



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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Coll. Focus 1015 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:57	02:51:30.6	+31:28:31	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	23:12	03:06:41.0	+31:28:35	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	23:28	03:21:47.8	+31:28:39	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	23:43	03:36:58.4	+31:28:44	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	23:58	03:52:05.2	+31:28:49	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	0:13	04:07:15.8	+31:28:54	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	0:28	04:22:22.8	+31:29:00	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	0:43	04:37:33.3	+31:29:05	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	0:58	04:52:44.0	+31:29:12	300	90	3.0	#57 Velocity S	4	
0010.BIAS	0	1:16	04:55:07.8	+31:29:12	300	90	3.0	#57 Velocity S	4	
0011-0019.BIAS	0	1:17	04:56:08.7	+31:29:13	300	90	3.0	#57 Velocity S	4	
0020-0022.FLAT	8	1:18	04:57:30.2	+31:29:13	300	90	3.0	#57 Velocity S	4	
0023-0029.FLAT	8	1:20	04:59:10.6	+31:29:14	300	90	3.0	#57 Velocity S	4	
0030-0034.sky	2	1:38	05:18:02.1	+31:29:22	300	90	3.0	#57 Velocity S	4	
0035.COMP	5	1:39	05:18:32.6	+31:29:23	300	90	3.0	#57 Velocity S	4	
0036-0038.BIAS	0	1:41	05:20:38.1	+31:29:23	300	90	3.0	#57 Velocity S	2	
0039-0045.BIAS	0	1:43	05:22:05.2	+31:29:24	300	90	3.0	#57 Velocity S	2	
0046-0050.FLAT	16	1:45	05:25:02.4	+31:29:25	300	90	3.0	#57 Velocity S	2	
0051-0055.FLAT	16	1:48	05:27:21.8	+31:29:26	300	90	3.0	#57 Velocity S	2	
0056-0060.FLAT	16	1:50	05:29:44.6	+31:29:27	300	90	3.0	#57 Velocity S	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061-0065.FLAT	16	1:52	05:32:07.5	+31:29:28	300	90	3.0	#57 Velocity S	2	
0066.G191B2B	150	2:22	05:01:31.5	52:45:52	300	-30	3.0	#56 Spectropho	2	
0067.COMP	12	2:25	05:01:31.5	52:45:52	300	-30	3.0	#56 Spectropho	2	
0068.sn2005-n1599	1200	2:31	04:31:38.8	-04:35:06	300	31	3.0	#2 SN Observat	2	row=77
0069.COMP	12	2:52	04:31:38.8	-04:35:06	300	31	3.0	#2 SN Observat	2	
0070.Hiltner600	60	2:56	06:42:37.2	02:11:25	300	-4	3.0	#56 Spectropho	2	
0071.COMP	12	2:58	06:42:37.2	02:11:25	300	-4	3.0	#56 Spectropho	2	
0072.2M04371588p2504027	720	3:03	04:37:15.8	+25:04:02	300	85	3.0	#141 Mapping t	2	
0073.COMP	12	3:16	04:37:15.8	+25:04:02	300	85	3.0	#141 Mapping t	2	
0074.2M04372528p1245084	720	3:18	04:37:25.2	+12:45:08	300	90	3.0	#141 Mapping t	2	
0075.COMP	12	3:31	04:37:25.2	+12:45:08	300	90	3.0	#141 Mapping t	2	
0076.2M04372915p2125009	720	3:33	04:37:29.1	+21:25:00	300	90	3.0	#141 Mapping t	2	
0077.COMP	12	3:45	04:37:29.1	+21:25:00	300	90	3.0	#141 Mapping t	2	
0078.2M04373580p0144543	600	3:48	04:37:35.7	+01:44:54	300	90	3.0	#141 Mapping t	2	
0079.COMP	12	3:59	04:37:35.7	+01:44:54	300	90	3.0	#141 Mapping t	2	
0080.XS02553B3_006	780	4:09	6:49:14.0	-4:30:57	300	90	3.0	#152 ChaMPlane	2	
0081.COMP	12	4:22	6:49:14.0	-4:30:57	300	90	3.0	#152 ChaMPlane	2	
0082.2M08311018+0936194	480	4:25	8:31:10.1	+09:36:19	300	90	3.0	#141 Mapping t	2	
0083.COMP	12	4:33	8:31:10.1	+09:36:19	300	90	3.0	#141 Mapping t	2	
0084.2M08311919+3626166	480	4:37	8:31:19.1	+36:26:16	300	90	3.0	#141 Mapping t	2	



