



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10606

UT Date 2002-07-07 Observers P Berlind

Coll. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	2:32	14:08:03.0	31:30:52	300	90	3.0	#68 2MASS Reds	4	
0011-0020.FLAT	8	2:35	14:10:43.0	31:30:52	300	90	3.0	#68 2MASS Reds	4	
0021-0030.BIAS	0	2:37	14:12:58.0	31:30:52	300	90	3.0	#68 2MASS Reds	2	
0031-0040.FLAT	16	2:42	14:17:45.0	31:30:52	300	90	3.0	#68 2MASS Reds	2	
0041.a2199k_005	240	3:39	16:37:35.5	44:20:41	300	90	3.0	#64 Cluster In	4	ugh weak
0042.COMP	5	3:43	16:37:35.5	44:20:41	300	90	3.0	#64 Cluster In	4	
0043.a2199k_005	360	3:44	16:37:35.5	44:20:41	300	90	3.0	#64 Cluster In	4	yikes still weak but ok on the em
0044.COMP	5	3:51	16:37:35.5	44:20:41	300	90	3.0	#64 Cluster In	4	
0045.a2199k_007	480	3:54	16:18:12.3	41:28:29	300	90	3.0	#64 Cluster In	4	
0046.COMP	5	4:02	16:18:12.3	41:28:29	300	90	3.0	#64 Cluster In	4	
0047.a2199k_009	480	4:03	16:06:01.9	38:28:38	300	90	3.0	#64 Cluster In	4	
0048.COMP	5	4:12	16:06:01.9	38:28:38	300	90	3.0	#64 Cluster In	4	
0049.a2199k_010	360	4:13	16:28:58.3	42:49:41	300	90	3.0	#64 Cluster In	4	
0050.COMP	5	4:20	16:28:58.3	42:49:41	300	90	3.0	#64 Cluster In	4	
0051.a2199k_011	1200	4:20	16:24:35.2	40:15:20	300	90	3.0	#64 Cluster In	4	
0052.COMP	5	4:41	16:24:35.2	40:15:20	300	90	3.0	#64 Cluster In	4	
0053.a2199k_012	600	4:42	16:49:21.6	41:51:31	300	90	3.0	#64 Cluster In	4	
0054.COMP	5	4:53	16:49:21.6	41:51:31	300	90	3.0	#64 Cluster In	4	
0055.a2199k_014	600	4:54	16:47:34.0	43:38:22	300	90	3.0	#64 Cluster In	4	
0056.COMP	5	5:05	16:47:34.0	43:38:22	300	90	3.0	#64 Cluster In	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10607

UT Date 2002-07-07 Observers P Berlind

Coll. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.a2199k_015	720	5:06	16:54:55.5	37:28:35	300	90	3.0	#64 Cluster In	4	
0058.COMP	5	5:18	16:54:55.5	37:28:35	300	90	3.0	#64 Cluster In	4	
0059.a2199k_016	900	5:19	16:57:12.5	39:20:17	300	90	3.0	#64 Cluster In	4	
0060.COMP	5	5:35	16:57:12.5	39:20:17	300	90	3.0	#64 Cluster In	4	
0061.a2199k_017	1200	5:41	16:17:55.2	35:37:21	300	90	3.0	#64 Cluster In	4	
0062.COMP	5	6:03	16:17:55.2	35:37:21	300	90	3.0	#64 Cluster In	4	
0063.id2043	480	6:06	20:05:33.6	35:37:56	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	6:15	20:05:33.6	35:37:56	300	90	3.0	#115 PMS NGC68	4	
0065.id2495	600	6:16	20:04:17.8	35:55:43	300	90	3.0	#115 PMS NGC68	4	
0066.COMP	5	6:27	20:04:17.8	35:55:43	300	90	3.0	#115 PMS NGC68	4	I noticed henear lines are not steady
0067.COMP	5	6:28	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	after some tests, I found that the grating cover was not latche
0068.COMP	5	6:29	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	
0069.COMP	5	6:30	17:00:00	20:00:00	300	90	3.0	#115 PMS NGC68	4	
0070.COMP	5	6:31	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	
0071.COMP	5	6:32	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	
0072.COMP	5	6:33	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	
0073.id2577	480	6:34	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	
0074.COMP	5	6:43	20:04:01.7	35:49:55	300	90	3.0	#115 PMS NGC68	4	
0075.HD192281	5	6:44	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0076.HD192281	5	6:45	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10608

