



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9219

UT Date 2001-05-26 Observers P BerlindColl. Focus 1180 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0020.BIAS	0	0:34	09:25:22.0	31:30:37	300	90	2.0	Function	2	
0021.FLAT	55	0:34	09:28:59.0	31:30:37	600	90	2.0	Function	2	600-line grating; 2-sec slit; abs setup
0022-0030.FLAT	55	0:48	09:39:55.0	31:30:37	600	90	2.0	Function	2	
0031-0040.FLAT	55	0:59	09:51:25.0	31:30:38	600	90	2.0	Function	2	
0041.HD100006	40	0:59	11:30:29.0	18:24:35	600	90	2.0	#88f Mass Func	2	tilt=494; focus=1180
0042.HD100006	40	0:59	11:30:29.0	18:24:35	600	90	2.0	#88f Mass Func	2	
0043.COMP	20	0:59	11:30:29.0	18:24:35	600	90	2.0	#88f Mass Func	2	
0044.HD109519	90	0:59	12:35:08.2	21:52:53	600	90	2.0	#88f Mass Func	2	
0045.HD109519	40	0:59	12:35:08.2	21:52:53	600	90	2.0	#88f Mass Func	2	
0046.COMP	20	0:59	12:35:08.2	21:52:53	600	90	2.0	#88f Mass Func	2	clear skies; lots of smoke off to sw
0047.HD110024	90	0:59	12:39:07.3	21:03:45	600	90	2.0	#88f Mass Func	2	
0048.HD110024	40	0:59	12:39:07.3	21:03:45	600	90	2.0	#88f Mass Func	2	
0049.COMP	20	0:59	12:39:07.3	21:03:45	600	90	2.0	#88f Mass Func	2	
0050.HD111541	60	0:59	12:49:48.6	26:25:52	600	90	2.0	#88f Mass Func	2	
0051.HD111541	60	0:59	12:49:48.6	26:25:52	600	90	2.0	#88f Mass Func	2	
0052.COMP	20	0:59	12:49:48.6	26:25:52	600	90	2.0	#88f Mass Func	2	
0053.HD111591	60	0:59	12:50:17.3	22:51:48	600	90	2.0	#88f Mass Func	2	
0054.HD111591	60	0:59	12:50:17.3	22:51:48	600	90	2.0	#88f Mass Func	2	
0055.COMP	20	0:59	12:50:17.3	22:51:48	600	90	2.0	#88f Mass Func	2	
0056.NGC4278	240	0:59	12:17:36.1	29:33:29	600	90	2.0	#88f Mass Func	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9220

UT Date 2001-05-26 Observers P Berlind

Coll. Focus 1180 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0057.NGC4278	240	0:59	12:17:36.1	29:33:29	600	90	2.0	#88f Mass Func	2	
0058.COMP	20	0:59	12:17:36.1	29:33:29	600	90	2.0	#88f Mass Func	2	
0059.NGC4697	240	0:59	12:46:00.5	-05:31:41	600	70	2.0	#88f Mass Func	2	
0060.NGC4697	240	0:59	12:46:00.5	-05:31:41	600	70	2.0	#88f Mass Func	2	
0061.COMP	20	0:59	12:46:00.5	-05:31:41	600	70	2.0	#88f Mass Func	2	
0062.COMP	20	0:59	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0063.MF7080	720	0:59	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0064.MF7080	720	0:59	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0065.MF7080	720	0:59	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0066.COMP	20	0:59	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0067.HZ44	240	0:59	13:21:19.0	36:23:39	600	0	2.0	#88f Mass Func	2	
0068.COMP	20	0:59	13:21:19.0	36:23:39	600	0	2.0	#88f Mass Func	2	
0069.COMP	20	0:59	11:10:38.4	+28:19:0	600	-55	2.0	#88 Mass Funct	2	
0070.MF0006	720	0:59	11:10:38.4	+28:19:0	600	-55	2.0	#88 Mass Funct	2	
0071.MF0006	720	0:59	11:10:38.4	+28:19:0	600	-55	2.0	#88 Mass Funct	2	
0072.MF0006	720	0:59	11:10:38.4	+28:19:0	600	-55	2.0	#88 Mass Funct	2	
0073.COMP	20	0:59	11:10:38.4	+28:19:0	600	-55	2.0	#88 Mass Funct	2	
0074.COMP	20	0:59	13:24:13.5	+15:34:7	600	-55	2.0	#88 Mass Funct	2	
0075.MF0039	1200	0:59	13:24:13.5	+15:34:7	600	-40	2.0	#88 Mass Funct	2	
0076.MF0039	1200	0:59	13:24:13.5	+15:34:7	600	-40	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9221

