



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	0:18	04:08:03.0	31:30:04	300	14	3.0	All	2	
0010.BIAS	0	0:18	04:08:16.0	31:30:05	300	14	3.0	All	2	
0011-0023.FLAT	16	0:25	04:15:25.0	31:30:05	300	14	3.0	All	2	
0024-0030.FLAT	16	0:28	04:18:45.0	31:30:06	300	14	3.0	All	2	
0031.DARK	900	0:32	04:37:24.0	31:30:08	300	14	3.0	All	2	
0032.DARK	900	0:47	04:52:39.0	31:30:11	300	14	3.0	All	2	
0033.DARK	900	1:02	05:07:54.0	31:30:13	300	14	3.0	All	2	
0034.DARK	900	1:18	05:23:10.0	31:30:15	300	14	3.0	All	2	
0035.sky	4	1:40	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0036.COMP	5	1:41	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0037-0038.sky	4	1:42	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0039.COMP	5	1:42	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0040.sky	7	1:43	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0041-0042.sky	11	1:44	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0043.COMP	5	1:45	7:0:0	+31:30:00	300	14	3.0	#57 Velocity S	2	
0044.sky	6	1:47	04:00:00	+31:30:00	300	14	3.0	#57 Velocity S	2	
0045.sky	15	1:47	04:00:00	+31:30:00	300	14	3.0	#57 Velocity S	2	
0046.COMP	5	1:48	04:00:00	+31:30:00	300	14	3.0	#57 Velocity S	2	
0047.HD52971	2	1:54	06:57:51	+27:13:42	300	-71	3.0	#57 Velocity S	2	
0048.HD52971	2	1:56	06:57:51	+27:13:42	300	-71	3.0	#57 Velocity S	2	



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0049.HD52971	2	1:56	06:57:51	+27:13:42	300	-71	3.0	#57 Velocity S	2	
0050.COMP	5	1:56	06:57:51	+27:13:42	300	-71	3.0	#57 Velocity S	2	
0051.Hiltner600	60	2:01	06:42:37.2	02:11:25	300	-22	3.0	#56 Spectropho	2	
0052.Hiltner600	60	2:04	06:42:37.2	02:11:25	300	-22	3.0	#56 Spectropho	2	
0053.COMP	5	2:05	06:42:37.2	02:11:25	300	-22	3.0	#56 Spectropho	2	
0054.sn2002ap	1200	2:24	01:36:23.8	+15:45:13	300	61	3.0	#2 SN Observat	2	HA limits hit - eff exp time 731 sec
0055.COMP	10	2:38	01:36:23.8	+15:45:13	300	61	3.0	#2 SN Observat	2	
0056.vso-55413	600	2:42	05:36:10.3	00:29:56	300	21	3.0	112 Orion PMS	2	
0057.COMP	10	2:53	05:36:10.3	00:29:56	300	21	3.0	112 Orion PMS	2	
0058.vso-54153	600	2:55	05:34:59.8	00:46:17	300	27	3.0	112 Orion PMS	2	
0059.COMP	10	3:05	05:34:59.8	00:46:17	300	27	3.0	112 Orion PMS	2	
0060.vso-56615	600	3:07	05:37:16.4	00:47:38	300	30	3.0	112 Orion PMS	2	target at y=82
0061.COMP	10	3:17	05:37:16.4	00:47:38	300	30	3.0	112 Orion PMS	2	
0062.vso-60084	600	3:20	05:40:24.7	00:42:33	300	33	3.0	112 Orion PMS	2	
0063.COMP	10	3:31	05:40:24.7	00:42:33	300	33	3.0	112 Orion PMS	2	
0064.vso-57745	600	3:33	05:38:17.8	00:46:18	300	36	3.0	112 Orion PMS	2	target y=85, nearby star y=94
0065.COMP	10	3:43	05:38:17.8	00:46:18	300	36	3.0	112 Orion PMS	2	
0066.vso-56378	600	3:45	05:37:03.3	00:43:25	300	40	3.0	112 Orion PMS	2	
0067.COMP	10	3:55	05:37:03.3	00:43:25	300	40	3.0	112 Orion PMS	2	
0068.vso-60250	900	3:57	05:40:32.8	00:51:44	300	42	3.0	112 Orion PMS	2	



