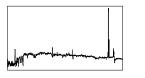


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:20	06:55:03.9	+31:30:05	300	90	3.0	#141 Mapping t	4	
0002.DARK	900	23:35	07:10:15.1	+31:30:12	300	90	3.0	#141 Mapping t	4	
0003.DARK	900	23:50	07:25:29.9	+31:30:18	300	90	3.0	#141 Mapping t	4	
OOO4.DARK	900	0:06	07:40:41.0	+31:30:24	300	90	3.0	#141 Mapping t	4	
0005.DARK	900	0:21	07:55:52.2	+31:30:31	300	90	3.0	#141 Mapping t	4	
0006.DARK	900	0:36	08:11:07.4	+31:30:37	300	90	3.0	#141 Mapping t	4	
0007.DARK	900	0:51	08:26:18.4	+31:30:43	300	90	3.0	#141 Mapping t	4	
0008-0010.BIAS	0	1:06	08:26:40.4	+31:30:43	300	90	3.0	#141 Mapping t	4	
0011-0020.BIAS	0	1:09	08:29:38.0	+31:30:44	300	90	3.0	#141 Mapping t	4	
0021-0024.FLAT	8	1:11	08:31:00.5	+31:30:44	300	90	3.0	#141 Mapping t	4	
0025-0030.FLAT	8	1:13	08:33:01.8	+31:30:45	300	90	3.0	#141 Mapping t	4	
0031-0033.BIAS	0	1:13	08:33:45.2	+31:30:45	300	90	3.0	#141 Mapping t	2	
0034-0040.BIAS	0	1:15	08:35:12.4	+31:30:46	300	90	3.0	#141 Mapping t	2	
0041-0042.FLAT	16	1:16	08:36:21.5	+31:30:46	300	90	3.0	#141 Mapping t	2	
0043-0047.FLAT	16	1:18	08:38:53.3	+31:30:47	300	90	3.0	#141 Mapping t	2	
0048-0053.FLAT	16	1:21	08:41:55.3	+31:30:48	300	90	3.0	#141 Mapping t	2	
0054-0058.FLAT	16	1:24	08:44:27.0	+31:30:49	300	90	3.0	#141 Mapping t	2	
0059-0061.FLAT	16	1:25	08:45:58.0	+31:30:50	300	90	3.0	#141 Mapping t	2	
0062-0066.sky	3	2:20	9:35:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	2:21	9:35:00	32:00:00	300	90	3.0	#57 Velocity S	4	



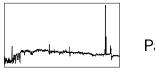


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.HD52071	5	2:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0069.HD52071	5	2:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0070.HD52071	5	2:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0071.COMP	5	2:46	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0072.HD84937	10	2:48	09:48:54.8	13:45:13	300	15	3.0	#56 Spectropho	2	
0073.HD84937	10	2:49	09:48:54.8	13:45:13	300	15	3.0	#56 Spectropho	2	
0074.HD84937	10	2:49	09:48:54.8	13:45:13	300	15	3.0	#56 Spectropho	2	
0075.COMP	10	2:50	09:48:54.8	13:45:13	300	15	3.0	#56 Spectropho	2	
0076.N4151	30	2:52	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0077.N4151	30	2:52	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0078.N4151	90	2:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	10	2:55	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.N4051	150	2:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0081.N4051	150	2:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	10	3:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0083.N3379	180	3:04	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0084.COMP	10	3:07	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0085.2M08314246-0539556	240	3:09	08:31:42.4	-05:39:55	300	90	3.0	#141 Mapping t	4	
0086.COMP	5	3:13	08:31:42.4	-05:39:55	300	90	3.0	#141 Mapping t	4	
0087.2M08350295-0510283	240	3:14	08:35:2.9	-05:10:28	300	90	3.0	#141 Mapping t	4	



