

UT Date 2000-10-02 Observers M CalkinsColl. Focus 1000 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.DARK	900	0:22	17:57:15.0	31:30:08	600	90	2.0	none	2	
0002-0003.DARK	900	0:52	18:27:47.0	31:30:07	600	90	2.0	none	2	
0004.DARK	900	1:07	18:43:02.0	31:30:06	600	90	2.0	none	2	
0005.DARK	900	1:23	18:58:18.0	31:30:05	600	90	2.0	none	2	
0006-0015.BIAS	0	1:54	19:15:10.0	31:30:05	600	90	2.0	none	2	
0016-0025.FLAT	35	2:04	19:24:55.0	31:30:05	600	90	2.0	none	2	
0026.HD192281	5	2:20	20:12:33.1	+40:16:05	600	41	2.0	#56 Photometri	2	
0027.COMP	30	2:21	20:12:33.1	+40:16:05	600	41	2.0	#56 Photometri	2	
0028.COMP	30	2:37	17:50:21.0	22:57:05	600	41	2.0	#56 Photometri	2	
0029.MF7011	900	2:38	17:50:21.0	22:57:05	600	50	2.0	#56 Photometri	2	
0030.MF7011	900	2:53	17:50:21.0	22:57:05	600	50	2.0	#56 Photometri	2	
0031.MF7011	900	3:08	17:50:21.0	22:57:05	600	50	2.0	#56 Photometri	2	
0032.COMP	30	3:25	17:50:21.0	22:57:05	600	50	2.0	#56 Photometri	2	
0033.MF7060	450	3:28	18:35:58.5	51:27:32	600	101	2.0	#56 Photometri	2	
0034.MF7060	450	3:36	18:35:58.5	51:27:32	600	101	2.0	#56 Photometri	2	
0035.COMP	30	3:44	18:35:58.5	51:27:32	600	101	2.0	#56 Photometri	2	
0036.COMP	30	3:51	21:53:16.0	15:36:55	600	35	2.0	#88f Mass Func	2	
0037.MF7029	900	3:52	21:53:16.0	15:36:55	600	35	2.0	#88f Mass Func	2	
0038.MF7029	900	4:07	21:53:16.0	15:36:55	600	35	2.0	#88f Mass Func	2	
0039.COMP	30	4:23	21:53:16.0	15:36:55	600	35	2.0	#88f Mass Func	2	

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0040.MF7147	450	4:26	00:44:25.8	16:48:49	600	65	2.0	#88f Mass Func	2	
0041.MF7147	450	4:34	00:44:25.8	16:48:49	600	65	2.0	#88f Mass Func	2	
0042.COMP	30	4:42	00:44:25.8	16:48:49	600	65	2.0	#88f Mass Func	2	
0043.MF2148	450	4:47	01:01:52.7	+30:08:45	600	-25	2.0	#88f Mass Func	2	
0044.MF2148	450	4:54	01:01:52.7	+30:08:45	600	-25	2.0	#88f Mass Func	2	
0045.COMP	30	5:02	01:01:52.7	+30:08:45	600	-25	2.0	#88f Mass Func	2	
0046.MF7114	450	5:05	01:17:42.2	19:57:45	600	-50	2.0	#88f Mass Func	2	
0047.MF7114	450	5:13	01:17:42.2	19:57:45	600	-50	2.0	#88f Mass Func	2	
0048.COMP	30	5:21	01:17:42.2	19:57:45	600	-50	2.0	#88f Mass Func	2	
0049.COMP	30	5:26	00:21:5.0	34:30:53	600	-50	2.0	#88f Mass Func	2	
0050.MF7106	900	5:27	00:21:5.0	34:30:53	600	0	2.0	#88f Mass Func	2	
0051.COMP	30	5:50	00:21:5.0	34:30:53	600	0	2.0	#88f Mass Func	2	
0052.MF2378	450	5:54	02:15:56.1	23:22:48	600	-65	2.0	#88f Mass Func	2	
0053.MF2378	450	6:02	02:15:56.1	23:22:48	600	-65	2.0	#88f Mass Func	2	
0054.COMP	30	6:10	02:15:56.1	23:22:48	600	-65	2.0	#88f Mass Func	2	
0055.COMP	30	6:12	02:05:43.6	24:14:02	600	-65	2.0	#88f Mass Func	2	
0056.MF7058	900	6:13	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	
0057.MF7058	900	6:28	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	
0058.MF7058	900	6:44	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	
0059.COMP	30	6:59	02:05:43.6	24:14:02	600	-15	2.0	#88f Mass Func	2	

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0060.COMP	30	7:02	01:01:21.2	31:30:27	600	-15	2.0	#88f Mass Func	2	
0061.MF7009	900	7:04	01:01:21.2	31:30:27	600	10	2.0	#88f Mass Func	2	
0062.MF7009	900	7:19	01:01:21.2	31:30:27	600	10	2.0	#88f Mass Func	2	
0063.COMP	30	7:34	01:01:21.2	31:30:27	600	10	2.0	#88f Mass Func	2	
0064.MF7141	450	7:37	02:54:1.9	11:49:46	600	-12	2.0	#88f Mass Func	2	
0065.MF7141	450	7:45	02:54:1.9	11:49:46	600	-12	2.0	#88f Mass Func	2	
0066.COMP	30	7:53	02:54:1.9	11:49:46	600	-12	2.0	#88f Mass Func	2	
0067.COMP	30	7:55	03:02:6.0	11:30:52	600	-12	2.0	#88f Mass Func	2	
0068.MF7088	900	7:56	03:02:6.0	11:30:52	600	-9	2.0	#88f Mass Func	2	
0069.MF7088	900	8:12	03:02:6.0	11:30:52	600	-9	2.0	#88f Mass Func	2	
0070.MF7088	900	8:27	03:02:6.0	11:30:52	600	-9	2.0	#88f Mass Func	2	
0071.COMP	30	8:42	03:02:6.0	11:30:52	600	-9	2.0	#88f Mass Func	2	
0072.Feige25	120	8:46	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0073.COMP	30	8:48	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0074.MF7004	450	8:52	02:56:32.9	15:54:37	600	-55	2.0	#88f Mass Func	2	
0075.MF7004	450	9:00	02:56:32.9	15:54:37	600	-55	2.0	#88f Mass Func	2	
0076.COMP	30	9:08	02:56:32.9	15:54:37	600	-55	2.0	#88f Mass Func	2	
0077.COMP	30	9:12	03:46:3.4	12:42:11	600	-55	2.0	#88f Mass Func	2	
0078.MF7026	900	9:14	03:46:3.4	12:42:11	600	-63	2.0	#88f Mass Func	2	
0079.MF7026	900	9:29	03:46:3.4	12:42:11	600	-63	2.0	#88f Mass Func	2	

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0080.COMP	30	9:44	03:46:3.4	12:42:11	600	-63	2.0	#88f Mass Func	2	
0081.COMP	30	9:48	02:59:42.2	10:34:10	600	-63	2.0	#88f Mass Func	2	
0082.MF7100	900	9:49	02:59:42.2	10:34:10	600	40	2.0	#88f Mass Func	2	
0083.MF7100	900	10:04	02:59:42.2	10:34:10	600	40	2.0	#88f Mass Func	2	
0084.MF7100	900	10:19	02:59:42.2	10:34:10	600	40	2.0	#88f Mass Func	2	
0085.COMP	30	10:35	02:59:42.2	10:34:10	600	40	2.0	#88f Mass Func	2	
0086.COMP	30	10:37	03:50:23.4	6:58:22	600	40	2.0	#88f Mass Func	2	
0087.MF7035	900	10:38	03:50:23.4	6:58:22	600	40	2.0	#88f Mass Func	2	
0088.MF7035	900	10:53	03:50:23.4	6:58:22	600	40	2.0	#88f Mass Func	2	
0089.COMP	30	11:09	03:50:23.4	6:58:22	600	40	2.0	#88f Mass Func	2	
0090.COMP	30	11:11	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0091.MF7102	900	11:12	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0092.MF7102	900	11:27	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0093.MF7102	900	11:42	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0094.COMP	30	11:58	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0095.MF4010	450	12:01	7:21:4.5	+39:49:8	600	77	2.0	#88f Mass Func	2	
0096.MF4010	450	12:09	7:21:4.5	+39:49:8	600	77	2.0	#88f Mass Func	2	
0097.COMP	30	12:17	7:21:4.5	+39:49:8	600	77	2.0	#88f Mass Func	2	
0098.MF4003	450	12:19	7:1:52.6	+47:39:57	600	26	2.0	#88f Mass Func	2	
0099.MF4003	450	12:27	7:1:52.6	+47:39:57	600	26	2.0	#88f Mass Func	2	

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0100.COMP	30	12:35	7:1:52.6	+47:39:57	600	26	2.0	#88f Mass Func	2	
0101.Hiltner600	60	12:39	06:45:12.0	+02:06:00	600	90	2.0	#56 Photometri	2	
0102.COMP	30	12:40	06:45:12.0	+02:06:00	600	90	2.0	#56 Photometri	2	
0103-0107.sky	2	13:12	06:45:12.0	+02:06:00	600	90	2.0	#57 Velocity S	2	
0108.COMP	30	13:13	06:45:12.0	+02:06:00	600	90	2.0	#57 Velocity S	2	
0109-0118.BIAS	0	13:17	06:45:12.0	+02:06:00	600	90	2.0	#57 Velocity S	2	
0119-0128.FLAT	30	13:28	06:45:12.0	+02:06:00	600	90	2.0	#57 Velocity S	2	
0129-0138.DARK	900	15:48	06:45:12.0	+02:06:00	600	90	2.0	#57 Velocity S	2	

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01.10.BIAS	0	1:07	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		
11.20.FLAT	8	1:11	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		Hi Susan!
21.30.BIAS	0	1:14	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		
31.40.FLAT	16	1:16	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		
41.45.sky	3	1:22	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		on clouds
0046.COMP	5	1:24	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		
47.49.HD192281	5	1:50	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0050.COMP	5	1:52	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0051.id2437	240	1:55	20:04:28.9	35:53:27	300	90	3.0	#115 PMS NGC68		stopped by clouds already...
0052.id2744	360	3:33	19:59:23.0	35:13:13	300	90	3.0	#115 PMS NGC68		stop and go
0053.COMP	5	3:40	19:59:23.0	35:13:13	300	90	3.0	#115 PMS NGC68		
0054.id1488	360	3:41	20:06:43.0	35:43:17	300	90	3.0	#115 PMS NGC68		
0055.id1526	360	3:56	20:06:37.2	35:40:18	300	90	3.0	#115 PMS NGC68		sky clearing a bit
0056.COMP	5	4:03	20:06:37.2	35:40:18	300	90	3.0	#115 PMS NGC68		
0057.id2081	360	4:03	20:05:26.5	35:48:42	300	90	3.0	#115 PMS NGC68		
0058.id2840	360	4:10	19:58:48.5	35:06:23	300	90	3.0	#115 PMS NGC68		
0059.COMP	5	4:16	19:58:48.5	35:06:23	300	90	3.0	#115 PMS NGC68		
0060.id1953	360	4:17	20:05:48.1	35:37:44	300	90	3.0	#115 PMS NGC68		
0061.id1980	360	4:23	20:05:44.4	35:53:52	300	90	3.0	#115 PMS NGC68		
0062.COMP	5	4:30	20:05:44.4	35:53:52	300	90	3.0	#115 PMS NGC68		

