



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-12-21 Observers Lucas Macri

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	22:48	21:22:25.0	31:29:52	300	90	3.0	none	2	
0011-0017.FLAT	12	22:51	21:25:28.0	31:29:52	300	90	3.0	none	2	
0018-0020.FLAT	12	22:52	21:26:49.0	31:29:51	300	90	3.0	none	2	
0021.DARK	900	22:52	21:44:14.0	31:29:49	300	90	3.0	none	2	
0022.DARK	900	22:52	21:59:30.0	31:29:48	300	90	3.0	none	2	
0023.DARK	900	22:52	22:14:46.0	31:29:47	300	90	3.0	none	2	
0024-0025.DARK	900	23:55	22:45:14.0	31:29:45	300	90	3.0	none	2	
0026.sky	25	23:55	20:22:00	31:29:13	0	25	25.0	#57 Radial Vel	2	
0027.sky	30	23:55	20:22:00	31:29:13	0	30	30.0	#57 Radial Vel	2	
0028-0029.sky	30	0:55	20:22:00	31:29:13	300	90	3.0	#57 Radial Vel	2	
0030.sky	45	0:55	20:22:00	31:29:13	300	90	3.0	#57 Radial Vel	2	
0031.COMP	12	0:55	20:22:00	31:29:13	300	90	3.0	#57 Radial Vel	2	
0032.BDp284211	30	0:55	21:48:57.1	28:37:48	300	90	3.0	#57 Radial Vel	2	
0033.BDp284211	30	0:55	21:48:57.1	28:37:48	300	90	3.0	#57 Radial Vel	2	
0034.COMP	12	0:55	21:48:57.1	28:37:48	300	90	3.0	#57 Radial Vel	2	
0035.2MJ0200172p410739	600	0:55	02:00:17.2	+41:07:39	300	90	3.0	#68 2MASS Reds	2	
0036.COMP	12	0:55	02:00:17.2	+41:07:39	300	90	3.0	#68 2MASS Reds	2	
0037.2MJ0200454p464827	900	0:55	02:00:45.4	+46:48:27	300	90	3.0	#68 2MASS Reds	2	two components
0038.COMP	12	0:55	02:00:45.4	+46:48:27	300	90	3.0	#68 2MASS Reds	2	
0039.2MJ0201573p461502	900	0:55	02:01:57.3	+46:15:02	300	90	3.0	#68 2MASS Reds	2	



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0040.COMP	12	0:55	02:01:57.3	+46:15:02	300	90	3.0	#68 2MASS Reds	2	
0041.2MJ0204534p350855	900	0:55	02:04:53.4	+35:08:55	300	90	3.0	#68 2MASS Reds	2	
0042.COMP	12	0:55	02:04:53.4	+35:08:55	300	90	3.0	#68 2MASS Reds	2	
0043.2MJ0213164p440247	900	0:55	02:13:16.4	+44:02:47	300	90	3.0	#68 2MASS Reds	2	
0044.COMP	12	0:55	02:13:16.4	+44:02:47	300	90	3.0	#68 2MASS Reds	2	
0045.2MJ0214005p511356	900	0:55	02:14:00.5	+51:13:56	300	90	3.0	#68 2MASS Reds	2	
0046.COMP	12	0:55	02:14:00.5	+51:13:56	300	90	3.0	#68 2MASS Reds	2	
0047.2MJ0310217p082907	900	0:55	03:10:21.7	+08:29:07	300	90	3.0	#68 2MASS Reds	2	
0048.COMP	12	0:55	03:10:21.7	+08:29:07	300	90	3.0	#68 2MASS Reds	2	
0049.2MJ0323408p152607	900	0:55	03:23:40.8	+15:26:07	300	90	3.0	#68 2MASS Reds	2	
0050.COMP	12	0:55	03:23:40.8	+15:26:07	300	90	3.0	#68 2MASS Reds	2	
0051.2MJ0326353p091104	900	0:55	03:26:35.3	+09:11:04	300	90	3.0	#68 2MASS Reds	2	
0052.COMP	12	0:55	03:26:35.3	+09:11:04	300	90	3.0	#68 2MASS Reds	2	
0053.2MJ0327163p115651	900	0:55	03:27:16.3	+11:56:51	300	90	3.0	#68 2MASS Reds	2	
0054.COMP	12	0:55	03:27:16.3	+11:56:51	300	90	3.0	#68 2MASS Reds	2	
0055.2MJ0419458p353034	900	0:55	04:19:45.8	+35:30:34	300	90	3.0	#68 2MASS Reds	2	
0056.COMP	12	0:55	04:19:45.8	+35:30:34	300	90	3.0	#68 2MASS Reds	2	
0057.17tau	0	0:55	03:41:54.5	23:57:12	0	0	0.2	none	2	
0058.17tauneb	60	0:55	3:41:54.0	23:57:28	0	60	60.0	none	2	
0059.17tau	0	0:55	3:41:54.5	23:57:12	0	0	0.2	none	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	12	0:55	3:41:54.5	23:57:12	300	90	3.0	#68 2MASS Reds	2	
