

UT Date 2002-04-07 Observers P BerlindColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	1200	0:07	20:06:40	41:06:15	600	90	2.0	#122 Halo Star	2	
0011-0020.BIAS	0	0:46	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0021.FLAT	8	0:47	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	lots of clouds
0022-0030.FLAT	8	0:49	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:51	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	0:56	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	3	2:03	7:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:04	7:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.Hiltner600	90	2:35	06:42:37.2	02:11:25	300	32	3.0	#56 Spectropho	2	clearing...
0058.Hiltner600	90	2:37	06:42:37.2	02:11:25	300	32	3.0	#56 Spectropho	2	
0059.COMP	10	2:39	06:42:37.2	02:11:25	300	32	3.0	#56 Spectropho	2	
0060.Akn120	240	2:40	05:13:38.0	-00:12:15	300	50	3.0	#6 AGN Monitor	4	
0061.COMP	5	2:45	05:13:38.0	-00:12:15	300	50	3.0	#6 AGN Monitor	4	
0062.2MJ0625341m201126	300	2:47	06:25:34.1	-20:11:26	300	90	3.0	#68 2MASS Reds	4	local clouds forming
0063.COMP	5	2:52	06:25:34.1	-20:11:26	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ0627142m243930	300	2:53	06:27:14.2	-24:39:30	300	90	3.0	#68 2MASS Reds	4	stopped by clouds
0065.COMP	5	2:59	06:27:14.2	-24:39:30	300	90	3.0	#68 2MASS Reds	4	
0066.BGGem	420	3:19	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0067.BGGem	1200	3:26	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0068.COMP	10	3:46	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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0069.BIAS	0	3:50	9:40:00	32:00:00	600	90	2.0	#100 BGGem	4	600-line, 2-sec slit, tilt=430
0070.HD065900	4	3:51	8:01:13.8	4:52:47	600	90	2.0	#122 Halo Star	4	
0071.HD065900	2	3:51	8:01:13.8	4:52:47	600	90	2.0	#122 Halo Star	4	
0072.HD065900	2	3:51	8:01:13.8	4:52:47	600	90	2.0	#122 Halo Star	4	
0073.HD065900	2	3:52	8:01:13.8	4:52:47	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	3:52	8:01:13.8	4:52:47	600	90	2.0	#122 Halo Star	4	
0075.HD066171	10	3:54	8:08:10.5	71:55:28	600	90	2.0	#122 Halo Star	4	
0076.HD066171	10	3:54	8:08:10.5	71:55:28	600	90	2.0	#122 Halo Star	4	
0077.HD066171	10	3:55	8:08:10.5	71:55:28	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	3:55	8:08:10.5	71:55:28	600	90	2.0	#122 Halo Star	4	
0079.m67_5191	900	3:57	8:50:47.6	11:44:51	600	90	2.0	#10 M67 stars	2	
0080.COMP	20	4:14	8:50:47.6	11:44:51	600	90	2.0	#10 M67 stars	2	
0081.m67_5624	900	4:15	8:51:17.9	11:45:54	600	35	2.0	#10 M67 stars	2	
0082.COMP	20	4:30	8:51:17.9	11:45:54	600	35	2.0	#10 M67 stars	2	akkkk stopped by fog
0083.HD079210W	10	6:11	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	clearing later...
0084.HD079210W	15	6:12	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	
0085.HD079210W	15	6:12	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	
0086.HD079210W	15	6:12	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	
0087.HD079210E	15	6:13	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	
0088.HD079210E	15	6:13	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	

