



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0006.DARK	1200	0:16	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0007.BIAS	0	0:16	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	clear skies!
0008-0020.BIAS	0	1:03	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	1:05	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:08	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	16	1:12	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	12	1:18	19:23:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:18	19:23:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD192281	6	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0058.HD192281	6	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0059.HD192281	6	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0061.id1973	720	1:18	20:05:45.6	35:36:43	300	90	3.0	#115 PMS NGC68	4	redo from yesterday
0062.COMP	5	1:18	20:05:45.6	35:36:43	300	90	3.0	#115 PMS NGC68	4	
0063.id2694	900	1:18	19:59:42.4	35:23:10	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	1:18	19:59:42.4	35:23:10	300	90	3.0	#115 PMS NGC68	4	
0065.sn2001et	1200	1:18	20:19:35.0	-18:09:49	300	7	3.0	#2 SN Observat	2	
0066.COMP	10	1:18	20:19:35.0	-18:09:49	300	7	3.0	#2 SN Observat	2	
0067.MRK509	180	1:18	20:44:09.8	-10:43:24	300	7	3.0	#6 AGN Monitor	4	
0068.MRK509	180	1:18	20:44:09.8	-10:43:24	300	7	3.0	#6 AGN Monitor	4	



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0069.COMP	5	1:18	20:44:09.8	-10:43:24	300	7	3.0	#6 AGN Monitor	4	
0070.id2631	900	1:18	20:00:02.7	35:18:56	300	90	3.0	#115 PMS NGC68	4	
0071.COMP	5	1:18	20:00:02.7	35:18:56	300	90	3.0	#115 PMS NGC68	4	
0072.id2509	900	1:18	20:04:15.3	35:42:30	300	90	3.0	#115 PMS NGC68	4	
0073.COMP	5	1:18	20:04:15.3	35:42:30	300	90	3.0	#115 PMS NGC68	4	
0074.id2407	900	1:18	20:04:34.4	35:49:32	300	90	3.0	#115 PMS NGC68	4	
0075.COMP	5	1:18	20:04:34.4	35:49:32	300	90	3.0	#115 PMS NGC68	4	
0076.id1414	900	1:18	20:06:53.3	35:55:55	300	90	3.0	#115 PMS NGC68	4	
0077.COMP	5	1:18	20:06:53.3	35:55:55	300	90	3.0	#115 PMS NGC68	4	
0078.id1093	900	1:18	20:07:25.3	35:36:33	300	90	3.0	#115 PMS NGC68	4	
0079.COMP	5	1:18	20:07:25.3	35:36:33	300	90	3.0	#115 PMS NGC68	4	
0080.id1036	900	1:18	20:07:31.3	35:39:28	300	90	3.0	#115 PMS NGC68	4	wind picking up
0081.COMP	5	1:18	20:07:31.3	35:39:28	300	90	3.0	#115 PMS NGC68	4	
0082.id1467	900	1:18	20:06:45.7	35:47:40	300	90	3.0	#115 PMS NGC68	4	
0083.COMP	5	1:18	20:06:45.7	35:47:40	300	90	3.0	#115 PMS NGC68	4	
0084.id1061	900	1:18	20:07:28.9	35:48:02	300	90	3.0	#115 PMS NGC68	4	
0085.COMP	5	1:18	20:07:28.9	35:48:02	300	90	3.0	#115 PMS NGC68	4	
0086.BDp284211	45	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0087.BDp284211	45	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0088.COMP	10	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	



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0089.ch2302p08c	1200	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	
0090.COMP	5	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	
0091.ch2302p08c	1200	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	continued
0092.COMP	5	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	
0093.ch2303p08d	1200	1:18	23:03:20.4	08:46:12	300	90	3.0	#129 CHAMP Sou	4	
0094.COMP	5	1:18	23:03:20.4	08:46:12	300	90	3.0	#129 CHAMP Sou	4	
0095.ch2348p01c	1200	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	close pair of faint gals
0096.COMP	10	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	
0097.ch2348p01c	1200	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	continued
0098.COMP	10	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	
0099.ch2348p01c	1200	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	hmm
0100.COMP	10	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	
0101.sn2001eh	1200	1:18	01:38:12.1	41:39:18	300	-6	3.0	#2 SN Observat	2	
0102.COMP	10	1:18	01:38:12.1	41:39:18	300	-6	3.0	#2 SN Observat	2	
0103.sn2001en	60	1:18	01:25:22.9	+34:01:30	300	-6	3.0	#2 SN Observat	2	wow; nice bright Ia
0104.sn2001en	900	1:18	01:25:22.9	+34:01:30	300	-6	3.0	#2 SN Observat	2	
0105.COMP	10	1:18	01:25:22.9	+34:01:30	300	-6	3.0	#2 SN Observat	2	
0106.ZAnd	1	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0107.ZAnd	3	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0108.ZAnd	5	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	