UT Date 2001-05-26 Observers P Berlind

Coll. Focus 1180 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.MF0039	1200	0:59	13:24:13.5	+15:34:7	600	-40	2.0	#88 Mass Funct	2	
0078.COMP	20	0:59	13:24:13.5	+15:34:7	600	-40	2.0	#88 Mass Funct	2	
0079.COMP	20	0:59	14:13:53.5	+15:30:36	600	-40	2.0	#88 Mass Funct	2	
0080.MF0052	1200	0:59	14:13:53.5	+15:30:36	600	-72	2.0	#88 Mass Funct	2	
0081.MF0052	1200	0:59	14:13:53.5	+15:30:36	600	-72	2.0	#88 Mass Funct	2	
0082.MF0052	1200	0:59	14:13:53.5	+15:30:36	600	-72	2.0	#88 Mass Funct	2	
0083.COMP	20	0:59	14:13:53.5	+15:30:36	600	-72	2.0	#88 Mass Funct	2	
0084.NGC5846	180	0:59	15:03:56.9	01:47:53	600	55	2.0	#88f Mass Func	2	
0085.NGC5846	180	0:59	15:03:56.9	01:47:53	600	55	2.0	#88f Mass Func	2	
0086.COMP	20	0:59	15:03:56.9	01:47:53	600	55	2.0	#88f Mass Func	2	
0087.COMP	20	0:59	14:33:24.7	+20:00:20	600	55	2.0	#88 Mass Funct	2	
0088.MF0055	1200	0:59	14:33:24.7	+20:00:20	600	55	2.0	#88 Mass Funct	2	
0089.MF0055	1200	0:59	14:33:24.7	+20:00:20	600	55	2.0	#88 Mass Funct	2	
0090.MF0055	1200	0:59	14:33:24.7	+20:00:20	600	55	2.0	#88 Mass Funct	2	
0091.COMP	20	0:59	14:33:24.7	+20:00:20	600	55	2.0	#88 Mass Funct	2	
0092.COMP	20	0:59	16:05:31.2	+17:57:48	600	55	2.0	#88 Mass Funct	2	
0093.MF7054	720	0:59	16:05:31.2	+17:57:48	600	60	2.0	#88 Mass Funct	2	
0094.MF7054	720	0:59	16:05:31.2	+17:57:48	600	60	2.0	#88 Mass Funct	2	
0095.MF7054	720	0:59	16:05:31.2	+17:57:48	600	60	2.0	#88 Mass Funct	2	
0096.COMP	20	0:59	16:05:31.2	+17:57:48	600	60	2.0	#88 Mass Funct	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9222

UT Date 2001-05-26 Observers P BerlindColl. Focus 1180 Grating/Grism 300

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0097.COMP	20	0:59	17:35:44.1	+24:47:13	600	60	2.0	#88 Mass Funct	2	
0098.MF7082	900	0:59	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0099.MF7082	900	0:59	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0100.MF7082	900	0:59	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0101.COMP	20	0:59	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0102.COMP	20	0:59	17:13:34.8	+16:02:59	600	-10	2.0	#88 Mass Funct	2	
0103.MF7149NS	720	0:59	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	close pair of galaxies
0104.MF7149NS	720	0:59	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0105.MF7149NS	720	0:59	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0106.COMP	20	0:59	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0107.BDp404032	60	0:59	20:06:40	41:06:15	600	90	2.0	#88f Mass Func	2	
0108.BDp404032	60	0:59	20:06:40	41:06:15	600	90	2.0	#88f Mass Func	2	
0109.COMP	20	0:59	20:06:40	41:06:15	600	90	2.0	#88f Mass Func	2	
0110.HD192281	6	0:59	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0111.HD192281	6	0:59	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0112.HD192281	6	0:59	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0113.COMP	20	0:59	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0114.BDp284211	60	0:59	21:48:57.1	28:37:48	600	90	2.0	#88f Mass Func	2	
0115.BDp284211	60	0:59	21:48:57.1	28:37:48	600	90	2.0	#88f Mass Func	2	
0116.COMP	20	0:59	21:48:57.1	28:37:48	600	90	2.0	#88f Mass Func	2	



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



Page 9223

UT Date 2001-05-26 Observers P BerlindColl. Focus 1180 Grating/Grism 300

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0117.HD202109	60	0:59	21:12:56.2	30:13:36	600	90	2.0	#88f Mass Func	2	
0118.HD202109	40	0:59	21:12:56.2	30:13:36	600	90	2.0	#88f Mass Func	2	
0119.COMP	20	0:59	21:12:56.2	30:13:36	600	90	2.0	#88f Mass Func	2	
0120.HD198809	40	0:59	20:52:07.7	27:05:49	600	90	2.0	#88f Mass Func	2	clear @ dawn
0121.HD198809	40	0:59	20:52:07.7	27:05:49	600	90	2.0	#88f Mass Func	2	
0122.COMP	20	0:59	20:52:07.7	27:05:49	600	90	2.0	#88f Mass Func	2	
0123-0132.BIAS	0	11:26	20:52:07.7	27:05:49	600	90	2.0	#88f Mass Func	2	
0133-0142.FLAT	55	11:36	20:52:07.7	27:05:49	600	90	2.0	#88f Mass Func	2	
0143-0152.DARK	1200	14:40	20:52:07.7	27:05:49	600	90	2.0	#88f Mass Func	2	