



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10441

UT Date 2002-05-11 Observers P Berlind

Coll. Focus 980 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	1200	0:10	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0011.BIAS	0	1:53	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	thin clouds
0012-0020.BIAS	0	1:55	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0021-0040.FLAT	30	2:11	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0041.Feige34	180	2:58	10:36:41.2	43:21:50	600	90	2.0	#88f Mass Func	2	600-line, 2-sec, red
0042.Feige34	180	3:02	10:36:41.2	43:21:50	600	-15	2.0	#88f Mass Func	2	
0043.COMP	10	3:06	10:36:41.2	43:21:50	600	-15	2.0	#88f Mass Func	2	
0044.MF7038	720	3:11	08:08:19.4	+09:00:49	600	75	2.0	#88 Mass Funct	2	
0045.MF7038	720	3:24	08:08:19.4	+09:00:49	600	75	2.0	#88 Mass Funct	2	
0046.COMP	10	3:36	08:08:19.4	+09:00:49	600	75	2.0	#88 Mass Funct	2	
0047.MF7046	600	3:39	12:15:12.5	+14:25:58	600	-10	2.0	#88 Mass Funct	2	
0048.MF7046	600	3:49	12:15:12.5	+14:25:58	600	-10	2.0	#88 Mass Funct	2	
0049.COMP	10	3:59	12:15:12.5	+14:25:58	600	-10	2.0	#88 Mass Funct	2	
0050.COMP	10	4:01	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0051.MF7109	900	4:01	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0052.MF7109	900	4:17	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0053.COMP	10	4:32	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0054.MF0021	480	4:34	11:48:27.5	+12:43:38	600	-70	2.0	#88 Mass Funct	2	
0055.MF0021	480	4:42	11:48:27.5	+12:43:38	600	-70	2.0	#88 Mass Funct	2	
0056.COMP	10	4:50	11:48:27.5	+12:43:38	600	-70	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10442

UT Date 2002-05-11 Observers P Berlind

Coll. Focus 980 Grating/Grism 600

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0057.MF7065	480	4:57	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0058.MF7065	480	5:05	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0059.COMP	10	5:14	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0060.COMP	10	5:18	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	
0061.MF7076	1200	5:19	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	clear skies
0062.MF7076	1200	5:39	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	
0063.COMP	10	5:59	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	
0064.COMP	10	6:03	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0065.MF0027	900	6:03	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0066.MF0027	900	6:19	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0067.COMP	10	6:34	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0068.MF0033	540	6:36	12:28:41.2	+26:47:53	600	-25	2.0	#88 Mass Funct	2	
0069.MF0033	540	6:45	12:28:41.2	+26:47:53	600	-25	2.0	#88 Mass Funct	2	
0070.COMP	10	6:55	12:28:41.2	+26:47:53	600	-25	2.0	#88 Mass Funct	2	
0071.MF0019	540	6:58	11:45:42.6	+17:44:52	600	-10	2.0	#88 Mass Funct	2	
0072.MF0019	540	7:07	11:45:42.6	+17:44:52	600	-10	2.0	#88 Mass Funct	2	
0073.COMP	10	7:16	11:45:42.6	+17:44:52	600	-10	2.0	#88 Mass Funct	2	
0074.COMP	10	7:18	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	
0075.MF4053	900	7:19	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	
0076.MF4053	900	7:35	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10443

UT Date 2002-05-11 Observers P Berlind

Coll. Focus 980 Grating/Grism 600

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0077.COMP	10	7:50	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	
0078.BDp332642	180	7:54	15:50:03	33:05:49	600	10	2.0	#88f Mass Func	2	
0079.BDp332642	180	7:57	15:50:03	33:05:49	600	10	2.0	#88f Mass Func	2	
0080.COMP	10	8:00	15:50:03	33:05:49	600	10	2.0	#88f Mass Func	2	
0081.COMP	10	8:02	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0082.MF7008	900	8:03	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0083.MF7008	900	8:18	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0084.COMP	10	8:34	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0085.MF7003	540	8:37	13:48:21.8	+25:40:31	600	-75	2.0	#88 Mass Funct	2	
0086.MF7003	540	8:46	13:48:21.8	+25:40:31	600	-75	2.0	#88 Mass Funct	2	
0087.COMP	10	8:55	13:48:21.8	+25:40:31	600	-75	2.0	#88 Mass Funct	2	
0088.MF7033	480	8:57	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0089.MF7033	480	9:06	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0090.COMP	10	9:14	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0091.MF0045	540	9:18	13:50:20.6	+35:28:33	600	-3	2.0	#88 Mass Funct	2	
0092.MF0045	540	9:27	13:50:20.6	+35:28:33	600	-3	2.0	#88 Mass Funct	2	
0093.COMP	10	9:37	13:50:20.6	+35:28:33	600	-3	2.0	#88 Mass Funct	2	
0094.MF7142	540	9:39	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0095.MF7142	540	9:49	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0096.COMP	10	9:59	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10444

UT Date 2002-05-11 Observers P Berlind

Coll. Focus 980 Grating/Grism 600

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0097-0106.FLAT	30	10:10	15:39:04.3	+10:48:0	600	90	2.0	#88 Mass Funct	2	
0107.BIAS	0	10:11	15:39:04.3	+10:48:0	600	90	2.0	#88 Mass Funct	2	no more massfunc objects
0108-0116.BIAS	0	10:13	15:39:04.3	+10:48:0	600	90	2.0	#88 Mass Funct	2	
0117.N5866	240	10:19	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	300-line, 3-sec, combo
0118.COMP	10	10:23	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0119.sn2002cs	1200	10:27	18:46:59.9	45:42:19	300	10	3.0	#2 SN Observat	2	
0120.COMP	10	10:47	18:46:59.9	45:42:19	300	10	3.0	#2 SN Observat	2	
0121.MRK501	330	10:49	16:53:52.1	39:45:36	300	100	3.0	#6 AGN Monitor	2	
0122.COMP	10	10:55	16:53:52.1	39:45:36	300	100	3.0	#6 AGN Monitor	2	
0123.HD192281	5	10:57	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0124.HD192281	5	10:58	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0125.HD192281	5	10:58	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0126.HD192281	5	10:58	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0127.COMP	10	10:59	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0128.BDp404032	60	10:59	20:06:40	41:06:15	300	70	3.0	#56 Spectropho	2	
0129.BDp404032	60	11:01	20:06:40	41:06:15	300	70	3.0	#56 Spectropho	2	
0130.COMP	10	11:03	20:06:40	41:06:15	300	70	3.0	#56 Spectropho	2	
0131.BDp284211	60	11:04	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0132.BDp284211	60	11:05	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0133.COMP	10	11:06	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 10445

UT Date 2002-05-11 Observers P BerlindColl. Focus 980 Grating/Grism 600

<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>
0134-0143.FLAT	16	11:12	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0144-0148.BIAS	0	11:14	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0149-0158.DARK	900	13:49	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	