

UT Date 2003-11-20 Observers L MacriColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:02	20:32:10.5	+31:28:59	300	90	3.0	Bright Stars	4	
0011-0013.BIAS	0	0:07	20:37:12.7	+31:28:58	300	90	3.0	Bright Stars	2	
0014-0020.BIAS	0	0:08	20:38:39.7	+31:28:57	300	90	3.0	Bright Stars	2	
0021.FLAT	10	0:18	20:48:23.0	+31:28:55	300	90	5.0	Bright Stars	2	
0022-0030.FLAT	10	0:21	20:51:54.1	+31:28:54	300	90	5.0	Bright Stars	2	
0031.BDp284211	75	1:14	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	5-sec slit, for Warren and M Elvis
0032.BDp284211	75	1:19	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0033.BDp284211	75	1:21	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0034.BDp284211	75	1:24	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0035.BDp284211	75	1:26	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0036.COMP	5	1:28	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0037.H2106-099	240	1:31	21:09:09.9	-09:40:14	300	18	5.0	#147 AGN Solut	2	
0038.H2106-099	420	1:37	21:09:09.9	-09:40:14	300	21	5.0	#147 AGN Solut	2	
0039.H2106-099	420	1:45	21:09:09.9	-09:40:14	300	21	5.0	#147 AGN Solut	2	
0040.COMP	5	1:52	21:09:09.9	-09:40:14	300	21	5.0	#147 AGN Solut	2	
0041.BDp174708	30	1:56	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0042.BDp174708	30	1:55	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0043.BDp174708	30	1:57	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0044.BDp174708	30	1:58	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0045.BDp174708	30	2:00	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	

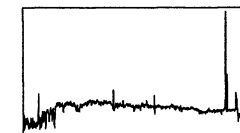
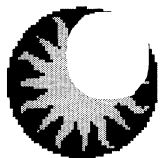
NO HEADER ERRORS! WOW

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0046.BDp174708	30	2:01	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0047.BDp174708	30	2:04	22:11:31.3	+18:05:34	300	21	5.0	#56 Spectropho	2	
0048.COMP	5	2:06	22:11:31.3	+18:05:34	300	21	5.0	#56 Spectropho	2	
0049.Feige110	150	2:08	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0050.Feige110	150	2:11	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0051.Feige110	150	2:14	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0052.COMP	5	2:17	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0053.NGC7469	150	2:20	23:03:15.6	+08:52:26	300	-4	5.0	#147 AGN Solut	2	
0054.NGC7469	150	2:23	23:03:15.6	+08:52:26	300	-4	5.0	#147 AGN Solut	2	
0055.NGC7469	150	2:25	23:03:15.6	+08:52:26	300	-4	5.0	#147 AGN Solut	2	
0056.NGC7469	360	2:29	23:03:15.6	+08:52:26	300	0	5.0	#147 AGN Solut	2	
0057.COMP	5	2:35	23:03:15.6	+08:52:26	300	0	5.0	#147 AGN Solut	2	
0058.NGC7603	300	2:37	23:18:56.6	+00:14:38	300	0	5.0	#147 AGN Solut	2	
0059.NGC7603	300	2:43	23:18:56.6	+00:14:38	300	0	5.0	#147 AGN Solut	2	
0060.NGC7603	300	2:54	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0061.NGC7603	300	3:00	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0062.NGC7603	300	3:05	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0063.COMP	5	3:11	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0064.FLAT	16	3:13	00:00:32	28:37:48	300	5	3.0	#57 Velocity S	2	3-sec slit
0065-0073.FLAT	16	3:18	00:00:32	28:37:48	300	5	3.0	#57 Velocity S	2	

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0074-0083.FLAT	8	3:20	00:00:32	28:37:48	300	5	3.0	#57 Velocity S	4	
0084.sn2003jd	1200	3:24	23:21:03.3	-04:53:45	300	18	3.0	#2 SN Observat	2	
0085.COMP	10	3:44	23:21:03.3	-04:53:45	300	18	3.0	#2 SN Observat	2	
0086.BDp284211	75	3:48	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0087.BDp284211	75	3:50	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0088.BDp284211	75	3:51	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0089.COMP	10	3:53	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0090.BDp174708	30	3:54	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0091.BDp174708	30	3:55	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0092.BDp174708	30	3:56	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0093.COMP	10	3:57	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0094.snmcg06	1200	3:58	23:03:43.2	+34:58:50	300	95	3.0	#2 SN Observat	2	
0095.COMP	12	4:19	23:03:43.2	+34:58:50	300	95	3.0	#2 SN Observat	2	
0096.2MJ01582742+6744421	1200	4:22	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	4:43	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	2	
0098.2MJ01500012+5354469	1200	4:45	01:50:00.1	+53:54:46	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	5:07	01:50:00.1	+53:54:46	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ02113146+5112023	1200	5:11	02:11:31.4	+51:12:02	300	45	3.0	#68 2MASS Reds	4	
0101.COMP	5	5:32	02:11:31.4	+51:12:02	300	45	3.0	#68 2MASS Reds	4	
0102.2MJ02353356+6656497	1800	5:36	02:35:33.5	+66:56:49	300	0	3.0	#68 2MASS Reds	4	

