



## WHIPPLE OBSERVATORY

## FAST SPECTROGRAPH LOG



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.test	2	2:17	21:58:20.0	31:29:45	300	90	3.0	#57 Velocity S	4	computer problems
0002.test	2	2:17	21:58:29.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0003.test	2	2:17	21:58:38.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0004.test	2	2:17	21:58:50.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0005.test	2	2:17	21:58:59.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0006.test	2	2:17	21:59:12.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0007.test	2	2:17	21:59:21.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0008.test	2	2:17	21:59:33.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0009.test	2	2:17	21:59:42.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0010.test	2	2:17	21:59:51.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0011-0015.BIAS	0	2:19	22:00:39.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0016.BIAS	0	2:19	22:00:48.0	31:29:44	300	90	3.0	#57 Velocity S	4	
0017-0020.BIAS	0	2:20	22:01:22.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	8	2:22	22:04:07.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:27	22:08:44.0	31:29:45	300	90	3.0	#57 Velocity S	2	
0041-0046.FLAT	16	2:30	22:11:47.0	31:29:45	300	90	3.0	#57 Velocity S	2	
0047-0050.FLAT	16	2:32	22:13:44.0	31:29:44	300	90	3.0	#57 Velocity S	2	
0051.N7331	240	2:32	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	clouds. clearing...
0052.COMP	5	2:32	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0053.id1023	720	2:32	20:07:32.3	35:36:08	300	90	3.0	#115 PMS NGC68	4	



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0054.COMP	5	2:32	20:07:32.3	35:36:08	300	90	3.0	#115 PMS NGC68	4	
0055.id1304	720	2:32	20:07:04.2	35:45:53	300	90	3.0	#115 PMS NGC68	4	
0056.COMP	5	2:32	20:07:04.2	35:45:53	300	90	3.0	#115 PMS NGC68	4	
0057.id1551	720	2:32	20:06:32.1	35:47:52	300	90	3.0	#115 PMS NGC68	4	
0058.COMP	5	2:32	20:06:32.1	35:47:52	300	90	3.0	#115 PMS NGC68	4	
0059.id1899	720	2:32	20:05:53.6	35:35:26	300	90	3.0	#115 PMS NGC68	4	
0060.COMP	5	2:32	20:05:53.6	35:35:26	300	90	3.0	#115 PMS NGC68	4	
0061.id2320	720	2:32	20:04:53.2	35:36:47	300	90	3.0	#115 PMS NGC68	4	
0062.COMP	5	2:32	20:04:53.2	35:36:47	300	90	3.0	#115 PMS NGC68	4	
0063.sn2001fh	1200	2:32	21:20:42.5	+44:23:53	300	90	3.0	#2 SN Observat	2	
0064.COMP	10	2:32	21:20:42.5	+44:23:53	300	90	3.0	#2 SN Observat	2	
0065.a168_264	1200	2:32	01:15:02.7	1:39:04	300	90	3.0	#64 Cluster In	4	
0066.COMP	5	2:32	01:15:02.7	1:39:04	300	90	3.0	#64 Cluster In	4	
0067.a168_269	720	2:32	01:18:06.1	-2:06:51	300	90	3.0	#64 Cluster In	4	
0068.COMP	5	2:32	01:18:06.1	-2:06:51	300	90	3.0	#64 Cluster In	4	
0069.a168_270	900	2:32	01:11:54.8	1:44:10	300	90	3.0	#64 Cluster In	4	
0070.COMP	5	2:32	01:11:54.8	1:44:10	300	90	3.0	#64 Cluster In	4	
0071.a168_276	900	2:32	01:21:52.0	0:00:33	300	90	3.0	#64 Cluster In	4	
0072.COMP	5	2:32	01:21:52.0	0:00:33	300	90	3.0	#64 Cluster In	4	
0073.a168_281	720	2:32	01:21:03.6	1:35:29	300	90	3.0	#64 Cluster In	4	