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0089.HD079210E	15	6:14	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	6:14	9:14:22.7	52:41:11	600	90	2.0	#122 Halo Star	4	
0091.Feige34	180	6:16	10:36:41.2	43:21:50	600	100	2.0	#56 Spectropho	2	
0092.Feige34	180	6:20	10:36:41.2	43:21:50	600	100	2.0	#56 Spectropho	2	
0093.COMP	20	6:24	10:36:41.2	43:21:50	600	100	2.0	#56 Spectropho	2	
0094-0103.FLAT	40	6:34	12:15:00	32:00:00	600	100	2.0	#56 Spectropho	4	
0104-0113.FLAT	70	6:47	12:15:00	32:00:00	600	100	2.0	#56 Spectropho	2	
0114.BIAS	0	6:51	12:15:00	32:00:00	300	100	3.0	#56 Spectropho	2	300-line, 3-sec slit
0115.Feige34	150	6:52	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0116.Feige34	150	6:56	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0117.COMP	10	6:59	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0118.sn2002bo	1200	7:02	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	2	
0119.COMP	10	7:23	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	2	
0120.N3227	180	7:24	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0121.N3227	180	7:27	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0122.COMP	5	7:30	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0123.sn2002bs	1200	7:33	13:18:30.3	-14:36:31	300	0	3.0	#2 SN Observat	2	
0124.COMP	10	7:53	13:18:30.3	-14:36:31	300	0	3.0	#2 SN Observat	2	
0125.comas_060	420	7:56	12:41:36.3	23:25:30	300	0	3.0	#64f Cluster I	4	
0126.COMP	5	8:04	12:41:36.3	23:25:30	300	0	3.0	#64f Cluster I	4	

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0127.comas_061	420	8:04	12:41:51.4	23:30:37	300	90	3.0	#64f Cluster I	4	
0128.COMP	5	8:12	12:41:51.4	23:30:37	300	90	3.0	#64f Cluster I	4	
0129.comas_059	330	8:12	13:12:10.8	22:25:15	300	90	3.0	#64f Cluster I	4	
0130.COMP	5	8:18	13:12:10.8	22:25:15	300	90	3.0	#64f Cluster I	4	
0131.comas_064	360	8:19	13:16:16.8	25:24:19	300	90	3.0	#64f Cluster I	4	
0132.COMP	5	8:25	13:16:16.8	25:24:19	300	90	3.0	#64f Cluster I	4	
0133.comas_063	270	8:26	13:15:03.5	24:37:08	300	90	3.0	#64f Cluster I	4	
0134.COMP	5	8:30	13:15:03.5	24:37:08	300	90	3.0	#64f Cluster I	4	
0135.comas_062	330	8:31	13:22:02.7	25:29:07	300	90	3.0	#64f Cluster I	4	
0136.COMP	5	8:37	13:22:02.7	25:29:07	300	90	3.0	#64f Cluster I	4	
0137.comas_056	330	8:37	13:34:54.1	26:12:22	300	90	3.0	#64f Cluster I	4	
0138.COMP	5	8:43	13:34:54.1	26:12:22	300	90	3.0	#64f Cluster I	4	
0139.sn2002bz	1200	8:45	14:24:40.5	+26:37:34	300	90	3.0	#2 SN Observat	2	
0140.COMP	10	9:06	14:24:40.5	+26:37:34	300	90	3.0	#2 SN Observat	2	
0141.2MJ1329486m180212	1200	9:07	13:29:48.6	-18:02:12	300	90	3.0	#68 2MASS Reds	4	
0142.COMP	5	9:28	13:29:48.6	-18:02:12	300	90	3.0	#68 2MASS Reds	4	
0143.2MJ1332474m233119	420	9:28	13:32:47.4	-23:31:19	300	90	3.0	#68 2MASS Reds	4	
0144.COMP	5	9:36	13:32:47.4	-23:31:19	300	90	3.0	#68 2MASS Reds	4	
0145.2MJ1404403m142656	720	9:37	14:04:40.3	-14:26:56	300	90	3.0	#68 2MASS Reds	4	
0146.COMP	5	9:49	14:04:40.3	-14:26:56	300	90	3.0	#68 2MASS Reds	4	

