



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 11/23/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.BIAS	0	0:29	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
11.20.FLAT	8	0:30	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		a few thin clouds; clearing
21.30.BIAS	0	0:33	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
31.40.FLAT	16	0:36	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		Hi Susan!
41.45.sky	4	0:41	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
0046.COMP	5	0:43	21:13:00	32:00:00	300	90	3.0	#57 Velocity S		
47.49.HD192281	5	1:14	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0050.COMP	5	1:15	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
51.52.BDp284211	45	1:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0053.COMP	10	1:19	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0054.N7331	180	1:21	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0055.COMP	5	1:24	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0056.22171p2908	1200	1:28	22:19:30	+29:23:16	300	59	3.0	#120 X-Ray IRA		please use a wide extract aperture
0057.COMP	10	1:49	22:19:30	+29:23:16	300	90	3.0	#120 X-Ray IRA		
0058.23161p1248sw	1200	1:51	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0059.COMP	10	2:11	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0060.23161p1248ne	1200	2:12	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0061.COMP	10	2:32	23:18:43	+13:04:53	300	90	3.0	#120 X-Ray IRA		
0062.SN2000dn	420	2:36	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0063.SN2000dn	1200	2:44	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		



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0064.COMP	10	3:05	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0065.SN2000dn	1200	3:05	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0066.COMP	10	3:26	23:05:05.8	-03:12:01	300	12	3.0	#2 SN Observat		
0067.srgb037.050	900	3:28	23:29:30.3	+02:02:29	300	90	3.0	#59 X-Ray Grou		
0068.COMP	5	3:44	23:29:30.3	+02:02:29	300	90	3.0	#59 X-Ray Grou		
0069.srgb090.081	480	3:48	01:08:26.3	+32:25:48	300	90	3.0	#59 X-Ray Grou		
0070.COMP	5	3:56	01:08:26.3	+32:25:48	300	90	3.0	#59 X-Ray Grou		
0071.srgb090.073	360	3:57	01:08:03.2	+31:40:27	300	90	3.0	#59 X-Ray Grou		
0072.COMP	5	4:03	01:08:03.2	+31:40:27	300	90	3.0	#59 X-Ray Grou		
0073.srgb090.074	360	4:04	01:08:04.5	+33:36:16	300	90	3.0	#59 X-Ray Grou		
0074.COMP	5	4:10	01:08:04.5	+33:36:16	300	90	3.0	#59 X-Ray Grou		
0075.srgb090.075	360	4:11	01:08:04.9	+33:27:07	300	90	3.0	#59 X-Ray Grou		
0076.COMP	5	4:18	01:08:04.9	+33:27:07	300	90	3.0	#59 X-Ray Grou		
0077.srgb090.076	240	4:18	01:08:13.1	+32:27:10	300	90	3.0	#59 X-Ray Grou		
0078.COMP	5	4:23	01:08:13.1	+32:27:10	300	90	3.0	#59 X-Ray Grou		
0079.srgb090.077	600	4:23	01:08:16.1	+32:29:54	300	90	3.0	#59 X-Ray Grou		
0080.COMP	5	4:34	01:08:16.1	+32:29:54	300	90	3.0	#59 X-Ray Grou		
0081.srgb090.078	300	4:34	01:08:17.5	+32:05:21	300	90	3.0	#59 X-Ray Grou		
0082.COMP	5	4:40	01:08:17.5	+32:05:21	300	90	3.0	#59 X-Ray Grou		
0083.srgb090.079	480	4:41	01:08:22.9	+32:32:56	300	90	3.0	#59 X-Ray Grou		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	5	4:49	01:08:22.9	+32:32:56	300	90	3.0	#59 X-Ray Grou		
0085.srgb090.080	90	4:49	01:08:23.5	+33:07:58	300	90	3.0	#59 X-Ray Grou		
0086.COMP	5	4:51	01:08:23.5	+33:07:58	300	90	3.0	#59 X-Ray Grou		
0087.srgb090.082	100	4:52	01:08:26.3	+33:08:49	300	90	3.0	#59 X-Ray Grou		
0088.COMP	5	4:54	01:08:26.3	+33:08:49	300	90	3.0	#59 X-Ray Grou		
0089.srgb090.083	480	4:55	01:08:30.4	+33:22:54	300	90	3.0	#59 X-Ray Grou		
0090.COMP	5	5:03	01:08:30.4	+33:22:54	300	90	3.0	#59 X-Ray Grou		
0091.srgb090.084	240	5:04	01:08:31.3	+33:06:29	300	90	3.0	#59 X-Ray Grou		
0092.COMP	5	5:08	01:08:31.3	+33:06:29	300	90	3.0	#59 X-Ray Grou		
0093.012136p09040_a	900	5:11	01:24:17.7	09:19:51	300	90	3.0	#113 Galaxy In		
0094.COMP	10	5:26	01:24:17.7	09:19:51	300	90	3.0	#113 Galaxy In		
