

UT Date 2001-01-02 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<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>
0001-0005.DARK	900	0:36	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0006-0015.BIAS	0	0:59	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0016-0025.FLAT	6	1:02	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	4	
0026-0035.BIAS	0	1:05	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	
0036-0045.FLAT	12	1:10	07:15:29.8	+23:25:42	300	90	3.0	#2 SN Observat	2	
0046.G191B2B	150	4:34	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	4	clouds at sunset
0047.G191B2B	150	4:37	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	4	
0048.COMP	5	4:40	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	4	
0049.G191B2B	150	4:40	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	2	
0050.G191B2B	150	4:43	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	2	
0051.COMP	12	4:46	05:05:30.6	+52:49:51	300	90	3.0	#56 Photometri	2	
0052.G191B2B	150	4:48	05:05:30.6	+52:49:51	300	30	3.0	#56 Photometri	2	
0053.G191B2B	150	4:51	05:05:30.6	+52:49:51	300	30	3.0	#56 Photometri	2	
0054.COMP	12	4:54	05:05:30.6	+52:49:51	300	30	3.0	#56 Photometri	2	sucker hole, wait some more
0055.vso122272	1200	5:49	5:57:10.6	1:28:08	300	90	3.0	#112 Orion PMS	2	
0056.COMP	12	6:10	5:57:10.6	1:28:08	300	90	3.0	#112 Orion PMS	2	
0057.vso124963	900	6:11	5:58:28.3	1:00:11	300	90	3.0	#112 Orion PMS	2	row=77
0058.COMP	12	6:26	5:58:28.3	1:00:11	300	90	3.0	#112 Orion PMS	2	
0059.vso125555	720	6:27	5:58:48.0	1:23:27	300	90	3.0	#112 Orion PMS	2	
0060.COMP	12	6:40	5:58:48.0	1:23:27	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.vso125703	1200	6:41	5:58:51.1	0:59:46	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	7:02	5:58:51.1	0:59:46	300	90	3.0	#112 Orion PMS	2	
0063.vso125809	1200	7:03	5:58:56.0	1:27:48	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	7:23	5:58:56.0	1:27:48	300	90	3.0	#112 Orion PMS	2	
0065.vso126391	1200	7:25	5:59:15.5	1:15:22	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	7:45	5:59:15.5	1:15:22	300	90	3.0	#112 Orion PMS	2	
0067.vso126458	900	7:46	5:59:17.5	1:08:23	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	8:01	5:59:17.5	1:08:23	300	90	3.0	#112 Orion PMS	2	
0069.BGGem	180	8:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0070.BGGem	900	8:06	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0071.COMP	12	8:22	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0072.vso126755	1200	8:23	5:59:26.7	1:23:59	300	90	3.0	#112 Orion PMS	2	
0073.COMP	12	8:44	5:59:26.7	1:23:59	300	90	3.0	#112 Orion PMS	2	
0074.vso127457	1200	8:45	5:59:47.7	0:59:20	300	90	3.0	#112 Orion PMS	2	
0075.COMP	12	9:06	5:59:47.7	0:59:20	300	90	3.0	#112 Orion PMS	2	
0076.vso127572	1200	9:07	5:59:51.8	1:24:48	300	90	3.0	#112 Orion PMS	2	
0077.COMP	12	9:28	5:59:51.8	1:24:48	300	90	3.0	#112 Orion PMS	2	wait out more clouds
0078.Feige34	90	10:55	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0079.COMP	12	10:57	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0080.095818p22380_a	600	10:59	10:01:08.3	+22:24:20	300	90	3.0	#113 Galaxy In	2	

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0081.COMP	12	11:09	10:01:08.3	+22:24:20	300	90	3.0	#113 Galaxy In	2	
0082.095818p22380_b	1200	11:11	10:01:09.9	+22:24:06	300	110	3.0	#113 Galaxy In	2	
0083.COMP	12	11:31	10:01:09.9	+22:24:06	300	110	3.0	#113 Galaxy In	2	
0084.100318p00530_a_b	720	11:34	10:05:50.5	+00:37:53	300	110	3.0	#113 Galaxy In	2	b=row75/a=row88
0085.COMP	12	11:47	10:05:50.5	+00:37:53	300	110	3.0	#113 Galaxy In	2	
0086.nrgb184.192	300	11:56	12:06:36.3	+25:06:47	300	110	3.0	#59 X-Ray Grou	4	
0087.COMP	5	12:02	12:06:36.3	+25:06:47	300	110	3.0	#59 X-Ray Grou	4	
0088.nrgb184.193	300	12:03	12:06:38.3	+25:44:56	300	110	3.0	#59 X-Ray Grou	4	
0089.COMP	5	12:08	12:06:38.3	+25:44:56	300	110	3.0	#59 X-Ray Grou	4	
0090.nrgb184.194	240	12:09	12:06:40.2	+25:45:04	300	110	3.0	#59 X-Ray Grou	4	
0091.COMP	5	12:13	12:06:40.2	+25:45:04	300	110	3.0	#59 X-Ray Grou	4	
0092.nrgb184.195	120	12:14	12:06:41.3	+25:14:14	300	110	3.0	#59 X-Ray Grou	4	
0093.COMP	5	12:16	12:06:41.3	+25:14:14	300	110	3.0	#59 X-Ray Grou	4	
0094.nrgb184.196	300	12:17	12:06:45.4	+26:06:29	300	110	3.0	#59 X-Ray Grou	4	
0095.COMP	5	12:22	12:06:45.4	+26:06:29	300	110	3.0	#59 X-Ray Grou	4	
0096.nrgb184.197	420	12:23	12:06:45.6	+24:43:27	300	110	3.0	#59 X-Ray Grou	4	
0097.COMP	5	12:30	12:06:45.6	+24:43:27	300	110	3.0	#59 X-Ray Grou	4	
0098.nrgb184.198	1020	12:31	12:06:45.6	+24:36:25	300	110	3.0	#59 X-Ray Grou	4	
0099.COMP	5	12:49	12:06:45.6	+24:36:25	300	110	3.0	#59 X-Ray Grou	4	
0100.nrgb184.199	1020	12:50	12:06:49.0	+24:55:28	300	110	3.0	#59 X-Ray Grou	4	

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0101.COMP	5	13:07	12:06:49.0	+24:55:28	300	110	3.0	#59 X-Ray Grou	4	
0102.MRK110	360	13:09	09:25:12.9	+52:17:10	300	110	3.0	#6 AGN Monitor	2	
0103.COMP	12	13:16	09:25:12.9	+52:17:10	300	110	3.0	#6 AGN Monitor	2	
0104.N3227	90	13:19	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	2	
0105.N3227	90	13:20	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	2	
0106.N3227	90	13:22	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	2	
0107.COMP	12	13:24	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	2	
0108.Feige34	90	13:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0109.COMP	12	13:27	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0110.Feige34	90	13:28	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0111.COMP	5	13:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0112.N3377	60	13:31	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0113.COMP	5	13:33	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0114-0118.sky	2	14:07	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0119.COMP	5	14:08	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0120-0129.BIAS	0	14:10	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0130-0139.FLAT	6	14:12	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0140-0149.BIAS	0	14:15	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0150-0159.FLAT	12	14:19	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0160-0169.DARK	900	16:41	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	

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0001-0010.BIAS	0	0:16	23:43:11.0	31:30:04	300	90	3.0	#57 Velocity S	4	
0011.FLAT	8	0:16	23:43:46.0	31:30:04	300	90	3.0	#57 Velocity S	4	lost of cirrus overhead; clear to west
0012-0020.FLAT	8	0:19	23:46:36.0	31:30:04	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	0:23	23:50:26.0	31:30:04	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	0:28	23:55:36.0	31:30:04	300	90	3.0	#57 Velocity S	2	
0041-0045.sky	2	0:48	00:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:49	00:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.HD217086	6	1:21	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0048.HD217086	6	1:21	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0049.HD217086	6	1:21	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0050.COMP	5	1:22	22:56:47.1	+62:43:37	300	90	3.0	#56 Photometri	4	
0051.M32	40	1:24	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0052.M32	40	1:26	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0053.COMP	5	1:27	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0054.158m213	480	1:35	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	poor seeing; windy
0055.COMP	5	1:43	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0056.2M030326.7p451517	300	1:44	03:03:26.6	+45:15:17	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	1:50	03:03:26.6	+45:15:17	300	90	3.0	#68 2MASS Reds	4	
0058.2M030409.7p443717	300	1:50	03:04:09.7	+44:37:17	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	1:56	03:04:09.7	+44:37:17	300	90	3.0	#68 2MASS Reds	4	

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0060.2M030436.5p432613	300	1:58	03:04:36.5	+43:26:13	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	2:03	03:04:36.5	+43:26:13	300	90	3.0	#68 2MASS Reds	4	
0062.2M030747.9p412231	300	2:10	03:07:47.8	+41:22:31	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	2:15	03:07:47.8	+41:22:31	300	90	3.0	#68 2MASS Reds	4	runaway 55,75
0064.2M030804.4p425847	240	2:16	03:08:04.3	+42:58:47	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:21	03:08:04.3	+42:58:47	300	90	3.0	#68 2MASS Reds	4	
0066.2M030828.3p425246	300	2:21	03:08:28.2	+42:52:46	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:27	03:08:28.2	+42:52:46	300	90	3.0	#68 2MASS Reds	4	
0068.2M030840.5p425220	240	2:28	03:08:40.5	+42:52:20	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:33	03:08:40.5	+42:52:20	300	90	3.0	#68 2MASS Reds	4	
0070.2M030927.0p360122	240	2:35	03:09:27.0	+36:01:22	300	90	3.0	#68 2MASS Reds	4	wind increasing
0071.COMP	5	2:40	03:09:27.0	+36:01:22	300	90	3.0	#68 2MASS Reds	4	
0072.2M030951.7p413314	240	2:41	03:09:51.6	+41:33:14	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:46	03:09:51.6	+41:33:14	300	90	3.0	#68 2MASS Reds	4	
0074.2M030957.4p420703	240	2:47	03:09:57.3	+42:07:03	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:51	03:09:57.3	+42:07:03	300	90	3.0	#68 2MASS Reds	4	
0076.2M031005.3p421046	240	2:51	03:10:05.2	+42:10:46	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	2:56	03:10:05.2	+42:10:46	300	90	3.0	#68 2MASS Reds	4	
0078.a496_391	900	3:04	04:31:45.8	-10:07:11	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	3:19	04:31:45.8	-10:07:11	300	90	3.0	#64 Cluster In	4	

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0080.a496_392	480	3:20	04:37:43.5	-13:52:07	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	3:28	04:37:43.5	-13:52:07	300	90	3.0	#64 Cluster In	4	close due to high wind
0082-0091.BIAS	0	9:08	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	
0092-0101.FLAT	8	9:11	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	
0102-0111.BIAS	0	9:13	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	2	
0112-0121.FLAT	16	9:18	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	2	

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0001-0010.DARK	900	0:02	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	
0011.BIAS	0	0:17	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	clearing @ sunset
0012-0020.BIAS	0	0:18	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	
0021.FLAT	8	0:19	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	bright moon
0022-0030.FLAT	8	0:21	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	4	
0031-0040.BIAS	0	0:24	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	2	
0041-0050.FLAT	16	0:30	04:37:43.5	-13:52:07	300	90	3.0	#56 Photometri	2	
0051-0055.sky	2	0:48	00:05:00	31:30:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:49	00:05:00	31:30:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:44	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:45	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:46	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.163m217	480	1:47	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	ugh! poor seeing again. east wind
0061.COMP	5	1:55	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0062.SN2000fo	1200	1:59	22:58:25.3	+26:38:26	300	73	3.0	#2 SN Observat	2	
0063.COMP	10	2:20	22:58:25.3	+26:38:26	300	73	3.0	#2 SN Observat	2	
0064.2M031008.4p424948	300	2:34	03:10:08.4	+42:49:48	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:39	03:10:08.4	+42:49:48	300	90	3.0	#68 2MASS Reds	4	
0066.2M031028.9p421849	420	2:40	03:10:28.9	+42:18:49	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:47	03:10:28.9	+42:18:49	300	90	3.0	#68 2MASS Reds	4	

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0068.2M031030.2p360617	240	2:48	03:10:30.2	+36:06:17	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:53	03:10:30.2	+36:06:17	300	90	3.0	#68 2MASS Reds	4	
0070.SN2000eo	1200	2:58	03:09:08.2	-10:17:54	300	-5	3.0	#2 SN Observat	2	
0071.COMP	10	3:19	03:09:08.2	-10:17:54	300	-5	3.0	#2 SN Observat	2	
0072.a496_408	1200	3:29	04:38:18.6	-10:47:01	300	90	3.0	#64 Cluster In	4	a few clouds moving through
0073.COMP	5	3:46	04:38:18.6	-10:47:01	300	90	3.0	#64 Cluster In	4	
0074.a496_401	1200	3:47	04:25:12.7	-09:53:34	300	90	3.0	#64 Cluster In	4	seeing better
0075.COMP	5	4:08	04:25:12.7	-09:53:34	300	90	3.0	#64 Cluster In	4	
0076.a496_402	600	4:09	04:38:40.8	-11:19:54	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	4:19	04:38:40.8	-11:19:54	300	90	3.0	#64 Cluster In	4	
0078.a496_403	480	4:20	04:28:14.3	-15:03:15	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	4:28	04:28:14.3	-15:03:15	300	90	3.0	#64 Cluster In	4	
0080.a496_403	600	4:29	04:28:14.3	-15:03:15	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	4:39	04:28:14.3	-15:03:15	300	90	3.0	#64 Cluster In	4	
0082.a496_393	600	4:40	04:30:57.5	-11:50:27	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	4:50	04:30:57.5	-11:50:27	300	90	3.0	#64 Cluster In	4	
0084.SN2000fm	1200	4:54	04:33:15.0	-04:10:39	300	0	3.0	#2 SN Observat	2	
0085.COMP	10	5:15	04:33:15.0	-04:10:39	300	0	3.0	#2 SN Observat	2	
0086.a496_390	600	5:19	04:46:06.5	-13:15:13	300	0	3.0	#64 Cluster In	4	
0087.COMP	5	5:29	04:46:06.5	-13:15:13	300	0	3.0	#64 Cluster In	4	

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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>
0088.a496_386	900	5:30	04:23:04.7	-11:51:25	300	90	3.0	#64 Cluster In	4	
0089.COMP	5	5:45	04:23:04.7	-11:51:25	300	90	3.0	#64 Cluster In	4	
0090.a496_388	900	5:46	04:41:56.0	-14:10:45	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	6:02	04:41:56.0	-14:10:45	300	90	3.0	#64 Cluster In	4	
0092.a496_381	720	6:03	04:41:44.5	-13:27:55	300	90	3.0	#64 Cluster In	4	clouds increasing again
0093.COMP	5	6:16	04:41:44.5	-13:27:55	300	90	3.0	#64 Cluster In	4	
0094.a496_382	540	6:16	04:26:17.6	-12:57:46	300	90	3.0	#64 Cluster In	4	redo: clouds!
0095.COMP	5	6:27	04:26:17.6	-12:57:46	300	90	3.0	#64 Cluster In	4	
0096.BGGem	180	6:34	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0097.BGGem	900	6:37	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0098.COMP	10	6:53	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0099.a576_327	600	7:35	07:29:38.7	+57:41:56	300	90	3.0	#64 Cluster In	4	
0100.COMP	5	7:45	07:29:38.7	+57:41:56	300	90	3.0	#64 Cluster In	4	
0101.a576_330	300	7:58	07:21:44.2	+55:40:53	300	90	3.0	#64 Cluster In	4	
0102.COMP	5	8:04	07:21:44.2	+55:40:53	300	90	3.0	#64 Cluster In	4	
0103.a576_331	390	8:05	07:37:44.9	+53:25:36	300	90	3.0	#64 Cluster In	4	moon set
0104.COMP	5	8:11	07:37:44.9	+53:25:36	300	90	3.0	#64 Cluster In	4	
0105.SN2000fa	1200	8:14	07:15:29.8	+23:25:42	300	45	3.0	#2 SN Observat	2	good seeing finally
0106.COMP	10	8:34	07:15:29.8	+23:25:42	300	45	3.0	#2 SN Observat	2	
0107.085754+17490_b	720	8:37	09:00:57.5	17:35:20	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	8:49	09:00:57.5	17:35:20	300	90	3.0	#113 Interacti	2	
0109.090348+19320_a	1200	8:51	09:06:39.4	19:20:10	300	90	3.0	#113 Interacti	2	
0110.COMP	10	9:11	09:06:39.4	19:20:10	300	90	3.0	#113 Interacti	2	
0111.090348+19320_b	900	9:12	09:06:30.0	19:19:18	300	90	3.0	#113 Interacti	2	
0112.COMP	10	9:27	09:06:30.0	19:19:18	300	90	3.0	#113 Interacti	2	
0113.090700-00590_c	1200	9:29	09:09:37.4	-01:09:13	300	90	3.0	#113 Interacti	2	
0114.COMP	10	9:50	09:09:37.4	-01:09:13	300	90	3.0	#113 Interacti	2	
0115.090700-00590_a	900	9:51	09:09:28.7	-01:10:41	300	90	3.0	#113 Interacti	2	
0116.COMP	5	10:06	09:09:28.7	-01:10:41	300	90	3.0	#113 Interacti	2	
0117.091036+03260_b	900	10:07	09:12:58.4	03:15:19	300	90	3.0	#113 Interacti	2	
0118.COMP	10	10:23	09:12:58.4	03:15:19	300	90	3.0	#113 Interacti	2	
0119.091036+03260_a	1200	10:24	09:13:13.3	03:13:47	300	90	3.0	#113 Interacti	2	
0120.COMP	10	10:44	09:13:13.3	03:13:47	300	90	3.0	#113 Interacti	2	
0121.092312+19360_b	1200	10:46	09:25:44.3	19:22:28	300	90	3.0	#113 Interacti	2	
0122.COMP	10	11:06	09:25:44.3	19:22:28	300	90	3.0	#113 Interacti	2	
0123.Feige34	90	11:08	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0124.Feige34	90	11:09	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0125.COMP	10	11:11	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0126.091306+43120_ab	1200	11:15	09:16:25.2	42:59:29	300	-2	3.0	#113 Interacti	2	a is @ row 57; b is @ row 98
0127.COMP	10	11:36	09:16:25.2	42:59:29	300	-2	3.0	#113 Interacti	2	yet more clouds; but great sweing!