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0063.id2080	300	4:30	20:05:26.7	35:38:27	300	90	3.0	#115 PMS NGC68		
0064.id2171	300	4:36	20:05:17.1	35:37:25	300	90	3.0	#115 PMS NGC68		
0065.COMP	5	4:41	20:05:17.1	35:37:25	300	90	3.0	#115 PMS NGC68		
0066.id1346	300	4:43	20:06:59.8	35:48:34	300	90	3.0	#115 PMS NGC68		binby2; ignore fainter * to W
0067.id1492	300	4:48	20:06:42.6	35:50:55	300	90	3.0	#115 PMS NGC68		
0068.COMP	10	4:54	20:06:42.6	35:50:55	300	90	3.0	#115 PMS NGC68		
0069.id1515	300	4:55	20:06:39.0	35:45:32	300	90	3.0	#115 PMS NGC68		
0070.id1765	300	5:00	20:06:06.7	35:52:05	300	90	3.0	#115 PMS NGC68		
0071.COMP	5	5:06	20:06:06.7	35:52:05	300	90	3.0	#115 PMS NGC68		
0072.id1774	300	5:06	20:06:05.2	35:37:28	300	90	3.0	#115 PMS NGC68		
0073.id1921	300	5:12	20:05:50.9	35:50:55	300	90	3.0	#115 PMS NGC68		
0074.COMP	5	5:17	20:05:50.9	35:50:55	300	90	3.0	#115 PMS NGC68		
0075.id2079	300	5:18	20:05:27.4	35:36:44	300	90	3.0	#115 PMS NGC68		clouds increasing again
0076.id2156	330	5:23	20:05:19.3	35:42:22	300	90	3.0	#115 PMS NGC68		
0077.COMP	5	5:29	20:05:19.3	35:42:22	300	90	3.0	#115 PMS NGC68		
78.79.BDp284211	45	5:31	21:51:11.0	+28:51:50	300	77	3.0	#56 Photometri		
0080.COMP	10	5:33	21:51:11.0	+28:51:50	300	77	3.0	#56 Photometri		
81.82.Akn564	180	5:35	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor		
0083.COMP	5	5:41	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor		
84.85.N7469	180	5:47	23:03:15.7	+08:52:27	300	9	3.0	#6 AGN Monitor		

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0086.COMP	5	5:55	23:03:15.7	+08:52:27	300	9	3.0	#6 AGN Monitor		stopped by clouds.
87.88.MRK335	240	6:51	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor		
0089.COMP	5	7:00	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor		
0090.SN2000dn	540	7:03	23:05:05.8	-03:12:01	300	30	3.0	#2 SN Observat		stopped by clouds.
0091.COMP	10	7:13	23:05:05.8	-03:12:01	300	90	3.0	#2 SN Observat		
92.93.M32	30	7:33	00:39:58	+40:35:30	300	30	3.0	#57 Velocity S		clearing again.
0094.COMP	5	7:34	00:39:58	+40:35:30	300	30	3.0	#57 Velocity S		
0095.SN2000cx	1200	8:09	01:24:46.1	+09:30:30	300	15	3.0	#2 SN Observat		nice
0096.COMP	10	8:29	01:24:46.1	+09:30:30	300	15	3.0	#2 SN Observat		
0097.a119c_488	420	8:32	00:56:03.1	-1:55:52	300	90	3.0	#64 Cluster In		
0098.COMP	5	8:40	00:56:03.1	-1:55:52	300	90	3.0	#64 Cluster In		
0099.a119c_489	420	8:41	00:57:46.4	-0:34:56	300	90	3.0	#64 Cluster In		
0100.COMP	5	8:48	00:57:46.4	-0:34:56	300	90	3.0	#64 Cluster In		
0101.a119c_491	420	8:48	00:50:55.6	00:39:03	300	90	3.0	#64 Cluster In		
0102.COMP	5	8:57	00:50:55.6	00:39:03	300	90	3.0	#64 Cluster In		
0103.a119c_492	600	8:57	00:53:46.2	-0:46:49	300	90	3.0	#64 Cluster In		
0104.COMP	5	9:08	00:53:46.2	-0:46:49	300	90	3.0	#64 Cluster In		
0105.a119c_493	600	9:08	00:47:20.6	-1:06:20	300	90	3.0	#64 Cluster In		
0106.COMP	5	9:19	00:47:20.6	-1:06:20	300	90	3.0	#64 Cluster In		
0107.a119c_495	420	9:19	01:03:06.8	00:47:11	300	90	3.0	#64 Cluster In		



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0108.COMP	5	9:27	01:03:06.8	00:47:11	300	90	3.0	#64 Cluster In		
0109.a119c_496	420	9:27	01:00:40.4	-2:07:44	300	90	3.0	#64 Cluster In		
0110.COMP	5	9:35	01:00:40.4	-2:07:44	300	90	3.0	#64 Cluster In		
0111.a119c_498	600	9:35	01:02:56.8	-1:35:12	300	90	3.0	#64 Cluster In		
0112.COMP	5	9:45	01:02:56.8	-1:35:12	300	90	3.0	#64 Cluster In		
0113.a119c_613	300	9:46	01:02:51.5	-1:33:15	300	90	3.0	#64 Cluster In		
0114.COMP	5	9:51	01:02:51.5	-1:33:15	300	90	3.0	#64 Cluster In		
0115.a119c_507	420	9:52	00:57:36.1	-1:51:50	300	90	3.0	#64 Cluster In		
0116.COMP	5	9:59	00:57:36.1	-1:51:50	300	90	3.0	#64 Cluster In		
0117.a119c_508	420	10:00	01:01:01.1	-0:24:44	300	90	3.0	#64 Cluster In		
0118.COMP	5	10:08	01:01:01.1	-0:24:44	300	90	3.0	#64 Cluster In		
0119.a119c_509	420	10:08	00:55:31.8	-0:31:48	300	90	3.0	#64 Cluster In		
0120.COMP	5	10:15	00:55:31.8	-0:31:48	300	90	3.0	#64 Cluster In		
0121.a119c_514	420	10:16	01:00:35.4	-2:15:12	300	90	3.0	#64 Cluster In		
0122.COMP	5	10:23	01:00:35.4	-2:15:12	300	90	3.0	#64 Cluster In		
0123.a119c_516	420	10:24	01:04:34.3	00:36:18	300	90	3.0	#64 Cluster In		
0124.COMP	5	10:31	01:04:34.3	00:36:18	300	90	3.0	#64 Cluster In		
0125.a496_218	420	10:33	04:45:33.8	-14:35:20	300	90	3.0	#64 Cluster In		
0126.COMP	5	10:40	04:45:33.8	-14:35:20	300	90	3.0	#64 Cluster In		
0127.a496_219	540	10:41	04:28:14.3	-09:46:40	300	90	3.0	#64 Cluster In		

UT Date 10/03/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.COMP	5	10:50	04:28:14.3	-09:46:40	300	90	3.0	#64 Cluster In		
0129.a496_220	900	10:51	04:25:50.9	-11:03:57	300	90	3.0	#64 Cluster In		
0130.COMP	5	11:06	04:25:50.9	-11:03:57	300	90	3.0	#64 Cluster In		
0131.a496_221	600	11:07	04:30:18.9	-18:19:23	300	90	3.0	#64 Cluster In		
0132.COMP	5	11:18	04:30:18.9	-18:19:23	300	90	3.0	#64 Cluster In		
0133.a496_224	480	11:20	04:44:30.4	-16:41:03	300	90	3.0	#64 Cluster In		
0134.COMP	5	11:28	04:44:30.4	-16:41:03	300	90	3.0	#64 Cluster In		
0135.a496_223	300	11:29	04:32:37.3	-11:54:25	300	90	3.0	#64 Cluster In		
0136.COMP	5	11:34	04:32:37.3	-11:54:25	300	90	3.0	#64 Cluster In		
0137.a496_227	300	11:35	04:27:34.2	-11:26:36	300	90	3.0	#64 Cluster In		
0138.COMP	5	11:40	04:27:34.2	-11:26:36	300	90	3.0	#64 Cluster In		
0139.a496_228	300	11:41	04:25:50.7	-10:37:39	300	90	3.0	#64 Cluster In		
0140.COMP	5	11:46	04:25:50.7	-10:37:39	300	90	3.0	#64 Cluster In		
142.141.BGGem	180	12:03	6:03:31	27:41:50	300	900	3.0	#100 BGGem		
0143.COMP	10	12:07	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0144.HZ14	300	12:08	04:41:01.0	+10:59:42	300	30	3.0	#56 Photometri		
0145.COMP	10	12:14	04:41:01.0	+10:59:42	300	30	3.0	#56 Photometri		
0146.2M025640.4p1552	180	12:15	02:56:40.4	+15:52:58	300	30	3.0	#68 2MASS Reds		
0147.COMP	5	12:18	02:56:40.4	+15:52:58	300	30	3.0	#68 2MASS Reds		
0148.2M030145.5p2912	180	12:19	03:01:45.5	+29:12:38	300	30	3.0	#68 2MASS Reds		

UT Date 10/04/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.08.DARK	1200	22:16	02:58:30.0	+07:56:13	300	90	3.0	#57 Velocity S		
09.20.BIAS	0	1:23	02:58:30.0	+07:56:13	300	90	3.0	#57 Velocity S		big thunderstorm this afternoon
21.30.FLAT	8	1:27	02:58:30.0	+07:56:13	300	90	3.0	#57 Velocity S		
31.40.BIAS	0	1:37	02:58:30.0	+07:56:13	300	90	3.0	#57 Velocity S		
41.50.FLAT	16	1:40	02:58:30.0	+07:56:13	300	90	3.0	#57 Velocity S		
0051.id2172	300	2:20	19:58:40.9	35:16:56	300	90	3.0	#115 PMS NGC68		stopped by clouds
0052.COMP	5	2:24	20:05:17.2	35:38:55	300	90	3.0	#115 PMS NGC68		
0053.id2863	300	2:51	19:58:40.9	35:16:56	300	90	3.0	#115 PMS NGC68		
0054.id2154	300	2:57	20:05:19.7	35:51:26	300	90	3.0	#115 PMS NGC68		
0055.COMP	5	3:02	20:05:19.7	35:51:26	300	90	3.0	#115 PMS NGC68		
0056.id2651	300	3:03	19:59:56.1	35:08:20	300	90	3.0	#115 PMS NGC68		clearing nicely
0057.id2941	300	3:08	19:58:04.1	35:21:15	300	90	3.0	#115 PMS NGC68		
0058.COMP	5	3:13	19:58:04.1	35:21:15	300	90	3.0	#115 PMS NGC68		
0059.id1362	300	3:14	20:06:57.9	35:42:14	300	90	3.0	#115 PMS NGC68		
0060.id1659	300	3:20	20:06:19.2	35:55:46	300	90	3.0	#115 PMS NGC68		bona-fide PMS!
0061.COMP	5	3:25	20:06:19.2	35:55:46	300	90	3.0	#115 PMS NGC68		
0062.id2680	300	3:26	19:59:46.3	35:13:42	300	90	3.0	#115 PMS NGC68		please ignore fainter * to E
0063.id2807	300	3:31	19:58:58.4	35:25:57	300	90	3.0	#115 PMS NGC68		
0064.COMP	5	3:37	19:58:58.4	35:25:57	300	90	3.0	#115 PMS NGC68		
0065.id2573	300	3:37	20:04:02.4	35:49:58	300	90	3.0	#115 PMS NGC68		

