



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG



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UT Date 2001-11-13 Observers P BerlindColl. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.BIAS	0	0:31	20:36:18.0	31:29:53	600	90	2.0	#88f Mass Func	2	
0006-0010.BIAS	0	0:32	20:37:23.0	31:29:52	600	90	2.0	#88f Mass Func	2	
0011.FLAT	55	0:32	20:39:07.0	31:29:52	600	90	2.0	#88f Mass Func	2	solid clouds
0012-0014.FLAT	55	0:36	20:42:35.0	31:29:52	600	90	2.0	#88f Mass Func	2	
0015-0020.FLAT	55	0:43	20:49:36.0	31:29:51	600	90	2.0	#88f Mass Func	2	
0021.COMP	20	0:43	20:51:03.0	31:29:51	600	90	2.0	#88f Mass Func	2	
0022-0023.DARK	900	2:04	22:24:53.0	31:29:44	600	90	2.0	#88f Mass Func	2	
0024-0025.DARK	900	2:35	22:55:21.0	31:29:43	600	90	2.0	#88f Mass Func	2	
0026-0028.DARK	900	3:21	23:41:10.0	31:29:42	600	90	2.0	#88f Mass Func	2	
0029-0030.DARK	900	3:51	00:11:40.0	31:29:43	600	90	2.0	#88f Mass Func	2	
0031.DARK	900	3:51	00:26:56.0	31:29:44	600	90	2.0	#88f Mass Func	2	
0032.NGC1023	20	3:51	02:37:15.8	38:50:55	600	90	2.0	#88f Mass Func	2	sucker hole
0033.NGC1023	240	3:51	02:37:15.8	38:50:55	600	87	2.0	#88f Mass Func	2	
0034.NGC1023	240	3:51	02:37:15.8	38:50:55	600	87	2.0	#88f Mass Func	2	
0035.COMP	20	3:51	02:37:15.8	38:50:55	600	87	2.0	#88f Mass Func	2	
0036.Hiltner600	90	3:51	06:42:37.2	02:11:25	600	0	2.0	#56 Spectropho	2	4am sucker hole
0037.Hiltner600	90	3:51	06:42:37.2	02:11:25	600	0	2.0	#56 Spectropho	2	
0038.COMP	20	3:51	06:42:37.2	02:11:25	600	0	2.0	#56 Spectropho	2	
0039.COMP	20	3:51	07:21:04.5	39:49:08	600	0	2.0	#88 Mass Funct	2	
0040.MF4010	900	3:51	07:21:04.5	39:49:08	600	77	2.0	#88 Mass Funct	2	



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0041.MF4010	900	3:51	07:21:04.5	39:49:08	600	77	2.0	#88 Mass Funct	2	
0042.MF4010	900	3:51	07:21:04.5	39:49:08	600	77	2.0	#88 Mass Funct	2	clouds.
0043.COMP	20	3:51	07:21:04.5	39:49:08	600	77	2.0	#88 Mass Funct	2	
0044-0053.BIAS	0	11:36	07:21:04.5	39:49:08	600	77	2.0	#88 Mass Funct	2	
0054-0063.FLAT	55	11:48	07:21:04.5	39:49:08	600	77	2.0	#88 Mass Funct	2	