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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>
0128.092148+17530_b	1200	11:38	09:24:39.3	17:39:46	300	37	3.0	#113 Interacti	2	a is @ row 89; b is @ row 53
0129.COMP	10	11:59	09:24:39.3	17:39:46	300	37	3.0	#113 Interacti	2	
0130.092312+19360_a	840	12:01	09:26:01.2	19:22:59	300	37	3.0	#113 Interacti	2	stopped by clouds
0131.COMP	10	12:16	09:26:01.2	19:22:59	300	37	3.0	#113 Interacti	2	
0132-0141.BIAS	0	12:21	12:19:23	05:49:42	300	37	3.0	#113 Interacti	4	
0142-0151.FLAT	8	12:24	12:19:23	05:49:42	300	37	3.0	#113 Interacti	4	
0152-0161.BIAS	0	12:26	12:19:23	05:49:42	300	37	3.0	#113 Interacti	2	
0162-0171.FLAT	16	12:31	12:19:23	05:49:42	300	37	3.0	#113 Interacti	2	

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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>
0001.DARK	900	21:42	22:07:16.0	31:30:09	300	37	3.0	#113 Interacti	4	
0002.DARK	900	21:57	22:22:23.0	31:30:08	300	37	3.0	#113 Interacti	4	
0003.DARK	900	22:12	22:37:34.0	31:30:07	300	37	3.0	#113 Interacti	4	
0004-0006.DARK	900	22:58	23:23:06.0	31:30:06	300	37	3.0	#113 Interacti	4	
0007-0010.DARK	900	0:10	00:35:41.0	31:30:05	300	37	3.0	#113 Interacti	4	
0011.BIAS	0	2:04	02:14:21.0	31:30:08	300	37	3.0	#113 Interacti	4	
0012-0020.BIAS	0	2:05	02:15:35.0	31:30:09	300	37	3.0	#113 Interacti	4	
0021-0030.FLAT	6	2:09	02:19:42.0	31:30:09	300	37	3.0	#113 Interacti	4	
0031-0040.BIAS	0	3:01	03:12:24.0	31:30:12	300	37	3.0	#113 Interacti	2	
0041.FLAT	12	3:02	03:13:21.0	31:30:12	300	37	3.0	#113 Interacti	2	High humidity at sunset
0042-0045.FLAT	12	3:04	03:15:05.0	31:30:12	300	37	3.0	#113 Interacti	2	
0046-0050.FLAT	12	3:06	03:17:16.0	31:30:13	300	37	3.0	#113 Interacti	2	
0051.Feige25	120	3:20	02:38:37.7	+05:28:11	300	37	3.0	#56 Photometri	2	
0052.Feige25	120	3:23	02:38:37.7	+05:28:11	300	37	3.0	#56 Photometri	2	
0053.COMP	12	3:25	02:38:37.7	+05:28:11	300	37	3.0	#56 Photometri	2	
0054.Feige25	120	3:26	02:38:37.7	+05:28:11	300	37	3.0	#56 Photometri	4	
0055.Feige25	120	3:28	02:38:37.7	+05:28:11	300	37	3.0	#56 Photometri	4	
0056.COMP	5	3:31	02:38:37.7	+05:28:11	300	37	3.0	#56 Photometri	4	
0057.Feige25	120	3:32	02:38:37.7	+05:28:11	300	26	3.0	#56 Photometri	2	
0058.Feige25	120	3:35	02:38:37.7	+05:28:11	300	26	3.0	#56 Photometri	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.COMP	5	3:37	02:38:37.7	+05:28:11	300	26	3.0	#56 Photometri	2	
0060.M31	60	3:41	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0061.COMP	12	3:42	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0062.snmcg1	1200	3:48	03:40:43.4	-06:24:59	300	50	3.0	#2 SN Observat	2	
0063.COMP	12	4:09	03:40:43.4	-06:24:59	300	50	3.0	#2 SN Observat	2	
0064.sn2001B	900	4:18	4:57:19.2	78:11:16	300	8	3.0	#2 SN Observat	2	
0065.COMP	12	4:34	4:57:19.2	78:11:16	300	8	3.0	#2 SN Observat	2	
0066.sn2001C	900	4:38	6:59:36.1	59:31:1	300	52	3.0	#2 SN Observat	2	
0067.COMP	12	4:54	6:59:36.1	59:31:1	300	52	3.0	#2 SN Observat	2	
0068.BGGem	240	4:56	6:03:31	27:41:50	300	52	3.0	#100 BGGem	2	
0069.BGGem	1020	5:00	6:03:31	27:41:50	300	52	3.0	#100 BGGem	2	
0070.COMP	12	5:18	6:03:31	27:41:50	300	52	3.0	#100 BGGem	2	
0071.092530+38450_a	900	5:22	09:28:37.5	38:32:22	300	18	3.0	#113 Interacti	2	
0072.092530+38450_a	900	5:37	09:28:37.5	38:32:22	300	18	3.0	#113 Interacti	2	
0073.COMP	12	5:52	09:28:37.5	38:32:22	300	18	3.0	#113 Interacti	2	
0074.vso127671	600	6:00	5:59:54.1	1:21:55	300	90	3.0	#112 Orion PMS	2	
0075.COMP	12	6:11	5:59:54.1	1:21:55	300	90	3.0	#112 Orion PMS	2	
0076.vso127691	480	6:12	5:59:54.5	1:00:23	300	90	3.0	#112 Orion PMS	2	
0077.COMP	12	6:21	5:59:54.5	1:00:23	300	90	3.0	#112 Orion PMS	2	
0078.vso127695	540	6:22	5:59:54.6	1:26:19	300	90	3.0	#112 Orion PMS	2	

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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>
0079.COMP	12	6:32	5:59:54.6	1:26:19	300	90	3.0	#112 Orion PMS	2	
0080.vso127719	660	6:34	5:59:55.3	1:04:32	300	90	3.0	#112 Orion PMS	2	
0081.COMP	12	6:45	5:59:55.3	1:04:32	300	90	3.0	#112 Orion PMS	2	
0082.vso127766	900	6:52	5:59:56.9	1:13:42	300	90	3.0	#112 Orion PMS	2	
0083.COMP	12	7:08	5:59:56.9	1:13:42	300	90	3.0	#112 Orion PMS	2	
0084.vso127792	720	7:16	5:59:57.3	1:18:45	300	90	3.0	#112 Orion PMS	2	
0085.COMP	12	7:28	5:59:57.3	1:18:45	300	90	3.0	#112 Orion PMS	2	
0086.vso127839	900	7:30	5:59:58.4	0:57:33	300	90	3.0	#112 Orion PMS	2	
0087.COMP	12	7:46	5:59:58.4	0:57:33	300	90	3.0	#112 Orion PMS	2	
0088.vso127839	480	7:47	5:59:58.4	0:57:33	300	90	3.0	#112 Orion PMS	2	
0089.COMP	12	7:56	5:59:58.4	0:57:33	300	90	3.0	#112 Orion PMS	2	
0090.a576_328	1200	8:02	07:49:15.4	+55:16:53	300	90	3.0	#64 Cluster In	2	
0091.COMP	12	8:22	07:49:15.4	+55:16:53	300	90	3.0	#64 Cluster In	2	
0092.a576_332	420	8:24	07:04:38.8	+55:30:49	300	90	3.0	#64 Cluster In	2	
0093.COMP	12	8:31	07:04:38.8	+55:30:49	300	90	3.0	#64 Cluster In	2	
0094.a576_333	240	8:33	07:37:42.3	+52:46:24	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	8:38	07:37:42.3	+52:46:24	300	90	3.0	#64 Cluster In	2	
0096.a576_335	900	8:42	07:21:36.0	+58:16:25	300	90	3.0	#64 Cluster In	2	
0097.COMP	12	8:58	07:21:36.0	+58:16:25	300	90	3.0	#64 Cluster In	2	
0098.a576_336	300	9:05	07:04:17.2	+58:45:58	300	90	3.0	#64 Cluster In	2	

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0099.COMP	12	9:18	07:04:17.2	+58:45:58	300	90	3.0	#64 Cluster In	2	
0100.a576_337	1200	9:30	07:41:05.9	+55:23:43	300	90	3.0	#64 Cluster In	2	row=75
0101.COMP	12	9:51	07:41:05.9	+55:23:43	300	90	3.0	#64 Cluster In	2	
0102.a576_338	240	9:52	07:45:27.4	+55:47:30	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	9:57	07:45:27.4	+55:47:30	300	90	3.0	#64 Cluster In	2	
0104.a576_339	540	9:58	07:16:13.6	+58:26:20	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	10:07	07:16:13.6	+58:26:20	300	90	3.0	#64 Cluster In	2	
0106.a576_340	420	10:09	07:27:01.6	+53:41:37	300	90	3.0	#64 Cluster In	2	
0107.COMP	12	10:16	07:27:01.6	+53:41:37	300	90	3.0	#64 Cluster In	2	
0108.a576_341	300	10:18	07:23:49.1	+52:24:18	300	90	3.0	#64 Cluster In	2	
0109.COMP	12	10:24	07:23:49.1	+52:24:18	300	90	3.0	#64 Cluster In	2	
0110.a576_342	900	10:29	06:58:08.4	+54:13:02	300	90	3.0	#64 Cluster In	2	
0111.COMP	12	10:44	06:58:08.4	+54:13:02	300	90	3.0	#64 Cluster In	2	
0112.a576_343	240	10:46	07:28:43.7	+56:44:32	300	90	3.0	#64 Cluster In	2	
0113.COMP	12	10:51	07:28:43.7	+56:44:32	300	90	3.0	#64 Cluster In	2	
0114.a576_344	420	10:52	07:25:05.2	+56:41:24	300	90	3.0	#64 Cluster In	2	
0115.COMP	12	10:59	07:25:05.2	+56:41:24	300	90	3.0	#64 Cluster In	2	
0116.a576_345	300	11:03	07:00:27.5	+56:29:08	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	11:09	07:00:27.5	+56:29:08	300	90	3.0	#64 Cluster In	2	
0118.102318p45500_b	900	11:14	10:26:18.3	+45:35:28	300	90	3.0	#113 Galaxy In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.102318p45500_b	900	11:29	10:26:18.3	+45:35:28	300	90	3.0	#113 Galaxy In	2	
0120.COMP	12	11:44	10:26:18.3	+45:35:28	300	90	3.0	#113 Galaxy In	2	
0121.nrgb184.200	1200	11:54	12:06:49.7	+25:00:08	300	90	3.0	#59 X-Ray Grou	2	
0122.COMP	12	12:14	12:06:49.7	+25:00:08	300	90	3.0	#59 X-Ray Grou	2	
0123.nrgb184.201	1200	12:15	12:06:52.4	+24:59:48	300	90	3.0	#59 X-Ray Grou	2	
0124.COMP	12	12:36	12:06:52.4	+24:59:48	300	90	3.0	#59 X-Ray Grou	2	
0125.sn2001F	1200	12:42	13:17:20.0	+20:38:09	300	-40	3.0	#2 SN Observat	2	row=77
0126.COMP	12	13:03	13:17:20.0	+20:38:09	300	-40	3.0	#2 SN Observat	2	
0127.TXCVn	15	13:07	12:44:42.3	36:45:48	300	90	3.0	#12 Symbiotic	2	
0128.TXCVn	45	13:08	12:44:42.3	36:45:48	300	90	3.0	#12 Symbiotic	2	
0129.COMP	12	13:09	12:44:42.3	36:45:48	300	90	3.0	#12 Symbiotic	2	
0130.N3227	90	13:11	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0131.N3227	90	13:13	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0132.N3227	90	13:14	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0133.COMP	12	13:16	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0134.MRK421	180	13:18	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0135.MRK421	180	13:21	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0136.COMP	12	13:24	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0137.N4051	120	13:26	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0138.N4051	120	13:28	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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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>
0139.N4051	120	13:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0140.COMP	12	13:33	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0141.HZ44	150	13:34	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0142.COMP	12	13:37	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0143.HZ44	150	13:38	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0144.COMP	5	13:41	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0145-0149.sky	2	14:11	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0150.COMP	5	14:11	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0151-0160.BIAS	0	14:15	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0161-0170.FLAT	6	14:19	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0171-0180.BIAS	0	14:22	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0181-0190.FLAT	12	14:27	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0191-0200.DARK	900	16:45	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	0:16	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0008-0017.BIAS	0	1:20	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0018-0027.FLAT	6	1:23	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	4	
0028-0037.BIAS	0	1:26	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0038-0047.FLAT	12	1:30	13:23:35.2	+36:07:59	300	90	3.0	#57 Velocity S	2	
0048.PG0205p134	240	1:40	02:08:03.5	+13:36:31	300	90	3.0	#56 Photometri	2	
0049.COMP	12	1:45	02:08:03.5	+13:36:31	300	90	3.0	#56 Photometri	2	
0050.PG0205p134	240	1:46	02:08:03.5	+13:36:31	300	90	3.0	#56 Photometri	4	
0051.COMP	5	1:51	02:08:03.5	+13:36:31	300	90	3.0	#56 Photometri	4	
0052.M31	60	1:53	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0053.COMP	5	1:54	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	trouble with instrument ...
0054.BGGem	180	7:06	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0055.BGGem	900	7:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0056.COMP	12	7:25	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0057.sn2001G	1200	7:30	09:09:33.1	+50:16:51	300	49	3.0	#2 SN Observat	2	
0058.COMP	12	7:50	09:09:33.1	+50:16:51	300	49	3.0	#2 SN Observat	2	
0059.a576_346	300	7:51	07:49:12.2	+55:43:12	300	90	3.0	#64 Cluster In	2	No emission, get again
0060.COMP	12	7:57	07:49:12.2	+55:43:12	300	90	3.0	#64 Cluster In	2	
0061.a576_346	300	7:58	07:49:12.2	+55:43:12	300	90	3.0	#64 Cluster In	2	
0062.COMP	12	8:03	07:49:12.2	+55:43:12	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.a576_347	300	8:05	07:07:03.3	+56:01:04	300	90	3.0	#64 Cluster In	2	
0064.COMP	12	8:10	07:07:03.3	+56:01:04	300	90	3.0	#64 Cluster In	2	
0065.a576_348	360	8:11	07:18:08.2	+54:53:49	300	90	3.0	#64 Cluster In	2	
0066.COMP	12	8:18	07:18:08.2	+54:53:49	300	90	3.0	#64 Cluster In	2	
0067.a576_349	1200	8:19	07:18:53.1	+58:55:06	300	90	3.0	#64 Cluster In	2	row=76
0068.COMP	12	8:40	07:18:53.1	+58:55:06	300	90	3.0	#64 Cluster In	2	
0069.a576_350	240	8:42	07:23:36.6	+54:15:35	300	90	3.0	#64 Cluster In	2	
0070.COMP	12	8:46	07:23:36.6	+54:15:35	300	90	3.0	#64 Cluster In	2	
0071.a576_351	600	8:47	07:32:30.1	+57:37:54	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	8:59	07:32:30.1	+57:37:54	300	90	3.0	#64 Cluster In	2	
0073.a576_352	300	9:04	07:06:56.8	+59:07:06	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	9:10	07:06:56.8	+59:07:06	300	90	3.0	#64 Cluster In	2	
0075.a576_353	780	9:11	07:39:05.2	+58:56:13	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	9:24	07:39:05.2	+58:56:13	300	90	3.0	#64 Cluster In	2	
0077.SN2000fa	1200	9:29	07:15:29.8	+23:25:42	300	67	3.0	#2 SN Observat	2	
0078.COMP	12	9:50	07:15:29.8	+23:25:42	300	67	3.0	#2 SN Observat	2	
0079.092530+38450_b	1200	9:57	09:28:39.9	38:33:50	300	90	3.0	#113 Interacti	2	
0080.092530+38450_b	1200	10:17	09:28:39.9	38:33:50	300	90	3.0	#113 Interacti	2	row=79
0081.COMP	12	10:37	09:28:39.9	38:33:50	300	90	3.0	#113 Interacti	2	
0082.092730+23530_a	900	10:39	09:30:17.0	23:39:44	300	69	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	12	10:55	09:30:17.0	23:39:44	300	69	3.0	#113 Interacti	2	
0084.Feige34	90	10:58	10:39:36.7	+43:06:09	300	-32	3.0	#56 Photometri	2	
0085.Feige34	90	11:00	10:39:36.7	+43:06:09	300	-32	3.0	#56 Photometri	2	
0086.COMP	12	11:02	10:39:36.7	+43:06:09	300	-32	3.0	#56 Photometri	2	clouds coming in
0087.nrgb184.202	480	12:49	12:06:53.0	+25:11:47	300	90	3.0	#59 X-Ray Grou	4	
0088.COMP	5	12:57	12:06:53.0	+25:11:47	300	90	3.0	#59 X-Ray Grou	4	
0089.nrgb184.203	420	12:58	12:06:59.4	+25:42:41	300	90	3.0	#59 X-Ray Grou	4	
0090.COMP	5	13:06	12:06:59.4	+25:42:41	300	90	3.0	#59 X-Ray Grou	4	
0091.N4151	30	13:07	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0092.N4151	30	13:08	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0093.N4151	30	13:08	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0094.COMP	12	13:10	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0095.N5548	90	13:11	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0096.N5548	90	13:13	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0097.N5548	90	13:14	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0098.COMP	12	13:16	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0099.HZ44	120	13:18	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0100.COMP	12	13:21	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0101.HZ44	120	13:22	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0102.COMP	5	13:24	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	

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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>
0103.N5866	180	13:26	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0104.COMP	5	13:30	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0105-0109.sky	2	14:09	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0110.COMP	5	14:09	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0111-0120.BIAS	0	14:12	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0121-0130.FLAT	6	14:15	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0131-0140.BIAS	0	14:18	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0141-0150.FLAT	12	14:23	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0151-0160.DARK	900	16:44	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	