0061.2MJ0421294p365655	600	0:55	04:21:29.4	+36:56:55	300	90	3.0	#68 2MASS Reds	2	
0062.COMP	12	0:55	04:21:29.4	+36:56:55	300	90	3.0	#68 2MASS Reds	2	
0063.2MJ0421142p355519	600	0:55	04:21:14.2	+35:55:19	300	90	3.0	#68 2MASS Reds	2	
0064.COMP	12	0:55	04:21:14.2	+35:55:19	300	90	3.0	#68 2MASS Reds	2	
0065.2MJ0421204p354415	900	0:55	04:21:20.4	+35:44:15	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	12	0:55	04:21:20.4	+35:44:15	300	90	3.0	#68 2MASS Reds	2	
0067.2MJ0421393p361726	900	0:55	04:21:39.3	+36:17:26	300	90	3.0	#68 2MASS Reds	2	
0068.COMP	12	0:55	04:21:39.3	+36:17:26	300	90	3.0	#68 2MASS Reds	2	
0069.2MJ0421492p365201	600	0:55	04:21:49.2	+36:52:01	300	90	3.0	#68 2MASS Reds	2	
0070.COMP	12	0:55	04:21:49.2	+36:52:01	300	90	3.0	#68 2MASS Reds	2	
0071.2MJ0422562p362431	900	0:55	04:22:56.2	+36:24:31	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	0:55	04:22:56.2	+36:24:31	300	90	3.0	#68 2MASS Reds	2	
0073.2MJ0423122p362337	900	0:55	04:23:12.2	+36:23:37	300	90	3.0	#68 2MASS Reds	2	
0074.COMP	12	0:55	04:23:12.2	+36:23:37	300	90	3.0	#68 2MASS Reds	2	
0075.2MJ0423263p290957	600	0:55	04:23:26.3	+29:09:57	300	90	3.0	#68 2MASS Reds	2	
0076.COMP	12	0:55	04:23:26.3	+29:09:57	300	90	3.0	#68 2MASS Reds	2	
0077.2MJ0423499p413411	900	0:55	04:23:49.9	+41:34:11	300	90	3.0	#68 2MASS Reds	2	
0078.COMP	12	0:55	04:23:49.9	+41:34:11	300	90	3.0	#68 2MASS Reds	2	
0079.2MJ0424029p363835	600	0:55	04:24:02.9	+36:38:35	300	90	3.0	#68 2MASS Reds	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.COMP	12	0:55	04:24:02.9	+36:38:35	300	90	3.0	#68 2MASS Reds	2	
0081.2MJ0424441p292515	600	0:55	04:24:44.1	+29:25:15	300	90	3.0	#68 2MASS Reds	2	
0082.COMP	12	0:55	04:24:44.1	+29:25:15	300	90	3.0	#68 2MASS Reds	2	
0083.2MJ0720534p011415	480	0:55	07:20:53.4	+01:14:15	300	90	3.0	#68 2MASS Reds	2	
0084.COMP	12	0:55	07:20:53.4	+01:14:15	300	90	3.0	#68 2MASS Reds	2	
0085.2MJ0721201m014755	600	0:55	07:21:20.1	-01:47:55	300	109	3.0	#68 2MASS Reds	2	
0086.COMP	12	0:55	07:21:20.1	-01:47:55	300	90	3.0	#68 2MASS Reds	2	
0087.2MJ0723126p024513	480	0:55	07:23:12.6	+02:45:13	300	90	3.0	#68 2MASS Reds	2	
0088.COMP	12	0:55	07:23:12.6	+02:45:13	300	90	3.0	#68 2MASS Reds	2	
0089.2MJ0723459p043109	360	0:55	07:23:45.9	+04:31:09	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	12	0:55	07:23:45.9	+04:31:09	300	90	3.0	#68 2MASS Reds	2	
0091.2MJ0726506p013849	300	0:55	07:26:50.6	+01:38:49	300	90	3.0	#68 2MASS Reds	2	
0092.COMP	12	0:55	07:26:50.6	+01:38:49	300	90	3.0	#68 2MASS Reds	2	
0093.2MJ0746530m010900	360	0:55	07:46:53.0	-01:09:00	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	12	0:55	07:46:53.0	-01:09:00	300	90	3.0	#68 2MASS Reds	2	
0095.2MJ0734236m061744	420	0:55	07:34:23.6	-06:17:44	300	90	3.0	#68 2MASS Reds	2	
0096.COMP	12	0:55	07:34:23.6	-06:17:44	300	90	3.0	#68 2MASS Reds	2	
0097.2MJ0807485m131925	420	0:55	08:07:48.5	-13:19:25	300	90	3.0	#68 2MASS Reds	2	
0098.COMP	12	0:55	08:07:48.5	-13:19:25	300	90	3.0	#68 2MASS Reds	2	
