



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2002-01-11 Observers P Berlind

Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:28	01:25:34.0	31:29:46	300	90	3.0	#100 BGGem	4	
0011.FLAT	8	1:28	01:26:09.0	31:29:46	300	90	3.0	#100 BGGem	4	snow, rain, and hail: the works
0012-0020.FLAT	8	1:30	01:28:28.0	31:29:46	300	90	3.0	#100 BGGem	4	
0021-0030.BIAS	0	1:33	01:31:17.0	31:29:46	300	90	3.0	#100 BGGem	2	
0031-0040.FLAT	16	1:39	01:37:13.0	31:29:46	300	90	3.0	#100 BGGem	2	
0041.DARK	900	1:39	01:52:47.0	31:29:48	300	90	3.0	#100 BGGem	4	
0042.DARK	900	1:39	02:07:57.0	31:29:49	300	90	3.0	#100 BGGem	4	
0043.DARK	900	1:39	02:23:05.0	31:29:50	300	90	3.0	#100 BGGem	4	
0044.DARK	900	1:39	02:38:17.0	31:29:52	300	90	3.0	#100 BGGem	4	
0045.DARK	900	1:39	02:53:24.0	31:29:54	300	90	3.0	#100 BGGem	4	
0046.DARK	900	1:39	03:08:35.0	31:29:56	300	90	3.0	#100 BGGem	4	
0047.DARK	900	1:39	03:23:43.0	31:29:58	300	90	3.0	#100 BGGem	4	
0048.DARK	900	1:39	03:38:55.0	31:30:00	300	90	3.0	#100 BGGem	4	
0049.DARK	900	1:39	03:54:06.0	31:30:02	300	90	3.0	#100 BGGem	4	
0050.DARK	900	1:39	04:09:13.0	31:30:05	300	90	3.0	#100 BGGem	4	
0051.NGC1700	180	1:39	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	clearing...
0052.COMP	5	1:39	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0053.HIP23659	15	1:39	05:05:04.1	-01:18:40	300	0	3.0	#89 Ae/Be Star	4	
0054.HIP23659	15	1:39	05:05:04.1	-01:18:40	300	0	3.0	#89 Ae/Be Star	4	
0055.COMP	5	1:39	05:05:04.1	-01:18:40	300	0	3.0	#89 Ae/Be Star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.HIP23714	15	1:39	05:05:54.6	+01:51:07	300	0	3.0	#89 Ae/Be Star	4	
0057.HIP23714	10	1:39	05:05:54.6	+01:51:07	300	0	3.0	#89 Ae/Be Star	4	
0058.COMP	5	1:39	05:05:54.6	+01:51:07	300	0	3.0	#89 Ae/Be Star	4	
0059.HIP24297	15	1:39	05:12:50.0	-01:33:49	300	0	3.0	#89 Ae/Be Star	4	
0060.HIP24297	15	1:39	05:12:50.0	-01:33:49	300	0	3.0	#89 Ae/Be Star	4	
0061.COMP	5	1:39	05:12:50.0	-01:33:49	300	0	3.0	#89 Ae/Be Star	4	
0062.HIP24531	20	1:39	05:15:46.4	-01:16:40	300	0	3.0	#89 Ae/Be Star	4	
0063.HIP24531	20	1:39	05:15:46.4	-01:16:40	300	0	3.0	#89 Ae/Be Star	4	
0064.COMP	5	1:39	05:15:57.6	+01:19:39	300	0	3.0	#89 Ae/Be Star	4	
0065.HIP24547	6	1:39	05:15:57.6	+01:19:39	300	0	3.0	#89 Ae/Be Star	4	
0066.HIP24547	6	1:39	05:15:57.6	+01:19:39	300	0	3.0	#89 Ae/Be Star	4	
0067.HIP24547	10	1:39	05:15:57.6	+01:19:39	300	0	3.0	#89 Ae/Be Star	4	
0068.COMP	5	1:39	05:15:57.6	+01:19:39	300	0	3.0	#89 Ae/Be Star	4	
0069.HIP24580	7	1:39	05:16:24.6	-01:38:31	300	0	3.0	#89 Ae/Be Star	4	
0070.HIP24580	7	1:39	05:16:24.6	-01:38:31	300	0	3.0	#89 Ae/Be Star	4	
0071.COMP	5	1:39	05:16:24.6	-01:38:31	300	0	3.0	#89 Ae/Be Star	4	