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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>
0001-0002.DARK	900	23:50	00:23:47.0	31:30:05	300	90	3.0	#57 Velocity S	4	
0003-0020.BIAS	0	0:24	00:42:21.0	31:30:02	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	8	0:27	00:45:20.0	31:30:02	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:30	00:48:15.0	31:30:02	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	0:35	00:53:45.0	31:30:02	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	0:58	00:58:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:59	00:58:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:40	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:41	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:42	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.158m213	300	1:43	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	1:49	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0062.srgb115.101	180	1:51	01:46:59.1	+13:07:26	300	90	3.0	#59 X-Ray Grou	4	
0063.COMP	5	1:55	01:46:59.1	+13:07:26	300	90	3.0	#59 X-Ray Grou	4	
0064.srgb115.114	300	1:56	01:48:22.7	+11:31:14	300	90	3.0	#59 X-Ray Grou	4	
0065.COMP	5	2:02	01:48:22.7	+11:31:14	300	90	3.0	#59 X-Ray Grou	4	
0066.srgb115.118	150	2:03	01:48:33.3	+12:36:48	300	90	3.0	#59 X-Ray Grou	4	
0067.COMP	5	2:07	01:48:33.3	+12:36:48	300	90	3.0	#59 X-Ray Grou	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:53	01:38:10.0	31:30:07	300	90	3.0	#59 X-Ray Grou	4	
0002-0003.DARK	900	1:23	02:08:32.0	31:30:08	300	90	3.0	#59 X-Ray Grou	4	
0004-0007.BIAS	0	1:40	02:10:21.0	31:30:08	300	90	3.0	#59 X-Ray Grou	4	
0008-0013.BIAS	0	1:41	02:11:09.0	31:30:09	300	90	3.0	#59 X-Ray Grou	4	
0014-0023.FLAT	6	1:44	02:14:55.0	31:30:09	300	90	3.0	#59 X-Ray Grou	4	
0024-0033.BIAS	0	1:47	02:17:28.0	31:30:09	300	90	3.0	#59 X-Ray Grou	2	
0034-0043.FLAT	12	1:51	02:21:57.0	31:30:09	300	90	3.0	#59 X-Ray Grou	2	
0044.Feige25	120	2:05	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0045.Feige25	120	2:07	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0046.COMP	5	2:10	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0047.Feige25	120	2:11	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0048.Feige25	120	2:13	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0049.COMP	12	2:16	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0050.Feige25	120	2:20	02:38:37.7	+05:28:11	300	4	3.0	#56 Photometri	2	
0051.Feige25	120	2:22	02:38:37.7	+05:28:11	300	4	3.0	#56 Photometri	2	
0052.COMP	12	2:25	02:38:37.7	+05:28:11	300	4	3.0	#56 Photometri	2	
0053.M31	60	2:29	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0054.COMP	12	2:30	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0055.M31	60	2:31	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:32	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	terrible seeing

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.sn2001I	1200	2:55	03:43:57.2	+39:17:39	300	40	3.0	#2 SN Observat	2	row=53?
0058.COMP	12	3:16	03:43:57.2	+39:17:39	300	40	3.0	#2 SN Observat	2	slew over to check focus
0059.sn2001I	1200	3:29	03:43:57.2	+39:17:39	300	-20	3.0	#2 SN Observat	2	try SN again
0060.COMP	12	3:50	03:43:57.2	+39:17:39	300	-20	3.0	#2 SN Observat	2	
0061.vso33946	480	3:55	5:02:46.1	1:53:53	300	-20	3.0	#112 Orion PMS	2	
0062.COMP	12	4:04	5:02:46.1	1:53:53	300	-20	3.0	#112 Orion PMS	2	
0063.vso34727	300	4:05	5:03:23.0	1:45:33	300	-20	3.0	#112 Orion PMS	2	
0064.COMP	12	4:11	5:03:23.0	1:45:33	300	-20	3.0	#112 Orion PMS	2	
0065.vso35044	240	4:13	5:03:36.9	1:34:23	300	-20	3.0	#112 Orion PMS	2	
0066.COMP	12	4:17	5:03:36.9	1:34:23	300	-20	3.0	#112 Orion PMS	2	
0067.vso35044	900	4:20	5:4:38.5	1:34:23	300	-20	3.0	#112 Orion PMS	2	
0068.COMP	12	4:38	5:4:38.5	1:34:23	300	-20	3.0	#112 Orion PMS	2	
0069.vso39083	1200	4:46	5:06:34.6	1:55:18	300	-20	3.0	#112 Orion PMS	2	
0070.COMP	12	5:06	5:06:34.6	1:55:18	300	-20	3.0	#112 Orion PMS	2	
0071.vso43397	600	5:09	5:09:47.4	1:37:50	300	-20	3.0	#112 Orion PMS	2	
0072.COMP	12	5:19	5:09:47.4	1:37:50	300	-20	3.0	#112 Orion PMS	2	
0073.vso43478	1020	5:21	5:09:50.8	1:53:50	300	-20	3.0	#112 Orion PMS	2	
0074.COMP	12	5:38	5:09:50.8	1:53:50	300	-20	3.0	#112 Orion PMS	2	
0075.vso43762	1200	5:42	5:10:02.2	1:56:45	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	6:02	5:10:02.2	1:56:45	300	90	3.0	#112 Orion PMS	2	

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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>
0077.vso46343	600	6:04	5:11:45.9	1:54:05	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	6:15	5:11:45.9	1:54:05	300	90	3.0	#112 Orion PMS	2	
0079.vso47958	1020	6:17	5:12:49.7	1:57:27	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	6:34	5:12:49.7	1:57:27	300	90	3.0	#112 Orion PMS	2	
0081.vso51310	1200	6:39	5:14:54.7	1:37:15	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	6:59	5:14:54.7	1:37:15	300	90	3.0	#112 Orion PMS	2	
0083.vso52563	720	7:01	5:15:43.4	1:36:43	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	7:14	5:15:43.4	1:36:43	300	90	3.0	#112 Orion PMS	2	
0085.BGGem	180	7:19	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0086.BGGem	900	7:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0087.COMP	12	7:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0088.092312+19360_a	1200	7:44	09:26:01.2	19:22:59	300	90	3.0	#113 Interacti	2	
0089.COMP	12	8:04	09:26:01.2	19:22:59	300	90	3.0	#113 Interacti	2	
0090.092730+23530_b	1200	8:05	09:30:16.2	23:37:27	300	90	3.0	#113 Interacti	2	
0091.092730+23530_b	1200	8:26	09:30:16.2	23:37:27	300	90	3.0	#113 Interacti	2	
0092.COMP	12	8:46	09:30:16.2	23:37:27	300	90	3.0	#113 Interacti	2	
0093.092942+11020_a	780	8:48	09:32:21.1	10:48:32	300	110	3.0	#113 Interacti	2	
0094.COMP	12	9:02	09:32:21.1	10:48:32	300	110	3.0	#113 Interacti	2	
0095.092942+11020_b	1020	9:03	09:32:25.2	10:45:48	300	90	3.0	#113 Interacti	2	
0096.COMP	12	9:20	09:32:25.2	10:45:48	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.093512+17150_a	1020	9:22	09:37:55.0	17:00:53	300	30	3.0	#113 Interacti	2	
0098.COMP	12	9:39	09:37:55.0	17:00:53	300	30	3.0	#113 Interacti	2	
0099.093512+17150_b	720	9:41	09:37:55.1	17:03:16	300	90	3.0	#113 Interacti	2	
0100.093512+17150_b	720	9:54	09:37:55.1	17:03:16	300	90	3.0	#113 Interacti	2	
0101.COMP	12	10:06	09:37:55.1	17:03:16	300	90	3.0	#113 Interacti	2	
0102.095048+00560_a	600	10:08	09:53:20.1	00:41:49	300	105	3.0	#113 Interacti	2	
0103.COMP	12	10:19	09:53:20.1	00:41:49	300	105	3.0	#113 Interacti	2	
0104.Feige34	90	10:23	10:39:36.7	+43:06:09	300	-14	3.0	#56 Photometri	2	
0105.COMP	12	10:25	10:39:36.7	+43:06:09	300	-14	3.0	#56 Photometri	2	
0106.sn2001J	1200	10:34	09:00:43.2	+17:37:15	300	57	3.0	#2 SN Observat	2	
0107.COMP	12	10:54	09:00:43.2	+17:37:15	300	57	3.0	#2 SN Observat	2	
0108.smcg	600	10:58	11:36:48.8	-08:35:07	300	-3	3.0	#2 SN Observat	2	Nice!IA
0109.COMP	12	11:09	11:36:48.8	-08:35:07	300	-3	3.0	#2 SN Observat	2	
0110.sn2001D	1200	11:14	11:44:50.9	-01:36:18	300	0	3.0	#2 SN Observat	2	row=79
0111.COMP	12	11:34	11:44:50.9	-01:36:18	300	0	3.0	#2 SN Observat	2	
0112.sn2001E	1200	11:37	11:49:05.0	-09:44:10	300	5	3.0	#2 SN Observat	2	Another nice IA!!
0113.COMP	12	11:57	11:49:05.0	-09:44:10	300	5	3.0	#2 SN Observat	2	
0114.nrgb184.204	540	12:02	12:07:01.2	+24:53:48	300	90	3.0	#59 X-Ray Grou	2	
0115.COMP	12	12:11	12:07:01.2	+24:53:48	300	90	3.0	#59 X-Ray Grou	2	
0116.nrgb184.205	720	12:13	12:07:01.4	+25:43:09	300	90	3.0	#59 X-Ray Grou	2	

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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>
0117.COMP	12	12:25	12:07:01.4	+25:43:09	300	90	3.0	#59 X-Ray Grou	2	
0118.nrgb184.206	1200	12:28	12:07:03.4	+25:43:41	300	25	3.0	#59 X-Ray Grou	2	
0119.COMP	12	12:48	12:07:03.4	+25:43:41	300	25	3.0	#59 X-Ray Grou	2	
0120.nrgb184.207	540	12:49	12:07:05.7	+24:29:21	300	90	3.0	#59 X-Ray Grou	2	
0121.COMP	12	12:59	12:07:05.7	+24:29:21	300	90	3.0	#59 X-Ray Grou	2	
0122.nrgb184.208	240	13:00	12:07:09.5	+25:38:22	300	90	3.0	#59 X-Ray Grou	2	
0123.COMP	12	13:04	12:07:09.5	+25:38:22	300	90	3.0	#59 X-Ray Grou	2	
0124.nrgb184.209	360	13:05	12:07:09.9	+24:50:37	300	90	3.0	#59 X-Ray Grou	2	
0125.COMP	12	13:12	12:07:09.9	+24:50:37	300	90	3.0	#59 X-Ray Grou	2	
0126.N3227	90	13:13	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0127.N3227	90	13:15	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0128.N3227	90	13:16	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0129.COMP	12	13:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0130.MRK421	180	13:20	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0131.MRK421	180	13:23	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0132.COMP	12	13:26	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0133-0137.sky	2	14:09	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0138.COMP	5	14:10	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0139-0148.BIAS	0	14:14	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0149-0158.FLAT	6	14:17	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	

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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>
0159-0168.BIAS	0	14:20	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0169-0178.FLAT	12	14:24	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0179-0188.DARK	900	16:43	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:05	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:21	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:24	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:26	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:33	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0051.Feige25	120	1:48	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0052.Feige25	120	1:50	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0053.COMP	5	1:52	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0054.Feige25	120	1:53	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0055.Feige25	120	1:55	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0056.COMP	12	1:58	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0057.Feige25	120	2:00	02:38:37.7	+05:28:11	300	-3	3.0	#56 Photometri	2	
0058.Feige25	120	2:03	02:38:37.7	+05:28:11	300	-3	3.0	#56 Photometri	2	
0059.COMP	12	2:05	02:38:37.7	+05:28:11	300	-3	3.0	#56 Photometri	2	
0060.M32	70	2:09	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0061.COMP	12	2:11	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0062.sn2001I	1200	2:17	03:43:57.2	+39:17:39	300	8	3.0	#2 SN Observat	2	
0063.COMP	12	2:38	03:43:57.2	+39:17:39	300	8	3.0	#2 SN Observat	2	
0064.021730p570623	480	2:45	02:17:31.0	+57:6:23	300	90	3.0	#83 H+Chi Per	2	
0065.COMP	12	2:54	02:17:31.0	+57:6:23	300	90	3.0	#83 H+Chi Per	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.021731p571053	540	2:55	02:17:31.2	+57:10:53	300	90	3.0	#83 H+Chi Per	2	
0067.COMP	12	3:04	02:17:31.2	+57:10:53	300	90	3.0	#83 H+Chi Per	2	
0068.021739p571506	720	3:07	02:17:39.9	+57:15:6	300	29	3.0	#83 H+Chi Per	2	rotate to isolate
0069.COMP	12	3:19	02:17:39.9	+57:15:6	300	29	3.0	#83 H+Chi Per	2	
0070.021740p570427	540	3:21	02:17:40.3	+57:4:27	300	90	3.0	#83 H+Chi Per	2	
0071.COMP	12	3:31	02:17:40.3	+57:4:27	300	90	3.0	#83 H+Chi Per	2	
0072.021743p571039	720	3:32	02:17:43.6	+57:10:39	300	90	3.0	#83 H+Chi Per	2	
0073.COMP	12	3:45	02:17:43.6	+57:10:39	300	90	3.0	#83 H+Chi Per	2	
0074.021746p570408	720	3:46	02:17:46.4	+57:4:8	300	90	3.0	#83 H+Chi Per	2	
0075.COMP	12	3:58	02:17:46.4	+57:4:8	300	90	3.0	#83 H+Chi Per	2	
0076.021747p571126	900	3:59	02:17:47.8	+57:11:26	300	90	3.0	#83 H+Chi Per	2	row=75
0077.COMP	12	4:15	02:17:47.8	+57:11:26	300	90	3.0	#83 H+Chi Per	2	
0078.021749p571424	900	4:16	02:17:49.2	+57:14:24	300	90	3.0	#83 H+Chi Per	2	
0079.COMP	12	4:31	02:17:49.2	+57:14:24	300	90	3.0	#83 H+Chi Per	2	
0080.021751p571330	780	4:33	02:17:51.1	+57:13:30	300	90	3.0	#83 H+Chi Per	2	
0081.COMP	12	4:46	02:17:51.1	+57:13:30	300	90	3.0	#83 H+Chi Per	2	
0082.021802p570223	780	4:47	02:18:2.1	+57:2:23	300	90	3.0	#83 H+Chi Per	2	
0083.COMP	12	5:01	02:18:2.1	+57:2:23	300	90	3.0	#83 H+Chi Per	2	
0084.021803p570011	600	5:02	02:18:3.6	+57:0:11	300	90	3.0	#83 H+Chi Per	2	
0085.COMP	12	5:12	02:18:3.6	+57:0:11	300	90	3.0	#83 H+Chi Per	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.021804p570017	480	5:15	02:18:4.2	+57:0:17	300	110	3.0	#83 H+Chi Per	2	rotate to isolate
0087.COMP	12	5:25	02:18:4.2	+57:0:17	300	110	3.0	#83 H+Chi Per	2	
0088.021804p570018	720	5:27	02:18:4.9	+57:0:18	300	90	3.0	#83 H+Chi Per	2	
0089.COMP	12	5:39	02:18:4.9	+57:0:18	300	90	3.0	#83 H+Chi Per	2	
0090.021812p571849	780	5:40	02:18:12.0	+57:18:49	300	90	3.0	#83 H+Chi Per	2	
0091.COMP	12	5:54	02:18:12.0	+57:18:49	300	90	3.0	#83 H+Chi Per	2	
0092.021820p571634	900	5:57	02:18:20.3	+57:16:34	300	90	3.0	#83 H+Chi Per	2	clouds moving in
0093.COMP	12	6:13	02:18:20.3	+57:16:34	300	90	3.0	#83 H+Chi Per	2	
0094.021821p565826	1020	6:14	02:18:21.0	+56:58:26	300	90	3.0	#83 H+Chi Per	2	
0095.COMP	12	6:32	02:18:21.0	+56:58:26	300	90	3.0	#83 H+Chi Per	2	
0096.021831p565905	1020	6:33	02:18:32.0	+56:59:5	300	90	3.0	#83 H+Chi Per	2	
0097.COMP	12	6:50	02:18:32.0	+56:59:5	300	90	3.0	#83 H+Chi Per	2	
0098.021845p571824	780	6:52	02:18:45.9	+57:18:24	300	90	3.0	#83 H+Chi Per	2	
0099.COMP	12	7:05	02:18:45.9	+57:18:24	300	90	3.0	#83 H+Chi Per	2	wait out some clouds
0100.Hiltner600	45	8:01	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0101.COMP	12	8:02	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0102.BGGem	180	8:04	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0103.BGGem	900	8:07	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0104.COMP	12	8:23	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0105.095048+00560_b	1200	8:25	09:53:20.3	00:43:13	300	90	3.0	#113 Interacti	2	

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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>
0106.095048+00560_b	1200	8:45	09:53:20.3	00:43:13	300	90	3.0	#113 Interacti	2	
0107.COMP	12	9:05	09:53:20.3	00:43:13	300	90	3.0	#113 Interacti	2	
0108.095336+17050_b	1200	9:08	09:56:10.8	16:47:35	300	90	3.0	#113 Interacti	2	foreground star?
0109.095336+17050_b	1200	9:28	09:56:10.8	16:47:35	300	90	3.0	#113 Interacti	2	
0110.COMP	12	9:49	09:56:10.8	16:47:35	300	90	3.0	#113 Interacti	2	
0111.095336+17050_a	720	9:50	09:56:19.4	16:49:55	300	80	3.0	#113 Interacti	2	
0112.COMP	12	10:03	09:56:19.4	16:49:55	300	80	3.0	#113 Interacti	2	
0113.082042+09340_a	720	10:05	08:23:28.6	09:24:04	300	90	3.0	Interactions	4	
0114.COMP	5	10:17	08:23:28.6	09:24:04	300	90	3.0	Interactions	4	
0115.082042+09340_b	1020	10:18	08:23:23.8	09:23:44	300	90	3.0	Interactions	4	
0116.COMP	5	10:36	08:23:23.8	09:23:44	300	90	3.0	Interactions	4	
0117.082048+18280_a	1200	10:37	08:23:39.6	18:18:00	300	90	3.0	Interactions	4	
0118.COMP	5	10:57	08:23:39.6	18:18:00	300	90	3.0	Interactions	4	
0119.082048+18280_b	780	10:58	08:23:33.3	18:19:36	300	90	3.0	Interactions	4	
0120.COMP	5	11:12	08:23:33.3	18:19:36	300	90	3.0	Interactions	4	
0121.082400+17320_a	480	11:13	08:26:47.8	17:22:29	300	90	3.0	Interactions	4	
0122.COMP	5	11:21	08:26:47.8	17:22:29	300	90	3.0	Interactions	4	
0123.082400+17320_b	900	11:22	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0124.COMP	5	11:38	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0125-0134.BIAS	0	12:19	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	

