

UT Date 2003-10-03 Observers M CalkinsColl. Focus 1100 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:20	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	2	
0011-0020.BIAS	0	1:48	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	1:51	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	1:54	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	1:59	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	2	
0051.BDp332642	50	2:05	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0052.BDp332642	50	2:06	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:07	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0054.BDp332642	50	2:08	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0055.BDp332642	50	2:09	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	2:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0057.BDp332642	50	2:12	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0058.BDp332642	50	2:13	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0059.COMP	12	2:14	15:50:03	33:05:49	300	76	3.0	#56 Spectropho	2	
0060.TCrB	15	2:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0061.TCrB	60	2:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0062.TCrB	7	2:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	2:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0064.AGDra	1	2:20	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0065.AGDra	2	2:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	

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0066.AGDra	15	2:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0067.AGDra	45	2:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	2:23	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0069.DracoC1	1200	2:24	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	2:45	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0071.RSOph	10	2:47	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0072.RSOph	45	2:48	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0073.RSOph	100	2:48	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	2:51	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0075.YYHer	10	2:52	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0076.YYHer	60	2:53	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	2:55	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0078.V443Her	2	2:56	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0079.V443Her	10	2:57	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0080.V443Her	45	2:57	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0081.V443Her	90	2:58	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0082.COMP	12	3:00	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0083.BFCyg	1	3:04	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0084.BFCyg	7	3:05	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0085.BFCyg	60	3:05	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	

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0086.COMP	12	3:07	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0087.CHCyg	0	3:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0088.CHCyg	1	3:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0089.CHCyg	5	3:09	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0090.CHCyg	0	3:09	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0091.CHCyg	30	3:10	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0092.COMP	12	3:11	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0093.CICyg	1	3:12	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0094.CICyg	3	3:13	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0095.CICyg	20	3:13	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0096.CICyg	60	3:14	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	3:16	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0098.MRK509	300	3:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0099.MRK509	300	3:24	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0100.COMP	12	3:29	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0101.Akn564	180	3:32	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0102.Akn564	180	3:35	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0103.COMP	12	3:39	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0104.N7469	120	3:40	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0105.N7469	120	3:42	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	



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0106.COMP	12	3:45	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0107.2M20321160p4937105	1200	3:53	20:32:11.6	+49:37:10	300	110	3.0	#68 2MASS Reds	2	row=81
0108.2M20321160p4937105	1200	4:13	20:32:11.6	+49:37:10	300	110	3.0	#68 2MASS Reds	2	
0109.COMP	12	4:34	20:32:11.6	+49:37:10	300	110	3.0	#68 2MASS Reds	2	
0110.2M20374765p5138017	1200	4:40	20:37:47.6	+51:38:01	300	-50	3.0	#68 2MASS Reds	2	row79 to 90
0111.COMP	12	5:01	20:37:47.6	+51:38:01	300	-50	3.0	#68 2MASS Reds	2	
0112.2M20440241p5043362	1200	5:04	20:44:02.4	+50:43:36	300	110	3.0	#68 2MASS Reds	2	row=82, H alpha?
0113.COMP	12	5:25	20:44:02.4	+50:43:36	300	110	3.0	#68 2MASS Reds	2	
0114.2M20475214p5937111	1020	5:28	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	2	
0115.COMP	12	5:45	20:47:52.1	+59:37:11	300	90	3.0	#68 2MASS Reds	2	
0116.2M00161976p7025219	1200	5:48	00:16:19.7	+70:25:21	300	110	3.0	#68 2MASS Reds	2	bad exposure
0117.2M00161976p7025219	1200	6:09	00:16:19.7	+70:25:21	300	110	3.0	#68 2MASS Reds	2	
0118.COMP	12	6:30	00:16:19.7	+70:25:21	300	110	3.0	#68 2MASS Reds	2	
0119.2M00475430p6807433	1200	6:32	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	2	row=76
0120.2M00475430p6807433	1200	6:53	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	2	
0121.COMP	12	7:13	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	2	
0122.snu327	1200	7:19	00:33:16.7	07:54:19	300	4	3.0	#2 SN Observat	2	
0123.COMP	12	7:40	00:33:16.7	07:54:19	300	4	3.0	#2 SN Observat	2	
0124.snanon	1200	7:45	00:44:59.2	-08:53:11	300	10	3.0	#2 SN Observat	2	sne=row77, host=row66
0125.COMP	12	8:05	00:44:59.2	-08:53:11	300	10	3.0	#2 SN Observat	2	transient clouds...

EITHER THESE 2MASS OBJECTS ARE
TOO FAINT FOR THE 60" OR
IT IS TOO CLOUDY TO GET THEM

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0126.snic1956	1200	8:31	03:35:33.3	05:03:52	300	-40	3.0	#2 SN Observat	2	
0127.COMP	12	8:52	03:35:33.3	05:03:52	300	-40	3.0	#2 SN Observat	2	
0128.snic1956	1200	8:55	03:35:33.3	05:03:52	300	30	3.0	#2 SN Observat	2	
0129.COMP	12	9:16	03:35:33.3	05:03:52	300	30	3.0	#2 SN Observat	2	
0130.FineFoc	60	9:19	03:01:15.8	31:57:18	300	90	3.0	#56 Spectropho	1	
0131.Feige24	120	9:29	02:32:31	03:30:51	300	7	3.0	#56 Spectropho	2	
0132.COMP	12	9:32	02:32:31	03:30:51	300	7	3.0	#56 Spectropho	2	
0133.hss230	1380	9:39	3:05:42.7	-0:31:45	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0134.COMP	10	10:02	3:05:42.7	-0:31:45	600	90	2.0	#122 Halo Star	4	
0135.hss231	1200	10:03	3:09:24.2	0:32:16	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	10:24	3:09:24.2	0:32:16	600	90	2.0	#122 Halo Star	4	
0137.hss233	900	10:25	3:13:21.3	0:27:58	600	90	2.0	#122 Halo Star	4	row=58
0138.COMP	10	10:40	3:13:21.3	0:27:58	600	90	2.0	#122 Halo Star	4	
0139.hss234	960	10:41	3:16:33.1	-0:12:24	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	10:58	3:16:33.1	-0:12:24	600	90	2.0	#122 Halo Star	4	
0141.hss235	840	10:58	3:19:06.8	0:34:20	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	11:13	3:19:06.8	0:34:20	600	90	2.0	#122 Halo Star	4	
0143.hss236	1320	11:14	3:20:34.5	-0:15:49	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	11:36	3:20:34.5	-0:15:49	600	90	2.0	#122 Halo Star	4	
0145.hss237	1800	11:37	3:20:59.2	-0:46:58	600	90	2.0	#122 Halo Star	4	

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0146.COMP	10	12:08	3:20:59.2	-0:46:58	600	90	2.0	#122 Halo Star	4	
0147.hss238	840	12:09	3:21:51.1	-0:04:34	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	12:23	3:21:51.1	-0:04:34	600	90	2.0	#122 Halo Star	4	
0149.Hiltner600	60	12:25	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	12:26	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0151-0160.FLAT	40	12:35	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0161-0170.BIAS	0	12:40	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0171-0177.DARK	900	14:26	06:42:37.2	02:11:25	300	90	3.0	#122 Halo Star	4	