UT Date 10/04/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.id73	300	3:43	20:06:04.0	35:45:13	300	90	3.0	#115 PMS NGC68		
0067.COMP	5	3:48	20:06:04.0	35:45:13	300	90	3.0	#115 PMS NGC68		
0068.id1271	300	3:49	20:07:07.1	35:50:27	300	90	3.0	#115 PMS NGC68		
0069.id100	300	3:54	20:05:51.5	35:43:47	300	90	3.0	#115 PMS NGC68		please ignore fainter * to E
0070.COMP	5	3:59	20:05:51.5	35:43:47	300	90	3.0	#115 PMS NGC68		
0071.id1072	240	4:00	20:07:28.1	35:54:35	300	90	3.0	#115 PMS NGC68		
0072.id1532	300	4:04	20:06:36.4	35:37:09	300	90	3.0	#115 PMS NGC68		
0073.COMP	5	4:10	20:06:36.4	35:37:09	300	90	3.0	#115 PMS NGC68		
0074.id1818	300	4:10	20:06:01.1	35:36:35	300	90	3.0	#115 PMS NGC68		
0075.id2138	300	4:16	20:05:22.0	35:42:12	300	90	3.0	#115 PMS NGC68		H-alpha em
0076.COMP	5	4:21	20:05:22.0	35:42:12	300	90	3.0	#115 PMS NGC68		
77.78.BDp284211	30	4:23	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0079.COMP	10	4:24	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
80.81.MRK509	180	4:30	20:44:09.8	-10:43:24	300	20	3.0	#6 AGN Monitor		
0082.COMP	5	4:34	20:44:09.8	-10:43:24	300	20	3.0	#6 AGN Monitor		
83.85.BFCyg	1	4:36	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic		
0086.COMP	5	4:38	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic		
87.88.CHCyg	1	4:39	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic		
0089.COMP	5	4:40	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic		
90.91.S169	120	4:42	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic		

UT Date 10/04/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.COMP	5	4:51	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic		
93.95.V1016Cyg	0	4:52	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic		
0096.COMP	5	4:54	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic		
97.99.CICyg	2	4:54	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic		
0100.COMP	5	4:57	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic		
101.103.HMSge	1	4:58	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic		
0104.COMP	5	5:00	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic		
105.108.AS360	3	5:00	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic		
0109.COMP	5	5:07	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic		
110.112.PUVu1	1	5:08	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic		
0113.COMP	5	5:13	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic		
114.115.He2m467	30	5:14	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic		
0116.COMP	5	5:20	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic		
117.118.He2m468	60	5:21	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic		
0119.COMP	5	5:32	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic		
120.122.V1329Cyg	15	5:33	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic		
0123.COMP	5	5:40	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic		
0124.V1515Cyg	120	5:41	20:23:48	42:12:24	300	90	3.0	#12 Symbiotic		
0125.COMP	5	5:43	20:23:48	42:12:24	300	90	3.0	#12 Symbiotic		
0126.V1057Cyg	60	5:44	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic		

UT Date 10/04/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.COMP	5	5:45	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic		
128.130.V407Cyg	60	5:46	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic		
0131.COMP	5	5:53	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic		
132.133.Feige110	120	5:55	23:19:58.4	-05:09:56	300	3	3.0	#56 Photometri		
0134.COMP	10	6:00	23:19:58.4	-05:09:56	300	3	3.0	#56 Photometri		
135.137.AGPeg	1	6:02	21:51:02	12:37:33	300	3	3.0	#12 Symbiotic		
0138.COMP	5	6:03	21:51:02	12:37:33	300	3	3.0	#12 Symbiotic		
139.142.RAqr	1	6:04	23:43:49	-15:17:05	300	3	3.0	#12 Symbiotic		outburst
0143.COMP	5	6:06	23:43:49	-15:17:05	300	3	3.0	#12 Symbiotic		
144.147.ZAnd	1	6:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic		pec; outburst
0148.COMP	5	6:11	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic		
149.151.EGAnd	1	6:12	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic		
0152.COMP	5	6:13	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic		
0153.158m213	300	6:14	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S		
0154.COMP	5	6:19	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S		
0155.a119c_523	720	6:21	01:04:30.3	00:34:32	300	90	3.0	#64 Cluster In		
0156.COMP	5	6:34	01:04:30.3	00:34:32	300	90	3.0	#64 Cluster In		
0157.a119c_459	600	6:34	01:04:58.0	-0:51:00	300	90	3.0	#64 Cluster In		
0158.COMP	5	6:45	01:04:58.0	-0:51:00	300	90	3.0	#64 Cluster In		
0159.a119c_470	420	6:46	01:05:48.9	-1:08:57	300	90	3.0	#64 Cluster In		

UT Date 10/04/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0160.COMP	5	6:53	01:05:48.9	-1:08:57	300	90	3.0	#64 Cluster In		
0161.a119c_474	720	6:54	00:51:10.3	-2:40:18	300	90	3.0	#64 Cluster In		
0162.COMP	5	7:06	00:51:10.3	-2:40:18	300	90	3.0	#64 Cluster In		
0163.a119c_473	720	7:07	01:06:34.9	-0:29:52	300	90	3.0	#64 Cluster In		
0164.COMP	5	7:19	01:06:34.9	-0:29:52	300	90	3.0	#64 Cluster In		
0165.a119c_502	720	7:20	00:56:34.1	-3:05:23	300	90	3.0	#64 Cluster In		
0166.COMP	5	7:33	00:56:34.1	-3:05:23	300	90	3.0	#64 Cluster In		
0167.a119c_522EW	540	7:33	00:57:09.6	-1:22:48	300	90	3.0	#64 Cluster In		E and W gals; E gal is wk
0168.COMP	10	7:43	00:57:09.6	-1:22:48	300	90	3.0	#64 Cluster In		
0169.a119c_524	720	7:44	01:07:23.4	00:53:33	300	90	3.0	#64 Cluster In		
0170.COMP	5	7:56	01:07:23.4	00:53:33	300	90	3.0	#64 Cluster In		
0171.a119c_602	540	7:57	01:07:31.5	00:53:23	300	90	3.0	#64 Cluster In		
0172.COMP	5	8:06	01:07:31.5	00:53:23	300	90	3.0	#64 Cluster In		
0173.a119c_527	420	8:06	00:52:50.7	-3:13:49	300	90	3.0	#64 Cluster In		
0174.COMP	5	8:14	00:52:50.7	-3:13:49	300	90	3.0	#64 Cluster In		
0175.a119c_529	420	8:14	00:48:58.0	01:44:27	300	90	3.0	#64 Cluster In		
0176.COMP	5	8:22	00:48:58.0	01:44:27	300	90	3.0	#64 Cluster In		
177.179.SNgc	1200	8:25	02:08:20.9	+01:11:00	300	0	3.0	#2 SN Observat		new type II
178.180.COMP	10	8:46	02:08:20.9	+01:11:00	300	0	3.0	#2 SN Observat		
0181.ngc1139	180	9:08	02:52:44.4	-14:31:54	300	0	3.0	#2 SN Observat		host gal nucleus

UT Date 10/04/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0182.COMP	10	9:12	02:52:44.4	-14:31:54	300	0	3.0	#2 SN Observat		
0183.SNngc1139	1200	9:13	02:52:44.4	-14:31:54	300	0	3.0	#2 SN Observat		nice Ia near max
0184.COMP	10	9:33	02:52:44.4	-14:31:54	300	0	3.0	#2 SN Observat		
0185.a119c_531	600	9:35	00:55:56.0	00:39:41	300	90	3.0	#64 Cluster In		
0186.COMP	5	9:46	00:55:56.0	00:39:41	300	90	3.0	#64 Cluster In		
0187.a119c_532	900	9:46	01:00:09.1	-0:01:00	300	90	3.0	#64 Cluster In		
0188.COMP	5	10:02	01:00:09.1	-0:01:00	300	90	3.0	#64 Cluster In		
0189.03227m0621	1200	10:06	03:25:11	-06:10:51	300	25	3.0	#120 X-Ray IRA		please use wide extract aperture; ignore star to
0190.COMP	10	10:26	03:25:11	-06:10:51	300	25	3.0	#120 X-Ray IRA		
0191.a496_208	540	10:28	04:16:41.8	-12:10:59	300	90	3.0	#64 Cluster In		
0192.COMP	5	10:38	04:16:41.8	-12:10:59	300	90	3.0	#64 Cluster In		
0193.a496_207	900	10:39	04:50:47.3	-13:15:34	300	90	3.0	#64 Cluster In		faint LSB gal; good em!!; ignore sup M* to E
0194.COMP	10	10:54	04:50:47.3	-13:15:34	300	90	3.0	#64 Cluster In		
0195.a496_215	600	10:55	04:45:56.5	-16:09:25	300	90	3.0	#64 Cluster In		
0196.COMP	5	11:06	04:45:56.5	-16:09:25	300	90	3.0	#64 Cluster In		
0197.a496_216	600	11:06	04:44:13.0	-13:08:51	300	90	3.0	#64 Cluster In		
0198.COMP	5	11:17	04:44:13.0	-13:08:51	300	90	3.0	#64 Cluster In		
0199.S32	45	11:17	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic		
0200.S32	300	11:18	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic		
0201.COMP	5	11:24	4:37:45	-01:19:11	300	90	3.0	#12 Symbiotic		



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0202.a496_226	600	11:24	04:39:48.9	-12:03:38	300	90	3.0	#64 Cluster In		
0203.COMP	5	11:35	04:39:48.9	-12:03:38	300	90	3.0	#64 Cluster In		
0204.a496_225	600	11:36	04:45:29.2	-16:22:30	300	90	3.0	#64 Cluster In		
0205.COMP	5	11:46	04:45:29.2	-16:22:30	300	90	3.0	#64 Cluster In		
0206.a496_229	540	11:47	04:32:31.1	-12:04:59	300	90	3.0	#64 Cluster In		
0207.COMP	5	11:56	04:32:31.1	-12:04:59	300	90	3.0	#64 Cluster In		
0208.a496_230	240	11:57	04:24:58.5	-09:54:25	300	90	3.0	#64 Cluster In		please ignore gal in slit to E
0209.COMP	5	12:01	04:24:58.5	-09:54:25	300	90	3.0	#64 Cluster In		
0210.2M030436.6m0002	150	12:02	03:04:36.6	-00:02:14	300	90	3.0	#68 2MASS Reds		
0211.COMP	5	12:05	03:04:36.6	-00:02:14	300	90	3.0	#68 2MASS Reds		
0212.2M031159.8m0109	360	12:05	03:11:59.8	-01:09:41	300	90	3.0	#68 2MASS Reds		
0213.COMP	5	12:12	03:11:59.8	-01:09:41	300	90	3.0	#68 2MASS Reds		
0214.2M031310.2m0254	120	12:12	03:13:10.2	-02:54:12	300	90	3.0	#68 2MASS Reds		
0215.COMP	5	12:15	03:13:10.2	-02:54:12	300	90	3.0	#68 2MASS Reds		
0216.2M031249.3p0542	210	12:15	03:12:49.3	+05:42:03	300	90	3.0	#68 2MASS Reds		
0217.COMP	5	12:19	03:12:49.3	+05:42:03	300	90	3.0	#68 2MASS Reds		
0218.2M031317.4p0920	180	12:20	03:13:17.3	+09:20:04	300	90	3.0	#68 2MASS Reds		
0219.COMP	5	12:23	03:13:17.3	+09:20:04	300	90	3.0	#68 2MASS Reds		
0220.2M031335.5p1648	180	12:24	03:13:35.5	+16:48:40	300	90	3.0	#68 2MASS Reds		
0221.COMP	5	12:27	03:13:35.5	+16:48:40	300	90	3.0	#68 2MASS Reds		

