60	3.0	#64 Cluster In	4	
0071.COMP	5	2:27	01:20:14.4	-3:14:59	300	60	3.0	#64 Cluster In	4	
0072.2M025211.4p473606	300	2:27	02:52:11.4	+47:36:06	300	60	3.0	#68 2MASS Reds	4	poor seeing
0073.COMP	5	2:27	02:52:11.4	+47:36:06	300	60	3.0	#68 2MASS Reds	4	
0074.2M025216.7p523455	600	2:27	02:52:16.7	+52:34:55	300	60	3.0	#68 2MASS Reds	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9860

UT Date 2001-12-05 Observers P Berlind

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0075.COMP	5	2:27	02:52:16.7	+52:34:55	300	60	3.0	#68 2MASS Reds	4	
0076.2M025411.9p515204	600	2:27	02:54:11.9	+51:52:04	300	60	3.0	#68 2MASS Reds	4	
0077.COMP	5	2:27	02:54:11.9	+51:52:04	300	60	3.0	#68 2MASS Reds	4	
0078.2M030131.2p602913	420	2:27	03:01:31.2	+60:29:13	300	60	3.0	#68 2MASS Reds	4	
0079.COMP	5	2:27	03:01:31.2	+60:29:13	300	60	3.0	#68 2MASS Reds	4	
0080.2M030241.3p642054	600	2:27	03:02:41.3	+64:20:54	300	60	3.0	#68 2MASS Reds	4	
0081.COMP	5	2:27	03:02:41.3	+64:20:54	300	60	3.0	#68 2MASS Reds	4	
0082.2M030248.2p744022	420	2:27	03:02:48.2	+74:40:22	300	60	3.0	#68 2MASS Reds	4	
0083.COMP	5	2:27	03:02:48.2	+74:40:22	300	60	3.0	#68 2MASS Reds	4	
0084.2M030330.3p743954	360	2:27	03:03:30.3	+74:39:54	300	60	3.0	#68 2MASS Reds	4	
0085.COMP	5	2:27	03:03:30.3	+74:39:54	300	60	3.0	#68 2MASS Reds	4	
0086.2M030555.4p541558	360	2:27	03:05:55.4	+54:15:58	300	60	3.0	#68 2MASS Reds	4	
0087.COMP	5	2:27	03:05:55.4	+54:15:58	300	60	3.0	#68 2MASS Reds	4	
0088.2M030649.1p543518	600	2:27	03:06:49.1	+54:35:18	300	60	3.0	#68 2MASS Reds	4	
0089.COMP	5	2:27	03:06:49.1	+54:35:18	300	60	3.0	#68 2MASS Reds	4	
0090.2M030936.2p713828	600	2:27	03:09:36.2	+71:38:28	300	60	3.0	#68 2MASS Reds	4	seeing > 3-sec
0091.COMP	5	2:27	03:09:36.2	+71:38:28	300	60	3.0	#68 2MASS Reds	4	
0092.Akn120	240	2:27	05:13:38.0	-00:12:15	300	10	3.0	#6 AGN Monitor	4	
0093.COMP	5	2:27	05:13:38.0	-00:12:15	300	10	3.0	#6 AGN Monitor	4	
0094.sn2001gc	1200	2:27	05:55:26.1	+51:54:34	300	0	3.0	#2 SN Observat	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9861