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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>
0135-0144.FLAT	6	12:22	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0145-0154.BIAS	0	12:25	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	
0155-0164.FLAT	12	12:33	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	
0165-0174.DARK	900	15:27	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	

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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>
0001-0006.DARK	900	0:30	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0007-0016.BIAS	0	0:49	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0017-0026.FLAT	6	0:52	08:26:41.2	17:22:34	300	90	3.0	Interactions	4	
0027-0036.BIAS	0	0:55	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	
0037-0046.FLAT	12	0:59	08:26:41.2	17:22:34	300	90	3.0	Interactions	2	
0047-0051.sky	2	1:04	08:26:41.2	17:22:34	300	90	3.0	#57 Velocity S	4	
0052.COMP	5	1:05	08:26:41.2	17:22:34	300	90	3.0	#57 Velocity S	4	
0053.Feige25	120	1:35	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0054.Feige25	120	1:37	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0055.COMP	5	1:39	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	4	
0056.Feige25	120	1:40	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0057.Feige25	120	1:42	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0058.COMP	12	1:45	02:38:37.7	+05:28:11	300	90	3.0	#56 Photometri	2	
0059.Feige25	120	1:47	02:38:37.7	+05:28:11	300	-9	3.0	#56 Photometri	2	
0060.Feige25	120	1:49	02:38:37.7	+05:28:11	300	-9	3.0	#56 Photometri	2	
0061.COMP	12	1:51	02:38:37.7	+05:28:11	300	-9	3.0	#56 Photometri	2	
0062.M31	60	1:55	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	1:56	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0064.021846p565635	600	2:02	02:18:46.8	+56:56:35	300	90	3.0	#83 H+Chi Per	2	
0065.COMP	12	2:13	02:18:46.8	+56:56:35	300	90	3.0	#83 H+Chi Per	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.021852p572015	780	2:14	02:18:52.6	+57:20:15	300	90	3.0	#83 H+Chi Per	2	
0067.COMP	12	2:28	02:18:52.6	+57:20:15	300	90	3.0	#83 H+Chi Per	2	
0068.021853p572105	900	2:30	02:18:53.6	+57:21:5	300	90	3.0	#83 H+Chi Per	2	
0069.COMP	12	2:45	02:18:53.6	+57:21:5	300	90	3.0	#83 H+Chi Per	2	
0070.021904p571800	900	2:47	02:19:4.4	+57:18:0	300	90	3.0	#83 H+Chi Per	2	
0071.COMP	12	3:02	02:19:4.4	+57:18:0	300	90	3.0	#83 H+Chi Per	2	
0072.sn2001I	1200	3:08	03:43:57.2	+39:17:39	300	45	3.0	#2 SN Observat	2	
0073.COMP	12	3:29	03:43:57.2	+39:17:39	300	45	3.0	#2 SN Observat	2	
0074.sn2001B	1200	3:37	04:57:19.2	+78:11:16	300	12	3.0	#2 SN Observat	2	
0075.COMP	12	3:57	04:57:19.2	+78:11:16	300	12	3.0	#2 SN Observat	2	
0076.Feige25	120	4:07	02:38:37.7	+05:28:11	300	43	3.0	#56 Photometri	2	
0077.COMP	12	4:09	02:38:37.7	+05:28:11	300	43	3.0	#56 Photometri	2	
0078.021908p565640	1020	4:13	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0079.COMP	12	4:30	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0080.021908p565640	600	4:31	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0081.COMP	12	4:42	02:19:8.2	+56:56:40	300	90	3.0	#83 H+Chi Per	2	
0082.021923p572047	900	4:44	02:19:23.4	+57:20:47	300	90	3.0	#83 H+Chi Per	2	terrible seeing!
0083.COMP	12	5:00	02:19:23.4	+57:20:47	300	90	3.0	#83 H+Chi Per	2	
0084.021927p565755	900	5:02	02:19:27.4	+56:57:55	300	90	3.0	#83 H+Chi Per	2	
0085.COMP	12	5:18	02:19:27.4	+56:57:55	300	90	3.0	#83 H+Chi Per	2	

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0086.021929p571903	780	5:19	02:19:29.2	+57:19:3	300	90	3.0	#83 H+Chi Per	2	
0087.COMP	12	5:33	02:19:29.2	+57:19:3	300	90	3.0	#83 H+Chi Per	2	
0088.021931p571749	780	5:39	02:19:31.5	+57:17:49	300	90	3.0	#83 H+Chi Per	2	
0089.COMP	12	5:53	02:19:31.5	+57:17:49	300	90	3.0	#83 H+Chi Per	2	
0090.021933p571557	900	5:54	02:19:33.0	+57:15:58	300	90	3.0	#83 H+Chi Per	2	
0091.COMP	12	6:12	02:19:33.0	+57:15:58	300	90	3.0	#83 H+Chi Per	2	
0092.021934p565916	900	6:13	02:19:34.2	+56:59:16	300	90	3.0	#83 H+Chi Per	2	
0093.COMP	12	6:28	02:19:34.2	+56:59:16	300	90	3.0	#83 H+Chi Per	2	
0094.a496_411	300	6:32	04:31:36.8	-11:42:27	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	6:38	04:31:36.8	-11:42:27	300	90	3.0	#64 Cluster In	2	
0096.a496_412	900	6:39	04:41:04.5	-11:24:17	300	90	3.0	#64 Cluster In	4	
0097.COMP	5	6:54	04:41:04.5	-11:24:17	300	90	3.0	#64 Cluster In	4	
0098.a496_416	300	6:55	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	get again
0099.COMP	5	7:01	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	
0100.a496_416	300	7:02	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	7:07	04:33:35.6	-13:25:27	300	90	3.0	#64 Cluster In	4	
0102.a496_417	720	7:08	04:42:48.2	-14:37:46	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	7:20	04:42:48.2	-14:37:46	300	90	3.0	#64 Cluster In	4	
0104.a496_418	780	7:22	04:30:29.1	-16:01:48	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	7:35	04:30:29.1	-16:01:48	300	90	3.0	#64 Cluster In	2	

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0106.BGGem	180	7:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0107.BGGem	900	7:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0108.COMP	12	7:56	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0109.sn2001C	900	8:01	06:59:36.1	+59:31:01	300	-41	3.0	#2 SN Observat	2	
0110.COMP	12	8:17	06:59:36.1	+59:31:01	300	-41	3.0	#2 SN Observat	2	
0111.SN2000fa	1200	8:22	07:15:29.8	+23:25:42	300	64	3.0	#2 SN Observat	2	row=75
0112.COMP	12	8:42	07:15:29.8	+23:25:42	300	64	3.0	#2 SN Observat	2	
0113.a576b_183	1200	8:46	07:18:56.1	56:52:14	300	90	3.0	#64 Cluster In	2	row=75
0114.COMP	12	9:07	07:18:56.1	56:52:14	300	90	3.0	#64 Cluster In	2	
0115.a576b_206	1200	9:10	07:16:26.8	56:21:31	300	90	3.0	#64 Cluster In	2	
0116.a576b_206	1200	9:31	07:16:26.8	56:21:31	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	9:51	07:16:26.8	56:21:31	300	90	3.0	#64 Cluster In	2	
0118.HD079439	0	10:10	09:12:36.2	+54:13:47	300	90	3.0	#83 Standards	2	
0119.HD079439	0	10:10	09:12:36.2	+54:13:47	300	90	3.0	#83 Standards	2	
0120.COMP	12	10:12	09:12:36.2	+54:13:47	300	90	3.0	#83 Standards	2	
0121.HD080081	0	10:14	09:15:44.3	+37:00:55	300	90	3.0	#83 Standards	2	
0122.HD080081	0	10:14	09:15:44.3	+37:00:55	300	90	3.0	#83 Standards	2	
0123.COMP	12	10:15	09:15:44.3	+37:00:55	300	90	3.0	#83 Standards	2	
0124.HD087696	0	10:16	10:04:29.1	+35:29:21	300	90	3.0	#83 Standards	2	
0125.HD087696	0	10:16	10:04:29.1	+35:29:21	300	90	3.0	#83 Standards	2	

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0126.COMP	12	10:17	10:04:29.1	+35:29:21	300	90	3.0	#83 Standards	2	
0127.HD097603	0	10:21	11:11:27.0	+20:47:52	300	90	3.0	#83 Standards	2	
0128.COMP	12	10:21	11:11:27.0	+20:47:52	300	90	3.0	#83 Standards	2	
0129.HD103287	0	10:23	11:51:12.5	+53:58:21	300	90	3.0	#83 Standards	2	
0130.COMP	12	10:23	11:51:12.5	+53:58:21	300	90	3.0	#83 Standards	2	
0131.HD106591	0	10:24	12:12:57.5	+57:18:36	300	90	3.0	#83 Standards	2	
0132.HD106591	0	10:25	12:12:57.5	+57:18:36	300	90	3.0	#83 Standards	2	
0133.COMP	12	10:25	12:12:57.5	+57:18:36	300	90	3.0	#83 Standards	2	
0134.HD120315	0	10:27	13:45:34.2	+49:33:44	300	90	3.0	#83 Standards	2	
0135.COMP	12	10:27	13:45:34.2	+49:33:44	300	90	3.0	#83 Standards	2	
0136.HD105805	0	10:31	12:10:46.1	27:16:53	300	90	3.0	#83 A-type Sta	2	
0137.COMP	12	10:32	12:10:46.1	27:16:53	300	90	3.0	#83 A-type Sta	2	
0138.HD106103	0	10:34	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0139.HD106103	1	10:34	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0140.HD106103	3	10:35	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0141.COMP	12	10:36	12:12:24.9	27:22:48	300	90	3.0	#83 A-type Sta	2	
0142.HD106691	3	10:37	12:16:8.4	25:45:37	300	90	3.0	#83 A-type Sta	2	
0143.HD106691	5	10:37	12:16:8.4	25:45:37	300	90	3.0	#83 A-type Sta	2	
0144.COMP	12	10:38	12:16:8.4	25:45:37	300	90	3.0	#83 A-type Sta	2	
0145.HD107131	5	10:39	12:19:2.0	26:00:30	300	90	3.0	#83 A-type Sta	2	

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0146.HD107131	1	10:40	12:19:2.0	26:00:30	300	90	3.0	#83 A-type Sta	2	
0147.COMP	12	10:41	12:19:2.0	26:00:30	300	90	3.0	#83 A-type Sta	2	
0148.HD107214	2	10:42	12:19:28.4	24:17:3	300	90	3.0	#83 A-type Sta	2	
0149.HD107214	7	10:43	12:19:28.4	24:17:3	300	90	3.0	#83 A-type Sta	2	
0150.COMP	12	10:43	12:19:28.4	24:17:3	300	90	3.0	#83 A-type Sta	2	
0151.HD107701	1	10:46	12:22:31.3	25:49:42	300	90	3.0	#83 A-type Sta	2	
0152.HD107701	10	10:46	12:22:31.3	25:49:42	300	90	3.0	#83 A-type Sta	2	
0153.COMP	12	10:47	12:22:31.3	25:49:42	300	90	3.0	#83 A-type Sta	2	
0154.HD107877	7	10:49	12:23:41	26:58:47	300	90	3.0	#83 A-type Sta	2	
0155.COMP	12	10:49	12:23:41	26:58:47	300	90	3.0	#83 A-type Sta	2	
0156.HD107935	1	10:51	12:24:3.5	25:51:4	300	90	3.0	#83 A-type Sta	2	
0157.COMP	12	10:52	12:24:3.5	25:51:4	300	90	3.0	#83 A-type Sta	2	
0158.HD108007	1	10:53	12:24:26.8	25:34:56	300	90	3.0	#83 A-type Sta	2	
0159.COMP	12	10:54	12:24:26.8	25:34:56	300	90	3.0	#83 A-type Sta	2	
0160.HD108154	7	10:55	12:25:22.5	23:13:44	300	90	3.0	#83 A-type Sta	2	
0161.COMP	12	10:56	12:25:22.5	23:13:44	300	90	3.0	#83 A-type Sta	2	
0162.HD108382	1	10:57	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	
0163.HD108382	0	10:58	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	
0164.HD108382	0	10:58	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	
0165.COMP	12	10:59	12:26:59.3	26:49:32	300	90	3.0	#83 A-type Sta	2	

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0166.HD108976	8	11:00	12:31:3.1	27:43:49	300	90	3.0	#83 A-type Sta	2	
0167.COMP	12	11:01	12:31:3.1	27:43:49	300	90	3.0	#83 A-type Sta	2	
0168.HD109307	1	11:02	12:33:34.2	24:16:58	300	90	3.0	#83 A-type Sta	2	
0169.HD109307	0	11:03	12:33:34.2	24:16:58	300	90	3.0	#83 A-type Sta	2	
0170.COMP	12	11:04	12:33:34.2	24:16:58	300	90	3.0	#83 A-type Sta	2	
0171.MRK110	360	11:30	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0172.COMP	12	11:36	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0173.N3227	90	11:38	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0174.N3227	90	11:40	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0175.N3227	90	11:41	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0176.COMP	12	11:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0177.N4051	120	11:45	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0178.N4051	120	11:47	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0179.N4051	120	11:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0180.COMP	12	11:52	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0181.N4151	30	11:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0182.N4151	30	11:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0183.N4151	30	11:54	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0184.COMP	12	11:55	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0185.N5548	90	11:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

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0186.N5548	90	11:58	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0187.N5548	90	12:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0188.COMP	12	12:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0189.nrgb184.210	600	12:03	12:07:15.3	+24:44:30	300	90	3.0	#59 X-Ray Grou	2	
0190.COMP	12	12:14	12:07:15.3	+24:44:30	300	90	3.0	#59 X-Ray Grou	2	
0191.nrgb184.211	240	12:15	12:07:16.1	+25:17:04	300	90	3.0	#59 X-Ray Grou	2	
0192.COMP	12	12:19	12:07:16.1	+25:17:04	300	90	3.0	#59 X-Ray Grou	2	
0193.nrgb184.212	720	12:20	12:07:17.6	+25:15:46	300	90	3.0	#59 X-Ray Grou	2	
0194.COMP	12	12:33	12:07:17.6	+25:15:46	300	90	3.0	#59 X-Ray Grou	2	
0195.nrgb184.213	420	12:42	12:07:19.6	+25:39:03	300	90	3.0	#59 X-Ray Grou	2	
0196.COMP	12	12:50	12:07:19.6	+25:39:03	300	90	3.0	#59 X-Ray Grou	2	
0197.nrgb184.214	360	12:51	12:07:20.0	+24:11:53	300	90	3.0	#59 X-Ray Grou	2	
0198.COMP	12	12:57	12:07:20.0	+24:11:53	300	90	3.0	#59 X-Ray Grou	2	
0199.nrgb184.215	300	13:00	12:07:20.7	+25:36:39	300	90	3.0	#59 X-Ray Grou	2	
0200.COMP	12	13:05	12:07:20.7	+25:36:39	300	90	3.0	#59 X-Ray Grou	2	
0201.nrgb184.217	600	13:07	12:07:22.5	+25:36:34	300	90	3.0	#59 X-Ray Grou	2	
0202.COMP	12	13:17	12:07:22.5	+25:36:34	300	90	3.0	#59 X-Ray Grou	2	
0203.HZ44	120	13:25	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0204.COMP	12	13:27	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0205-0214.BIAS	0	13:33	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	

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0215-0224.FLAT	6	13:36	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	
0225-0234.BIAS	0	13:39	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	
0235-0244.FLAT	12	13:43	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	
0245-0254.DARK	900	16:02	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	

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0001-0005.DARK	900	0:41	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	
0006-0015.BIAS	0	0:59	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	
0016-0025.FLAT	6	1:05	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	4	
0026-0035.BIAS	0	1:07	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	
0036-0045.FLAT	12	1:12	13:23:35.2	+36:07:59	300	90	3.0	#59 X-Ray Grou	2	
0046.Hiltner600	60	4:48	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	overcast at sunset
0047.Hiltner600	60	4:49	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0048.COMP	5	4:50	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0049.Hiltner600	50	4:51	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0050.Hiltner600	50	4:52	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0051.COMP	12	4:53	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0052.Hiltner600	70	4:58	06:45:12.0	+02:06:00	300	-26	3.0	#56 Photometri	2	
0053.Hiltner600	70	4:59	06:45:12.0	+02:06:00	300	-26	3.0	#56 Photometri	2	
0054.COMP	12	5:01	06:45:12.0	+02:06:00	300	-26	3.0	#56 Photometri	2	
0055.BGGem	240	5:11	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0056.BGGem	1020	5:15	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0057.COMP	12	5:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0058.SN2000eo	900	5:38	03:09:08.2	-10:17:54	300	44	3.0	#2 SN Observat	2	row=77
0059.SN2000eo	900	5:54	03:09:08.2	-10:17:54	300	44	3.0	#2 SN Observat	2	
0060.COMP	12	6:09	03:09:08.2	-10:17:54	300	44	3.0	#2 SN Observat	2	