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0085.COMP	12	4:45	8:31:19.1	+36:26:16	300	90	3.0	#141 Mapping t	2	
0086.2M08330822+0009436	480	4:59	8:33:8.2	+00:09:43	300	95	3.0	#141 Mapping t	2	
0087.COMP	12	5:07	8:33:8.2	+00:09:43	300	95	3.0	#141 Mapping t	2	
0088.2M08334012+0957493	360	5:09	8:33:40.1	+09:57:49	300	90	3.0	#141 Mapping t	2	
0089.COMP	12	5:16	8:33:40.1	+09:57:49	300	90	3.0	#141 Mapping t	2	
0090.2M08354710-0156381	300	5:18	8:35:47.1	-01:56:38	300	90	3.0	#141 Mapping t	2	
0091.COMP	12	5:23	8:35:47.1	-01:56:38	300	90	3.0	#141 Mapping t	2	
0092.2M08365849+5538443	420	5:27	8:36:58.4	+55:38:44	300	105	3.0	#141 Mapping t	2	
0093.COMP	12	5:35	8:36:58.4	+55:38:44	300	105	3.0	#141 Mapping t	2	
0094.sn2005am	480	5:52	09:16:12.4	-16:18:16	300	4	3.0	#2 SN Observat	2	
0095.COMP	12	6:00	09:16:12.4	-16:18:16	300	4	3.0	#2 SN Observat	2	
0096.2M09335306+3024146	420	6:08	9:33:53.0	+30:24:14	300	90	3.0	#141 Mapping t	2	
0097.COMP	12	6:16	9:33:53.0	+30:24:14	300	90	3.0	#141 Mapping t	2	
0098.2M09351203-0446136	300	6:19	9:35:12.0	-04:46:13	300	100	3.0	#141 Mapping t	2	
0099.COMP	12	6:25	9:35:12.0	-04:46:13	300	100	3.0	#141 Mapping t	2	
0100.2M09352903+3459114	240	6:27	9:35:29.0	+34:59:11	300	90	3.0	#141 Mapping t	2	
0101.COMP	12	6:32	9:35:29.0	+34:59:11	300	90	3.0	#141 Mapping t	2	
0102.2M09363403+2326267	360	6:34	9:36:34.0	+23:26:26	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	6:40	9:36:34.0	+23:26:26	300	90	3.0	#141 Mapping t	2	
0104.N3227	150	6:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	



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0105.N3227	150	6:45	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0106.COMP	12	6:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0107.N3379	180	6:50	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0108.COMP	12	6:54	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0109.115348+32180	900	7:20	11:56:23.2	+32:02:20	300	90	3.0	#84f Updated Z	2	
0110.COMP	12	7:36	11:56:23.2	+32:02:20	300	90	3.0	#84f Updated Z	2	
0111.120054+16460	300	7:43	12:03:27.3	+16:29:10	300	90	3.0	#84f Updated Z	2	
0112.COMP	12	7:49	12:03:27.3	+16:29:10	300	90	3.0	#84f Updated Z	2	
0113.120212+31260	300	7:50	12:04:45.2	+31:09:38	300	90	3.0	#84f Updated Z	2	
0114.COMP	12	7:56	12:04:45.2	+31:09:38	300	90	3.0	#84f Updated Z	2	
0115.120242+10550	600	7:58	12:05:12.5	+10:38:26	300	90	3.0	#84f Updated Z	2	
0116.COMP	12	8:09	12:05:12.5	+10:38:26	300	90	3.0	#84f Updated Z	2	
0117.120812+18100	420	8:11	12:10:42.1	+17:53:15	300	90	3.0	#84f Updated Z	2	
0118.COMP	12	8:18	12:10:42.1	+17:53:15	300	90	3.0	#84f Updated Z	2	
0119.120948+29290	600	8:20	12:12:20.7	+29:12:36	300	90	3.0	#84f Updated Z	2	
0120.COMP	12	8:32	12:12:20.7	+29:12:36	300	90	3.0	#84f Updated Z	2	
0121.N4051	150	8:34	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0122.N4051	150	8:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0123.N4051	150	8:39	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0124.COMP	12	8:42	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	