0072.HIP24611	15	1:39	05:16:43.8	-00:53:20	300	0	3.0	#89 Ae/Be Star	4	
0073.HIP24611	15	1:39	05:16:43.8	-00:53:20	300	0	3.0	#89 Ae/Be Star	4	
0074.COMP	5	1:39	05:16:43.8	-00:53:20	300	0	3.0	#89 Ae/Be Star	4	
0075.HIP24709	7	1:39	05:18:00.9	-00:02:15	300	0	3.0	#89 Ae/Be Star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.HIP24709	7	1:39	05:18:00.9	-00:02:15	300	0	3.0	#89 Ae/Be Star	4	
0077.HIP24709	6	1:39	05:18:00.9	-00:02:15	300	0	3.0	#89 Ae/Be Star	4	
0078.COMP	5	1:39	05:18:00.9	-00:02:15	300	0	3.0	#89 Ae/Be Star	4	
0079.HIP26210	6	1:39	05:35:09.2	-00:16:10	300	0	3.0	#89 Ae/Be Star	4	
0080.HIP26210	6	1:39	05:35:09.2	-00:16:10	300	0	3.0	#89 Ae/Be Star	4	
0081.COMP	5	1:39	05:35:09.2	-00:16:10	300	0	3.0	#89 Ae/Be Star	4	
0082.HIP26276	15	1:39	05:35:43.9	+00:44:00	300	0	3.0	#89 Ae/Be Star	4	
0083.HIP26276	15	1:39	05:35:43.9	+00:44:00	300	0	3.0	#89 Ae/Be Star	4	
0084.COMP	5	1:39	05:35:43.9	+00:44:00	300	0	3.0	#89 Ae/Be Star	4	
0085.HIP26305	18	1:39	05:36:06.4	+01:49:44	300	0	3.0	#89 Ae/Be Star	4	
0086.HIP26305	18	1:39	05:36:06.4	+01:49:44	300	0	3.0	#89 Ae/Be Star	4	
0087.COMP	5	1:39	05:36:06.4	+01:49:44	300	0	3.0	#89 Ae/Be Star	4	
0088.HIP26319	7	1:39	05:36:17.8	-01:38:07	300	0	3.0	#89 Ae/Be Star	4	
0089.HIP26319	7	1:39	05:36:17.8	-01:38:07	300	0	3.0	#89 Ae/Be Star	4	
0090.COMP	5	1:39	05:36:17.8	-01:38:07	300	0	3.0	#89 Ae/Be Star	4	
0091.HIP26334	6	1:39	05:36:30.6	-01:59:00	300	0	3.0	#89 Ae/Be Star	4	
0092.HIP26334	6	1:39	05:36:30.6	-01:59:00	300	0	3.0	#89 Ae/Be Star	4	
0093.COMP	5	1:39	05:36:30.6	-01:59:00	300	0	3.0	#89 Ae/Be Star	4	
0094.HIP26405	6	1:39	05:37:14.5	-01:40:03	300	0	3.0	#89 Ae/Be Star	4	
0095.HIP26405	6	1:39	05:37:14.5	-01:40:03	300	0	3.0	#89 Ae/Be Star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	5	1:39	05:37:14.5	-01:40:03	300	0	3.0	#89 Ae/Be Star	4	
0097.HIP26431	10	1:39	05:37:30.2	-00:14:25	300	0	3.0	#89 Ae/Be Star	4	
0098.HIP26431	10	1:39	05:37:30.2	-00:14:25	300	0	3.0	#89 Ae/Be Star	4	
0099.COMP	5	1:39	05:37:30.2	-00:14:25	300	0	3.0	#89 Ae/Be Star	4	
0100.HIP26439	5	1:39	05:37:34.8	-01:25:19	300	0	3.0	#89 Ae/Be Star	4	
0101.HIP26439	5	1:39	05:37:34.8	-01:25:19	300	0	3.0	#89 Ae/Be Star	4	
0102.COMP	5	1:39	05:37:34.8	-01:25:19	300	0	3.0	#89 Ae/Be Star	4	
0103.HIP26464	7	1:39	05:37:45.9	-00:46:42	300	0	3.0	#89 Ae/Be Star	4	
0104.HIP26464	7	1:39	05:37:45.9	-00:46:42	300	0	3.0	#89 Ae/Be Star	4	
0105.COMP	5	1:39	05:37:45.9	-00:46:42	300	0	3.0	#89 Ae/Be Star	4	
0106.HIP26476	6	1:39	05:37:53.4	+00:58:07	300	0	3.0	#89 Ae/Be Star	4	
0107.HIP26476	6	1:39	05:37:53.4	+00:58:07	300	0	3.0	#89 Ae/Be Star	4	
0108.HIP26476	6	1:39	05:37:53.4	+00:58:07	300	0	3.0	#89 Ae/Be Star	4	
0109.COMP	5	1:39	05:37:53.4	+00:58:07	300	0	3.0	#89 Ae/Be Star	4	