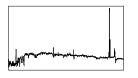


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.COMP	5	3:18	08:35:2.9	-05:10:28	300	90	3.0	#141 Mapping t	4	
0089.2M08365686-0548385	330	3:19	08:36:56.8	-05:48:38	300	90	3.0	#141 Mapping t	4	
0090.COMP	5	3:25	08:36:56.8	-05:48:38	300	90	3.0	#141 Mapping t	4	
0091.sn2005am	1200	3:29	09:16:12.4	-16:18:16	300	29	3.0	#2 SN Observat	2	
0092.COMP	10	3:49	09:16:12.4	-16:18:16	300	29	3.0	#2 SN Observat	2	
0093.sn2005bf	1200	3:51	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	
0094.COMP	10	4:11	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	
0095.2M08330822+0009436	240	4:13	08:33:8.2	+00:09:43	300	90	3.0	#141 Mapping t	4	
0096.COMP	5	4:17	08:33:8.2	+00:09:43	300	90	3.0	#141 Mapping t	4	
0097.2M08354710-0156381	270	4:18	08:35:47.1	-01:56:38	300	90	3.0	#141 Mapping t	4	
0098.COMP	5	4:23	08:35:47.1	-01:56:38	300	90	3.0	#141 Mapping t	4	rt crash
0099.2M08430920-0144211	270	4:28	08:43:9.2	-01:44:21	300	90	3.0	#141 Mapping t	4	
0100.COMP	5	4:33	08:43:9.2	-01:44:21	300	90	3.0	#141 Mapping t	4	
0101.2M08434522-0032041	240	4:33	08:43:45.2	-00:32:4	300	90	3.0	#141 Mapping t	4	
0102.COMP	5	4:37	08:43:45.2	-00:32:4	300	90	3.0	#141 Mapping t	4	
0103.2M08452858-0228416	240	4:38	08:45:28.5	-02:28:41	300	90	3.0	#141 Mapping t	4	
O1O4.COMP	5	4:42	08:45:28.5	-02:28:41	300	90	3.0	#141 Mapping t	4	
0105.2M08525827+1921360	270	4:43	08:52:58.2	+19:21:36	300	90	3.0	#141 Mapping t	4	
0106.COMP	5	4:48	08:52:58.2	+19:21:36	300	90	3.0	#141 Mapping t	4	
0107.2003bo_gal	1800	4:50	09:47:44.0	36:18:22	300	90	3.0	#158 SN Host G	2	



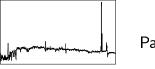


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.COMP	10	5:21	09:47:44.0	36:18:22	300	90	3.0	#158 SN Host G	2	
0109.2003de_gal	1200	5:24	10:10:41.1	35:44:48	300	90	3.0	#158 SN Host G	2	
O110.COMP	10	5:44	10:10:41.1	35:44:48	300	90	3.0	#158 SN Host G	2	
0111.2003cy_gal	1800	5:46	10:46:03.4	27:21:00	300	90	3.0	#158 SN Host G	2	
0112.COMP	10	6:16	10:46:03.4	27:21:00	300	90	3.0	#158 SN Host G	2	
0113.sn2004gk	1200	6:18	12:25:33.2	+12:15:39	300	45	3.0	#2 SN Observat	2	
0114.COMP	10	6:38	12:25:33.2	+12:15:39	300	45	3.0	#2 SN Observat	2	
0115.2003dk_gal	1800	6:41	13:15:31.4	-7:20:53	300	90	3.0	#158 SN Host G	2	ok h-alpha pixel 2503
O116.COMP	10	7:11	13:15:31.4	-7:20:53	300	90	3.0	#158 SN Host G	2	
0117.2002cz_gal	1800	7:13	13:34:02.0	-14:49:20	300	90	3.0	#158 SN Host G	2	
0118.COMP	10	7:43	13:34:02.0	-14:49:20	300	90	3.0	#158 SN Host G	2	
0119.2003cz_gal	1800	7:46	12:05:53.2	33:27:12	300	90	3.0	#158 SN Host G	2	EW close pair of gals
0120.COMP	10	8:16	12:05:53.2	33:27:12	300	90	3.0	#158 SN Host G	2	both have h-alpha at pixel 2667
0121.2003ex_gal	1800	8:19	13:27:32.2	05:31:16	300	90	3.0	#158 SN Host G	2	
0122.COMP	10	8:49	13:27:32.2	05:31:16	300	90	3.0	#158 SN Host G	2	
0123.BDp332642	60	8:51	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0124.BDp332642	60	8:52	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0125.COMP	10	8:53	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0126.2003dj_gal	1800	8:56	13:16:21.5	19:25:51	300	90	3.0	#158 SN Host G	2	ok em
0127.COMP	10	9:27	13:16:21.5	19:25:51	300	90	3.0	#158 SN Host G	2	