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0147.2MJ1410557p191021	720	9:51	14:10:55.7	+19:10:21	300	90	3.0	#68 2MASS Reds	4	
0148.COMP	5	10:03	14:10:55.7	+19:10:21	300	90	3.0	#68 2MASS Reds	4	
0149.2MJ1424040p074539	300	10:04	14:24:04.0	+07:45:39	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	10:09	14:24:04.0	+07:45:39	300	90	3.0	#68 2MASS Reds	4	
0151.BDp332642	60	10:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0152.BDp332642	60	10:11	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0153.COMP	10	10:13	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0154.2MJ1533374m025758	900	10:14	15:33:37.4	-02:57:58	300	90	3.0	#68 2MASS Reds	4	
0155.COMP	5	10:30	15:33:37.4	-02:57:58	300	90	3.0	#68 2MASS Reds	4	
0156.2MJ1531502m214140	210	10:31	15:31:50.2	-21:41:40	300	90	3.0	#68 2MASS Reds	4	
0157.COMP	5	10:34	15:31:50.2	-21:41:40	300	90	3.0	#68 2MASS Reds	4	
0158.2MJ1532046m211907	210	10:35	15:32:04.6	-21:19:07	300	90	3.0	#68 2MASS Reds	4	
0159.COMP	5	10:39	15:32:04.6	-21:19:07	300	90	3.0	#68 2MASS Reds	4	
0160.2MJ1533504m241921	240	10:39	15:33:50.4	-24:19:21	300	90	3.0	#68 2MASS Reds	4	
0161.COMP	5	10:44	15:33:50.4	-24:19:21	300	90	3.0	#68 2MASS Reds	4	
0162.2MJ1534139m211153	210	10:45	15:34:13.9	-21:11:53	300	90	3.0	#68 2MASS Reds	4	
0163.COMP	5	10:48	15:34:13.9	-21:11:53	300	90	3.0	#68 2MASS Reds	4	
0164.2MJ1539383m235634	300	10:49	15:39:38.3	-23:56:34	300	90	3.0	#68 2MASS Reds	4	
0165.COMP	5	10:54	15:39:38.3	-23:56:34	300	90	3.0	#68 2MASS Reds	4	
0166.2MJ1534005m155517	270	10:55	15:34:00.5	-15:55:17	300	90	3.0	#68 2MASS Reds	4	

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0167.COMP	5	11:00	15:34:00.5	-15:55:17	300	90	3.0	#68 2MASS Reds	4	
0168.2MJ1534408m150419	210	11:01	15:34:40.8	-15:04:19	300	90	3.0	#68 2MASS Reds	4	
0169.COMP	5	11:05	15:34:40.8	-15:04:19	300	90	3.0	#68 2MASS Reds	4	
0170.2MJ1539328m113426	240	11:06	15:39:32.8	-11:34:26	300	90	3.0	#68 2MASS Reds	4	
0171.COMP	5	11:10	15:39:32.8	-11:34:26	300	90	3.0	#68 2MASS Reds	4	
0172.2MJ1543106m123426	240	11:10	15:43:10.6	-12:34:26	300	90	3.0	#68 2MASS Reds	4	
0173.COMP	5	11:15	15:43:10.6	-12:34:26	300	90	3.0	#68 2MASS Reds	4	
0174.2MJ1543233m123240	240	11:15	15:43:23.3	-12:32:40	300	90	3.0	#68 2MASS Reds	4	
0175.COMP	5	11:20	15:43:23.3	-12:32:40	300	90	3.0	#68 2MASS Reds	4	
0176.2MJ1544036m204716	240	11:21	15:44:03.6	-20:47:16	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	11:25	15:44:03.6	-20:47:16	300	90	3.0	#68 2MASS Reds	4	
0178.2MJ1544113m063106	1200	11:26	15:44:11.3	-06:31:06	300	90	3.0	#68 2MASS Reds	4	em
0179.COMP	5	11:47	15:44:11.3	-06:31:06	300	90	3.0	#68 2MASS Reds	4	
0180.N5846	180	11:49	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	4	
0181.COMP	5	11:52	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	4	
0182.N5866	180	11:54	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	more fog @ twilight
0183.COMP	5	11:58	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0184-0193.BIAS	0	12:01	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds	4	
0194-0203.FLAT	8	12:04	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds	4	
0204-0213.BIAS	0	12:06	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds	2	



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0214-0223.FLAT	16	12:11	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds	2	
0224-0233.DARK	900	14:41	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds	4	