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0069.COMP	10	4:12	05:40:32.8	00:51:44	300	42	3.0	112 Orion PMS	2	
0070.vso-61753	600	4:14	05:41:48.2	00:42:47	300	44	3.0	112 Orion PMS	2	
0071.COMP	10	4:24	05:41:48.2	00:42:47	300	44	3.0	112 Orion PMS	2	
0072.vso-60558	660	4:27	05:40:49.7	00:42:48	300	46	3.0	112 Orion PMS	2	
0073.COMP	10	4:38	05:40:49.7	00:42:48	300	46	3.0	112 Orion PMS	2	
0074.MRK110	360	4:43	09:25:12.9	+52:17:10	300	31	3.0	#6 AGN Monitor	2	target at y=83
0075.COMP	10	4:49	09:25:12.9	+52:17:10	300	31	3.0	#6 AGN Monitor	2	
0076.sn2002bf	1200	4:54	10:15:42.3	+55:40:06	300	45	3.0	#2 SN Observat	2	
0077.COMP	10	5:14	10:15:42.3	+55:40:06	300	45	3.0	#2 SN Observat	2	
0078.sn2002bo	1200	5:19	10:18:06.5	+21:49:41	300	-54	3.0	#2 SN Observat	2	
0079.COMP	10	5:40	10:18:06.5	+21:49:41	300	-54	3.0	#2 SN Observat	2	
0080.Feige34	120	5:43	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0081.COMP	10	5:46	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0082.Feige34	120	5:46	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0083.COMP	10	5:49	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0084-0093.BIAS	0	5:55	09:40:00	+31:30:00	600	90	2.0	#56 Spectropho	2	
0094-0108.FLAT	45	6:17	09:40:00	+31:30:00	600	90	2.0	#56 Spectropho	2	
0109.Feige34	120	6:22	10:36:41.2	43:21:50	600	29	2.0	#56 Spectropho	2	
0110.Feige34	120	6:25	10:36:41.2	43:21:50	600	29	2.0	#56 Spectropho	2	
0111.COMP	10	6:27	10:36:41.2	43:21:50	600	29	2.0	#56 Spectropho	2	



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0112.m67_5169	600	6:30	8:50:46.1	11:43:08	600	43	2.0	#10 M67 stars	2	target at y=83
0113.m67_5169	600	6:41	8:50:46.1	11:43:08	600	43	2.0	#10 M67 stars	2	
0114.COMP	10	6:51	8:50:46.1	11:43:08	600	43	2.0	#10 M67 stars	2	
0115.m67_5679	600	6:54	8:51:20.3	11:45:52	600	49	2.0	#10 M67 stars	2	
0116.m67_5679	600	7:04	8:51:20.3	11:45:52	600	49	2.0	#10 M67 stars	2	
0117.COMP	10	7:14	8:51:20.3	11:45:52	600	49	2.0	#10 M67 stars	2	
0118.HD96436	2	7:18	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0119.HD96436	2	7:18	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0120.HD96436	2	7:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0121.COMP	10	7:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0122.HD87141	2	7:22	10:01:17.7	+54:08:04	600	-34	2.0	#10 M67 stars	2	
0123.HD87141	2	7:23	10:01:17.7	+54:08:04	600	-34	2.0	#10 M67 stars	2	
0124.HD87141	2	7:23	10:01:17.7	+54:08:04	600	-34	2.0	#10 M67 stars	2	
0125.COMP	10	7:24	10:01:17.7	+54:08:04	600	-34	2.0	#10 M67 stars	2	
0126.m67_5688	900	7:28	8:51:20.5	11:46:16	600	54	2.0	#10 M67 stars	2	
0127.COMP	10	7:44	8:51:20.5	11:46:16	600	54	2.0	#10 M67 stars	2	
0128.m67_6169	900	7:46	8:51:48.8	11:56:50	600	57	2.0	#10 M67 stars	2	
0129.COMP	10	8:02	8:51:48.8	11:56:50	600	57	2.0	#10 M67 stars	2	
0130.m67_5864	900	8:03	8:51:29.4	11:54:13	600	59	2.0	#10 M67 stars	2	
0131.COMP	10	8:19	8:51:29.4	11:54:13	600	59	2.0	#10 M67 stars	2	