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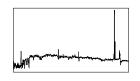
UT Date 2005-05-03 Observers P Berlind

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0128.141242+05030	600	9:28	14:15:12.4	+04:49:24	300	90	3.0	#84f Updated Z	2	
0129.COMP	10	9:38	14:15:12.4	+04:49:24	300	90	3.0	#84f Updated Z	2	
0130.141548+07340	480	9:39	14:18:14.3	+07:20:16	300	90	3.0	#84f Updated Z	4	
0131.COMP	5	9:47	14:18:14.3	+07:20:16	300	90	3.0	#84f Updated Z	4	
0132.142412+22030	420	9:49	14:26:29.3	+21:49:24	300	20	3.0	#84f Updated Z	4	ok em, next to bright star
0133.COMP	5	9:57	14:26:29.3	+21:49:24	300	20	3.0	#84f Updated Z	4	
0134.143048+04070	420	9:58	14:33:17.4	+03:54:10	300	90	3.0	#84f Updated Z	4	
0135.COMP	5	10:06	14:33:17.4	+03:54:10	300	90	3.0	#84f Updated Z	4	
0136.143406+10090	480	10:06	14:36:29.6	+09:56:18	300	90	3.0	#84f Updated Z	4	
0137.COMP	5	10:15	14:36:29.6	+09:56:18	300	90	3.0	#84f Updated Z	4	
0138.143406+03240	600	10:15	14:36:38.4	+03:11:37	300	90	3.0	#84f Updated Z	4	
0139.COMP	5	10:26	14:36:38.4	+03:11:37	300	90	3.0	#84f Updated Z	4	
0140.143542-00090	300	10:26	14:38:16.5	-00:21:00	300	90	3.0	#84f Updated Z	4	
0141.COMP	5	10:32	14:38:16.5	-00:21:00	300	90	3.0	#84f Updated Z	4	
0142.144200-03020	420	10:33	14:44:33.4	-03:13:36	300	90	3.0	#84f Updated Z	4	
0143.COMP	5	10:40	14:44:33.4	-03:13:36	300	90	3.0	#84f Updated Z	4	
0144.144806-01310	480	10:40	14:50:43.1	-01:42:54	300	90	3.0	#84f Updated Z	4	
0145.COMP	5	10:49	14:50:43.1	-01:42:54	300	90	3.0	#84f Updated Z	4	
0146.150700-00350	720	10:50	15:09:30.2	-00:46:17	300	90	3.0	#84f Updated Z	4	
0147.COMP	5	11:02	15:09:30.2	-00:46:17	300	90	3.0	#84f Updated Z	4	



# WHIPPLE OBSERVATORY

# FAST SPECTROGRAPH LOG



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0148.150736-02040	480	11:02	15:10:11.9	-02:14:55	300	90	3.0	#84f Updated Z	4	
0149.COMP	5	11:11	15:10:11.9	-02:14:55	300	90	3.0	#84f Updated Z	4	
0150.152048+08440	360	11:12	15:23:12.2	+08:33:01	300	90	3.0	#84f Updated Z	4	
0151.COMP	5	11:18	15:23:12.2	+08:33:01	300	90	3.0	#84f Updated Z	4	
0152.152118+09340	420	11:19	15:23:43.8	+09:22:38	300	90	3.0	#84f Updated Z	4	
0153.COMP	5	11:27	15:23:43.8	+09:22:38	300	90	3.0	#84f Updated Z	4	
0154-0163.BIAS	0	11:31	15:23:43.8	+09:22:38	300	90	3.0	#57 Velocity S	4	
0164-0173.FLAT	8	11:34	15:23:43.8	+09:22:38	300	90	3.0	#57 Velocity S	4	
0174-0183.BIAS	0	11:36	15:23:43.8	+09:22:38	300	90	3.0	#57 Velocity S	2	
0184-0193.FLAT	16	11:41	15:23:43.8	+09:22:38	300	90	3.0	#57 Velocity S	2	
0194-0203.DARK	1200	14:59	15:23:43.8	+09:22:38	300	90	3.0	#57 Velocity S	2	