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0103.COMP	5	6:07	02:35:33.5	+66:56:49	300	0	3.0	#68 2MASS Reds	4	
0104.2MJ02440181+7005273	1800	6:10	02:44:01.8	+70:05:27	300	110	3.0	#68 2MASS Reds	4	
0105.COMP	5	6:43	02:44:01.8	+70:05:27	300	110	3.0	#68 2MASS Reds	4	
0106.2MJ03312960+6541405	1800	6:45	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	7:18	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ03331908+6609092	1200	7:19	03:33:19.0	+66:09:09	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	7:41	03:33:19.0	+66:09:09	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ04030142+3844265	1200	7:51	04:03:01.4	+38:44:26	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	8:12	04:03:01.4	+38:44:26	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ04115755+3838463	1200	8:13	04:11:57.5	+38:38:46	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	8:34	04:11:57.5	+38:38:46	300	90	3.0	#68 2MASS Reds	4	
0114.vso-20644	600	8:41	05:35:13.3	-05:09:19	300	0	3.0	#112 Orion PMS	4	
0115.COMP	5	8:56	05:35:13.3	-05:09:19	300	0	3.0	#112 Orion PMS	4	
0116.vso-20654	600	9:02	05:35:15.7	-05:33:12	300	0	3.0	#112 Orion PMS	4	
0117.COMP	5	9:13	05:35:15.7	-05:33:12	300	0	3.0	#112 Orion PMS	4	
0118.vso-20655	600	9:20	05:35:15.9	-05:14:58	300	5	3.0	#112 Orion PMS	4	
0119.COMP	5	9:30	05:35:15.9	-05:14:58	300	5	3.0	#112 Orion PMS	4	
0120.vso-20672	600	9:34	05:35:20.2	-05:30:39	300	5	3.0	#112 Orion PMS	4	
0121.COMP	5	9:46	05:35:20.2	-05:30:39	300	5	3.0	#112 Orion PMS	4	
0122.vso-20673	600	9:52	05:35:20.9	-05:31:21	300	5	3.0	#112 Orion PMS	4	

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0123.COMP	5	10:08	05:35:20.9	-05:31:21	300	21	3.0	#112 Orion PMS	4	
0124.vso-20684	600	10:09	05:35:24.6	-05:11:58	300	21	3.0	#112 Orion PMS	4	
0125.COMP	5	10:20	05:35:24.6	-05:11:58	300	21	3.0	#112 Orion PMS	4	
0126.AKN120	600	10:26	05:16:11.4	-00:08:59	300	36	3.0	#147 AGN Solut	2	
0127.COMP	12	10:36	05:16:11.4	-00:08:59	300	36	3.0	#147 AGN Solut	2	
0128.MCG8-11-11	600	10:40	05:54:53.6	+46:26:21	300	110	3.0	#147 AGN Solut	2	
0129.COMP	12	10:51	05:54:53.6	+46:26:21	300	90	3.0	#147 AGN Solut	2	
0130.Hiltner600	90	11:05	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0131.Hiltner600	90	11:07	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0132.Hiltner600	90	11:08	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0133.Hiltner600	90	11:10	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0134.Hiltner600	90	11:12	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0135.COMP	12	11:15	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0136.snu3432	1200	11:20	06:16:12.5	+57:03:12	300	110	3.0	#2 SN Observat	2	
0137.COMP	12	11:41	06:16:12.5	+57:03:12	300	110	3.0	#2 SN Observat	2	
0138.sn2003jz	1200	11:46	09:46:28.6	+45:45:04	300	60	3.0	#2 SN Observat	2	
0139.COMP	5	12:07	09:46:28.6	+45:45:04	300	60	3.0	#2 SN Observat	2	
0140.MKN1210	600	12:11	08:04:05.8	+05:06:49	300	20	3.0	#147 AGN Solut	2	
0141.COMP	12	12:22	08:04:05.8	+05:06:49	300	20	3.0	#147 AGN Solut	2	
0142.N3227	150	12:25	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	

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0143.N3227	150	12:28	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0144.COMP	5	12:31	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0145.N4051	150	12:33	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0146.N4051	150	12:35	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0147.N4051	150	12:38	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0148.COMP	5	12:41	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0149.N4151	30	12:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0150.N4151	30	12:44	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0151.COMP	5	12:45	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0152.M87	180	12:46	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0153.M87	180	12:49	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0154.COMP	5	12:54	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0155-0159.DARK	900	14:03	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0160-0164.DARK	900	15:20	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	