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0132.m67_5318	900	8:21	8:50:58.1	11:52:22	600	59	2.0	#10 M67 stars	2	
0133.COMP	10	8:42	12:00:34.2	29:48:49	600	73	2.0	#122 Halo Star	2	
0134.hs838	900	8:44	12:00:34.2	29:48:49	600	90	2.0	#122 Halo Star	2	
0135.COMP	10	9:00	12:00:34.2	29:48:49	600	90	2.0	#122 Halo Star	2	
0136.hs839	900	9:02	12:00:55.8	30:36:30	600	90	2.0	#122 Halo Star	2	
0137.COMP	10	9:17	12:00:55.8	30:36:30	600	90	2.0	#122 Halo Star	2	
0138.hs839	600	9:18	12:00:55.8	30:36:30	600	90	2.0	#122 Halo Star	2	
0139.COMP	10	9:30	12:00:55.8	30:36:30	600	90	2.0	#122 Halo Star	2	
0140.hs840	1200	9:31	12:01:16.4	29:12:35	600	90	2.0	#122 Halo Star	2	
0141.COMP	10	9:52	12:01:16.4	29:12:35	600	90	2.0	#122 Halo Star	2	
0142.hs841	1200	9:53	12:03:03.4	29:21:26	600	90	2.0	#122 Halo Star	2	
0143.COMP	10	10:14	12:03:03.4	29:21:26	600	90	2.0	#122 Halo Star	2	
0144.hs843	600	10:16	12:07:30.7	29:48:39	600	90	2.0	#122 Halo Star	2	
0145.hs842	900	10:28	12:03:17.3	28:48:18	600	90	2.0	#122 Halo Star	2	bad seeing
0146.COMP	10	10:43	12:03:17.3	28:48:18	600	90	2.0	#122 Halo Star	2	
0147.hs842	900	10:46	12:03:17.3	28:48:18	600	90	2.0	#122 Halo Star	2	
0148.COMP	10	11:01	12:03:17.3	28:48:18	600	90	2.0	#122 Halo Star	2	
0149.hs847	240	11:07	12:12:54.7	30:26:27	600	90	2.0	#122 Halo Star	2	horrible seeing, 4
0150.COMP	10	11:12	12:12:54.7	30:26:27	600	90	2.0	#122 Halo Star	2	
0151.hs847	300	11:12	12:12:54.7	30:26:27	600	90	2.0	#122 Halo Star	2	



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0152.COMP	10	11:19	12:34:12.8	30:39:46	600	90	2.0	#122 Halo Star	2	
0153.hs861	200	11:20	12:34:12.8	30:39:46	600	90	2.0	#122 Halo Star	2	
0154.COMP	10	11:24	12:34:12.8	30:39:46	600	90	2.0	#122 Halo Star	2	
0155.hs859	200	11:29	12:30:42.3	30:06:38	600	90	2.0	#122 Halo Star	2	
0156.COMP	10	11:35	12:30:42.3	30:06:38	600	90	2.0	#122 Halo Star	2	
0157.hs878	600	11:38	12:59:52.2	30:14:32	600	90	2.0	#122 Halo Star	2	
0158.COMP	10	11:48	12:59:52.2	30:14:32	600	90	2.0	#122 Halo Star	2	
0159.hs901	600	11:50	13:31:53.9	30:00:10	600	90	2.0	#122 Halo Star	2	
0160.COMP	10	12:00	13:31:53.9	30:00:10	600	90	2.0	#122 Halo Star	2	
0161.hs885	360	12:02	13:06:41.3	29:53:44	600	90	2.0	#122 Halo Star	2	
0162.COMP	10	12:08	13:06:41.3	29:53:44	600	90	2.0	#122 Halo Star	2	
0163.hs900	1100	12:10	13:30:16.2	29:47:36	600	90	2.0	#122 Halo Star	2	
0164.COMP	10	12:29	13:30:16.2	29:47:36	600	90	2.0	#122 Halo Star	2	