0099.2MJ0808045m145239	360	0:55	08:08:04.5	-14:52:39	300	90	3.0	#68 2MASS Reds	2	row=83



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.COMP	12	0:55	08:08:04.5	-14:52:39	300	90	3.0	#68 2MASS Reds	2	
0101.2MJ0808468m090055	360	0:55	08:08:46.8	-09:00:55	300	90	3.0	#68 2MASS Reds	2	
0102.COMP	12	0:55	08:08:46.8	-09:00:55	300	90	3.0	#68 2MASS Reds	2	
0103.2MJ0815246m065736	360	0:55	08:15:24.6	-06:57:36	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	0:55	08:15:24.6	-06:57:36	300	90	3.0	#68 2MASS Reds	2	
0105.2MJ0816582m094917	360	0:55	08:16:58.2	-09:49:17	300	90	3.0	#68 2MASS Reds	2	
0106.COMP	12	0:55	08:16:58.2	-09:49:17	300	90	3.0	#68 2MASS Reds	2	
0107.2MJ0714024p235930	420	0:55	07:14:02.4	+23:59:30	300	90	3.0	#68 2MASS Reds	2	
0108.COMP	12	0:55	07:14:02.4	+23:59:30	300	90	3.0	#68 2MASS Reds	2	
0109.2MJ0658219p430308	480	0:55	06:58:21.9	+43:03:08	300	90	3.0	#68 2MASS Reds	2	
0110.COMP	12	0:55	06:58:21.9	+43:03:08	300	90	3.0	#68 2MASS Reds	2	
0111.2MJ0644559p464933	360	0:55	06:44:55.9	+46:49:33	300	90	3.0	#68 2MASS Reds	2	
0112.COMP	12	0:55	06:44:55.9	+46:49:33	300	90	3.0	#68 2MASS Reds	2	
0113.2MJ0640153p364141	480	0:55	06:40:15.3	+36:41:41	300	90	3.0	#68 2MASS Reds	2	
0114.COMP	12	0:55	06:40:15.3	+36:41:41	300	90	3.0	#68 2MASS Reds	2	
0115.2MJ0640087p301306	480	0:55	06:40:08.7	+30:13:06	300	90	3.0	#68 2MASS Reds	2	
0116.COMP	12	0:55	06:40:08.7	+30:13:06	300	90	3.0	#68 2MASS Reds	2	
0117.sn2001ie	1200	0:55	10:16:50.7	+60:16:44	300	-3	3.0	#2 SN Observat	2	
0118.COMP	12	0:55	10:16:50.7	+60:16:44	300	90	3.0	#2 SN Observat	2	
0119.Feige34	45	0:55	10:36:41.2	43:21:50	300	-3	3.0	#2 Kirshner et	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0120.COMP	12	0:55	10:36:41.2	43:21:50	300	90	3.0	#2 Kirshner et	2	
0121.2MJ0941000m110522	480	0:55	09:41:00.0	-11:05:22	300	90	3.0	#68 2MASS Reds	2	
0122.COMP	12	0:55	09:41:00.0	-11:05:22	300	90	3.0	#68 2MASS Reds	2	
0123.2MJ0946247m125604	480	0:55	09:46:24.7	-12:56:04	300	90	3.0	#68 2MASS Reds	2	
0124.COMP	12	0:55	09:46:24.7	-12:56:04	300	90	3.0	#68 2MASS Reds	2	
0125.2MJ0947584m141511	480	0:55	09:47:58.4	-14:15:11	300	90	3.0	#68 2MASS Reds	2	
0126.COMP	12	0:55	09:47:58.4	-14:15:11	300	90	3.0	#68 2MASS Reds	2	
0127.2MJ0949324m140647	480	0:55	09:49:32.4	-14:06:47	300	90	3.0	#68 2MASS Reds	2	
0128.COMP	12	0:55	09:49:32.4	-14:06:47	300	90	3.0	#68 2MASS Reds	2	
0129.2MJ1118271m143110	420	0:55	11:18:27.1	-14:31:10	300	90	3.0	#68 2MASS Reds	2	
0130.COMP	12	0:55	11:18:27.1	-14:31:10	300	90	3.0	#68 2MASS Reds	2	
0131.2MJ1106083m145923	420	0:55	11:06:08.3	-14:59:23	300	90	3.0	#68 2MASS Reds	2	
0132.COMP	12	0:55	11:06:08.3	-14:59:23	300	90	3.0	#68 2MASS Reds	2	
0133.2MJ1122183m030451	360	0:55	11:22:18.3	-03:04:51	300	90	3.0	#68 2MASS Reds	2	
0134.COMP	12	0:55	11:22:18.3	-03:04:51	300	90	3.0	#68 2MASS Reds	2	
0135-0144.BIAS	0	13:26	11:22:18.3	-03:04:51	300	90	3.0	#57 Radial Vel	2	
0145-0154.FLAT	12	13:32	11:22:18.3	-03:04:51	300	90	3.0	#57 Radial Vel	2	
0155-0159.DARK	900	14:36	11:22:18.3	-03:04:51	300	90	3.0	#57 Radial Vel	2	