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0074.COMP	5	2:32	01:21:03.6	1:35:29	300	90	3.0	#64 Cluster In	4	
0075.ZAnd	1	2:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0076.ZAnd	3	2:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0077.ZAnd	5	2:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0078.ZAnd	15	2:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0079.COMP	5	2:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0080.a168_283	180	2:32	01:16:30.4	2:28:09	300	90	3.0	#64 Cluster In	4	star
0081.a168_288	1200	2:32	01:12:39.5	2:38:19	300	90	3.0	#64 Cluster In	4	
0082.COMP	5	2:32	01:12:39.5	2:38:19	300	90	3.0	#64 Cluster In	4	
0083.a168_290	900	2:32	01:19:31.9	2:07:48	300	90	3.0	#64 Cluster In	4	
0084.COMP	5	2:32	01:19:31.9	2:07:48	300	90	3.0	#64 Cluster In	4	
0085.a168_290	900	2:32	01:19:31.9	2:07:48	300	90	3.0	#64 Cluster In	4	
0086.COMP	5	2:32	01:19:31.9	2:07:48	300	90	3.0	#64 Cluster In	4	
0087.a168_292	900	2:32	01:13:00.2	1:40:27	300	90	3.0	#64 Cluster In	4	
0088.COMP	5	2:32	01:13:00.2	1:40:27	300	90	3.0	#64 Cluster In	4	
0089.a168_294	1200	2:32	01:08:35.3	1:56:36	300	90	3.0	#64 Cluster In	4	
0090.COMP	5	2:32	01:08:35.3	1:56:36	300	90	3.0	#64 Cluster In	4	
0091.a496_342	600	2:32	04:16:59.5	-12:22:05	300	90	3.0	#64 Cluster In	4	
0092.COMP	5	2:32	04:16:59.5	-12:22:05	300	90	3.0	#64 Cluster In	4	
0093.a496_362	900	2:32	04:14:39.8	-13:15:38	300	90	3.0	#64 Cluster In	4	



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0094.COMP	5	2:32	04:14:39.8	-13:15:38	300	90	3.0	#64 Cluster In	4	
0095.a496_361	600	2:32	04:22:11.9	-16:51:52	300	90	3.0	#64 Cluster In	4	
0096.COMP	5	2:32	04:22:11.9	-16:51:52	300	90	3.0	#64 Cluster In	4	
0097.a496_359	900	2:32	04:47:59.4	-14:10:46	300	90	3.0	#64 Cluster In	4	
0098.COMP	5	2:32	04:47:59.4	-14:10:46	300	90	3.0	#64 Cluster In	4	
0099.sn2001ep	1200	2:32	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0100.COMP	5	2:32	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0101.a496_358	600	2:32	04:50:14.7	-14:25:57	300	90	3.0	#64 Cluster In	4	
0102.COMP	5	2:32	04:50:14.7	-14:25:57	300	90	3.0	#64 Cluster In	4	
0103.a496_355	900	2:32	04:51:48.7	-13:51:03	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	2:32	04:51:48.7	-13:51:03	300	90	3.0	#64 Cluster In	4	
0105.a496_351	900	2:32	04:17:42.7	-14:02:06	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	2:32	04:17:42.7	-14:02:06	300	90	3.0	#64 Cluster In	4	
0107.a496_366	480	2:32	04:53:12.1	-13:29:41	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	2:32	04:53:12.1	-13:29:41	300	90	3.0	#64 Cluster In	4	
0109.a496_367	600	2:32	04:48:05.9	-16:34:04	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	2:32	04:48:05.9	-16:34:04	300	90	3.0	#64 Cluster In	4	
0111.a496_369	600	2:32	04:18:10.6	-12:50:32	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	2:32	04:18:10.6	-12:50:32	300	90	3.0	#64 Cluster In	4	
0113.a496_376	900	2:32	04:47:27.3	-13:05:59	300	90	3.0	#64 Cluster In	4	



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0114.COMP	5	2:32	04:47:27.3	-13:05:59	300	90	3.0	#64 Cluster In	4	
0115.Hiltner600	60	2:32	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0116.Hiltner600	60	2:32	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0117.COMP	10	2:32	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0118.BGGem	1200	2:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0119.BGGem	300	2:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0120.COMP	10	2:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0121.2M054124.6p610043	720	2:32	05:41:24.6	+61:00:43	300	90	3.0	#68 2MASS Reds	4	
0122.COMP	5	2:32	05:41:24.6	+61:00:43	300	90	3.0	#68 2MASS Reds	4	
0123.2M054308.5p603610	300	2:32	05:43:08.5	+60:36:10	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	2:32	05:43:08.5	+60:36:10	300	90	3.0	#68 2MASS Reds	4	
0125.2M054437.6p415937	300	2:32	05:44:37.6	+41:59:37	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	2:32	05:44:37.6	+41:59:37	300	90	3.0	#68 2MASS Reds	4	
0127.sn2001XX.host	180	2:32	08:52:16.5	-17:44:29	300	-10	3.0	#2 SN Observat	2	
0128.sn2001XX	900	2:32	08:52:16.5	-17:44:29	300	-10	3.0	#2 SN Observat	2	
0129.COMP	10	2:32	08:52:16.5	-17:44:29	300	-10	3.0	#2 SN Observat	2	
0130.Feige34	120	2:32	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0131.Feige34	120	2:32	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0132.COMP	10	2:32	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0133.MRK421	300	2:32	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0134.COMP	10	2:32	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	hazy and cool @ dawn
0135-0144.BIAS	0	12:45	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0145-0154.FLAT	8	12:48	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0155-0164.BIAS	0	12:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0165-0174.FLAT	16	12:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0175-0184.DARK	900	15:16	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	