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0061.vso55251	720	6:28	5:17:16.4	2:05:11	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	6:40	5:17:16.4	2:05:11	300	90	3.0	#112 Orion PMS	2	
0063.vso57705	900	6:41	5:18:55.1	1:56:00	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	6:57	5:18:55.1	1:56:00	300	90	3.0	#112 Orion PMS	2	
0065.vso64906	900	6:58	5:23:19.5	2:04:45	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	7:14	5:23:19.5	2:04:45	300	90	3.0	#112 Orion PMS	2	wait out clouds
0067.snn3327	1140	10:49	10:39:57.9	24:05:29	300	57	3.0	#2 SN Observat	2	
0068.COMP	12	11:08	10:39:57.9	24:05:29	300	57	3.0	#2 SN Observat	2	
0069-0078.BIAS	0	12:10	10:24:30.9	-21:47:26	300	90	3.0	#2 SN Observat	4	
0079-0088.FLAT	6	12:13	10:24:30.9	-21:47:26	300	90	3.0	#2 SN Observat	4	
0089-0098.BIAS	0	12:15	10:24:30.9	-21:47:26	300	90	3.0	#2 SN Observat	2	
0099-0108.FLAT	12	12:20	10:24:30.9	-21:47:26	300	90	3.0	#2 SN Observat	2	
0109-0118.DARK	900	14:38	10:24:30.9	-21:47:26	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:36	01:21:44.0	31:30:07	300	90	3.0	#2 SN Observat	4	
0011.FLAT	7	0:36	01:22:10.0	31:30:07	300	90	3.0	#2 SN Observat	4	nice sunset
0012-0020.FLAT	7	0:38	01:24:34.0	31:30:07	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	0:41	01:27:14.0	31:30:07	300	90	3.0	#2 SN Observat	2	
0031.FLAT	14	0:42	01:28:07.0	31:30:07	300	90	3.0	#2 SN Observat	2	clearing
0032-0040.FLAT	14	0:46	01:32:28.0	31:30:07	300	90	3.0	#2 SN Observat	2	
0041-0045.sky	2	1:04	01:35:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	1:05	01:35:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.M32	30	1:59	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0048.M32	30	2:00	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0049.COMP	5	2:01	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0050.HD12623	5	2:02	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0051.HD12623	5	2:02	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0052.HD12623	5	2:03	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0053.COMP	5	2:03	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0054.021730p570623	360	2:04	02:17:31.0	+57:6:23	300	90	3.0	#83 h/chi Pers	4	
0055.021936p571530	300	2:11	02:19:36.3	+57:15:31	300	90	3.0	#83 h/chi Pers	4	
0056.COMP	5	2:16	02:19:36.3	+57:15:31	300	90	3.0	#83 h/chi Pers	4	
0057.021937p565921	300	2:17	02:19:37.3	+56:59:21	300	90	3.0	#83 h/chi Pers	4	
0058.021939p571920	360	2:22	02:19:40.0	+57:19:21	300	90	3.0	#83 h/chi Pers	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.COMP	5	2:29	02:19:40.0	+57:19:21	300	90	3.0	#83 h/chi Pers	4	
0060.BGGem	180	2:30	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0061.BGGem	900	2:34	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0062.COMP	5	2:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0063.021945p570104	300	2:51	02:19:45.2	+57:1:4	300	90	3.0	#83 h/chi Pers	4	
0064.021948p565745	360	2:56	02:19:48.4	+56:57:45	300	90	3.0	#83 h/chi Pers	4	
0065.COMP	5	3:03	02:19:48.4	+56:57:45	300	90	3.0	#83 h/chi Pers	4	
0066.021954p570108	300	3:03	02:19:54.8	+57:1:8	300	90	3.0	#83 h/chi Pers	4	clouds moving in
0067.022000p571714	300	3:09	02:20:0.5	+57:17:15	300	90	3.0	#83 h/chi Pers	4	
0068.COMP	5	3:15	02:20:0.5	+57:17:15	300	90	3.0	#83 h/chi Pers	4	
0069.022004p571529	360	3:16	02:20:4.8	+57:15:29	300	90	3.0	#83 h/chi Pers	4	
0070.022009p570857	360	3:23	02:20:9.7	+57:8:57	300	90	3.0	#83 h/chi Pers	4	stopped by clouds
0071.COMP	5	3:30	02:20:9.7	+57:8:57	300	90	3.0	#83 h/chi Pers	4	
0072.022011p565652	360	3:39	02:20:11.3	+56:56:52	300	90	3.0	#83 h/chi Pers	4	
0073.022013p570726	360	3:48	02:20:13.8	+57:7:26	300	90	3.0	#83 h/chi Pers	4	
0074.COMP	5	3:55	02:20:13.8	+57:7:26	300	90	3.0	#83 h/chi Pers	4	
0075.022017p570019	360	3:55	02:20:17.4	+57:0:19	300	90	3.0	#83 h/chi Pers	4	stopped again
0076.COMP	5	4:17	02:20:18.7	+56:58:50	300	90	3.0	#83 h/chi Pers	4	
0077.Hiltner600	60	6:36	06:45:12.0	+02:06:00	300	18	3.0	#56 Photometri	2	
0078.Hiltner600	60	6:37	06:45:12.0	+02:06:00	300	18	3.0	#56 Photometri	2	

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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>
0079.COMP	10	6:39	06:45:12.0	+02:06:00	300	18	3.0	#56 Photometri	2	
0080.090354+26280_b	1200	6:43	09:06:40.2	26:16:51	300	90	3.0	Interactions	4	redo
0081.COMP	5	7:04	09:06:40.2	26:16:51	300	90	3.0	Interactions	4	
0082.090354+26280_b	1200	7:06	09:06:40.2	26:16:51	300	90	3.0	Interactions	4	ok; done this time
0083.COMP	5	7:26	09:06:40.2	26:16:51	300	90	3.0	Interactions	4	
0084.090354+26280_a	720	7:33	09:06:49.8	26:16:29	300	90	3.0	Interactions	4	stopped by clouds
0085.COMP	5	7:45	09:06:49.8	26:16:29	300	90	3.0	Interactions	4	
0086-0095.BIAS	0	10:15	09:06:49.8	26:16:29	300	90	3.0	Interactions	4	
0096-0105.FLAT	7	10:17	09:06:49.8	26:16:29	300	90	3.0	Interactions	4	
0106-0115.BIAS	0	10:20	09:06:49.8	26:16:29	300	90	3.0	Interactions	2	
0116-0125.FLAT	14	10:25	09:06:49.8	26:16:29	300	90	3.0	Interactions	2	
0126-0135.DARK	900	12:47	09:06:49.8	26:16:29	300	90	3.0	Interactions	4	

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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>
0001-0007.DARK	900	0:25	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0008.BIAS	0	0:51	22:34:46.9	+34:09:43	300	90	3.0	Interactions	4	quite a bit of cirrus starting to filter in
0009-0020.BIAS	0	0:53	22:34:46.9	+34:09:43	300	90	3.0	Interactions	4	
0021-0030.FLAT	8	0:56	22:34:46.9	+34:09:43	300	90	3.0	Interactions	4	
0031.BIAS	0	0:56	22:34:46.9	+34:09:43	300	90	3.0	Interactions	2	Hi Susan!
0032-0040.BIAS	0	0:58	22:34:46.9	+34:09:43	300	90	3.0	Interactions	2	
0041-0050.FLAT	16	1:03	22:34:46.9	+34:09:43	300	90	3.0	Interactions	2	
0051-0055.sky	3	1:08	01:57:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:09	01:57:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:33	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:34	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:34	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.158m213	150	1:36	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	1:39	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0062.HD12623	5	1:40	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0063.HD12623	5	1:40	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0064.HD12623	5	1:40	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0065.COMP	5	1:41	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0066.022018p565850	360	1:42	02:20:18.7	+56:58:50	300	90	3.0	#83 H+Chi Per	4	
0067.022018p571205	300	1:49	02:20:18.2	+57:12:5	300	90	3.0	#83 H+Chi Per	4	

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0068.COMP	5	1:54	02:20:18.2	+57:12:5	300	90	3.0	#83 H+Chi Per	4	
0069.022018p571232	420	1:55	02:20:18.3	+57:12:32	300	90	3.0	#83 H+Chi Per	4	
0070.022019p571519	360	2:02	02:20:19.7	+57:15:19	300	90	3.0	#83 H+Chi Per	4	
0071.COMP	5	2:08	02:20:19.7	+57:15:19	300	90	3.0	#83 H+Chi Per	4	
0072.022021p565856	360	2:09	02:20:21.5	+56:58:57	300	90	3.0	#83 H+Chi Per	4	
0073.022021p570234	420	2:16	02:20:21.2	+57:2:34	300	90	3.0	#83 H+Chi Per	4	
0074.COMP	5	2:23	02:20:21.2	+57:2:34	300	90	3.0	#83 H+Chi Per	4	
0075.022021p570721	480	2:23	02:20:21.5	+57:7:21	300	90	3.0	#83 H+Chi Per	4	
0076.022021p571126	360	2:32	02:20:21.2	+57:11:26	300	90	3.0	#83 H+Chi Per	4	
0077.COMP	5	2:38	02:20:21.2	+57:11:26	300	90	3.0	#83 H+Chi Per	4	
0078.BGGem	180	2:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0079.BGGem	900	2:43	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0080.COMP	10	2:59	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0081.022024p570905	300	3:02	02:20:24.7	+57:9:5	300	0	3.0	#83 H+Chi Per	4	PA=0 to avoid nearby stars
0082.022027p571459	360	3:07	02:20:27.5	+57:14:59	300	0	3.0	#83 H+Chi Per	4	
0083.COMP	5	3:14	02:20:27.5	+57:14:59	300	0	3.0	#83 H+Chi Per	4	
0084.022023p570904	120	3:14	02:20:23.7	+57:09:04	300	0	3.0	#83 h/chi Pers	4	
0085.022033p571848	90	3:17	02:20:33.1	+57:18:49	300	0	3.0	#83 h/chi Pers	4	
0086.COMP	5	3:19	02:20:33.1	+57:18:49	300	0	3.0	#83 h/chi Pers	4	
0087.022036p565842	120	3:19	02:20:36.6	+56:58:42	300	0	3.0	#83 h/chi Pers	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.022037p565841	90	3:21	02:20:37.8	+56:58:41	300	0	3.0	#83 h/chi Pers	4	
0089.COMP	5	3:23	02:20:37.8	+56:58:41	300	0	3.0	#83 h/chi Pers	4	
0090.022044p571842	90	3:24	02:20:44.8	+57:18:42	300	0	3.0	#83 h/chi Pers	4	clearing...
0091.022046p571836	100	3:26	02:20:46.1	+57:18:36	300	0	3.0	#83 h/chi Pers	4	
0092.COMP	5	3:28	02:20:46.1	+57:18:36	300	0	3.0	#83 h/chi Pers	4	
0093.022052p570122W	150	3:28	02:20:52.9	+57:01:22	300	0	3.0	#83 h/chi Pers	4	
0094.022052p570122E	210	3:31	02:20:52.9	+57:01:22	300	0	3.0	#83 h/chi Pers	4	
0095.COMP	5	3:35	02:20:52.9	+57:01:22	300	0	3.0	#83 h/chi Pers	4	
0096.022203p565802	180	3:36	02:22:03.5	+56:58:02	300	0	3.0	#83 h/chi Pers	4	PA still 0 to avoid stars, clearing up the lists
0097.022203p570909	60	3:39	02:22:03.7	+57:09:09	300	0	3.0	#83 h/chi Pers	4	
0098.COMP	5	3:41	02:22:03.7	+57:09:09	300	0	3.0	#83 h/chi Pers	4	
0099.022246p570239	540	3:42	02:22:46.3	+57:02:39	300	0	3.0	#83 h/chi Pers	4	
0100.022249p571454	300	3:51	02:22:50.0	+57:14:54	300	0	3.0	#83 h/chi Pers	4	
0101.COMP	5	3:57	02:22:50.0	+57:14:54	300	0	3.0	#83 h/chi Pers	4	
0102.021751p570527	420	3:58	02:17:51.7	+57:05:27	300	0	3.0	#83 h/chi Pers	4	
0103.021831p565908W	270	4:05	02:18:31.6	+56:59:08	300	0	3.0	#83 h/chi Pers	4	
0104.021831p565908E	270	4:10	02:18:31.6	+56:59:08	300	0	3.0	#83 h/chi Pers	4	
0105.COMP	5	4:15	02:18:31.6	+56:59:08	300	0	3.0	#83 h/chi Pers	4	
0106.021905p570728	480	4:16	02:19:05.5	+57:07:28	300	0	3.0	#83 h/chi Pers	4	v. crowded field; no clean sky on east side of target
0107.021948p571943	480	4:24	02:19:48.9	+57:19:43	300	0	3.0	#83 h/chi Pers	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	5	4:33	02:19:48.9	+57:19:43	300	0	3.0	#83 h/chi Pers	4	
0109.021916p571019	720	4:34	02:19:16.7	+57:10:19	300	0	3.0	#83 h/chi Pers	4	
0110.COMP	5	4:46	02:19:16.7	+57:10:19	300	0	3.0	#83 h/chi Pers	4	
0111.a496_426	720	4:53	04:22:27.5	-12:53:14	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	5:05	04:22:27.5	-12:53:14	300	90	3.0	#64 Cluster In	4	
0113.a496_422	600	5:06	04:29:04.8	-12:22:53	300	90	3.0	#64 Cluster In	4	
0114.COMP	5	5:16	04:29:04.8	-12:22:53	300	90	3.0	#64 Cluster In	4	
0115.a496_434	360	5:17	04:43:13.0	-15:09:33	300	90	3.0	#64 Cluster In	4	
0116.COMP	5	5:23	04:43:13.0	-15:09:33	300	90	3.0	#64 Cluster In	4	
0117.a496_436	360	5:24	04:24:14.5	-10:41:12	300	90	3.0	#64 Cluster In	4	
0118.COMP	5	5:30	04:24:14.5	-10:41:12	300	90	3.0	#64 Cluster In	4	
0119.a496_439	600	5:31	04:37:51.9	-14:20:58	300	90	3.0	#64 Cluster In	4	
0120.COMP	5	5:41	04:37:51.9	-14:20:58	300	90	3.0	#64 Cluster In	4	
0121.a496_442	900	5:42	04:25:49.4	-12:13:29	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	5:57	04:25:49.4	-12:13:29	300	90	3.0	#64 Cluster In	4	
0123.a496_446	360	5:58	04:34:53.8	-10:10:55	300	90	3.0	#64 Cluster In	4	a few clouds passing through
0124.COMP	5	6:05	04:34:53.8	-10:10:55	300	90	3.0	#64 Cluster In	4	
0125.a496_451	900	6:05	04:31:55.4	-10:00:30	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	6:21	04:31:55.4	-10:00:30	300	90	3.0	#64 Cluster In	4	
0127.Hiltner600	60	6:23	06:45:12.0	+02:06:00	300	12	3.0	#56 Photometri	2	

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0128.Hiltner600	60	6:24	06:45:12.0	+02:06:00	300	12	3.0	#56 Photometri	2	
0129.COMP	10	6:26	06:45:12.0	+02:06:00	300	12	3.0	#56 Photometri	2	
0130.vso65508	720	6:28	5:23:43.5	1:34:55	300	90	3.0	#112 Orion PMS	4	
0131.COMP	5	6:41	5:23:43.5	1:34:55	300	90	3.0	#112 Orion PMS	4	
0132.vso66116	600	6:41	5:24:05.1	1:36:52	300	90	3.0	#112 Orion PMS	4	
0133.COMP	5	6:51	5:24:05.1	1:36:52	300	90	3.0	#112 Orion PMS	4	
0134.BIAS	0	6:53	08:00:00	32:00:00	300	90	3.0	#56 Photometri	4	
0135.COMP	10	6:56	08:00:00	32:00:00	600	90	2.0	#56 Photometri	4	
0136.COMP	10	7:04	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star	4	600gpm grating; 2-sec slit; focus=950
0137.HD064488	10	7:06	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star	4	for Kenyon/Brown; tilt=420
0138.HD064488	10	7:07	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star	4	
0139.HD064488	10	7:08	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	7:08	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star	4	
0141.HD060778	10	7:10	7:36:11.8	-0:08:15	600	90	2.0	#122 Halo Star	4	
0142.HD060778	30	7:11	7:36:11.8	-0:08:15	600	90	2.0	#122 Halo Star	4	
0143.HD060778	30	7:11	7:36:11.8	-0:08:15	600	90	2.0	#122 Halo Star	4	
0144.COMP	10	7:12	7:36:11.8	-0:08:15	600	90	2.0	#122 Halo Star	4	
0145.HD074721	30	7:14	8:45:59.3	13:15:48	600	90	2.0	#122 Halo Star	4	
0146.HD074721	20	7:14	8:45:59.3	13:15:48	600	90	2.0	#122 Halo Star	4	
0147.HD074721	20	7:15	8:45:59.3	13:15:48	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.COMP	10	7:16	8:45:59.3	13:15:48	600	90	2.0	#122 Halo Star	4	
0149.RR7n15	600	7:18	8:26:30.4	38:10:14	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	7:28	8:26:30.4	38:10:14	600	90	2.0	#122 Halo Star	4	
0151.RR7n64	600	7:29	8:43:05.0	41:39:05	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	7:39	8:43:05.0	41:39:05	600	90	2.0	#122 Halo Star	4	
0153.HD086986	20	7:40	10:02:29.2	14:33:35	600	90	2.0	#122 Halo Star	4	
0154.HD086986	20	7:41	10:02:29.2	14:33:35	600	90	2.0	#122 Halo Star	4	
0155.HD086986	20	7:41	10:02:29.2	14:33:35	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	7:42	10:02:29.2	14:33:35	600	90	2.0	#122 Halo Star	4	
0157.hs1	600	7:43	10:30:13.3	29:20:25	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	7:54	10:30:13.3	29:20:25	600	90	2.0	#122 Halo Star	4	
0159.hs2	600	7:54	10:31:03.3	29:24:39	600	90	2.0	#122 Halo Star	4	
0160.COMP	10	8:05	10:31:03.3	29:24:39	600	90	2.0	#122 Halo Star	4	
0161.hs7	900	8:05	10:32:15.3	29:41:07	600	90	2.0	#122 Halo Star	4	
0162.COMP	10	8:21	10:32:15.3	29:41:07	600	90	2.0	#122 Halo Star	4	
0163.Feige34	120	8:22	10:39:36.7	+43:06:09	600	90	2.0	#122 Halo Star	4	
0164.Feige34	120	8:24	10:39:36.7	+43:06:09	600	90	2.0	#122 Halo Star	4	
0165.COMP	10	8:26	10:39:36.7	+43:06:09	600	90	2.0	#122 Halo Star	4	
0166.FLAT	45	8:28	9:30:00	32:00:00	600	90	2.0	#122 Halo Star	4	almost saturated @ red end
0167.FLAT	45	8:29	9:30:00	32:00:00	600	90	2.0	#122 Halo Star	4	v. weak in the blue