UT Date 10/05/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.DARK	900	21:28	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
11.20.BIAS	0	0:55	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
21.30.FLAT	8	0:56	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
31.40.BIAS	0	0:59	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
41.50.FLAT	16	1:02	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		solid clouds @ sunset
51.53.HD192281	5	1:54	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0054.COMP	5	1:55	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0055.2M175253.0p4105	90	1:56	17:52:53.0	+41:05:16	300	90	3.0	#68 2MASS Reds		
0056.COMP	5	1:58	17:52:53.0	+41:05:16	300	90	3.0	#68 2MASS Reds		
0057.2M175519.5p2840	90	1:59	17:55:19.5	+28:40:45	300	90	3.0	#68 2MASS Reds		
0058.COMP	5	2:01	17:55:19.5	+28:40:45	300	90	3.0	#68 2MASS Reds		
0059.2M175239.5p2903	180	2:02	17:52:39.4	+29:03:32	300	90	3.0	#68 2MASS Reds		redo; clouds...
0060.COMP	5	2:05	17:52:39.4	+29:03:32	300	90	3.0	#68 2MASS Reds		
0061.2M180341.0p5443	150	2:09	18:03:41.0	+54:43:02	300	90	3.0	#68 2MASS Reds		
0062.COMP	5	2:12	18:03:41.0	+54:43:02	300	90	3.0	#68 2MASS Reds		
0063.2M192821.5p5634	120	2:21	19:28:21.4	+56:34:56	300	90	3.0	#68 2MASS Reds		
0064.COMP	5	2:23	19:28:21.4	+56:34:56	300	90	3.0	#68 2MASS Reds		
0065.2M192843.0p5641	180	2:24	19:28:43.0	+56:41:14	300	90	3.0	#68 2MASS Reds		
0066.COMP	5	2:27	19:28:43.0	+56:41:14	300	90	3.0	#68 2MASS Reds		
0067.2M195232.0p5732	240	2:28	19:52:31.9	+57:32:54	300	90	3.0	#68 2MASS Reds		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	5	2:32	19:52:31.9	+57:32:54	300	90	3.0	#68 2MASS Reds		
0069.2M195824.5p5257	130	2:33	19:58:24.4	+52:57:00	300	90	3.0	#68 2MASS Reds		stopped by clouds
0070.COMP	5	2:35	19:58:24.4	+52:57:00	300	90	3.0	#68 2MASS Reds		
71.72.BDp284211	45	5:07	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		stopped...
0073.COMP	10	5:09	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0074.id2356	300	5:12	20:04:44.4	35:40:46	300	90	3.0	#115 PMS NGC68		
0075.id2138	480	5:18	20:05:22.0	35:42:12	300	90	3.0	#115 PMS NGC68		stopped...
0076.COMP	5	5:26	20:05:22.0	35:42:12	300	90	3.0	#115 PMS NGC68		
0077.srgb037.083	600	5:49	23:34:16.0	+04:17:32	300	90	3.0	#59 X-Ray Grou		2 cosmic rays @ H-alpha
0078.COMP	5	5:59	23:34:16.0	+04:17:32	300	90	3.0	#59 X-Ray Grou		
0079.srgb037.081	180	6:01	23:33:51.1	+04:33:13	300	90	3.0	#59 X-Ray Grou		
0080.COMP	5	6:05	23:33:51.1	+04:33:13	300	90	3.0	#59 X-Ray Grou		
0081.srgb037.082	600	6:05	23:34:04.6	+03:24:48	300	90	3.0	#59 X-Ray Grou		
0082.COMP	5	6:16	23:34:04.6	+03:24:48	300	90	3.0	#59 X-Ray Grou		
0083.srgb037.084	900	6:16	23:34:59.0	+03:11:18	300	90	3.0	#59 X-Ray Grou		clearing nicely
0084.COMP	5	6:33	23:34:59.0	+03:11:18	300	90	3.0	#59 X-Ray Grou		
0085.srgb037.077	360	6:34	23:33:21.8	+04:10:52	300	90	3.0	#59 X-Ray Grou		
0086.COMP	5	6:40	23:33:21.8	+04:10:52	300	90	3.0	#59 X-Ray Grou		
0087.a119c_536	360	6:41	01:04:13.5	-0:30:11	300	90	3.0	#64 Cluster In		
0088.COMP	5	6:47	01:04:13.5	-0:30:11	300	90	3.0	#64 Cluster In		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.a119c_537	600	6:48	01:10:40.8	00:16:27	300	90	3.0	#64 Cluster In		
0090.COMP	5	6:58	01:10:40.8	00:16:27	300	90	3.0	#64 Cluster In		
0091.a119c_539	420	6:59	00:55:22.6	-3:25:16	300	90	3.0	#64 Cluster In		
0092.COMP	5	7:06	00:55:22.6	-3:25:16	300	90	3.0	#64 Cluster In		
0093.a119c_540	720	7:07	00:56:04.1	-3:10:32	300	90	3.0	#64 Cluster In		
0094.COMP	5	7:19	00:56:04.1	-3:10:32	300	90	3.0	#64 Cluster In		
0095.a119c_541	720	7:20	01:03:53.0	-2:17:14	300	90	3.0	#64 Cluster In		
0096.COMP	5	7:32	01:03:53.0	-2:17:14	300	90	3.0	#64 Cluster In		
0097.SN2000dk	1200	7:34	01:07:23.5	+32:24:23	300	90	3.0	#2 SN Observat		
0098.COMP	10	7:54	01:07:23.5	+32:24:23	300	90	3.0	#2 SN Observat		
0099.a119c_542	420	7:56	00:54:12.8	-2:29:33	300	90	3.0	#64 Cluster In		
0100.COMP	5	8:03	00:54:12.8	-2:29:33	300	90	3.0	#64 Cluster In		
0101.a119c_543	600	8:04	00:54:15.3	01:04:39	300	90	3.0	#64 Cluster In		
0102.COMP	5	8:14	00:54:15.3	01:04:39	300	90	3.0	#64 Cluster In		
103.105.SN2000dq	1200	8:17	02:08:20.9	+01:11:00	300	0	3.0	#2 SN Observat		
104.106.COMP	10	8:38	02:08:20.9	+01:11:00	300	0	3.0	#2 SN Observat		
0107.Feige25	120	9:00	02:38:37.7	+05:28:11	300	0	3.0	#56 Photometri		
0108.COMP	10	9:03	02:38:37.7	+05:28:11	300	0	3.0	#56 Photometri		
0109.a119c_544	900	9:06	00:53:48.8	-2:23:56	300	0	3.0	#64 Cluster In		
0110.COMP	10	9:21	00:53:48.8	-2:23:56	300	0	3.0	#64 Cluster In		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.a119c_545	600	9:22	01:09:40.1	00:13:51	300	0	3.0	#64 Cluster In		
0112.COMP	5	9:33	01:09:40.1	00:13:51	300	0	3.0	#64 Cluster In		
0113.a119c_546	600	9:33	01:04:23.7	-0:58:14	300	0	3.0	#64 Cluster In		
0114.COMP	5	9:44	01:04:23.7	-0:58:14	300	0	3.0	#64 Cluster In		
0115.a119c_551	480	9:44	00:56:47.8	00:42:35	300	0	3.0	#64 Cluster In		
0116.COMP	5	9:52	00:56:47.8	00:42:35	300	0	3.0	#64 Cluster In		
0117.a119c_552	360	9:53	00:54:58.6	-1:52:51	300	0	3.0	#64 Cluster In		
0118.COMP	5	9:59	00:54:58.6	-1:52:51	300	0	3.0	#64 Cluster In		
0119.a119c_553	360	10:00	00:53:41.3	-1:55:48	300	0	3.0	#64 Cluster In		
0120.COMP	5	10:06	00:53:41.3	-1:55:48	300	0	3.0	#64 Cluster In		
0121.a119c_554	480	10:07	00:56:46.2	00:11:11	300	0	3.0	#64 Cluster In		
0122.COMP	5	10:15	00:56:46.2	00:11:11	300	0	3.0	#64 Cluster In		
123.126.AXPer	1	10:17	1:36:23	54:15:03	300	0	3.0	#12 Symbiotic		
0127.COMP	5	10:20	1:36:23	54:15:03	300	0	3.0	#12 Symbiotic		
128.130.V741Per	10	10:21	1:58:50	52:53:47	300	0	3.0	#12 Symbiotic		
0131.COMP	5	10:28	1:58:50	52:53:47	300	0	3.0	#12 Symbiotic		
0132.a496_231	900	10:30	04:50:28.0	-14:16:30	300	0	3.0	#64 Cluster In		
0133.COMP	5	10:45	04:50:28.0	-14:16:30	300	0	3.0	#64 Cluster In		
0134.a496_232	600	10:46	04:33:35.1	-12:04:51	300	0	3.0	#64 Cluster In		
0135.COMP	5	10:56	04:33:35.1	-12:04:51	300	0	3.0	#64 Cluster In		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.a496_233	330	10:57	04:31:12.9	-15:07:40	300	0	3.0	#64 Cluster In		
0137.COMP	5	11:03	04:31:12.9	-15:07:40	300	0	3.0	#64 Cluster In		
0138.a496_234	330	11:03	04:40:34.9	-14:02:40	300	0	3.0	#64 Cluster In		
0139.COMP	5	11:09	04:40:34.9	-14:02:40	300	0	3.0	#64 Cluster In		
0140.HZ14	300	11:11	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri		
0141.COMP	10	11:16	04:41:01.0	+10:59:42	300	0	3.0	#56 Photometri		
142.143.BGGem	180	11:19	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0144.COMP	10	11:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0145.COMP	10	11:41	6:03:31	27:41:50	1200	90	1.5	#100 BGGem		1200l; 1.5 slit
0146.BGGem	180	11:45	6:03:31	27:41:50	1200	90	1.5	#100 BGGem		
0147.BGGem	600	11:48	6:03:31	27:41:50	1200	90	1.5	#100 BGGem		
0148.COMP	10	11:59	6:03:31	27:41:50	1200	90	1.5	#100 BGGem		
0149.BGGem	600	11:59	6:03:31	27:41:50	1200	90	1.5	#100 BGGem		
0150.COMP	10	12:10	6:03:31	27:41:50	1200	90	1.5	#100 BGGem		
151.152.Hiltner600	90	12:11	06:42:37	02:11:25	1200	90	1.5	#100 BGGem		
0153.COMP	10	12:15	06:42:37	02:11:25	1200	90	1.5	#100 BGGem		
154.163.FLAT	90	12:20	06:42:37	02:11:25	1200	90	1.5	#100 BGGem		clear @ dawn