UT Date 2002-07-07 Observers P Berlind

Coll. Focus 980 Grating/Grism 300

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0077.HD192281	5	6:45	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0078.COMP	5	6:46	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0079.HD192281	10	6:49	20:10:46.8	40:07:01	300	90	1.5	#56 Spectropho	2	1.5-sec slit
0080.HD192281	10	6:50	20:10:46.8	40:07:01	300	90	1.5	#56 Spectropho	2	
0081.COMP	10	6:50	20:10:46.8	40:07:01	300	90	1.5	#56 Spectropho	2	
0082.V4641Sgr	1200	6:54	18:19:21.6	-25:24:26	300	10	1.5	#65 X-Ray Nova	2	tv camera flopping around, smearing autoguider!
0083.COMP	10	7:14	18:19:21.6	-25:24:26	300	10	1.5	#65 X-Ray Nova	2	
0084.BDp284211	120	7:22	21:48:57.1	28:37:48	300	100	1.5	#56 Spectropho	2	
0085.COMP	10	7:25	21:48:57.1	28:37:48	300	100	1.5	#56 Spectropho	2	
0086-0095.FLAT	30	7:33	19:00:00	32:00:00	300	90	1.5	#56 Spectropho	2	
0096.BIAS	0	7:35	19:00:00	32:00:00	300	90	3.0	#56 Spectropho	4	
0097.id2878	600	7:36	19:58:35.3	35:22:59	300	90	3.0	#115 PMS NGC68	4	3-sec slit, combo
0098.COMP	5	7:47	19:58:35.3	35:22:59	300	90	3.0	#115 PMS NGC68	4	
0099.id2944	600	7:48	19:58:03.1	35:14:43	300	90	3.0	#115 PMS NGC68	4	
0100.COMP	5	7:58	19:58:03.1	35:14:43	300	90	3.0	#115 PMS NGC68	4	
0101.id1786	480	7:59	20:06:04.0	35:53:34	300	90	3.0	#115 PMS NGC68	4	
0102.COMP	5	8:08	20:06:04.0	35:53:34	300	90	3.0	#115 PMS NGC68	4	
0103.id1826	600	8:08	20:06:00.7	35:41:29	300	90	3.0	#115 PMS NGC68	4	
0104.COMP	5	8:18	20:06:00.7	35:41:29	300	90	3.0	#115 PMS NGC68	4	
0105.id2157	720	8:19	20:05:19.3	35:56:02	300	90	3.0	#115 PMS NGC68	4	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10609

UT Date 2002-07-07 Observers P Berlind

Coll. Focus 980 Grating/Grism 300

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0106.COMP	5	8:32	20:05:19.3	35:56:02	300	90	3.0	#115 PMS NGC68	4	
0107.id2773	480	8:33	19:59:13.3	35:24:15	300	90	3.0	#115 PMS NGC68	4	
0108.COMP	5	8:41	19:59:13.3	35:24:15	300	90	3.0	#115 PMS NGC68	4	
0109.id2842	480	8:42	19:58:47.8	35:04:45	300	90	3.0	#115 PMS NGC68	4	
0110.COMP	5	8:50	19:58:47.8	35:04:45	300	90	3.0	#115 PMS NGC68	4	
0111.id1027	480	8:51	20:07:32.3	35:44:50	300	90	3.0	#115 PMS NGC68	4	
0112.COMP	5	8:59	20:07:32.3	35:44:50	300	90	3.0	#115 PMS NGC68	4	
0113.id1176	600	9:00	20:07:18.8	35:50:50	300	90	3.0	#115 PMS NGC68	4	
0114.COMP	5	9:13	20:07:18.8	35:50:50	300	90	3.0	#115 PMS NGC68	4	
0115.id1375	600	9:13	20:06:56.6	35:51:31	300	90	3.0	#115 PMS NGC68	4	
0116.COMP	5	9:24	20:06:56.6	35:51:31	300	90	3.0	#115 PMS NGC68	4	
0117.id1430	360	9:25	20:06:50.4	35:44:54	300	90	3.0	#115 PMS NGC68	4	
0118.COMP	5	9:31	20:06:50.4	35:44:54	300	90	3.0	#115 PMS NGC68	4	
0119.id1775	600	9:32	20:06:05.2	35:50:27	300	90	3.0	#115 PMS NGC68	4	
0120.COMP	5	9:42	20:06:05.2	35:50:27	300	90	3.0	#115 PMS NGC68	4	
0121.id1967	600	9:43	20:05:46.6	35:52:34	300	90	3.0	#115 PMS NGC68	4	
0122.COMP	5	9:53	20:05:46.6	35:52:34	300	90	3.0	#115 PMS NGC68	4	
0123.BDp284211	90	9:55	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0124.BDp284211	90	9:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0125.COMP	10	9:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10610

UT Date 2002-07-07 Observers P Berlind

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0126.sn2002dl	1200	10:03	22:20:53.9	+33:17:33	300	90	3.0	#2 SN Observat	2	
0127.COMP	10	10:23	22:20:53.9	+33:17:33	300	90	3.0	#2 SN Observat	2	
0128.shtr37_2.1-398	600	10:25	21:39:36.0	57:20:17	300	90	3.0	#89 Herbig Ae/	4	
0129.COMP	5	10:36	21:39:36.0	57:20:17	300	90	3.0	#89 Herbig Ae/	4	
0130.shtr37_2.1-1732	600	10:37	21:39:56.0	57:27:32	300	90	3.0	#89 Herbig Ae/	4	
0131.COMP	5	10:47	21:39:56.0	57:27:32	300	90	3.0	#89 Herbig Ae/	4	
0132.sn2002ap	1200	10:50	01:36:23.8	+15:45:13	300	-40	3.0	#2 SN Observat	2	
0133.COMP	10	11:11	01:36:23.8	+15:45:13	300	-40	3.0	#2 SN Observat	2	
0134.N7331	180	11:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0135.COMP	5	11:15	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0136-0145.BIAS	0	11:19	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0146.FLAT	8	11:20	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	clear @ dawn
0147-0155.FLAT	8	11:22	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0156-0165.BIAS	0	11:25	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0166-0175.FLAT	16	11:29	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0176-0185.DARK	900	13:47	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0186-0195.DARK	900	16:19	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0196.DARK	900	18:33	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	