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0168.FLAT	45	8:30	9:30:00	32:00:00	600	90	2.0	#122 Halo Star	4	
0169.FLAT	45	8:31	9:30:00	32:00:00	600	90	2.0	#122 Halo Star	4	back to the normal 300-line 3-sec setup
0170-0175.FLAT	45	8:37	9:30:00	32:00:00	600	90	2.0	#122 Halo Star	4	
0176-0180.FLAT	30	8:40	9:30:00	32:00:00	600	90	2.0	#122 Halo Star	4	
0181.BIAS	0	8:41	9:30:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0182.COMP	5	8:43	9:30:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0183.BGGem	240	8:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0184.BGGem	1200	8:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0185.COMP	10	9:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0186.SN2001N	1200	9:12	10:39:58	24:05:26	300	-40	3.0	#2 SN Observat	2	ok
0187.COMP	10	9:32	10:39:58	24:05:26	300	-40	3.0	#2 SN Observat	2	
0188.SN2001M	1200	9:35	10:24:31.4	-21:47:40	300	5	3.0	#2 SN Observat	2	wk
0189.COMP	10	9:56	10:24:31.4	-21:47:40	300	5	3.0	#2 SN Observat	2	
0190.SN2001K	1200	9:59	11:13:56.0	+12:18:07	300	0	3.0	#2 SN Observat	2	more clouds
0191.COMP	10	10:20	11:13:56.0	+12:18:07	300	0	3.0	#2 SN Observat	2	
0192.Feige34	120	10:28	10:39:36.7	+43:06:09	300	-38	3.0	#56 Photometri	2	
0193.Feige34	120	10:30	10:39:36.7	+43:06:09	300	-38	3.0	#56 Photometri	2	
0194.COMP	10	10:33	10:39:36.7	+43:06:09	300	-38	3.0	#56 Photometri	2	
0195.MRK421	300	10:33	11:04:27.4	+38:12:32	300	-38	3.0	#6 AGN Monitor	4	
0196.COMP	5	10:39	11:04:27.4	+38:12:32	300	-38	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0197.nrgb184.216	1200	10:40	12:07:22.4	+24:50:20	300	90	3.0	#59 X-Ray Grou	4	
0198.COMP	5	11:00	12:07:22.4	+24:50:20	300	90	3.0	#59 X-Ray Grou	4	
0199.nrgb184.219	600	11:01	12:07:25.8	+25:13:22	300	90	3.0	#59 X-Ray Grou	4	oooh clouds clearing out!
0200.COMP	5	11:11	12:07:25.8	+25:13:22	300	90	3.0	#59 X-Ray Grou	4	
0201.SN2001E	1200	11:13	11:49:05.0	-09:44:10	300	10	3.0	#2 SN Observat	2	
0202.COMP	10	11:34	11:49:05.0	-09:44:10	300	10	3.0	#2 SN Observat	2	
0203.SN2001K	1200	11:36	11:13:56.0	+12:18:07	300	43	3.0	#2 SN Observat	2	much better
0204.COMP	10	11:57	11:13:56.0	+12:18:07	300	43	3.0	#2 SN Observat	2	
0205.nrgb184.220	300	11:58	12:07:28.3	+25:36:07	300	90	3.0	#59 X-Ray Grou	4	
0206.COMP	5	12:04	12:07:28.3	+25:36:07	300	90	3.0	#59 X-Ray Grou	4	
0207.nrgb184.221	210	12:04	12:07:28.3	+24:56:58	300	90	3.0	#59 X-Ray Grou	4	
0208.COMP	5	12:08	12:07:28.3	+24:56:58	300	90	3.0	#59 X-Ray Grou	4	
0209.nrgb184.222	330	12:09	12:07:33.7	+25:18:56	300	90	3.0	#59 X-Ray Grou	4	
0210.COMP	5	12:15	12:07:33.7	+25:18:56	300	90	3.0	#59 X-Ray Grou	4	
0211.nrgb184.223	330	12:15	12:07:34.9	+25:16:47	300	90	3.0	#59 X-Ray Grou	4	
0212.COMP	5	12:21	12:07:34.9	+25:16:47	300	90	3.0	#59 X-Ray Grou	4	
0213.nrgb184.224	600	12:22	12:07:35.8	+25:46:16	300	90	3.0	#59 X-Ray Grou	4	
0214.COMP	5	12:32	12:07:35.8	+25:46:16	300	90	3.0	#59 X-Ray Grou	4	
0215.nrgb184.225	900	12:33	12:07:41.9	+25:15:12	300	90	3.0	#59 X-Ray Grou	4	
0216.COMP	5	12:48	12:07:41.9	+25:15:12	300	90	3.0	#59 X-Ray Grou	4	

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0217.nrgb184.226	720	12:49	12:07:46.4	+25:31:09	300	90	3.0	#59 X-Ray Grou	4	
0218.COMP	5	13:01	12:07:46.4	+25:31:09	300	90	3.0	#59 X-Ray Grou	4	
0219.HZ44	120	13:03	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0220.HZ44	120	13:05	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0221.COMP	10	13:07	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	2	
0222.N5548	90	13:08	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0223.N5548	90	13:10	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0224.COMP	10	13:12	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0225.N4051	120	13:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0226.N4051	120	13:15	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0227.COMP	5	13:18	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0228.N4151	30	13:18	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0229.N4151	30	13:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0230.N4151	30	13:20	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0231.COMP	5	13:20	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0232.BIAS	0	13:22	12:10:32.6	+39:24:21	300	90	3.0	#59 X-Ray Grou	4	a few clouds @ dawn
0233-0241.BIAS	0	13:23	12:10:32.6	+39:24:21	300	90	3.0	#59 X-Ray Grou	4	
0242-0251.FLAT	8	13:27	12:10:32.6	+39:24:21	300	90	3.0	#59 X-Ray Grou	4	
0252-0261.BIAS	0	13:30	12:10:32.6	+39:24:21	300	90	3.0	#59 X-Ray Grou	2	
0262-0271.FLAT	16	13:35	12:10:32.6	+39:24:21	300	90	3.0	#59 X-Ray Grou	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	22:38	23:46:30.0	31:30:07	300	90	3.0	#59 X-Ray Grou	4	
0003-0006.DARK	900	23:38	00:47:10.0	31:30:06	300	90	3.0	#59 X-Ray Grou	4	
0007-0009.DARK	900	0:24	01:32:43.0	31:30:07	300	90	3.0	#59 X-Ray Grou	4	
0010.BIAS	0	0:43	01:37:08.0	31:30:07	300	90	3.0	#59 X-Ray Grou	4	crystal clear skies
0011-0020.BIAS	0	0:45	01:38:35.0	31:30:07	300	90	3.0	#59 X-Ray Grou	4	
0021-0030.FLAT	8	0:48	01:41:41.0	31:30:07	300	90	3.0	#59 X-Ray Grou	4	
0031-0040.BIAS	0	0:50	01:44:04.0	31:30:08	300	90	3.0	#59 X-Ray Grou	2	
0041-0050.FLAT	16	0:55	01:49:13.0	31:30:08	300	90	3.0	#59 X-Ray Grou	2	
0051-0055.sky	2	1:05	01:53:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:06	01:53:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:38	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:39	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:40	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.225m280	180	1:41	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	1:45	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0062.a119c_402	360	1:46	00:57:25.7	01:41:44	300	90	3.0	#64 Cluster In	4	scruffy
0063.COMP	5	1:53	00:57:25.7	01:41:44	300	90	3.0	#64 Cluster In	4	
0064.a119c_409	360	1:54	00:42:26.4	-2:57:25	300	90	3.0	#64 Cluster In	4	
0065.COMP	5	2:00	00:42:26.4	-2:57:25	300	90	3.0	#64 Cluster In	4	
0066.a119c_418	300	2:01	00:51:46.9	01:47:59	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	5	2:06	00:51:46.9	01:47:59	300	90	3.0	#64 Cluster In	4	
0068.SN1997dg.host	1320	2:08	23:40:14.2	+26:12:12	300	90	3.0	#2 SN Observat	2	ok; good em
0069.COMP	10	2:30	23:40:14.2	+26:12:12	300	90	3.0	#2 SN Observat	2	
0070.SN2000eo	1200	2:35	03:09:08.2	-10:17:54	300	9	3.0	#2 SN Observat	2	
0071.COMP	5	2:56	03:09:08.2	-10:17:54	300	9	3.0	#2 SN Observat	2	
0072.a496_277	1200	3:00	04:25:30.6	-10:02:19	300	9	3.0	#64 Cluster In	4	
0073.COMP	5	3:20	04:25:30.6	-10:02:19	300	9	3.0	#64 Cluster In	4	
0074.a496_281	1200	3:22	04:27:37.5	-08:31:21	300	9	3.0	#64 Cluster In	4	
0075.COMP	5	3:42	04:27:37.5	-08:31:21	300	9	3.0	#64 Cluster In	4	
0076.BGGem	180	3:44	6:03:31	27:41:50	300	9	3.0	#100 BGGem	2	
0077.BGGem	900	3:47	6:03:31	27:41:50	300	9	3.0	#100 BGGem	2	
0078.COMP	10	4:02	6:03:31	27:41:50	300	9	3.0	#100 BGGem	2	
0079.a496_291	1200	4:05	04:47:20.6	-15:15:17	300	9	3.0	#64 Cluster In	4	ok; em
0080.COMP	5	4:25	04:47:20.6	-15:15:17	300	9	3.0	#64 Cluster In	4	
0081.a496_445	720	4:26	04:43:11.0	-13:32:14	300	9	3.0	#64 Cluster In	4	
0082.COMP	5	4:39	04:43:11.0	-13:32:14	300	9	3.0	#64 Cluster In	4	
0083.a496_453	480	4:39	04:44:54.2	-14:37:28	300	9	3.0	#64 Cluster In	4	
0084.COMP	5	4:48	04:44:54.2	-14:37:28	300	9	3.0	#64 Cluster In	4	
0085.a496_455	480	4:49	04:35:07.6	-10:01:55	300	9	3.0	#64 Cluster In	4	
0086.COMP	5	4:57	04:35:07.6	-10:01:55	300	9	3.0	#64 Cluster In	4	

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0087.a496_458	480	4:58	04:27:13.7	-11:47:15	300	9	3.0	#64 Cluster In	4	
0088.COMP	5	5:07	04:27:13.7	-11:47:15	300	9	3.0	#64 Cluster In	4	
0089.a496_464	480	5:07	04:26:36.4	-14:48:03	300	9	3.0	#64 Cluster In	4	
0090.COMP	5	5:16	04:26:36.4	-14:48:03	300	9	3.0	#64 Cluster In	4	
0091.a496_461	720	5:16	04:29:12.0	-12:00:00	300	9	3.0	#64 Cluster In	4	
0092.COMP	5	5:29	04:29:12.0	-12:00:00	300	9	3.0	#64 Cluster In	4	
0093.a496_465	600	5:31	04:43:35.1	-15:19:23	300	9	3.0	#64 Cluster In	4	
0094.COMP	5	5:41	04:43:35.1	-15:19:23	300	9	3.0	#64 Cluster In	4	
0095.a496_468	300	5:42	04:20:29.1	-14:21:45	300	9	3.0	#64 Cluster In	4	
0096.COMP	5	5:47	04:20:29.1	-14:21:45	300	9	3.0	#64 Cluster In	4	
0097.Hiltner600	60	5:51	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0098.Hiltner600	60	5:52	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0099.COMP	10	5:53	06:45:12.0	+02:06:00	300	0	3.0	#56 Photometri	2	
0100.vso66960	720	5:56	5:24:32.2	1:34:49	300	90	3.0	#112 Orion PMS	4	
0101.COMP	5	6:08	5:24:32.2	1:34:49	300	90	3.0	#112 Orion PMS	4	
0102.vso67261	900	6:09	5:24:41.2	1:54:38	300	90	3.0	#112 Orion PMS	4	finally a PMS*!
0103.COMP	5	6:24	5:24:41.2	1:54:38	300	90	3.0	#112 Orion PMS	4	
0104.vso67381	900	6:25	5:24:43.9	1:57:01	300	90	3.0	#112 Orion PMS	4	
0105.COMP	5	6:41	5:24:43.9	1:57:01	300	90	3.0	#112 Orion PMS	4	
0106.vso67900	720	6:49	5:24:59.5	1:42:31	300	90	3.0	#112 Orion PMS	4	

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0107.COMP	5	7:02	5:24:59.5	1:42:31	300	90	3.0	#112 Orion PMS	4	
0108.vso72363	600	7:03	5:27:30.9	1:35:56	300	90	3.0	#112 Orion PMS	4	
0109.COMP	5	7:13	5:27:30.9	1:35:56	300	90	3.0	#112 Orion PMS	4	
0110.vso72742N	540	7:14	5:27:42.3	1:50:12	300	90	3.0	#112 Orion PMS	4	
0111.vso72742S	540	7:23	5:27:42.3	1:50:12	300	90	3.0	#112 Orion PMS	4	
0112.COMP	5	7:32	5:27:42.3	1:50:12	300	90	3.0	#112 Orion PMS	4	
0113.vso114098	720	7:33	5:49:57.9	1:33:55	300	90	3.0	#112 Orion PMS	4	
0114.COMP	5	7:46	5:49:57.9	1:33:55	300	90	3.0	#112 Orion PMS	4	
0115.SN1999gm.host	240	7:47	08:35:10.9	-08:23:14	300	90	3.0	#2 SN Observat	2	
0116.COMP	10	7:51	08:35:10.9	-08:23:14	300	90	3.0	#2 SN Observat	2	
0117.sn2001G	1200	7:56	09:09:33.1	+50:16:51	300	4	3.0	#2 SN Observat	2	nice!
0118.COMP	10	8:16	09:09:33.1	+50:16:51	300	4	3.0	#2 SN Observat	2	
0119.082548+22140_b	600	8:20	08:28:44.7	22:03:51	300	90	3.0	#113 Galaxy In	2	
0120.COMP	10	8:31	08:28:44.7	22:03:51	300	90	3.0	#113 Galaxy In	2	
0121.082548+22140_a	480	8:31	08:28:46.1	22:03:12	300	90	3.0	#113 Galaxy In	2	
0122.COMP	10	8:40	08:28:46.1	22:03:12	300	90	3.0	#113 Galaxy In	2	
0123.090354+26280_a	720	8:41	09:06:49.8	26:16:29	300	90	3.0	#113 Galaxy In	2	
0124.COMP	10	8:53	09:06:49.8	26:16:29	300	90	3.0	#113 Galaxy In	2	
0125.BGGem	180	8:55	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0126.BGGem	900	8:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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0127.COMP	10	9:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0128.SN2001M	1200	9:17	10:24:31.4	-21:47:40	300	0	3.0	#2 SN Observat	2	
0129.COMP	10	9:38	10:24:31.4	-21:47:40	300	0	3.0	#2 SN Observat	2	
0130.Feige34	90	9:41	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0131.Feige34	90	9:43	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0132.COMP	10	9:45	10:39:36.7	+43:06:09	300	0	3.0	#56 Photometri	2	
0133.MRK110	360	9:47	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	4	
0134.COMP	5	9:53	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	4	
0135.N3227	90	9:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	clouds!
0136.N3227	90	9:56	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0137.N3227	90	9:58	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0138.COMP	5	9:59	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0139.MRK421	300	10:00	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0140.COMP	5	10:06	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0141.nrgb184.231	180	10:07	12:07:58.5	+25:19:14	300	90	3.0	#59 X-Ray Grou	4	
0142.COMP	5	10:10	12:07:56.1	+25:29:32	300	90	3.0	#59 X-Ray Grou	4	
0143.nrgb184.229	480	10:10	12:07:56.1	+25:29:32	300	90	3.0	#59 X-Ray Grou	4	
0144.COMP	5	10:19	12:07:56.1	+25:29:32	300	90	3.0	#59 X-Ray Grou	4	
0145.nrgb184.230	600	10:19	12:07:58.0	+24:45:41	300	90	3.0	#59 X-Ray Grou	4	lots of clouds
0146.COMP	5	10:30	12:07:58.0	+24:45:41	300	90	3.0	#59 X-Ray Grou	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0147.nrgb184.232	150	10:30	12:07:59.7	+25:33:01	300	90	3.0	#59 X-Ray Grou	4	
0148.COMP	5	10:33	12:07:59.7	+25:33:01	300	90	3.0	#59 X-Ray Grou	4	
0149.nrgb184.227	480	10:34	12:07:47.0	+25:13:38	300	90	3.0	#59 X-Ray Grou	4	
0150.COMP	5	10:42	12:07:47.0	+25:13:38	300	90	3.0	#59 X-Ray Grou	4	
0151.nrgb184.228	480	10:43	12:07:48.7	+25:31:28	300	90	3.0	#59 X-Ray Grou	4	
0152.COMP	5	10:52	12:07:48.7	+25:31:28	300	90	3.0	#59 X-Ray Grou	4	
0153.nrgb184.233	480	10:52	12:08:03.6	+24:31:13	300	90	3.0	#59 X-Ray Grou	4	
0154.COMP	5	11:01	12:08:03.6	+24:31:13	300	90	3.0	#59 X-Ray Grou	4	
0155.nrgb184.234	120	11:01	12:08:05.3	+25:35:21	300	90	3.0	#59 X-Ray Grou	4	less clouds; seeing worse
0156.COMP	5	11:04	12:08:05.3	+25:35:21	300	90	3.0	#59 X-Ray Grou	4	
0157.nrgb184.235	90	11:04	12:08:05.7	+25:14:13	300	90	3.0	#59 X-Ray Grou	4	
0158.COMP	5	11:06	12:08:05.7	+25:14:13	300	90	3.0	#59 X-Ray Grou	4	
0159.nrgb184.236	600	11:07	12:08:06.2	+24:09:27	300	90	3.0	#59 X-Ray Grou	4	
0160.COMP	5	11:17	12:08:06.2	+24:09:27	300	90	3.0	#59 X-Ray Grou	4	
0161.nrgb184.237	480	11:18	12:08:06.8	+25:30:30	300	90	3.0	#59 X-Ray Grou	4	
0162.COMP	5	11:27	12:08:06.8	+25:30:30	300	90	3.0	#59 X-Ray Grou	4	
0163.nrgb184.238	600	11:27	12:08:07.4	+24:47:22	300	90	3.0	#59 X-Ray Grou	4	
0164.COMP	5	11:38	12:08:07.4	+24:47:22	300	90	3.0	#59 X-Ray Grou	4	
0165.nrgb184.239	600	11:38	12:08:07.9	+25:22:21	300	90	3.0	#59 X-Ray Grou	4	
0166.COMP	5	11:49	12:08:07.9	+25:22:21	300	90	3.0	#59 X-Ray Grou	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0167.nrgb184.240	360	11:49	12:08:08.5	+25:01:54	300	90	3.0	#59 X-Ray Grou	4	
0168.COMP	5	11:55	12:08:08.5	+25:01:54	300	90	3.0	#59 X-Ray Grou	4	
0169.nrgb184.218	1200	11:56	12:07:24.5	+24:11:40	300	90	3.0	#59 X-Ray Grou	4	nice little H-alpha emission @ pixel 2238
0170.COMP	5	12:17	12:07:24.5	+24:11:40	300	90	3.0	#59 X-Ray Grou	4	
0171.nrgb184.243	600	12:19	12:08:09.9	+24:40:34	300	90	3.0	#59 X-Ray Grou	4	
0172.COMP	5	12:29	12:08:09.9	+24:40:34	300	90	3.0	#59 X-Ray Grou	4	
0173.nrgb184.244	900	12:30	12:08:10.1	+25:36:44	300	90	3.0	#59 X-Ray Grou	4	
0174.COMP	5	12:45	12:08:10.1	+25:36:44	300	90	3.0	#59 X-Ray Grou	4	
0175.nrgb184.245	240	12:46	12:08:12.1	+25:45:21	300	90	3.0	#59 X-Ray Grou	4	
0176.COMP	5	12:50	12:08:12.1	+25:45:21	300	90	3.0	#59 X-Ray Grou	4	
0177.nrgb184.246	150	12:51	12:08:13.4	+24:56:31	300	90	3.0	#59 X-Ray Grou	4	
0178.COMP	5	12:54	12:08:13.4	+24:56:31	300	90	3.0	#59 X-Ray Grou	4	
0179.nrgb184.247	150	12:54	12:08:15.5	+25:48:38	300	90	3.0	#59 X-Ray Grou	4	
0180.COMP	5	12:57	12:08:15.5	+25:48:38	300	90	3.0	#59 X-Ray Grou	4	
0181.HZ44	120	12:58	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0182.HZ44	120	13:00	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0183.COMP	5	13:02	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0184.N5548	120	13:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0185.N5548	120	13:05	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0186.COMP	5	13:08	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	