0095.012136p09040_b	1200	5:27	01:24:16.2	09:21:16	300	90	3.0	#113 Galaxy In		
0096.COMP	10	5:47	01:24:16.2	09:21:16	300	90	3.0	#113 Galaxy In		
0097.015124m01000_a	1200	5:49	01:53:59.3	-00:45:01	300	90	3.0	#113 Galaxy In		
0098.COMP	10	6:09	01:53:59.3	-00:45:01	300	90	3.0	#113 Galaxy In		
0099.015124m01000_b	1200	6:14	01:54:07.9	-00:44:31	300	0	3.0	#113 Galaxy In	v. LSB	
0100.COMP	10	6:35	01:54:07.9	-00:44:31	300	0	3.0	#113 Galaxy In		
0101.020130p02330_ab	600	6:36	02:04:04.9	02:47:13	300	-1	3.0	#113 Galaxy In		
0102.020130p02330_ab	1200	6:47	02:04:04.9	02:47:13	300	-1	3.0	#113 Galaxy In	a @ row 82; b @ row 111	
0103.COMP	10	7:07	02:04:04.9	02:47:13	300	-1	3.0	#113 Galaxy In		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.vso49119	420	7:10	5:13:59.9	1:03:59	300	0	3.0	#112 Orion PMS		
0105.COMP	5	7:18	5:13:59.9	1:03:59	300	0	3.0	#112 Orion PMS		
0106.vso52897	600	7:18	5:16:30.8	0:56:12	300	0	3.0	#112 Orion PMS		
0107.COMP	5	7:29	5:16:30.8	0:56:12	300	0	3.0	#112 Orion PMS		
0108.vso56011	720	7:29	5:18:38.1	1:16:24	300	0	3.0	#112 Orion PMS		
0109.COMP	5	7:42	5:18:38.1	1:16:24	300	0	3.0	#112 Orion PMS		
0110.vso57233	900	7:42	5:19:28.4	1:16:21	300	0	3.0	#112 Orion PMS		
0111.COMP	5	7:58	5:19:28.4	1:16:21	300	0	3.0	#112 Orion PMS		
0112.vso58281	720	7:58	5:20:07.2	1:03:25	300	0	3.0	#112 Orion PMS		
0113.COMP	5	8:11	5:20:07.2	1:03:25	300	0	3.0	#112 Orion PMS		
0114.vso61223	900	8:12	5:21:58.3	1:12:14	300	0	3.0	#112 Orion PMS		
0115.COMP	5	8:27	5:21:58.3	1:12:14	300	0	3.0	#112 Orion PMS		
0116.vso62999	900	8:28	5:22:58.4	0:58:05	300	0	3.0	#112 Orion PMS		mmt in fog
0117.COMP	5	8:43	5:22:58.4	0:58:05	300	0	3.0	#112 Orion PMS		
0118.vso63047	900	8:44	5:22:59.6	1:20:09	300	0	3.0	#112 Orion PMS		
0119.COMP	5	8:59	5:22:59.6	1:20:09	300	0	3.0	#112 Orion PMS		
0120.vso64921	1200	9:00	5:24:02.2	0:56:59	300	0	3.0	#112 Orion PMS		close - fog
0121.COMP	5	9:20	5:24:02.2	0:56:59	300	0	3.0	#112 Orion PMS		
0122.07336p3521	1200	9:47	07:36:56	+35:14:32	300	0	3.0	#120 X-Ray IRA		open again
0123.COMP	10	10:07	07:36:56	+35:14:32	300	0	3.0	#120 X-Ray IRA		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.cs3053	1200	10:10	8:54:24.7	29:03:35	300	0	3.0	#114 Galaxy LF		
0125.COMP	5	10:30	8:54:24.7	29:03:35	300	0	3.0	#114 Galaxy LF		
0126.cs3048	1200	10:36	8:53:27.9	29:04:56	300	0	3.0	#114 Galaxy LF		
0127.COMP	5	10:56	8:53:27.9	29:04:56	300	0	3.0	#114 Galaxy LF		
0128.cs3055	1200	10:57	8:56:16.8	29:00:10	300	0	3.0	#114 Galaxy LF		
0129.COMP	5	11:17	8:56:16.8	29:00:10	300	0	3.0	#114 Galaxy LF		
0130.cs3057	1200	11:18	9:01:24.1	29:03:35	300	0	3.0	#114 Galaxy LF		
0131.COMP	5	11:38	9:01:24.1	29:03:35	300	0	3.0	#114 Galaxy LF		
0132.cs3069	1200	11:39	9:14:08.4	29:44:32	300	0	3.0	#114 Galaxy LF		ugh! more fog. close
0133.COMP	5	11:59	9:14:08.4	29:44:32	300	0	3.0	#114 Galaxy LF		
134.135.Feige34	120	12:01	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0136.COMP	10	12:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
137.146.BIAS	0	12:08	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
147.156.FLAT	8	12:10	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
157.166.BIAS	0	12:13	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
167.176.FLAT	16	12:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0177.DARK	1200	12:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0178.DARK	1200	12:45	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0179.DARK	1200	13:05	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0180.DARK	1200	13:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0181.DARK	1200	13:46	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0182.DARK	1200	14:06	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0183.DARK	1200	14:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0184.DARK	1200	14:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0185.DARK	1200	15:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0186.DARK	1200	15:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		