0110.Hiltner600	70	1:39	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	poor seeing
0111.Hiltner600	70	1:39	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0112.COMP	5	1:39	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0113.BGGem	1200	1:39	6:03:31	27:41:50	300	0	3.0	#100 BGGem	2	
0114.BGGem	360	1:39	6:03:31	27:41:50	300	0	3.0	#100 BGGem	2	
0115.COMP	10	1:39	6:03:31	27:41:50	300	0	3.0	#100 BGGem	2	



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Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0116.2MJ0602048p084511	600	1:39	06:02:04.8	+08:45:11	300	0	3.0	#68 2MASS Reds	2	
0117.COMP	5	1:39	06:02:04.8	+08:45:11	300	0	3.0	#68 2MASS Reds	2	
0118.2MJ0602421p091421	900	1:39	06:02:42.1	+09:14:21	300	0	3.0	#68 2MASS Reds	4	
0119.COMP	5	1:39	06:02:42.1	+09:14:21	300	0	3.0	#68 2MASS Reds	4	
0120.2MJ0604176p094602	900	1:39	06:04:17.6	+09:46:02	300	0	3.0	#68 2MASS Reds	4	weak, star to east
0121.COMP	5	1:39	06:04:17.6	+09:46:02	300	0	3.0	#68 2MASS Reds	4	
0122.2MJ0931062m131052	600	1:39	09:31:06.2	-13:10:52	300	0	3.0	#68 2MASS Reds	4	
0123.COMP	5	1:39	09:31:06.2	-13:10:52	300	0	3.0	#68 2MASS Reds	4	wind picking up
0124.2MJ0934220m135852	180	1:39	09:34:22.0	-13:58:52	300	0	3.0	#68 2MASS Reds	4	
0125.COMP	5	1:39	09:34:22.0	-13:58:52	300	0	3.0	#68 2MASS Reds	4	
0126.2MJ0934292m092702	420	1:39	09:34:29.2	-09:27:02	300	0	3.0	#68 2MASS Reds	4	
0127.COMP	5	1:39	09:34:29.2	-09:27:02	300	0	3.0	#68 2MASS Reds	4	
0128.2MJ0935227m122134	180	1:39	09:35:22.7	-12:21:34	300	0	3.0	#68 2MASS Reds	4	
0129.COMP	5	1:39	09:35:22.7	-12:21:34	300	0	3.0	#68 2MASS Reds	4	
0130.2MJ0939388m132422	360	1:39	09:39:38.8	-13:24:22	300	0	3.0	#68 2MASS Reds	4	
0131.COMP	5	1:39	09:39:38.8	-13:24:22	300	0	3.0	#68 2MASS Reds	4	
0132.2MJ0939460m112042	420	1:39	09:39:46.0	-11:20:42	300	0	3.0	#68 2MASS Reds	4	
0133.COMP	5	1:39	09:39:46.0	-11:20:42	300	0	3.0	#68 2MASS Reds	4	
0134.Feige34	120	1:39	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	4	
0135.Feige34	120	1:39	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	4	close, high wind



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<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>Bir</i>	<i>Comments</i>
0136.COMP	5	1:39	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	4	
0137-0146.BIAS	0	11:43	09:25:12.9	+52:17:10	300	0	3.0	#56 Spectropho	4	
0147-0156.FLAT	8	11:45	09:25:12.9	+52:17:10	300	0	3.0	#56 Spectropho	4	
0157-0166.BIAS	0	11:48	09:25:12.9	+52:17:10	300	0	3.0	#56 Spectropho	2	
0167-0176.FLAT	16	11:52	09:25:12.9	+52:17:10	300	0	3.0	#56 Spectropho	2	
0177-0186.DARK	1200	14:57	09:25:12.9	+52:17:10	300	0	3.0	#56 Spectropho	2	