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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>
0187.N4051	120	13:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0188.N4051	120	13:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0189.COMP	5	13:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0190.N4151	30	13:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0191.N4151	30	13:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0192.N4151	30	13:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0193.COMP	5	13:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0194.Com.McNaught.Hart	30	13:17	16:04:53	08:07:36	300	90	3.0	#57 Velocity S	4	
0195.Com.McNaught.Hart	150	13:18	16:04:53	08:07:36	300	90	3.0	#57 Velocity S	4	
0196.Com.McNaught.Hart	60	13:21	16:04:53	08:07:36	300	90	3.0	#57 Velocity S	4	
0197.Com.McNaught.Hart	30	13:22	16:04:53	08:07:36	300	90	3.0	#57 Velocity S	4	
0198.COMP	5	13:23	16:04:53	08:07:36	300	90	3.0	#57 Velocity S	4	
0199.BIAS	0	13:24	16:04:53	08:07:36	300	90	3.0	#6 AGN Monitor	4	clear, windy, and cold @ dawn
0200-0208.BIAS	0	13:26	16:04:53	08:07:36	300	90	3.0	#6 AGN Monitor	4	
0209-0218.FLAT	8	13:29	16:04:53	08:07:36	300	90	3.0	#6 AGN Monitor	4	
0219-0228.BIAS	0	13:31	16:04:53	08:07:36	300	90	3.0	#6 AGN Monitor	2	
0229-0238.FLAT	16	13:36	16:04:53	08:07:36	300	90	3.0	#6 AGN Monitor	2	
0239-0248.DARK	1200	16:56	16:04:53	08:07:36	300	90	3.0	#6 AGN Monitor	2	

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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>
0001.BIAS	0	22:05	23:02:01.0	31:30:08	600	90	2.0	#6 AGN Monitor	2	
0002-0004.DARK	1200	22:45	00:02:59.0	31:30:07	600	90	2.0	#6 AGN Monitor	2	
0005-0006.DARK	1200	23:26	00:43:34.0	31:30:06	600	90	2.0	88	2	
0016-0025.BIAS	0	0:08	01:05:59.0	31:30:07	600	90	2.0	88	2	
0026.FLAT	10	0:10	01:07:53.0	31:30:07	600	90	2.0	88	2	
0027-0036.FLAT	25	0:18	01:15:59.0	31:30:07	600	90	2.0	88	2	
0037.DARK	1200	0:20	01:38:24.0	31:30:07	600	90	2.0	88	2	
0038.DARK	1200	0:41	01:58:39.0	31:30:08	600	90	2.0	88	2	
0039.DARK	1200	1:01	02:18:54.0	31:30:09	600	90	2.0	88	2	
0040.DARK	1200	1:21	02:39:13.0	31:30:10	600	90	2.0	88	2	
0041.COMP	5	1:53	02:51:04.0	31:30:11	600	90	2.0	0	2	
0042.PG0216p032	300	3:31	02:19:19.0	+03:26:54	600	90	2.0	#56 Photometri	2	
0043.Feige24	120	3:38	02:35:07.6	+03:43:56	600	90	2.0	#56 Photometri	2	
0044.COMP	5	3:41	02:35:07.6	+03:43:56	600	90	2.0	#56 Photometri	2	
0045.COMP	5	3:45	02:19:19.0	+03:26:54	600	90	2.0	#56 Photometri	2	
0046.G191B2B	90	3:48	05:05:30.6	+52:49:51	600	90	2.0	#56 Photometri	2	
0047.COMP	5	3:50	05:05:30.6	+52:49:51	600	90	2.0	#56 Photometri	2	
0048.HD25604	1000	4:01	04:04:41.7	22:04:54	600	90	2.0	#56 Photometri	2	
0049.COMP	5	4:03	04:04:41.7	22:04:54	600	90	2.0	#56 Photometri	2	
0050.HD27348	500	4:07	04:20:24.6	34:34:00	600	90	2.0	#56 Photometri	2	

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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>
0051.COMP	30	4:12	04:20:24.6	34:34:00	600	90	2.0	#56 Photometri	2	
0052.HD28305	500	4:15	04:28:37.0	19:10:49	600	90	2.0	#56 Photometri	2	
0053.COMP	30	4:18	04:28:37.0	19:10:49	600	90	2.0	#56 Photometri	2	
0054.HD27697	500	4:20	04:22:56.1	17:32:33	600	90	2.0	#56 Photometri	2	
0055.COMP	30	4:23	04:22:56.1	17:32:33	600	90	2.0	#56 Photometri	2	
0056.NGC1023	180	4:26	02:37:15.8	38:50:55	600	90	2.0	#56 Photometri	2	
0057.COMP	20	4:30	02:37:15.8	38:50:55	600	90	2.0	#56 Photometri	2	
0058.NGC1023	180	4:31	02:37:15.8	38:50:55	600	90	2.0	#56 Photometri	2	
0059.COMP	20	4:35	02:37:15.8	38:50:55	600	90	2.0	#56 Photometri	2	
0060.NGC0821	180	4:37	02:05:40.5	10:45:32	600	90	2.0	#56 Photometri	2	
0061.COMP	20	4:40	02:05:40.5	10:45:32	600	90	2.0	#56 Photometri	2	
0062.NGC0821	180	4:41	02:05:40.5	10:45:32	600	90	2.0	#56 Photometri	2	
0063.COMP	20	4:45	02:05:40.5	10:45:32	600	90	2.0	#56 Photometri	2	
0064.NGC1700	180	4:47	04:54:28.1	-04:56:30	600	90	2.0	#56 Photometri	2	
0065.COMP	20	4:50	04:54:28.1	-04:56:30	600	90	2.0	#56 Photometri	2	
0066.NGC1700	180	4:52	04:54:28.1	-04:56:30	600	90	2.0	#56 Photometri	2	
0067.COMP	20	4:55	04:54:28.1	-04:56:30	600	90	2.0	#56 Photometri	2	
0068.COMP	20	5:05	08:53:18.8	+68:28:18	600	90	2.0	#56 Photometri	2	
0069.MF7092	600	5:07	08:53:18.8	+68:28:18	600	90	2.0	#56 Photometri	2	
0070.MF7092	600	5:18	08:53:18.8	+68:28:18	600	90	2.0	#56 Photometri	2	

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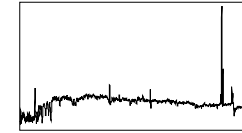
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0071.MF7092	600	5:28	08:53:18.8	+68:28:18	600	90	2.0	#56 Photometri	2	
0072.COMP	20	5:40	08:53:18.8	+68:28:18	600	90	2.0	#56 Photometri	2	
0073.COMP	20	5:53	09:18:40.6	+13:49:45	600	90	2.0	#56 Photometri	2	
0074.MF7117	600	5:55	09:18:40.6	+13:49:45	600	90	2.0	#56 Photometri	2	
0075.MF7117	600	6:05	09:18:40.6	+13:49:45	600	90	2.0	#56 Photometri	2	
0076.MF7117	600	6:16	09:18:40.6	+13:49:45	600	90	2.0	#56 Photometri	2	
0077.COMP	20	6:26	09:18:40.6	+13:49:45	600	90	2.0	#56 Photometri	2	
0078.COMP	20	6:33	11:25:30.8	+35:30:16	600	90	2.0	#56 Photometri	2	
0079.MF0011	600	6:35	11:25:30.8	+35:30:16	600	90	2.0	#56 Photometri	2	
0080.MF0011	600	6:45	11:25:30.8	+35:30:16	600	90	2.0	#56 Photometri	2	
0081.MF0011	600	6:55	11:25:30.8	+35:30:16	600	90	2.0	#56 Photometri	2	
0082.COMP	20	7:06	11:25:30.8	+35:30:16	600	90	2.0	#56 Photometri	2	
0083.COMP	20	7:15	08:58:36.5	+54:19:2	600	90	2.0	#56 Photometri	2	
0084.MF7070	600	7:16	08:58:36.5	+54:19:2	600	90	2.0	#56 Photometri	2	
0085.MF7070	600	7:27	08:58:36.5	+54:19:2	600	90	2.0	#56 Photometri	2	
0086.MF7070	600	7:39	08:58:36.5	+54:19:2	600	90	2.0	#56 Photometri	2	
0087.COMP	20	7:50	08:58:36.5	+54:19:2	600	90	2.0	#56 Photometri	2	
0088.COMP	20	7:56	10:14:29.7	+39:30:6	600	90	2.0	#56 Photometri	2	
0089.MF4030	900	7:58	10:14:29.7	+39:30:6	600	90	2.0	#56 Photometri	2	
0090.MF4030	900	8:14	10:14:29.7	+39:30:6	600	90	2.0	#56 Photometri	2	

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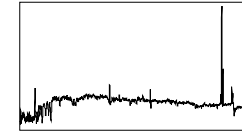
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.MF4030	900	8:30	10:14:29.7	+39:30:6	600	90	2.0	#56 Photometri	2	
0092.COMP	20	8:46	10:14:29.7	+39:30:6	600	90	2.0	#56 Photometri	2	
0093.COMP	20	8:58	13:10:42.3	+44:01:27	600	90	2.0	#88 MF	2	
0094.MF4066	900	9:00	13:10:42.3	+44:01:27	600	90	2.0	#88 MF	2	
0095.MF4066	900	9:16	13:10:42.3	+44:01:27	600	90	2.0	#88 MF	2	
0096.MF4066	900	9:32	13:10:42.3	+44:01:27	600	90	2.0	#88 MF	2	
0097.COMP	20	9:48	13:10:42.3	+44:01:27	600	90	2.0	#88 MF	2	
0098.COMP	20	10:03	12:00:08.5	+08:54:50	600	90	2.0	#88 MF	2	
0099.MF7090	600	10:05	12:00:08.5	+08:54:50	600	90	2.0	#88 MF	2	
0100.MF7090	600	10:16	12:00:08.5	+08:54:50	600	90	2.0	#88 MF	2	
0101.MF7090	900	10:29	12:00:08.5	+08:54:50	600	90	2.0	#88 MF	2	
0102.MF7090	900	10:46	12:00:08.5	+08:54:50	600	90	2.0	#88 MF	2	
0103.COMP	20	11:02	12:00:08.5	+08:54:50	600	90	2.0	#88 MF	2	
0104.COMP	20	11:21	13:50:30.0	+19:17:52	600	90	2.0	#88 MF	2	
0105.MF4073	600	11:23	13:50:30.0	+19:17:52	600	90	2.0	#88 MF	2	
0106.MF4073	600	11:35	13:50:30.0	+19:17:52	600	90	2.0	#88 MF	2	
0107.MF4073	600	11:46	13:50:30.0	+19:17:52	600	90	2.0	#88 MF	2	
0108.COMP	20	11:57	13:50:30.0	+19:17:52	600	90	2.0	#88 MF	2	
0109.COMP	20	12:01	14:11:17.8	+17:30:23	600	90	2.0	#88 MF	2	
0110.MF0050	600	12:03	14:11:17.8	+17:30:23	600	90	2.0	#88 MF	2	

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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>
0111.MF0050	600	12:14	14:11:17.8	+17:30:23	600	90	2.0	#88 MF	2	
0112.MF0050	600	12:25	14:11:17.8	+17:30:23	600	90	2.0	#88 MF	2	
0113.COMP	20	12:36	14:11:17.8	+17:30:23	600	90	2.0	#88 MF	2	
0114.COMP	20	12:40	13:23:48.4	+43:18:4	600	90	2.0	#88 MF	2	
0115.MF4070	900	12:41	13:23:48.4	+43:18:4	600	90	2.0	#88 MF	2	
0116.MF4070	900	12:57	13:23:48.4	+43:18:4	600	90	2.0	#88 MF	2	
0117.MF4070	900	13:13	13:23:48.4	+43:18:4	600	90	2.0	#88 MF	2	
0118.COMP	20	13:29	13:23:48.4	+43:18:4	600	90	2.0	#88 MF	2	
0119.sky	240	13:44	14:30:0	32:0:0	600	90	2.0	#0	2	
0120.sky	200	13:48	14:30:0	32:0:0	600	90	2.0	#0	2	
0121.sky	120	13:53	14:30:0	32:0:0	600	90	2.0	#0	2	
0122.sky	90	13:56	14:30:0	32:0:0	600	90	2.0	#0	2	
0123.sky	45	13:58	14:30:0	32:0:0	600	90	2.0	#0	2	
0124.sky	15	13:59	14:30:0	32:0:0	600	90	2.0	#0	2	

UT Date 2001-01-27 Observers E FalcoColl. Focus 975 Grating/Grism 600

<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>
0002.COMP	20	22:37	14:30:00.0	+32:00:00	600	90	2.0	#0 Calibration	2	
0013-0021.BIAS	0	22:49	14:30:00.0	+32:00:00	600	90	2.0	#88 LMF of Gal	2	
0022-0031.FLAT	25	22:52	14:30:00.0	+32:00:00	600	90	2.0	#88 LMF of Gal	2	
0032-0033.DARK	1200	23:02	14:30:00.0	+32:00:00	600	90	2.0	#88 LMF of Gal	2	
0034.DARK	1200	23:02	14:30:00.0	+32:00:00	600	90	2.0	#88 LMF of Gal	2	logs failed earlier, quotes end up on wrong lines

UT Date 2001-01-28 Observers M CalkinsColl. Focus 1 Grating/Grism 600

<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>
0001-0010.DARK	900	3:45	14:30:00.0	+32:00:00	600	90	2.0	#0 Calibration	2	
0011.BIAS	0	5:46	14:30:00.0	+32:00:00	600	90	2.0	#0 Calibration	2	
0012-0015.BIAS	0	5:47	14:30:00.0	+32:00:00	600	90	2.0	#0 Calibration	2	
0016-0020.BIAS	0	5:48	14:30:00.0	+32:00:00	600	90	2.0	#0 Calibration	2	
0021-0024.FLAT	35	5:49	14:30:00.0	+32:00:00	600	90	2.0	#0 Calibration	2	