UT Date 2001-12-05 Observers P Berlind

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0095.COMP	10	2:27	05:55:26.1	+51:54:34	300	0	3.0	#2 SN Observat	2	
0096.2M031730.1p723913	720	2:27	03:17:30.1	+72:39:13	300	0	3.0	#68 2MASS Reds	4	
0097.COMP	5	2:27	03:17:30.1	+72:39:13	300	0	3.0	#68 2MASS Reds	4	
0098.2M031813.5p664942	600	2:27	03:18:13.5	+66:49:42	300	0	3.0	#68 2MASS Reds	4	
0099.COMP	5	2:27	03:18:13.5	+66:49:42	300	0	3.0	#68 2MASS Reds	4	
0100.2M032022.1p664505	600	2:27	03:20:22.1	+66:45:05	300	0	3.0	#68 2MASS Reds	4	seeing a little better
0101.COMP	5	2:27	03:20:22.1	+66:45:05	300	0	3.0	#68 2MASS Reds	4	
0102.Hiltner600	60	2:27	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0103.Hiltner600	60	2:27	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0104.COMP	10	2:27	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0105.2M032356.8p375705	240	2:27	03:23:56.8	+37:57:05	300	0	3.0	#68 2MASS Reds	4	
0106.COMP	5	2:27	03:23:56.8	+37:57:05	300	0	3.0	#68 2MASS Reds	4	
0107.BGGem	1200	2:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0108.BGGem	300	2:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0109.COMP	10	2:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0110.2M043525.0p324804	900	2:27	04:35:25.0	+32:48:04	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	2:27	04:35:25.0	+32:48:04	300	90	3.0	#68 2MASS Reds	4	
0112.2M043533.7p182045	300	2:27	04:35:33.7	+18:20:45	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	2:27	04:35:33.7	+18:20:45	300	90	3.0	#68 2MASS Reds	4	
0114.2M043630.4p732537	480	2:27	04:36:30.4	+73:25:37	300	90	3.0	#68 2MASS Reds	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9862

UT Date 2001-12-05 Observers P Berlind

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0115.COMP	5	2:27	04:36:30.4	+73:25:37	300	90	3.0	#68 2MASS Reds	4	
0116.2M051832.1p510651	420	2:27	05:18:32.1	+51:06:51	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	2:27	05:18:32.1	+51:06:51	300	90	3.0	#68 2MASS Reds	4	
0118.2M051940.7p484121	420	2:27	05:19:40.7	+48:41:21	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	2:27	05:19:40.7	+48:41:21	300	90	3.0	#68 2MASS Reds	4	
0120.2M052140.6p490719	420	2:27	05:21:40.6	+49:07:19	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	2:27	05:21:40.6	+49:07:19	300	90	3.0	#68 2MASS Reds	4	
0122.2M053255.8p552335	420	2:27	05:32:55.8	+55:23:35	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	2:27	05:32:55.8	+55:23:35	300	90	3.0	#68 2MASS Reds	4	
0124.2M053533.8p405758	480	2:27	05:35:33.8	+40:57:58	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	2:27	05:35:33.8	+40:57:58	300	90	3.0	#68 2MASS Reds	4	
0126.2M054035.2p461222	660	2:27	05:40:35.2	+46:12:22	300	90	3.0	#68 2MASS Reds	4	
0127.COMP	5	2:27	05:40:35.2	+46:12:22	300	90	3.0	#68 2MASS Reds	4	
0128.2M054819.8p414446	600	2:27	05:48:19.8	+41:44:46	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	2:27	05:48:19.8	+41:44:46	300	90	3.0	#68 2MASS Reds	4	
0130.2M054822.9p384138	660	2:27	05:48:22.9	+38:41:38	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	2:27	05:48:22.9	+38:41:38	300	90	3.0	#68 2MASS Reds	4	
0132.2M054833.0p501835	660	2:27	05:48:33.0	+50:18:35	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	5	2:27	05:48:33.0	+50:18:35	300	90	3.0	#68 2MASS Reds	4	
0134.2M055959.6p604629	720	2:27	05:59:59.6	+60:46:29	300	90	3.0	#68 2MASS Reds	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9863

UT Date 2001-12-05 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0135.COMP	5	2:27	05:59:59.6	+60:46:29	300	90	3.0	#68 2MASS Reds	4	
0136.Feige34	120	2:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0137.Feige34	120	2:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0138.COMP	10	2:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0139.N4051	120	2:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0140.N4051	120	2:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0141.COMP	5	2:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0142.N4486B	300	2:27	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	patchy clouds @ twilight
0143.COMP	5	2:27	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0144-0153.BIAS	0	12:41	12:30:32	+12:29:25	300	90	3.0	#100 BGGem	4	
0154-0163.FLAT	8	12:44	12:30:32	+12:29:25	300	90	3.0	#100 BGGem	4	
0164-0173.BIAS	0	12:46	12:30:32	+12:29:25	300	90	3.0	#100 BGGem	2	
0174-0183.FLAT	16	12:51	12:30:32	+12:29:25	300	90	3.0	#100 BGGem	2	
0184-0193.DARK	1200	15:53	12:30:32	+12:29:25	300	90	3.0	#100 BGGem	2	