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0125.N5548	150	8:47	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0126.N5548	150	8:50	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0127.N5548	150	8:53	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0128.COMP	12	8:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0129.hs2300	408	9:07	12:32:19.3	50:52:41	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	9:14	12:32:19.3	50:52:41	600	90	2.0	#122 Halo Star	4	
0131.hs2301	246	9:17	12:32:24.3	73:11:43	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	9:21	12:32:24.3	73:11:43	600	90	2.0	#122 Halo Star	4	
0133.hs2302	552	9:23	12:32:43.0	57:08:36	600	90	2.0	#122 Halo Star	4	cloud pass by
0134.COMP	10	9:32	12:32:43.0	57:08:36	600	90	2.0	#122 Halo Star	4	
0135.hs2303	246	9:35	12:32:47.2	37:15:32	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	9:39	12:32:47.2	37:15:32	600	90	2.0	#122 Halo Star	4	
0137.hs2304	246	9:42	12:32:47.3	61:05:32	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	9:46	12:32:47.3	61:05:32	600	90	2.0	#122 Halo Star	4	
0139.hs2305	156	9:48	12:32:48.3	21:23:24	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	9:51	12:32:48.3	21:23:24	600	90	2.0	#122 Halo Star	4	
0141.hs2306	360	9:53	12:33:17.1	61:26:57	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	9:59	12:33:17.1	61:26:57	600	90	2.0	#122 Halo Star	4	
0143.hs2307	594	10:00	12:33:35.3	56:16:01	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	10:11	12:33:35.3	56:16:01	600	90	2.0	#122 Halo Star	4	



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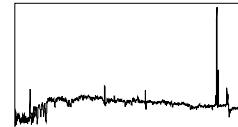
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0145.hs2308	540	10:12	12:33:42.3	57:14:02	600	100	2.0	#122 Halo Star	4	
0146.COMP	10	10:22	12:33:42.3	57:14:02	600	100	2.0	#122 Halo Star	4	
0147.hs2309	372	10:28	12:33:46.3	33:10:57	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	10:35	12:33:46.3	33:10:57	600	90	2.0	#122 Halo Star	4	
0149.hs2310	336	10:39	12:33:55.9	70:57:21	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	10:45	12:33:55.9	70:57:21	600	90	2.0	#122 Halo Star	4	
0151.hs2311	540	10:47	12:34:02.3	37:35:05	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	10:56	12:34:02.3	37:35:05	600	90	2.0	#122 Halo Star	4	
0153.hs2312	234	10:58	12:34:07.1	33:57:00	600	90	2.0	#122 Halo Star	4	
0154.COMP	10	11:02	12:34:07.1	33:57:00	600	90	2.0	#122 Halo Star	4	
0155.hs2313	288	11:04	12:34:15.0	34:14:03	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	11:09	12:34:15.0	34:14:03	600	90	2.0	#122 Halo Star	4	
0157.BDp332642	90	11:11	15:50:03.0	33:05:49	600	90	2.0	#56 Spectropho	4	
0158.COMP	10	11:13	15:50:03.0	33:05:49	600	90	2.0	#56 Spectropho	4	
0159-0168.FLAT	24	11:20	15:50:03.0	33:05:49	600	90	2.0	#6 AGN Monitor	4	
0169.2052_08	600	11:36	15:15:11.6	+07:25:19	300	70	3.0	#64 Cluster an	2	
0170.COMP	12	11:46	15:15:11.6	+07:25:19	300	70	3.0	#64 Cluster an	2	
0171.2052_09	720	11:48	15:18:28.2	+07:39:31	300	90	3.0	#64 Cluster an	2	
0172.COMP	12	12:01	15:18:28.2	+07:39:31	300	90	3.0	#64 Cluster an	2	
0173.2052_10	660	12:02	15:15:59.5	+07:39:53	300	90	3.0	#64 Cluster an	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0174.COMP	12	12:14	15:15:59.5	+07:39:53	300	90	3.0	#64 Cluster an	2	
0175.sn2005ao	1200	12:18	17:44:59.0	+61:56:53	300	43	3.0	#2 SN Observat	2	
0176.COMP	12	12:39	17:44:59.0	+61:56:53	300	43	3.0	#2 SN Observat	2	
0177-0186.BIAS	0	12:47	17:44:59.0	+61:56:53	300	90	3.0	#6 AGN Monitor	4	
0187-0196.FLAT	8	12:50	17:44:59.0	+61:56:53	300	90	3.0	#6 AGN Monitor	4	
0197-0206.BIAS	0	12:55	17:44:59.0	+61:56:53	300	90	3.0	#6 AGN Monitor	2	
0207-0226.FLAT	16	13:07	17:44:59.0	+61:56:53	300	90	3.0	#6 AGN Monitor	2	
0227-0236.DARK	900	15:25	17:44:59.0	+61:56:53	300	90	3.0	#6 AGN Monitor	2	