UT Date 2001-01-30 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	21:45	22:58:08.0	31:30:09	300	90	2.0	none	2	
0010-0018.FLAT	35	21:52	23:06:10.0	31:30:09	300	90	2.0	none	2	
0019.DARK	900	21:57	23:24:55.0	31:30:08	300	90	2.0	none	2	probs w/dome ruined skys
0020.HZ14	600	2:20	04:38:15.6	+10:53:57	300	90	2.0	NGC 2232	2	wrong star
0021.COMP	15	2:32	04:38:15.6	+10:53:57	300	90	2.0	NGC 2232	2	
0022.HZ14	1200	2:35	04:38:15.6	+10:53:57	300	90	2.0	NGC 2232	2	wrong star
0023.COMP	15	2:55	04:38:15.6	+10:53:57	300	90	2.0	NGC 2232	2	
0024.7702A	300	3:29	06:27:31.0	-4:39:30	300	90	2.0	NGC 2232	2	high humidity
0025.COMP	15	3:35	06:27:31.0	-4:39:30	300	90	2.0	NGC 2232	2	seeing terrible
0026.7732	300	3:40	06:28:45.3	-4:42:49	300	90	2.0	NGC 2232	2	
0027.7732	600	3:47	06:28:45.3	-4:42:49	300	90	2.0	NGC 2232	2	
0028.COMP	15	3:58	06:28:45.3	-4:42:49	300	90	2.0	NGC 2232	2	
0029.7703	1800	4:01	06:27:40.3	-4:42:44	300	90	2.0	NGC 2232	2	prob not photo
0030.COMP	15	4:32	06:27:40.3	-4:42:44	300	90	2.0	NGC 2232	2	
0031.7704A	1800	4:36	06:27:44.9	-4:44:02	300	90	2.0	NGC 2232	2	
0032.COMP	15	5:07	06:27:44.9	-4:44:02	300	90	2.0	NGC 2232	2	
0033.Hiltner600	30	5:09	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0034.Hiltner600	60	5:11	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0035.COMP	15	5:13	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0036.7715	1800	5:15	6:28:06.2	-4:36:16	300	90	2.0	NGC 2232	2	

UT Date 2001-01-30 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

<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>
0037.COMP	15	5:46	6:28:06.2	-4:36:16	300	90	2.0	NGC 2232	2	
0038.7716	1800	5:49	06:28:08.7	-4:44:23	300	90	2.0	NGC 2232	2	
0039.COMP	15	6:20	06:28:08.7	-4:44:23	300	90	2.0	NGC 2232	2	
0040.7717	1800	6:23	06:28:09.6	-4:47:54	300	90	2.0	NGC 2232	2	
0041.COMP	15	6:54	06:28:09.6	-4:47:54	300	90	2.0	NGC 2232	2	
0042.Hiltner600	60	6:57	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0043.COMP	15	6:58	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0044.7730A	600	7:01	06:28:14.2	-4:33:42	300	90	2.0	NGC 2232	2	
0045.7730B	600	7:12	06:28:14.2	-4:33:42	300	90	2.0	NGC 2232	2	
0046.COMP	15	7:23	06:28:14.2	-4:33:42	300	90	2.0	NGC 2232	2	
0047.7735A	300	7:25	6:27:22.6	-4:34:08	300	90	2.0	NGC 2232	2	
0048.7735B	1800	7:33	6:27:22.6	-4:34:08	300	90	2.0	NGC 2232	2	
0049.COMP	15	8:04	6:27:22.6	-4:34:08	300	90	2.0	NGC 2232	2	
0050.7802AB	1800	8:07	06:26:17.9	-4:35:57	300	90	2.0	NGC 2232	2	both stars on slit
0051.COMP	15	8:38	06:26:17.9	-4:35:57	300	90	2.0	NGC 2232	2	clouds to S
0052.Hiltner600	60	8:40	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0053.COMP	15	8:41	06:42:37.2	02:11:25	300	90	2.0	NGC 2232	2	
0054.G1285	30	8:54	07:44:40.1	3:33:08	300	90	2.0	NGC 2232	2	
0055.G1285	60	8:56	07:44:40.1	3:33:08	300	90	2.0	NGC 2232	2	
0056.COMP	15	9:02	07:44:40.1	3:33:08	300	90	2.0	NGC 2232	2	

UT Date 2001-01-30 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

<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>
0057.dxleo	10	9:26	09:32:43.7	26:59:18	300	90	2.0	NGC 2232	2	
0058.COMP	15	9:27	09:32:43.7	26:59:18	300	90	2.0	NGC 2232	2	
0059.cnleo	60	9:45	10:56:29	07:00:42	300	90	2.0	NGC 2232	2	
0060.cnleo	120	9:47	10:56:29	07:00:42	300	90	2.0	NGC 2232	2	
0061.COMP	15	9:50	10:56:29	07:00:42	300	90	2.0	NGC 2232	2	
0062.DARK	900	10:04	10:56:29	07:00:42	300	90	2.0	NGC 2232	2	
0063.GD140	60	10:23	11:34:27.5	30:04:27	300	90	2.0	none	2	
0064.GD140	240	10:25	11:34:27.5	30:04:27	300	90	2.0	none	2	
0065.COMP	15	10:30	11:34:27.5	30:04:27	300	90	2.0	none	2	
0066.EG81	300	10:33	11:34:51.3	14:26:58	300	90	2.0	none	2	
0067.COMP	15	10:39	11:34:51.3	14:26:58	300	90	2.0	none	2	
0068.DARK	900	10:40	11:34:51.3	14:26:58	300	90	2.0	none	2	cloudy to S-SW
0069.feige66	180	11:01	12:34:54.7	25:20:31	300	90	2.0	none	2	windy
0070.DARK	900	11:05	12:34:54.7	25:20:31	300	90	2.0	none	2	
0071.COMP	15	11:21	12:34:54.7	25:20:31	300	90	2.0	none	2	
0072.DARK	900	11:22	12:34:54.7	25:20:31	300	90	2.0	none	2	
0073.gj3789	300	11:42	13:31:46	29:16:34	300	90	2.0	-	2	very windy
0074.COMP	15	11:48	13:31:46	29:16:34	300	90	2.0	-	2	terrible seeing

UT Date 2001-01-31 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	21:59	23:15:54.0	31:30:09	300	90	2.0	-	2	
0010.FLAT	35	22:02	23:19:31.0	31:30:09	300	90	2.0	-	2	
0011-0018.FLAT	35	22:12	23:30:01.0	31:30:08	300	90	2.0	-	2	
0019.DARK	900	22:17	23:48:58.0	31:30:08	300	90	2.0	-	2	
0020-0021.DARK	900	22:49	00:21:04.0	31:30:07	300	90	2.0	-	2	
0022-0026.sky	2	1:01	02:19:13.0	31:30:09	300	90	2.0	123	2	
0027.COMP	15	1:03	02:20:48.0	31:30:09	300	90	2.0	123	2	
0028.bggem	180	2:01	06:03:30.8	27:41:51	300	90	2.0	none	2	seeing terrible
0029.bggem	900	2:04	06:03:30.8	27:41:51	300	90	2.0	none	2	
0030.COMP	15	2:20	06:03:30.8	27:41:51	300	90	2.0	none	2	
0031.bggem	180	2:40	06:42:37.2	02:11:25	300	90	2.0	none	2	seeing improved
0032.bggem	900	2:43	06:42:37.2	02:11:25	300	90	2.0	none	2	
0033.COMP	15	3:00	06:42:37.2	02:11:25	300	90	2.0	none	2	
0034.Hiltner600	60	3:05	06:42:37.2	02:11:25	300	90	2.0	none	2	
0035.COMP	15	3:07	06:42:37.2	02:11:25	300	90	2.0	none	2	
0036.7712A	300	3:12	06:28:04.4	-4:53:57	300	90	2.0	#123 NGC2232	2	
0037.COMP	15	3:18	06:28:04.4	-4:53:57	300	90	2.0	#123 NGC2232	2	
0038.7711	1800	3:22	06:28:00.2	-4:47:37	300	90	2.0	#123 NGC2232	2	use sky to E of star
0039.COMP	15	3:54	06:28:00.2	-4:47:37	300	90	2.0	#123 NGC2232	2	
0040.7812	1800	3:58	06:26:29.3	-4:18:17	300	90	2.0	#123 NGC2232	2	

UT Date 2001-01-31 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0041.COMP	15	4:29	06:26:29.3	-4:18:17	300	90	2.0	#123 NGC2232	2	
0042.Hiltner600	60	4:32	06:42:37.2	02:11:25	300	90	2.0	#123 NGC2232	2	
0043.7804	1800	4:37	06:26:34.3	-4:36:23	300	90	2.0	#123 NGC2232	2	
0044.COMP	15	5:09	06:26:34.3	-4:36:23	300	90	2.0	#123 NGC2232	2	
0045.7739	1800	5:13	06:27:25.3	-4:38:58	300	90	2.0	#123 NGC2232	2	
0046.COMP	15	5:44	06:27:25.3	-4:38:58	300	90	2.0	#123 NGC2232	2	seeing good
0047.7741	1800	5:48	06:27:36.6	-4:56:34	300	90	2.0	#123 NGC2232	2	excellent seeing
0048.COMP	15	6:19	06:27:36.6	-4:56:34	300	90	2.0	#123 NGC2232	2	
0049.7726A	1800	6:22	06:27:29.3	-4:52:25	300	90	2.0	#123 NGC2232	2	
0050.7726B	600	6:54	06:27:29.3	-4:52:25	300	90	2.0	#123 NGC2232	2	
0051.COMP	15	7:05	06:27:29.3	-4:52:25	300	90	2.0	#123 NGC2232	2	
0052.Hiltner600	60	7:07	06:42:37.2	02:11:25	300	90	2.0	#123 NGC2232	2	
0053.7715A	1800	7:11	06:26:28.7	-4:26:47	300	90	2.0	#123 NGC2232	2	
0054.COMP	15	7:42	06:26:28.7	-4:26:47	300	90	2.0	#123 NGC2232	2	
0055.7718	1800	7:44	06:28:12.4	-4:45:42	300	90	2.0	#123 NGC2232	2	
0056.COMP	15	8:15	06:28:12.4	-4:45:42	300	90	2.0	#123 NGC2232	2	
0057.7720	1800	8:17	06:28:19.9	-4:44:39	300	90	2.0	#123 NGC2232	2	
0058.COMP	15	8:48	06:28:19.9	-4:44:39	300	90	2.0	#123 NGC2232	2	
0059.Hiltner600	60	8:50	06:42:37.2	02:11:25	300	90	2.0	#123 NGC2232	2	
0060.COMP	15	8:52	06:42:37.2	02:11:25	300	90	2.0	#123 NGC2232	2	

UT Date 2001-01-31 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

<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>
0061.Feige34	60	8:56	10:36:41.2	43:21:50	300	90	2.0	#123 NGC2232	2	
0062.COMP	15	8:59	10:36:41.2	43:21:50	300	90	2.0	#123 NGC2232	2	
0063.SN2001N	1800	9:08	10:39:58.0	24:05:23	300	90	2.0	#2 SN Observat	2	
0064.COMP	15	9:39	10:39:58.0	24:05:23	300	90	2.0	#2 SN Observat	2	
0065.SN2001M	1800	9:45	10:24:31.4	-21:47:41	300	90	2.0	#2 SN Observat	2	
0066.COMP	15	10:16	10:24:31.4	-21:47:41	300	90	2.0	#2 SN Observat	2	
0067.SN2001E	1800	10:23	11:49:04.9	-09:44:11	300	90	2.0	#2 SN Observat	2	
0068.COMP	15	10:54	11:49:04.9	-09:44:11	300	90	2.0	#2 SN Observat	2	
0069.SN2001E	1800	10:55	11:49:04.9	-09:44:11	300	90	2.0	#2 SN Observat	2	
0070.COMP	15	11:26	11:49:04.9	-09:44:11	300	90	2.0	#2 SN Observat	2	
0071.HZ44	60	11:29	13:21:19.0	36:23:39	300	90	2.0	#2 SN Observat	2	
0072.COMP	15	11:31	13:21:19.0	36:23:39	300	90	2.0	#2 SN Observat	2	
0073.Feige67	60	11:35	12:39:18.9	17:47:24	300	90	2.0	#2 SN Observat	2	
0074-0075.DARK	900	11:53	12:39:18.9	17:47:24	300	90	2.0	#2 SN Observat	2	

UT Date 2001-02-01 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	21:58	23:18:36.0	31:30:09	300	90	2.0	#2 SN Observat	2	
0010-0017.FLAT	35	22:05	23:27:04.0	31:30:09	300	90	2.0	#2 SN Observat	2	
0018.FLAT	35	22:06	23:27:52.0	31:30:08	300	90	2.0	#2 SN Observat	2	
0019-0020.DARK	900	22:25	00:01:31.0	31:30:08	300	90	2.0	#2 SN Observat	2	
0021.DARK	900	22:41	00:16:51.0	31:30:07	300	90	2.0	#2 SN Observat	2	
0022.7816	10	2:46	06:26:07.7	-4:37:51	300	90	2.0	#123 NGC2232	2	
0023.COMP	15	2:48	06:26:07.7	-4:37:51	300	90	2.0	#123 NGC2232	2	not photo
0024.7714AB	1800	2:51	06:28:05.8	-4:38:24	300	90	2.0	#123 NGC2232	2	A is west, B is east
0025.COMP	15	3:23	06:28:05.8	-4:38:24	300	90	2.0	#123 NGC2232	2	
0026.7720	1800	3:27	06:28:19.9	-4:44:39	300	90	2.0	#123 NGC2232	2	band of cirrus during obs
0027.COMP	15	3:58	06:28:19.9	-4:44:39	300	90	2.0	#123 NGC2232	2	
0028.7724B	900	4:01	06:27:10.6	-4:46:51	300	90	2.0	#123 NGC2232	2	compA v briht, nearby to N
0029.7724A	10	4:18	06:27:10.6	-4:46:51	300	90	2.0	#123 NGC2232	2	
0030.COMP	15	4:19	06:27:10.6	-4:46:51	300	90	2.0	#123 NGC2232	2	
0031.7727	1800	4:25	06:27:54.7	-4:49:10	300	90	2.0	#123 NGC2232	2	clear, photo?
0032.COMP	15	4:56	06:27:54.7	-4:49:10	300	90	2.0	#123 NGC2232	2	
0033.7733A	1800	5:02	06:28:47.5	-4:44:42	300	90	2.0	#123 NGC2232	2	
0034.COMP	15	5:33	06:28:47.5	-4:44:42	300	90	2.0	#123 NGC2232	2	
0035.Hiltner600	60	5:35	06:42:37.2	02:11:25	300	90	2.0	#123 NGC2232	2	
0036.COMP	15	5:37	06:42:37.2	02:11:25	300	90	2.0	#123 NGC2232	2	

UT Date 2001-02-01 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0037.7737	1800	5:39	06:27:30.9	-4:34:47	300	90	2.0	#123 NGC2232	2	cirrus coming in from W
0038.COMP	15	6:10	06:27:30.9	-4:34:47	300	90	2.0	#123 NGC2232	2	
0039.7701	600	6:40	06:27:27.6	-4:45:22	300	90	2.0	#123 NGC2232	2	cloudy
0040.COMP	15	6:51	06:27:27.6	-4:45:22	300	90	2.0	#123 NGC2232	2	
0041.7702	600	6:53	06:27:31.0	-4:39:30	300	90	2.0	#123 NGC2232	2	
0042.COMP	15	7:04	06:27:31.0	-4:39:30	300	90	2.0	#123 NGC2232	2	
0043.7707	30	7:06	06:27:47.8	-4:49:29	300	90	2.0	#123 NGC2232	2	
0044.7709	60	7:08	06:27:52.6	-4:46:01	300	90	2.0	#123 NGC2232	2	
0045.7710	10	7:11	06:27:57.7	-4:45:43	300	90	2.0	#123 NGC2232	2	saturated
0046.7710	5	7:12	06:27:57.7	-4:45:43	300	90	2.0	#123 NGC2232	2	
0047.COMP	15	7:14	06:27:57.7	-4:45:43	300	90	2.0	#123 NGC2232	2	
0048.7734A	120	7:16	06:27:21.6	-4:56:30	300	90	2.0	#123 NGC2232	2	
0049.7734B	120	7:19	06:27:21.6	-4:56:30	300	90	2.0	#123 NGC2232	2	very cloudy
0050.COMP	15	7:22	06:27:21.6	-4:56:30	300	90	2.0	#123 NGC2232	2	
0051.7742	120	7:24	06:27:54.8	-4:49:50	300	90	2.0	#123 NGC2232	2	terrible seeing
0052.7743	300	7:29	06:28:20.5	-4:41:50	300	90	2.0	#123 NGC2232	2	aborted due to clouds
0053.COMP	15	7:33	06:28:20.5	-4:41:50	300	90	2.0	#123 NGC2232	2	
0054.7743	300	7:38	06:28:20.5	-4:41:50	300	90	2.0	#123 NGC2232	2	
0055.7744	300	7:46	06:28:33.7	-4:46:57	300	90	2.0	#123 NGC2232	2	
0056.COMP	15	7:52	06:28:33.7	-4:46:57	300	90	2.0	#123 NGC2232	2	

UT Date 2001-02-01 Observers Brian PattenColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.7803	5	7:54	06:26:34.4	-4:35:51	300	90	2.0	#123 NGC2232	2	
0058.7811	10	7:56	06:27:00.8	-4:21:17	300	90	2.0	#123 NGC2232	2	
0059.7814	300	7:59	06:26:43.3	-4:44:47	300	90	2.0	#123 NGC2232	2	
0060.COMP	15	8:05	06:26:43.3	-4:44:47	300	90	2.0	#123 NGC2232	2	
0061.Feige34	60	8:13	10:36:41.2	43:21:50	300	90	2.0	#123 NGC2232	2	prob photometric again?
0062.COMP	15	8:17	10:36:41.2	43:21:50	300	90	2.0	#123 NGC2232	2	
0063.SN2001N	1200	8:35	10:39:58.1	24:05:26	300	45	2.0	#2 SN Observat	2	
0064.COMP	15	8:56	10:39:58.1	24:05:26	300	45	2.0	#2 SN Observat	2	
0065.SN2001G	1200	9:02	09:09:33.1	50:16:51	300	45	2.0	#2 SN Observat	2	
0066.COMP	15	9:23	09:09:33.1	50:16:51	300	45	2.0	#2 SN Observat	2	
0067.SN2001K	1200	9:28	11:13:56.1	12:18:07	300	45	2.0	#2 SN Observat	2	photometric?
0068.COMP	15	9:50	11:13:56.1	12:18:07	300	45	2.0	#2 SN Observat	2	
0069.Feige34	60	9:54	10:36:41.2	43:21:50	300	45	2.0	#2 SN Observat	2	
0070.COMP	15	9:58	10:36:41.2	43:21:50	300	45	2.0	#2 SN Observat	2	
0071-0072.DARK	900	10:15	10:36:41.2	43:21:50	300	45	2.0	#2 SN Observat	2	