



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10160

UT Date 2002-02-19 Observers M Calkins

Coll. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	2:22	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	
0011-0020.BIAS	0	2:40	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	
0021.FLAT	35	2:41	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	fog at sunset
0022-0030.FLAT	35	2:48	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	
0031.Hiltner600	210	5:04	06:42:37.2	02:11:25	600	20	2.0	#56 Spectropho	2	clearing
0032.Hiltner600	210	5:07	06:42:37.2	02:11:25	600	20	2.0	#56 Spectropho	2	
0033.COMP	30	5:11	06:42:37.2	02:11:25	600	20	2.0	#56 Spectropho	2	
0034.MF7136	450	5:14	10:25:47.6	+26:34:14	600	110	2.0	#88 Mass Funct	2	
0035.MF7136	450	5:22	10:25:47.6	+26:34:14	600	110	2.0	#88 Mass Funct	2	
0036.COMP	30	5:30	10:25:47.6	+26:34:14	600	110	2.0	#88 Mass Funct	2	
0037.MF2724	450	5:35	07:25:14.1	+42:01:6	600	-43	2.0	#88 Mass Funct	2	
0038.MF2724	450	5:43	07:25:14.1	+42:01:6	600	-43	2.0	#88 Mass Funct	2	
0039.COMP	30	5:51	07:25:14.1	+42:01:6	600	-43	2.0	#88 Mass Funct	2	
0040.COMP	30	5:53	09:46:08.3	+54:36:52	600	-43	2.0	#88 Mass Funct	2	
0041.MF7055	900	5:54	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0042.MF7055	900	6:10	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0043.MF7055	900	6:25	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0044.COMP	30	6:40	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0045.MF4035	450	6:42	10:22:37.3	+38:34:44	600	50	2.0	#88 Mass Funct	2	
0046.MF4035	450	6:50	10:22:37.3	+38:34:44	600	50	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10161

UT Date 2002-02-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	30	6:58	10:22:37.3	+38:34:44	600	50	2.0	#88 Mass Funct	2	
0048.COMP	30	7:05	09:09:41.7	+37:36:5	600	50	2.0	#88 Mass Funct	2	
0049.MF4023	900	7:06	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0050.MF4023	900	7:21	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0051.MF4023	900	7:36	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0052.COMP	30	7:52	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0053.MF7080	450	7:54	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0054.MF7080	450	8:02	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0055.COMP	30	8:10	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0056.MF0008	450	8:14	11:11:23.7	+26:57:42	600	-22	2.0	#88 Mass Funct	2	
0057.MF0008	450	8:21	11:11:23.7	+26:57:42	600	-22	2.0	#88 Mass Funct	2	
0058.COMP	30	8:30	11:11:23.7	+26:57:42	600	-22	2.0	#88 Mass Funct	2	
0059.MF4025	450	8:37	09:04:43.4	+42:19:13	600	-15	2.0	#88 Mass Funct	2	
0060.MF4025	450	8:45	09:04:43.4	+42:19:13	600	-15	2.0	#88 Mass Funct	2	
0061.COMP	30	8:53	09:04:43.4	+42:19:13	600	-15	2.0	#88 Mass Funct	2	
0062.Feige34	90	8:56	10:36:41.2	43:21:50	600	-42	2.0	#56 Spectropho	2	
0063.Feige34	90	8:58	10:36:41.2	43:21:50	600	-42	2.0	#56 Spectropho	2	
0064.COMP	30	9:00	10:36:41.2	43:21:50	600	-42	2.0	#56 Spectropho	2	
0065.COMP	30	9:03	13:03:14.6	+07:48:4	600	-42	2.0	#88 Mass Funct	2	
0066.MF7096	900	9:04	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10162

UT Date 2002-02-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

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0067.MF7096	900	9:20	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	
0068.MF7096	900	9:35	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	
0069.COMP	30	9:50	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	
0070.COMP	30	9:54	12:24:11.3	+58:21:38	600	11	2.0	#88 Mass Funct	2	
0071.MF7105	900	9:55	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0072.MF7105	900	10:10	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0073.MF7105	900	10:25	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0074.COMP	30	10:40	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0075.COMP	30	10:43	10:12:29.2	+12:22:38	600	43	2.0	#88 Mass Funct	2	
0076.MF7148	900	10:44	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0077.MF7148	900	10:59	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0078.MF7148	900	11:14	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0079.COMP	30	11:30	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0080.COMP	30	11:32	12:26:19.8	+26:50:18	600	55	2.0	#88 Mass Funct	2	
0081.MF7130	900	11:33	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0082.MF7130	900	11:48	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0083.MF7130	900	12:03	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0084.COMP	30	12:19	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0085.COMP	30	12:24	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0086.MF7079	900	12:25	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10163

UT Date 2002-02-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

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0087.MF7079	900	12:40	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0088.MF7079	900	12:55	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0089.COMP	30	13:11	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0090.BDp332642	120	13:14	15:50:03	33:05:49	600	41	2.0	#56 Spectropho	2	
0091.BDp332642	120	13:16	15:50:03	33:05:49	600	41	2.0	#56 Spectropho	2	
0092.COMP	30	13:19	15:50:03	33:05:49	600	41	2.0	#56 Spectropho	2	
0093-0097.sky	2	13:59	15:50:03	33:05:49	600	41	2.0	#57 Velocity S	2	
0098.COMP	30	13:59	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	
0099-0108.BIAS	0	14:02	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	
0109-0118.FLAT	35	14:10	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	
0119-0128.DARK	900	16:31	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	