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:33	18:24:44.0	31:30:07	300	90	3.0	none	4	
0002.DARK	900	0:48	18:39:55.0	31:30:06	300	90	3.0	none	4	
0003.DARK	900	1:04	18:55:03.0	31:30:05	300	90	3.0	none	4	
0004-0013.BIAS	0	1:45	19:21:27.0	31:30:05	300	90	3.0	none	4	
0014-0023.FLAT	6	1:48	19:24:51.0	31:30:05	300	90	3.0	none	4	
0024-0026.BIAS	0	1:50	19:26:04.0	31:30:05	300	90	3.0	none	2	
0027-0033.BIAS	0	1:51	19:27:40.0	31:30:04	300	90	3.0	none	2	
0034.FLAT	12	1:52	19:28:19.0	31:30:04	300	90	3.0	none	2	Scattered Cirrus
0035-0043.FLAT	12	1:56	19:32:17.0	31:30:04	300	90	3.0	none	2	
0044.BDp332642	60	2:06	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	4	
0045.BDp332642	60	2:07	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	4	
0046.COMP	5	2:09	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	4	
0047.BDp332642	60	2:10	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0048.BDp332642	60	2:12	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0049.COMP	12	2:14	15:51:59.8	+32:56:54	300	90	3.0	#56 Photometri	2	
0050.BDp332642	60	2:15	15:51:59.8	+32:56:54	300	76	3.0	#56 Photometri	2	
0051.BDp332642	60	2:16	15:51:59.8	+32:56:54	300	76	3.0	#56 Photometri	2	
0052.COMP	12	2:18	15:51:59.8	+32:56:54	300	76	3.0	#56 Photometri	2	
0053.N5866	90	2:20	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0054.COMP	12	2:22	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>
0055.Hen1341	10	2:26	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0056.Hen1341	30	2:27	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0057.Hen1341	90	2:27	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0058.COMP	12	2:29	17:08:36	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0059.HD154791	1	2:31	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	2	
0060.HD154791	10	2:32	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	2	
0061.COMP	12	2:32	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	2	
0062.RTSer	10	2:40	17:39:52	-11:56:39	300	90	3.0	#12 Symbiotic	2	Row=81
0063.RTSer	300	2:41	17:39:52	-11:56:39	300	90	3.0	#12 Symbiotic	2	
0064.COMP	12	2:46	17:39:52	-11:56:39	300	90	3.0	#12 Symbiotic	2	
0065.UUSer	30	2:49	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	Row=81
0066.UUSer	300	2:50	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	
0067.COMP	12	2:55	17:42:39	-15:24:45	300	90	3.0	#12 Symbiotic	2	
0068.V2416Sgr	30	2:57	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0069.V2416Sgr	200	2:57	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	3:01	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic	2	
0071.XX0ph	1	3:03	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0072.XX0ph	5	3:04	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0073.XX0ph	10	3:04	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	3:05	17:43:56	-06:16:08	300	90	3.0	#12 Symbiotic	2	



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0075.RS0ph	5	3:06	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0076.RS0ph	60	3:06	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	3:08	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0078.AS270	20	3:09	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0079.AS270	300	3:10	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0080.COMP	12	3:15	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic	2	
0081.AS289	5	3:17	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0082.AS289	60	3:18	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	3:19	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0084.DracoC1	720	3:22	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0085.COMP	12	3:35	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0086.V919Sgr	20	3:39	19:03:45	-16:59:56	300	90	3.0	#12 Symbiotic	2	Row=81
0087.V919Sgr	200	3:40	19:03:45	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0088.COMP	12	3:43	19:03:45	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0089.CMAq1	30	3:45	19:03:35	-03:03:14	300	90	3.0	#12 Symbiotic	2	
0090.CMAq1	300	3:46	19:03:35	-03:03:14	300	90	3.0	#12 Symbiotic	2	
0091.COMP	12	3:51	19:03:35	-03:03:14	300	90	3.0	#12 Symbiotic	2	
0092.S164	45	3:53	19:28:41	-06:03:51	300	90	3.0	#12 Symbiotic	2	
0093.S164	300	3:57	19:28:41	-06:03:51	300	90	3.0	#12 Symbiotic	2	
0094.COMP	12	4:03	19:28:41	-06:03:51	300	90	3.0	#12 Symbiotic	2	

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0095.YYHer	20	4:05	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0096.YYHer	200	4:05	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	4:09	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0098.S149	10	4:10	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	2	
0099.S149	90	4:11	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	2	
0100.COMP	12	4:13	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic	2	
0101.V443Her	20	4:14	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0102.V443Her	200	4:15	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0103.COMP	12	4:19	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0104.RJ105	660	4:21	18:35:02	01:46:55	300	90	3.0	#12 Symbiotic	2	
0105.COMP	12	4:33	18:35:02	01:46:55	300	90	3.0	#12 Symbiotic	2	
0106.DQSer	60	4:34	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0107.DQSer	180	4:36	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0108.DQSer	720	4:39	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0109.COMP	12	4:54	18:44:40	05:02:49	300	90	3.0	#12 Symbiotic	2	
0110.V1413Aq1	30	4:55	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic	2	
0111.V1413Aq1	300	4:56	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic	2	
0112.COMP	12	5:02	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic	2	
0113.BFCyg	1	5:03	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0114.BFCyg	10	5:04	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	

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0115.BFCyg	60	5:04	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0116.COMP	12	5:05	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0117.CHCyg	1	5:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0118.CHCyg	5	5:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0119.CHCyg	30	5:08	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0120.COMP	12	5:09	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0121.HMSge	1	5:13	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0122.HMSge	10	5:13	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0123.HMSge	60	5:14	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0124.COMP	12	5:16	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic	2	
0125.AS360	3	5:17	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0126.AS360	300	5:18	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0127.COMP	12	5:23	19:45:49	18:36:49	300	90	3.0	#12 Symbiotic	2	
0128.S169	60	5:25	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0129.S169	300	5:26	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0130.COMP	12	5:32	19:49:57	46:15:20	300	90	3.0	#12 Symbiotic	2	
0131.CICyg	1	5:33	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0132.CICyg	10	5:34	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0133.CICyg	60	5:34	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0134.COMP	12	5:36	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	

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0135.PUVu1	1	5:37	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0136.PUVu1	10	5:37	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0137.PUVu1	120	5:38	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0138.COMP	12	5:41	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	2	
0139.SN2000dn	1200	5:45	23:05:05.8	-03:12:01	300	5	3.0	#2 SN Observat	2	
0140.COMP	12	6:06	23:05:05.8	-03:12:01	300	5	3.0	#2 SN Observat	2	
0141-0150.FLAT	20	6:18	23:05:05.8	-03:12:01	600	90	3.0	#2 SN Observat	2	
0151.BDp284211	60	6:21	21:51:11.0	+28:51:50	600	90	3.0	#56 Photometri	2	
0152.COMP	10	6:23	21:51:11.0	+28:51:50	600	90	3.0	#56 Photometri	2	
0153.N7611	900	6:28	23:19:38.0	8:03:25	600	90	3.0	#70f Elliptica	2	
0154.COMP	10	6:44	23:19:38.0	8:03:25	600	90	3.0	#70f Elliptica	2	
0155.N7671	900	6:45	23:27:19.3	12:28:5	600	90	3.0	#70f Elliptica	2	
0156.COMP	10	7:01	23:27:19.3	12:28:5	600	90	3.0	#70f Elliptica	2	
0157.N7698	1020	7:05	23:34:1.6	24:56:40	600	79	3.0	#70f Elliptica	2	Rotate
0158.COMP	10	7:22	23:34:1.6	24:56:40	600	79	3.0	#70f Elliptica	2	to isolate
0159.N380	900	7:24	1:07:18.0	32:29:02	600	90	3.0	#70f Elliptica	2	
0160.COMP	10	7:43	1:07:18.0	32:29:02	600	90	3.0	#70f Elliptica	2	
0161.N474	900	7:45	1:20:06.7	3:25:00	600	90	3.0	#70f Elliptica	2	
0162.COMP	10	8:00	1:20:06.7	3:25:00	600	90	3.0	#70f Elliptica	2	
0163.N656	1020	8:02	1:42:27.5	26:08:36	600	90	3.0	#70f Elliptica	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>
0164.COMP	10	8:19	1:42:27.5	26:08:36	600	90	3.0	#70f Elliptica	2	
0165.N770	1020	8:21	1:59:13.1	18:57:18	600	90	3.0	#70f Elliptica	2	
0166.COMP	10	8:38	1:59:13.1	18:57:18	600	90	3.0	#70f Elliptica	2	
0167.N821	900	8:39	2:08:20.9	10:59:44	600	90	3.0	#70f Elliptica	2	
0168.COMP	10	8:55	2:08:20.9	10:59:44	600	90	3.0	#70f Elliptica	2	
0169.N1026	1200	8:56	2:39:19.1	6:32:38	600	90	3.0	#70f Elliptica	2	
0170.COMP	10	9:16	2:39:19.1	6:32:38	600	90	3.0	#70f Elliptica	2	
0171.Feige25	120	9:18	02:38:37.7	+05:28:11	600	90	3.0	#56 Photometri	2	
0172.COMP	10	9:21	02:38:37.7	+05:28:11	600	90	3.0	#56 Photometri	2	
0173.SN2000dp	1200	9:27	02:52:44.4	-14:31:54	300	3	3.0	#2 SN Observat	2	
0174.COMP	12	9:48	02:52:44.4	-14:31:54	300	3	3.0	#2 SN Observat	2	
0175.a496_235	720	10:04	04:20:39.7	-11:48:15	300	90	3.0	#64 Cluster In	2	
0176.COMP	12	10:17	04:20:39.7	-11:48:15	300	90	3.0	#64 Cluster In	2	
0177.a496_236	480	10:18	04:17:36.4	-10:43:22	300	90	3.0	#64 Cluster In	2	
0178.COMP	12	10:26	04:17:36.4	-10:43:22	300	90	3.0	#64 Cluster In	2	
0179.a496_237	240	10:27	04:45:24.8	-16:04:09	300	90	3.0	#64 Cluster In	2	
0180.COMP	12	10:32	04:45:24.8	-16:04:09	300	90	3.0	#64 Cluster In	2	
0181.a496_238	210	10:33	04:47:19.9	-12:42:02	300	90	3.0	#64 Cluster In	2	
0182.COMP	12	10:37	04:47:19.9	-12:42:02	300	90	3.0	#64 Cluster In	2	
0183.a496_239	720	10:38	04:40:00.7	-11:59:12	300	90	3.0	#64 Cluster In	2	

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0184.COMP	12	10:51	04:40:00.7	-11:59:12	300	90	3.0	#64 Cluster In	2	
0185.a496_240	480	10:52	04:37:13.7	-11:46:32	300	90	3.0	#64 Cluster In	2	
0186.COMP	12	11:00	04:37:13.7	-11:46:32	300	90	3.0	#64 Cluster In	2	
0187.a496_241	780	11:02	04:36:03.5	-16:56:04	300	90	3.0	#64 Cluster In	2	
0188.COMP	12	11:16	04:36:03.5	-16:56:04	300	90	3.0	#64 Cluster In	2	
0189.a496_242	600	11:17	04:28:36.9	-15:00:02	300	90	3.0	#64 Cluster In	2	
0190.COMP	12	11:27	04:28:36.9	-15:00:02	300	90	3.0	#64 Cluster In	2	
0191.a496_243	300	11:28	04:35:09.4	-12:59:32	300	90	3.0	#64 Cluster In	2	
0192.COMP	12	11:34	04:35:09.4	-12:59:32	300	90	3.0	#64 Cluster In	2	
0193.a496_244	1080	11:35	04:49:49.5	-13:45:26	300	90	3.0	#64 Cluster In	2	Row=81
0194.COMP	12	11:54	04:49:49.5	-13:45:26	300	90	3.0	#64 Cluster In	2	
0195.a496_245	240	11:55	04:37:43.1	-11:47:56	300	90	3.0	#64 Cluster In	2	
0196.COMP	12	11:59	04:37:43.1	-11:47:56	300	90	3.0	#64 Cluster In	2	
0197.a496_246	300	12:00	04:42:01.8	-09:46:06	300	90	3.0	#64 Cluster In	2	
0198.COMP	12	12:06	04:42:01.8	-09:46:06	300	90	3.0	#64 Cluster In	2	
0199.a496_248	270	12:07	04:51:55.8	-14:30:27	300	90	3.0	#64 Cluster In	2	
0200.COMP	12	12:12	04:51:55.8	-14:30:27	300	90	3.0	#64 Cluster In	2	
0201.a496_249	270	12:13	04:22:50.9	-15:40:18	300	90	3.0	#64 Cluster In	2	
0202.COMP	12	12:18	04:22:50.9	-15:40:18	300	90	3.0	#64 Cluster In	2	
0203.a496_250	210	12:19	04:48:18.8	-15:43:31	300	90	3.0	#64 Cluster In	2	