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0109.ZAnd	10	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0110.COMP	5	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0111.IRAS_2359p2313	720	1:18	00:01:38.3	+23:29:01	300	90	3.0	#124 COLA	2	
0112.COMP	10	1:18	00:01:38.3	+23:29:01	300	90	3.0	#124 COLA	2	
0113.UGC12915	720	1:18	00:01:41.9	+23:29:44	300	90	3.0	#124 COLA	2	
0114.COMP	10	1:18	00:01:41.9	+23:29:44	300	90	3.0	#124 COLA	2	
0115.IRAS_0000p2142	900	1:18	00:03:08.9	+21:57:34	300	90	3.0	#124 COLA	2	
0116.COMP	10	1:18	00:03:08.9	+21:57:34	300	90	3.0	#124 COLA	2	
0117.IC_1743	900	1:18	01:52:59.6	+12:42:28	300	90	3.0	#124 COLA	2	
0118.COMP	10	1:18	01:52:59.6	+12:42:28	300	90	3.0	#124 COLA	2	
0119.a496_538	600	1:18	04:33:57.7	-10:45:49	300	90	3.0	#64 Cluster In	4	
0120.COMP	5	1:18	04:33:57.7	-10:45:49	300	90	3.0	#64 Cluster In	4	
0121.a496_539	1200	1:18	04:29:54.5	-11:17:22	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	1:18	04:29:54.5	-11:17:22	300	90	3.0	#64 Cluster In	4	
0123.a496_544	420	1:18	04:38:22.4	-11:07:17	300	90	3.0	#64 Cluster In	4	
0124.COMP	5	1:18	04:38:22.4	-11:07:17	300	90	3.0	#64 Cluster In	4	
0125.a496_545	900	1:18	04:41:28.0	-13:57:21	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	1:18	04:41:28.0	-13:57:21	300	90	3.0	#64 Cluster In	4	
0127.a496_550	900	1:18	04:24:26.9	-14:03:05	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	1:18	04:24:26.9	-14:03:05	300	90	3.0	#64 Cluster In	4	



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0129.HZ14	300	1:18	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0130.COMP	10	1:18	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0131.sn2001ep	1200	1:18	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	another bright Ia!
0132.COMP	10	1:18	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0133.a496_554	720	1:18	04:43:22.6	-15:33:15	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	1:18	04:43:22.6	-15:33:15	300	90	3.0	#64 Cluster In	4	
0135.a496_564	900	1:18	04:28:05.6	-11:00:50	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	1:18	04:28:05.6	-11:00:50	300	90	3.0	#64 Cluster In	4	
0137.a496_567	660	1:18	04:30:38.8	-15:55:51	300	90	3.0	#64 Cluster In	4	
0138.COMP	5	1:18	04:30:38.8	-15:55:51	300	90	3.0	#64 Cluster In	4	
0139.a496_572	660	1:18	04:45:12.6	-15:06:36	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	1:18	04:45:12.6	-15:06:36	300	90	3.0	#64 Cluster In	4	
0141.a496_573	480	1:18	04:31:13.2	-14:59:49	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	1:18	04:31:13.2	-14:59:49	300	90	3.0	#64 Cluster In	4	
0143.BGGem	1200	1:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0144.BGGem	300	1:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0145.COMP	10	1:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0146.HD52971	5	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0147.HD52971	5	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0148.HD52971	3	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	



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0149.COMP	5	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0150.Hiltner600	60	1:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0151.Hiltner600	60	1:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0152.COMP	10	1:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0153.BIAS	0	1:18	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	clear @ dawn!
0154-0162.BIAS	0	12:40	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0163-0172.FLAT	8	12:42	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0173-0182.BIAS	0	12:47	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	2	
0183-0192.FLAT	16	12:55	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	2	
0193-0202.DARK	900	15:27	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	