



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 10/29/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.BIAS	0	2:23	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
11.20.FLAT	8	2:27	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		3-in snow last night; mtn fog
21.30.BIAS	0	2:30	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
31.40.FLAT	16	2:32	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0041.N7331	120	2:49	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0042.COMP	5	2:52	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S		
0043.2M201845.0p5425	420	3:15	20:18:45.0	+54:25:56	300	90	3.0	#68 2MASS Reds		clearing a bit...
0044.COMP	5	3:22	20:18:45.0	+54:25:56	300	90	3.0	#68 2MASS Reds		
0045.2M201841.4p5928	420	3:23	20:18:41.3	+59:28:11	300	90	3.0	#68 2MASS Reds		close: mtn fog
0046.COMP	5	3:31	20:18:41.3	+59:28:11	300	90	3.0	#68 2MASS Reds		
0047.2M211422.5p2803	210	4:20	21:14:22.4	+28:03:50	300	90	3.0	#68 2MASS Reds		
0048.COMP	5	4:24	21:14:22.4	+28:03:50	300	90	3.0	#68 2MASS Reds		
0049.2M231749.6p3423	240	4:25	23:17:49.6	+34:23:50	300	90	3.0	#68 2MASS Reds		
0050.COMP	5	4:30	23:17:49.6	+34:23:50	300	90	3.0	#68 2MASS Reds		
0051.2M232154.0p3653	180	4:30	23:21:54.0	+36:53:04	300	90	3.0	#68 2MASS Reds		
0052.COMP	5	4:34	23:21:54.0	+36:53:04	300	90	3.0	#68 2MASS Reds		
0053.2M232802.0p3614	210	4:34	23:28:02.0	+36:14:03	300	90	3.0	#68 2MASS Reds		clearing pretty nicely
0054.COMP	5	4:38	23:28:02.0	+36:14:03	300	90	3.0	#68 2MASS Reds		
0055.2M232823.2p3221	180	4:39	23:28:23.1	+32:21:44	300	90	3.0	#68 2MASS Reds		
0056.COMP	5	4:42	23:28:23.1	+32:21:44	300	90	3.0	#68 2MASS Reds		