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0204.COMP	12	12:23	04:48:18.8	-15:43:31	300	90	3.0	#64 Cluster In	2	
0205.Hiltner600	45	12:33	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0206.COMP	5	12:34	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	4	
0207.Hiltner600	45	12:35	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0208.COMP	12	12:36	06:45:12.0	+02:06:00	300	90	3.0	#56 Photometri	2	
0209.HD52971	2	12:37	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0210.COMP	12	12:38	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0211.HD52971	2	12:39	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0212.COMP	5	12:39	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0213-0217.sky	2	13:06	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0218.COMP	5	13:06	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0219-0228.BIAS	0	13:10	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0229-0238.FLAT	6	13:14	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0239-0248.BIAS	0	13:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0249-0258.FLAT	12	13:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0259-0268.DARK	900	15:43	06:57:51	+27:13:42	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.DARK	900	0:39	19:17:43.0	31:30:05	300	90	3.0	none	4	
0002-0004.DARK	900	1:24	20:03:16.0	31:30:04	300	90	3.0	none	4	
0005.DARK	900	1:40	20:18:23.0	31:30:03	300	90	3.0	none	4	
0006-0015.BIAS	0	1:59	20:22:47.0	31:30:03	300	90	3.0	none	4	
0016-0025.FLAT	6	2:02	20:25:55.0	31:30:03	300	90	3.0	none	4	
0026-0035.BIAS	0	2:05	20:28:26.0	31:30:03	300	90	3.0	none	2	
0036-0045.FLAT	12	2:12	20:36:07.0	31:30:03	300	90	3.0	none	2	
0046.BDp284211	30	2:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	terrible
0047.BDp284211	30	2:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	seeing
0048.COMP	5	2:36	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.BDp284211	30	2:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0050.BDp284211	30	2:39	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0051.COMP	12	2:40	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0052.BDp284211	30	2:41	21:51:11.0	+28:51:50	300	109	3.0	#56 Photometri	2	
0053.BDp284211	30	2:42	21:51:11.0	+28:51:50	300	109	3.0	#56 Photometri	2	
0054.COMP	12	2:43	21:51:11.0	+28:51:50	300	109	3.0	#56 Photometri	2	
0055.N7331	180	2:45	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:49	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0057.224954p00500_b	900	2:57	22:52:12.6	01:03:43	300	90	3.0	#113 Galaxy In	2	thru clouds
0058.224954p00500_b	900	3:12	22:52:12.6	01:03:43	300	90	3.0	#113 Galaxy In	2	



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0059.COMP	12	3:28	22:52:12.6	01:03:43	300	90	3.0	#113 Galaxy In	2	
0060.231106m02000_b	900	3:29	23:13:34.6	-01:44:04	300	90	3.0	#113 Galaxy In	2	
0061.231106m02000_b	900	3:44	23:13:34.6	-01:44:04	300	90	3.0	#113 Galaxy In	2	
0062.COMP	12	4:00	23:13:34.6	-01:44:04	300	90	3.0	#113 Galaxy In	2	
0063.231342p15340_b	1200	4:01	23:16:23.6	15:51:37	300	90	3.0	#113 Galaxy In	2	
0064.COMP	12	4:22	23:16:23.6	15:51:37	300	90	3.0	#113 Galaxy In	2	
0065.231824p25370_a	720	4:25	23:20:54.9	25:53:54	300	90	3.0	#113 Galaxy In	2	clouds moving in
0066.COMP	12	4:39	23:20:54.9	25:53:54	300	90	3.0	#113 Galaxy In	2	
0067.231824p25370_b	1200	4:40	23:21:06.2	25:51:37	300	90	3.0	#113 Galaxy In	2	
0068.COMP	12	5:00	23:21:06.2	25:51:37	300	90	3.0	#113 Galaxy In	2	
0069.232018p11430_b	1200	5:02	23:22:43.9	12:01:02	300	90	3.0	#113 Galaxy In	2	
0070.COMP	12	5:22	23:22:43.9	12:01:02	300	90	3.0	#113 Galaxy In	2	
0071.232600p17000_b	1200	5:23	23:28:36.6	17:16:16	300	90	3.0	#113 Galaxy In	2	
0072.COMP	12	5:44	23:28:36.6	17:16:16	300	90	3.0	#113 Galaxy In	2	working thru holes
0073.233100m02150_a	1200	5:45	23:33:28.8	-01:58:59	300	90	3.0	#113 Galaxy In	2	
0074.COMP	12	6:06	23:33:28.8	-01:58:59	300	90	3.0	#113 Galaxy In	2	
0075.022055p570919	300	6:11	02:20:55.6	+57:09:19	300	90	3.0	#83 h/chi Pers	2	clouds getting thicker
0076.COMP	12	6:17	02:20:55.6	+57:09:19	300	90	3.0	#83 h/chi Pers	2	
0077.022056p570141	420	6:18	02:20:56.9	+57:01:41	300	90	3.0	#83 h/chi Pers	2	
0078.COMP	12	6:26	02:20:56.9	+57:01:41	300	90	3.0	#83 h/chi Pers	2	

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0079.022056p571520	480	6:27	02:20:56.7	+57:15:20	300	90	3.0	#83 h/chi Pers	2	
0080.COMP	12	6:36	02:20:56.7	+57:15:20	300	90	3.0	#83 h/chi Pers	2	
0081.022057p570827	210	6:37	02:20:57.3	+57:08:27	300	90	3.0	#83 h/chi Pers	2	
0082.COMP	12	6:41	02:20:57.3	+57:08:27	300	90	3.0	#83 h/chi Pers	2	
0083.022057p571219	210	6:42	02:20:57.8	+57:12:19	300	90	3.0	#83 h/chi Pers	2	
0084.COMP	12	6:46	02:20:57.8	+57:12:19	300	90	3.0	#83 h/chi Pers	2	
0085.022057p571830	90	6:47	02:20:57.6	+57:18:30	300	90	3.0	#83 h/chi Pers	2	
0086.COMP	12	6:49	02:20:57.6	+57:18:30	300	90	3.0	#83 h/chi Pers	2	
0087.022058p570043	45	6:50	02:20:58.9	+57:00:43	300	90	3.0	#83 h/chi Pers	2	
0088.COMP	12	6:51	02:20:58.9	+57:00:43	300	90	3.0	#83 h/chi Pers	2	
0089.022058p570158	90	6:52	02:20:58.8	+57:01:58	300	90	3.0	#83 h/chi Pers	2	
0090.COMP	12	6:54	02:20:58.8	+57:01:58	300	90	3.0	#83 h/chi Pers	2	
0091.022058p570617	90	6:55	02:20:58.9	+57:06:17	300	90	3.0	#83 h/chi Pers	2	
0092.COMP	12	6:57	02:20:58.9	+57:06:17	300	90	3.0	#83 h/chi Pers	2	
0093.022059p570931	1	6:58	02:20:59.5	+57:09:31	300	90	3.0	#83 h/chi Pers	2	
0094.COMP	12	6:58	02:20:59.5	+57:09:31	300	90	3.0	#83 h/chi Pers	2	
0095.022100p570146	300	6:59	02:21:00.8	+57:01:46	300	90	3.0	#83 h/chi Pers	2	
0096.COMP	12	7:05	02:21:00.8	+57:01:46	300	90	3.0	#83 h/chi Pers	2	
0097.022100p570212	240	8:44	02:21:00.3	+57:02:12	300	90	3.0	#83 h/chi Pers	2	
0098.COMP	12	8:48	02:21:00.3	+57:02:12	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.022100p571542	120	8:50	02:21:00.4	+57:15:42	300	90	3.0	#83 h/chi Pers	2	
0100.COMP	12	8:52	02:21:00.4	+57:15:42	300	90	3.0	#83 h/chi Pers	2	
0101.022101p565944	240	8:53	02:21:01.1	+56:59:44	300	90	3.0	#83 h/chi Pers	2	
0102.COMP	12	8:57	02:21:01.1	+56:59:44	300	90	3.0	#83 h/chi Pers	2	
0103.022101p571113	240	8:58	02:21:01.2	+57:11:13	300	90	3.0	#83 h/chi Pers	2	
0104.COMP	12	9:03	02:21:01.2	+57:11:13	300	90	3.0	#83 h/chi Pers	2	
0105.022102p571247	120	9:04	02:21:02.7	+57:12:47	300	90	3.0	#83 h/chi Pers	2	
0106.COMP	12	9:07	02:21:02.7	+57:12:47	300	90	3.0	#83 h/chi Pers	2	
0107.022103p572051	180	9:08	02:21:03.9	+57:20:51	300	90	3.0	#83 h/chi Pers	2	
0108.COMP	12	9:11	02:21:03.9	+57:20:51	300	90	3.0	#83 h/chi Pers	2	
0109.022106p565801	300	9:15	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	2	
0110.COMP	12	9:21	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	2	wait out clouds
0111.BIAS	0	12:28	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	4	clouds thick
0112.BIAS	0	12:28	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	4	until sunrise
0113-0120.BIAS	0	12:29	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	4	
0121-0130.FLAT	6	12:33	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	4	
0131-0140.BIAS	0	12:42	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	2	
0141-0150.FLAT	12	12:47	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	2	
0151-0160.DARK	900	15:07	02:21:07.0	+56:58:01	300	90	3.0	#83 h/chi Pers	2	

UT Date 2000-10-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	0:40	19:22:56.0	31:30:05	300	90	3.0	none	4	
0003-0004.DARK	900	1:11	19:53:18.0	31:30:04	300	90	3.0	none	4	
0005-0008.DARK	900	2:11	20:53:58.0	31:30:03	300	90	3.0	none	4	
0009-0010.DARK	900	2:41	21:24:15.0	31:30:02	300	90	3.0	none	4	
0011-0020.BIAS	0	3:08	21:36:06.0	31:30:02	300	90	3.0	none	4	
0021-0030.FLAT	6	3:16	21:44:04.0	31:30:03	300	90	3.0	none	4	
0031-0040.BIAS	0	4:04	22:31:47.0	31:30:03	300	90	3.0	none	2	
0041.FLAT	12	4:06	22:34:23.0	31:30:03	300	90	3.0	none	2	overcast
0042.FLAT	12	4:06	22:34:49.0	31:30:03	300	90	3.0	none	2	hole?
0043-0050.FLAT	12	4:10	22:38:22.0	31:30:03	300	90	3.0	none	2	
0051.BDp284211	45	5:03	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0052.BDp284211	45	5:04	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0053.COMP	5	5:06	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0054.BDp284211	45	5:07	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0055.BDp284211	45	5:08	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0056.COMP	12	5:10	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0057.BDp284211	45	5:10	21:51:11.0	+28:51:50	300	76	3.0	#56 Photometri	2	
0058.BDp284211	45	5:11	21:51:11.0	+28:51:50	300	76	3.0	#56 Photometri	2	
0059.COMP	12	5:13	21:51:11.0	+28:51:50	300	76	3.0	#56 Photometri	2	
0060.N7331	180	5:14	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

