



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-04-25 Observers P Berlind

Coll. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
01.10.DARK	900	1:57	-	-	300	90	3.0	-		
11.20.BIAS	0	1:57	-	-	300	90	3.0	-		
21.30.FLAT	8	1:59	-	-	300	90	3.0	-		
31.40.BIAS	0	2:03	-	-	300	90	3.0	-		
41.50.FLAT	16	2:05	-	-	300	90	3.0	-		
51.55.sky	2	2:11	-	-	300	90	3.0	-		pretty thick clouds
0056.COMP	5	2:13	-	-	300	90	3.0	-		
0057.2M064731p840304	300	3:02	06:47:31.9	+84:03:04	300	90	3.0	#68 2MASS Reds		
0058.COMP	5	3:07	06:47:31.9	+84:03:04	300	90	3.0	#68 2MASS Reds		clouds
59.60.BGGem	1200	3:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0061.COMP	10	3:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
62.63.Feige34	120	4:00	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0064.COMP	10	4:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0065.2M083124m040209	240	4:06	08:31:24.2	-04:02:09	300	90	3.0	#68 2MASS Reds		
0066.COMP	5	4:11	08:31:24.2	-04:02:09	300	90	3.0	#68 2MASS Reds		
0067.2M083141m040704	180	4:11	08:31:41.0	-04:07:04	300	90	3.0	#68 2MASS Reds		
0068.COMP	5	4:14	08:31:41.0	-04:07:04	300	90	3.0	#68 2MASS Reds		
0069.2M083146m051109	300	4:15	08:31:46.6	-05:11:09	300	90	3.0	#68 2MASS Reds		
0070.COMP	5	4:20	08:31:46.6	-05:11:09	300	90	3.0	#68 2MASS Reds		
0071.2M083200m041222	300	4:21	08:32:00.6	-04:12:22	300	90	3.0	#68 2MASS Reds		



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0072.COMP	5	4:26	08:32:00.6	-04:12:22	300	90	3.0	#68 2MASS Reds		
0073.2M083428m040849	180	4:33	08:34:28.2	-04:08:49	300	90	3.0	#68 2MASS Reds		
0074.COMP	5	4:36	08:34:28.2	-04:08:49	300	90	3.0	#68 2MASS Reds		
0075.2M083431m051648	240	4:37	08:34:31.8	-05:16:48	300	90	3.0	#68 2MASS Reds		
0076.COMP	5	4:41	08:34:31.8	-05:16:48	300	90	3.0	#68 2MASS Reds		
0077.2M083452m042414	180	4:41	08:34:52.1	-04:24:14	300	90	3.0	#68 2MASS Reds		
0078.COMP	5	4:45	08:34:52.1	-04:24:14	300	90	3.0	#68 2MASS Reds		
0079.2M083504m025756	180	4:45	08:35:04.5	-02:57:56	300	90	3.0	#68 2MASS Reds		
0080.COMP	5	4:49	08:35:04.5	-02:57:56	300	90	3.0	#68 2MASS Reds		
0081.2M083518m021437	330	4:49	08:35:18.1	-02:14:37	300	90	3.0	#68 2MASS Reds		redo; clouds...
0082.COMP	5	4:55	08:35:18.1	-02:14:37	300	90	3.0	#68 2MASS Reds		delay
0083.2M1134447p19020	240	5:58	11:34:44.7	+19:02:00	300	90	3.0	2MASS Redshift		
0084.COMP	5	6:03	11:34:44.7	+19:02:00	300	90	3.0	2MASS Redshift		
0085.2M1134247p18230	240	6:03	11:34:24.7	+18:23:07	300	90	3.0	2MASS Redshift		
0086.COMP	5	6:07	11:34:24.7	+18:23:07	300	90	3.0	2MASS Redshift		
0087.nrgs341.005	210	9:08	15:20:53.3	+08:23:48	300	90	3.0	#59 X-Ray Grou		finally clearing again
0088.COMP	5	9:12	15:20:53.3	+08:23:48	300	90	3.0	#59 X-Ray Grou		
0089.nrgs341.003	180	9:12	15:20:38.8	+08:59:22	300	90	3.0	#59 X-Ray Grou		
0090.COMP	5	9:16	15:20:38.8	+08:59:22	300	90	3.0	#59 X-Ray Grou		
0091.nrgs341.004	240	9:16	15:20:43.3	+08:56:27	300	90	3.0	#59 X-Ray Grou		



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0092.COMP	5	9:20	15:20:43.3	+08:56:27	300	90	3.0	#59 X-Ray Grou		
0093.nrgs341.015	420	9:21	15:21:40.2	+08:24:56	300	90	3.0	#59 X-Ray Grou		
0094.COMP	5	9:28	15:21:40.2	+08:24:56	300	90	3.0	#59 X-Ray Grou		
0095.nrgs341.021	240	9:29	15:21:55.2	+08:25:25	300	90	3.0	#59 X-Ray Grou		
0096.COMP	5	9:34	15:21:55.2	+08:25:25	300	90	3.0	#59 X-Ray Grou		
0097.nrgs341.025	360	9:34	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou	wk; clouds	
0098.COMP	5	9:41	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou		
0099.nrgs341.025	600	10:02	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou	got it this time	
0100.COMP	5	10:13	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou		
0101.nrgs341.034	300	10:16	15:22:37.1	+08:28:19	300	90	3.0	#59 X-Ray Grou		
0102.COMP	5	10:22	15:22:37.1	+08:28:19	300	90	3.0	#59 X-Ray Grou		
0103.nrgs341.030.028	480	10:23	15:22:24.8	+08:21:10	300	85	3.0	#59 X-Ray Grou	28 @ row 75; 30 @ row 103	
0104.COMP	10	10:31	15:22:24.8	+08:21:10	300	85	3.0	#59 X-Ray Grou		
0105.nrgs341.037	900	10:33	15:22:49.8	+08:04:53	300	85	3.0	#59 X-Ray Grou		
0106.COMP	5	10:49	15:22:49.8	+08:04:53	300	85	3.0	#59 X-Ray Grou		
0107.nrgs341.039	300	10:50	15:22:52.8	+08:44:40	300	90	3.0	#59 X-Ray Grou		
0108.COMP	5	10:55	15:22:52.8	+08:44:40	300	90	3.0	#59 X-Ray Grou		
109.118.BIAS	0	11:02	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou	stopped once again by clouds	
119.128.FLAT	8	11:04	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
129.138.BIAS	0	11:07	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		



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139.148.FLAT	16	11:09	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
149.158.DARK	900	11:14	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		