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0057.231624p06350_a	1200	4:43	23:18:52.5	06:52:38	300	90	3.0	#113 Galaxy In		
0058.COMP	10	5:04	23:18:52.5	06:52:38	300	90	3.0	#113 Galaxy In		
0059.231624p06350_b	1200	5:06	23:18:51.6	06:53:44	300	35	3.0	#113 Galaxy In		
0060.COMP	10	5:26	23:18:51.6	06:53:44	300	35	3.0	#113 Galaxy In		
0061.000154p05340_a	1200	5:28	00:04:29.1	05:50:47	300	90	3.0	#113 Galaxy In		
0062.COMP	10	5:49	00:04:29.1	05:50:47	300	90	3.0	#113 Galaxy In		
0063.000154p05340_b	1200	5:50	00:04:18.9	05:53:40	300	90	3.0	#113 Galaxy In		
0064.COMP	10	6:10	00:04:18.9	05:53:40	300	90	3.0	#113 Galaxy In		
0065.SN2000dk	1200	6:13	01:07:23.5	+32:24:23	300	90	3.0	#2 SN Observat		
0066.COMP	10	6:33	01:07:23.5	+32:24:23	300	90	3.0	#2 SN Observat		
0067.SN2000cx	1200	6:36	01:24:46.1	+09:30:30	300	15	3.0	#2 SN Observat		
0068.COMP	10	6:56	01:24:46.1	+09:30:30	300	15	3.0	#2 SN Observat		
0069.005542p36280_a	1200	6:58	00:58:23.3	36:43:50	300	15	3.0	#113 Galaxy In		
0070.COMP	10	7:18	00:58:23.3	36:43:50	300	15	3.0	#113 Galaxy In		
0071.005542p36280_b	1200	7:20	00:58:28.2	36:41:53	300	90	3.0	#113 Galaxy In		
0072.COMP	10	7:41	00:58:28.2	36:41:53	300	90	3.0	#113 Galaxy In		
73.74.BGGem	900	7:46	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0075.COMP	10	8:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem		80 runaway; ha=145, dec=31.52
0076.021054p41390_b	1200	8:03	02:14:18.4	41:51:23	300	90	3.0	#113 Galaxy In		
0077.COMP	10	8:24	02:14:18.4	41:51:23	300	90	3.0	#113 Galaxy In		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.021500p31400_a	1200	8:26	02:18:00.3	31:52:54	300	50	3.0	#113 Galaxy In		
0079.COMP	10	8:46	02:18:00.3	31:52:54	300	50	3.0	#113 Galaxy In		
0080.021500p31400_b	1200	8:48	02:17:53.3	31:52:20	300	90	3.0	#113 Galaxy In		
0081.COMP	10	9:08	02:17:53.3	31:52:20	300	90	3.0	#113 Galaxy In		
0082.a496_253	900	9:10	04:21:16.2	-09:31:15	300	90	3.0	#64 Cluster In		
0083.COMP	10	9:26	04:21:16.2	-09:31:15	300	90	3.0	#64 Cluster In		
0084.a496_252	900	9:27	04:24:01.4	-15:44:35	300	90	3.0	#64 Cluster In		
0085.COMP	5	9:42	04:24:01.4	-15:44:35	300	90	3.0	#64 Cluster In		
0086.a496_251	480	9:43	04:47:11.2	-16:03:10	300	90	3.0	#64 Cluster In		
0087.COMP	5	9:51	04:47:11.2	-16:03:10	300	90	3.0	#64 Cluster In		
0088.a496_254	480	9:52	04:29:25.3	-18:23:11	300	90	3.0	#64 Cluster In		
0089.COMP	5	10:00	04:29:25.3	-18:23:11	300	90	3.0	#64 Cluster In		
0090.a496_255	480	10:01	04:43:03.7	-14:51:21	300	90	3.0	#64 Cluster In		
0091.COMP	5	10:09	04:43:03.7	-14:51:21	300	90	3.0	#64 Cluster In		
92.93.BGGem	900	10:14	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0094.COMP	5	10:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0095.a496_256	720	10:31	04:38:11.4	-08:11:53	300	90	3.0	#64 Cluster In		
0096.COMP	5	10:43	04:38:11.4	-08:11:53	300	90	3.0	#64 Cluster In		
0097.a496_257	900	10:44	04:28:59.4	-09:06:48	300	90	3.0	#64 Cluster In		
0098.COMP	5	10:59	04:28:59.4	-09:06:48	300	90	3.0	#64 Cluster In		



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0099.a496_258	360	11:00	04:15:47.6	-13:38:56	300	90	3.0	#64 Cluster In		
0100.COMP	5	11:07	04:15:47.6	-13:38:56	300	90	3.0	#64 Cluster In		
0101.a496_260	480	11:07	04:47:55.5	-16:29:18	300	90	3.0	#64 Cluster In		
0102.COMP	5	11:16	04:47:55.5	-16:29:18	300	90	3.0	#64 Cluster In		
0103.vso33328E	600	11:20	5:02:44.5	1:15:47	300	0	3.0	#112 Orion PMS		
0104.vso33328W	720	11:30	5:02:44.5	1:15:47	300	0	3.0	#112 Orion PMS		
0105.COMP	5	11:42	5:02:44.5	1:15:47	300	0	3.0	#112 Orion PMS		
106.107.Hiltner600	45	11:44	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri		
0108.COMP	10	11:46	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri		
0109.SN2000du	1200	11:49	07:35:19.7	+19:02:43	300	0	3.0	#2 SN Observat	ok	
0110.COMP	10	12:10	07:35:19.7	+19:02:43	300	0	3.0	#2 SN Observat		
111.112.BGGem	900	12:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0113.COMP	10	12:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0114.2M040237.8p2513	180	12:33	04:02:37.8	+25:13:58	300	90	3.0	#68 2MASS Reds		
0115.COMP	5	12:36	04:02:37.8	+25:13:58	300	90	3.0	#68 2MASS Reds		
0116.2M045023.2p1201	300	12:37	04:50:23.2	+12:01:01	300	90	3.0	#68 2MASS Reds		
0117.COMP	5	12:42	04:50:23.2	+12:01:01	300	90	3.0	#68 2MASS Reds		
118.119.Feige34	90	12:44	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
0120.COMP	10	12:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	-7 mag Iridium flare	
121.130.BIAS	0	12:56	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	clear @ dawn!!	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
131.140.FLAT	8	12:58	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
141.150.BIAS	0	13:01	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
151.160.FLAT	16	13:04	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		