UT Date 2000-10-19 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>
0061.COMP	12	5:18	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0062.1ES2344+514	300	5:20	23:47:04.6	51:42:18	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	5:25	23:47:04.6	51:42:18	300	90	3.0	#6 AGN Monitor	2	
0064.srgb090.018	1200	5:28	01:03:49.0	+31:11:50	300	90	3.0	#59 X-Ray Grou	2	
0065.COMP	12	5:49	01:03:49.0	+31:11:50	300	90	3.0	#59 X-Ray Grou	2	
0066.srgb090.025	780	5:51	01:05:07.2	+31:43:43	300	90	3.0	#59 X-Ray Grou	2	
0067.COMP	12	6:04	01:05:07.2	+31:43:43	300	90	3.0	#59 X-Ray Grou	2	
0068.srgb090.026	420	6:05	01:05:07.2	+33:11:20	300	90	3.0	#59 X-Ray Grou	2	
0069.COMP	12	6:13	01:05:07.2	+33:11:20	300	90	3.0	#59 X-Ray Grou	2	
0070.srgb090.027	360	6:14	01:05:11.0	+32:27:14	300	90	3.0	#59 X-Ray Grou	2	
0071.COMP	12	6:20	01:05:11.0	+32:27:14	300	90	3.0	#59 X-Ray Grou	2	
0072.srgb090.028	900	6:21	01:05:18.9	+33:36:10	300	90	3.0	#59 X-Ray Grou	2	
0073.COMP	12	6:37	01:05:18.9	+33:36:10	300	90	3.0	#59 X-Ray Grou	2	
0074.srgb090.029	1020	6:38	01:05:19.1	+31:40:53	300	90	3.0	#59 X-Ray Grou	2	
0075.COMP	12	6:56	01:05:19.1	+31:40:53	300	90	3.0	#59 X-Ray Grou	2	
0076.233100m02150_b	1200	7:00	23:33:26.1	-01:57:59	300	90	3.0	#113 Galaxy In	2	clouds moving thru
0077.COMP	12	7:21	23:33:26.1	-01:57:59	300	90	3.0	#113 Galaxy In	2	
0078.233100m02150_b	1200	7:22	23:33:26.1	-01:57:59	300	90	3.0	#113 Galaxy In	2	
0079.COMP	12	7:42	23:33:26.1	-01:57:59	300	90	3.0	#113 Galaxy In	2	wait out clouds
0080.022106p565920	70	8:16	02:21:06.2	+56:59:20	300	90	3.0	#83 h/chi Pers	2	

UT Date 2000-10-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	12	8:17	02:21:06.2	+56:59:20	300	90	3.0	#83 h/chi Pers	2	
0082.022106p570004	20	8:18	02:21:06.0	+57:00:04	300	90	3.0	#83 h/chi Pers	2	
0083.COMP	12	8:19	02:21:06.0	+57:00:04	300	90	3.0	#83 h/chi Pers	2	
0084.022107p570244	60	8:20	02:21:07.7	+57:02:44	300	90	3.0	#83 h/chi Pers	2	
0085.COMP	12	8:21	02:21:07.7	+57:02:44	300	90	3.0	#83 h/chi Pers	2	
0086.022107p571223	120	8:22	02:21:07.5	+57:12:23	300	90	3.0	#83 h/chi Pers	2	
0087.COMP	12	8:25	02:21:07.5	+57:12:23	300	90	3.0	#83 h/chi Pers	2	
0088.022108p571406	180	8:26	02:21:08.4	+57:14:06	300	90	3.0	#83 h/chi Pers	2	
0089.COMP	12	8:29	02:21:08.4	+57:14:06	300	90	3.0	#83 h/chi Pers	2	
0090.022110p565930	240	8:30	02:21:11.0	+56:59:30	300	90	3.0	#83 h/chi Pers	2	
0091.COMP	12	8:35	02:21:11.0	+56:59:30	300	90	3.0	#83 h/chi Pers	2	
0092.022114p571747	240	8:36	02:21:14.2	+57:17:47	300	90	3.0	#83 h/chi Pers	2	
0093.COMP	12	8:40	02:21:14.2	+57:17:47	300	90	3.0	#83 h/chi Pers	2	
0094.022115p571536	240	8:41	02:21:15.4	+57:15:36	300	90	3.0	#83 h/chi Pers	2	
0095.COMP	12	8:46	02:21:15.4	+57:15:36	300	90	3.0	#83 h/chi Pers	2	
0096.022117p565834	180	8:47	02:21:17.6	+56:58:34	300	90	3.0	#83 h/chi Pers	2	
0097.COMP	12	8:50	02:21:17.6	+56:58:34	300	90	3.0	#83 h/chi Pers	2	
0098.022117p571816	90	8:51	02:21:17.1	+57:18:16	300	90	3.0	#83 h/chi Pers	2	
0099.COMP	12	8:53	02:21:17.1	+57:18:16	300	90	3.0	#83 h/chi Pers	2	wait out clouds
0100.022117p571824	2	9:15	02:21:17.8	+57:18:24	300	90	3.0	#83 h/chi Pers	2	

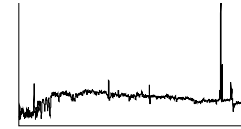
UT Date 2000-10-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<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>
0101.COMP	12	9:15	02:21:17.8	+57:18:24	300	90	3.0	#83 h/chi Pers	2	
0102.022120p571441	240	9:16	02:21:20.8	+57:14:42	300	90	3.0	#83 h/chi Pers	2	
0103.COMP	12	9:21	02:21:20.8	+57:14:42	300	90	3.0	#83 h/chi Pers	2	
0104.022121p571843	120	9:22	02:21:21.5	+57:18:43	300	90	3.0	#83 h/chi Pers	2	
0105.COMP	12	9:25	02:21:21.5	+57:18:43	300	90	3.0	#83 h/chi Pers	2	
0106.022121p572106	240	9:26	02:21:21.2	+57:21:06	300	90	3.0	#83 h/chi Pers	2	
0107.COMP	12	9:30	02:21:21.2	+57:21:06	300	90	3.0	#83 h/chi Pers	2	
0108.022122p565753	60	9:31	02:21:22.6	+56:57:53	300	90	3.0	#83 h/chi Pers	2	
0109.COMP	12	9:33	02:21:22.6	+56:57:53	300	90	3.0	#83 h/chi Pers	2	
0110.022124p571153	45	9:34	02:21:24.9	+57:11:53	300	90	3.0	#83 h/chi Pers	2	
0111.COMP	12	9:35	02:21:24.9	+57:11:53	300	90	3.0	#83 h/chi Pers	2	
0112.022124p571720	120	9:36	02:21:24.5	+57:17:20	300	90	3.0	#83 h/chi Pers	2	
0113.COMP	12	9:39	02:21:24.5	+57:17:20	300	90	3.0	#83 h/chi Pers	2	
0114.022124p571830	180	9:40	02:21:24.9	+57:18:31	300	90	3.0	#83 h/chi Pers	2	
0115.COMP	12	9:44	02:21:24.9	+57:18:31	300	90	3.0	#83 h/chi Pers	2	
0116.022125p570031	240	9:52	02:21:25.4	+57:00:31	300	90	3.0	#83 h/chi Pers	2	
0117.COMP	12	9:56	02:21:25.4	+57:00:31	300	90	3.0	#83 h/chi Pers	2	
0118.022126p571658	30	9:59	02:21:26.2	+57:16:58	300	90	3.0	#83 h/chi Pers	2	
0119.COMP	12	10:00	02:21:26.2	+57:16:58	300	90	3.0	#83 h/chi Pers	2	
0120.022127p571550	120	10:01	02:21:27.6	+57:15:50	300	90	3.0	#83 h/chi Pers	2	

UT Date 2000-10-19 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>
0121.COMP	12	10:04	02:21:27.6	+57:15:50	300	90	3.0	#83 h/chi Pers	2	
0122.022127p571811	240	10:04	02:21:27.7	+57:18:11	300	90	3.0	#83 h/chi Pers	2	
0123.COMP	12	10:09	02:21:27.7	+57:18:11	300	90	3.0	#83 h/chi Pers	2	wait out clouds
0124.vso-34980	622	10:45	5:03:33.9	1:36:18	300	90	3.0	#112 Orion_PMS	2	thru clouds
0125.COMP	12	10:56	5:03:33.9	1:36:18	300	90	3.0	#112 Orion_PMS	2	wait out clouds
0126.sn2000dt	600	11:05	6:10:54.6	62:01:27	300	17	3.0	#2 SN Observat	2	shrtn for clouds
0127.COMP	12	11:15	6:10:54.6	62:01:27	300	17	3.0	#2 SN Observat	2	wait out clouds
0128-0137.BIAS	0	12:49	6:10:54.6	62:01:27	300	17	3.0	#2 SN Observat	2	
0138-0147.FLAT	12	12:54	6:10:54.6	62:01:27	300	17	3.0	#2 SN Observat	2	
0148-0157.BIAS	0	12:57	6:10:54.6	62:01:27	300	17	3.0	#2 SN Observat	4	
0158-0167.FLAT	6	13:00	6:10:54.6	62:01:27	300	17	3.0	#2 SN Observat	4	
0168-0177.DARK	900	15:25	6:10:54.6	62:01:27	300	90	3.0	none	2	





UT Date 10/20/00 Observers P. Berlind

Coll. Focus 985 Filter none

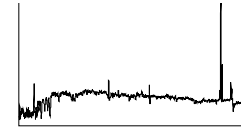
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
01.10.BIAS	0	3:58	-	-	300	90	3.0	-		
11.20.FLAT	8	4:00	-	-	300	90	3.0	-		lots and lots of rain
21.30.BIAS	0	4:05	-	-	300	90	3.0	-		
31.40.FLAT	16	4:08	-	-	300	90	3.0	-		

UT Date 10/21/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.DARK	1200	20:55	-	-	300	90	3.0	-		cloudy day
11.20.BIAS	0	0:49	-	-	300	90	3.0	-		
21.30.FLAT	8	0:51	-	-	300	90	3.0	-		
31.40.BIAS	0	0:54	-	-	300	90	3.0	-		
41.50.FLAT	16	0:58	-	-	300	90	3.0	-		
0051.2M175505.4p2857	180	1:45	17:55:05.3	+28:57:34	300	90	3.0	#68 2MASS Reds		clearing a bit...
0052.COMP	5	1:48	17:55:05.3	+28:57:34	300	90	3.0	#68 2MASS Reds		
0053.2M180147.8p2234	240	1:49	18:01:47.7	+22:34:44	300	90	3.0	#68 2MASS Reds		
0054.COMP	5	1:53	18:01:47.7	+22:34:44	300	90	3.0	#68 2MASS Reds		
0055.2M175239.5p2903	360	1:54	17:52:39.4	+29:03:32	300	90	3.0	#68 2MASS Reds		
0056.COMP	5	2:00	17:52:39.4	+29:03:32	300	90	3.0	#68 2MASS Reds		
0057.id2736	240	2:03	19:59:26.6	35:19:06	300	90	3.0	#115 PMS NGC68		
0058.id2889	300	2:08	19:58:28.2	35:11:13	300	90	3.0	#115 PMS NGC68		stopped by clouds
0059.COMP	5	2:13	19:58:28.2	35:11:13	300	90	3.0	#115 PMS NGC68		
0060.BDp284211	90	3:03	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0061.BDp284211	90	3:05	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0062.BDp284211	90	3:07	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0063.COMP	10	3:10	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		clouded out again
0064.2M224153.6p3455	540	4:32	22:41:53.7	34:56:03	300	0	3.0	#68 2MASS Reds		pa=0 to avoid sup *
0065.COMP	5	4:42	22:41:53.7	34:56:03	300	0	3.0	#68 2MASS Reds		

UT Date 10/21/00 Observers P. BerlindColl. Focus 985 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.srgb090.030	180	4:44	01:05:34.4	+32:25:43	300	90	3.0	#59 X-Ray Grou		
0067.COMP	5	4:47	01:05:34.4	+32:25:43	300	90	3.0	#59 X-Ray Grou		
0068.srgb090.031	480	4:48	01:05:34.8	+31:58:14	300	90	3.0	#59 X-Ray Grou		
0069.COMP	5	4:56	01:05:34.8	+31:58:14	300	90	3.0	#59 X-Ray Grou		
0070.srgb090.032	540	4:57	01:05:38.8	+33:23:22	300	90	3.0	#59 X-Ray Grou		
0071.COMP	5	5:06	01:05:38.8	+33:23:22	300	90	3.0	#59 X-Ray Grou		
0072.srgb090.036	360	5:09	01:05:56.2	+32:24:41	300	90	3.0	#59 X-Ray Grou		
0073.COMP	5	5:15	01:05:56.2	+32:24:41	300	90	3.0	#59 X-Ray Grou		
0074.srgb090.033	900	5:16	01:05:47.0	+31:56:45	300	90	3.0	#59 X-Ray Grou		
0075.COMP	5	5:31	01:05:47.0	+31:56:45	300	90	3.0	#59 X-Ray Grou		
0076.srgb090.042	900	5:50	01:06:44.7	+32:25:04	300	90	3.0	#59 X-Ray Grou		
0077.COMP	5	6:06	01:06:44.7	+32:25:04	300	90	3.0	#59 X-Ray Grou		
0078.srgb090.034	360	6:06	01:05:50.7	+32:23:15	300	90	3.0	#59 X-Ray Grou		
0079.COMP	5	6:13	01:05:50.7	+32:23:15	300	90	3.0	#59 X-Ray Grou		
0080.1ES2344p514	180	6:13	23:47:04.6	51:42:18	300	90	3.0	#6 AGN Monitor		
0081.COMP	5	6:18	23:47:04.6	51:42:18	300	90	3.0	#6 AGN Monitor		
0082.a119c_559	900	6:20	00:53:48.4	-2:36:42	300	90	3.0	#64 Cluster In		
0083.COMP	5	6:36	00:53:48.4	-2:36:42	300	90	3.0	#64 Cluster In		
0084.a119c_560	900	6:36	00:52:22.2	-1:03:27	300	90	3.0	#64 Cluster In		fogged out
0085.COMP	5	6:52	00:52:22.2	-1:03:27	300	90	3.0	#64 Cluster In		

UT Date 10/21/00 Observers P. BerlindColl. Focus 985 Filter none

<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>
86.95.BIAS	0	9:30	00:57:24.2	00:06:34	300	90	3.0	#6 AGN Monitor		
96.105.FLAT	8	9:33	00:57:24.2	00:06:34	300	90	3.0	#6 AGN Monitor		
106.115.BIAS	0	9:36	00:57:24.2	00:06:34	300	90	3.0	#6 AGN Monitor		
116.125.FLAT	16	9:39	00:57:24.2	00:06:34	300	90	3.0	#6 AGN Monitor		

UT Date 10/25/00 Observers Concannon & CaldwellColl. Focus 965 Filter       

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-4.DARK	1800	20:49	-	-	600	90	3.0	-		
0005-14.fastfoc	5	22:59	-	-	600	90	3.0	-		set focus to 950
0015-24.BIAS	0	23:51	-	-	600	90	3.0	-		
0025-34.FLAT	20	23:55	-	-	600	90	3.0	-		
0035.SKY	5	0:57	-	-	600	90	3.0	-		
0036-39.SKY	10	0:58	-	-	600	90	3.0	-		
0040.COMP	5	1:00	-	-	600	90	3.0	-		
0041.COMP	5	1:01	-	-	600	90	3.0	-		
0042.HD194071	3	1:09	20:22:37.4	28:14:47	600	90	3.0	#70f Elliptica	3a	Velocity Standard
0043.HD194071	15	1:10	20:22:37.4	28:14:47	600	90	3.0	#70f Elliptica	3a	Velocity Standard
0044.HD206778	2	1:13	21:44:11	09:52:30	600	90	3.0	#70f Elliptica		Velocity Standard
0045.HD206778	30	1:17	21:44:11	09:52:30	600	90	3.0	#70f Elliptica		Velocity Standard
0046.HD206778	30	1:19	21:44:11	09:52:30	600	90	3.0	#70f Elliptica		Velocity Standard
0047.COMP	5	1:26	20:10:46.8	40:07:01	600	90	3.0	#70f Elliptica		
0048.HD192281	3	1:28	20:10:46.8	40:07:01	600	0	5.0	#70f Elliptica		Flux Standard
0049.COMP	5	1:29	20:10:46.8	40:07:01	600	0	5.0	#70f Elliptica		
0050.HD192281	10	1:29	20:10:46.8	40:07:01	600	0	5.0	#70f Elliptica		Flux Standard
0051.COMP	5	1:30	20:10:46.8	40:07:01	600	0	5.0	#70f Elliptica		
0052.N7468	900	1:52	23:02:59.2	16:36:18	600	-58	3.0	#70f Elliptica		Emission Gal
0053.COMP	5	2:08	23:02:59.2	16:36:18	600	-58	3.0	#70f Elliptica		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	5	2:23	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		
0055.M32	300	2:24	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		Wrong Object
0056.COMP	5	2:29	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		
0057.M32	300	2:31	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		Wrong Object
0058.COMP	5	2:36	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		
0059.M32	300	2:37	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		Wrong Object
0060.COMP	5	2:42	00:42:41.8	40:51:51	600	-85	3.0	#70f Elliptica		
0061.COMP	5	2:57	00:40:22.0	41:41:07	600	-85	3.0	#70f Elliptica		
0062.N205	1800	2:58	00:40:22.0	41:41:07	600	-85	3.0	#70f Elliptica		
0063.COMP	5	3:28	00:40:22.0	41:41:07	600	-85	3.0	#70f Elliptica		
0064.N205	1800	3:29	00:40:22.0	41:41:07	600	-85	3.0	#70f Elliptica		
0065.COMP	5	4:00	00:40:22.0	41:41:07	600	-85	3.0	#70f Elliptica		
0066.COMP	5	4:09	23:15:39.8	06:42:30	600	-10	3.0	#70f Elliptica		
0067.N7557	1800	4:10	23:15:39.8	06:42:30	600	-10	3.0	#70f Elliptica		
0068.COMP	5	4:40	23:15:39.8	06:42:30	600	-10	3.0	#70f Elliptica		
0069.N7557	1800	4:41	23:15:39.8	06:42:30	600	-10	3.0	#70f Elliptica		
0070.COMP	5	5:12	23:15:39.8	06:42:30	600	-10	3.0	#70f Elliptica		
0071.COMP	5	5:23	02:14:03.7	27:52:37	600	-70	3.0	#70f Elliptica		
0072.N855	1800	5:25	02:14:03.7	27:52:37	600	-70	3.0	#70f Elliptica		Emission Lines
0073.COMP	5	5:55	02:14:03.7	27:52:37	600	-70	3.0	#70f Elliptica		

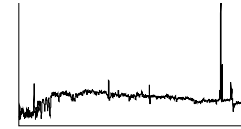
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.COMP	5	6:03	01:50:30.9	06:08:41	600	-27	3.0	#70f Elliptica		
0075.N693	900	6:04	01:50:30.9	06:08:41	600	-27	3.0	#70f Elliptica		Emission Lines
0076.COMP	5	6:19	01:50:30.9	06:08:41	600	-27	3.0	#70f Elliptica		
0077.COMP	5	6:25	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		
0078.N7648	900	6:34	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		Jim's Peg Gal in Halpha
0079.COMP	5	6:49	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		
0080.N7648	900	6:51	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		Jim's Peg Gal in Halpha
0081.COMP	5	7:07	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		
0082.N7648	900	7:07	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		Jim's Peg Gal in Halpha
0083.COMP	5	7:23	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		
0084-93.FLAT	20	7:24	23:23:54.1	09:40:02	600	90	3.0	#70f Elliptica		Halpha flats
0094.COMP	5	7:40	00:42:41.8	40:51:51	600	-75	3.0	#70f Elliptica		
0095.M32	900	7:41	00:42:41.8	40:51:51	600	-75	3.0	#70f Elliptica		
0096.COMP	5	7:57	00:42:41.8	40:51:51	600	-75	3.0	#70f Elliptica		
0097.N448	1800	8:05	01:15:16.6	-01:37:32	600	38	3.0	#70f Elliptica		Lost object. Aborted mid-exposure
0098.N448	1800	8:37	01:15:16.6	-01:37:32	600	38	3.0	#70f Elliptica		
0099.COMP	5	9:07	01:15:16.6	-01:37:32	600	38	3.0	#70f Elliptica		
0100.COMP	5	9:11	01:38:46.8	01:04:18	600	49	3.0	#70f Elliptica		
0101.A01363p00	1800	9:12	01:38:46.8	01:04:18	600	49	3.0	#70f Elliptica		
0601.COMP	5	9:42	01:38:46.8	01:04:18	600	49	3.0	#70f Elliptica		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0602.A01363p00	1800	9:44	01:38:46.8	01:04:18	600	49	3.0	#70f Elliptica		
0603.COMP	5	10:14	01:38:46.8	01:04:18	600	49	3.0	#70f Elliptica		
0604.COMP	5	10:20	01:50:58.0	21:59:49	600	66	3.0	#70f Elliptica		
0605.N694	1800	10:21	01:50:58.0	21:59:49	600	66	3.0	#70f Elliptica		Emission Lines
0606.COMP	5	10:51	01:50:58.0	21:59:49	600	66	3.0	#70f Elliptica		
0607.COMP	5	11:05	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		
0608.HCG037E	1800	11:07	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		v. small & faint
0609.COMP	5	11:38	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		
0610.HCG037E	1800	11:39	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		
0611.COMP	5	12:11	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		
0612.HCG037E	1800	12:13	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		
0613.COMP	5	12:35	09:13:34.0	30:02:23	600	-70	3.0	#70f Elliptica		
0614.Hiltner600	240	12:42	06:45:12.0	+02:06:00	600	24	5.0			Flux Standard
0615.COMP	5	12:47	06:45:12.0	+02:06:00	600	24	5.0			
0616.HD62509	30	12:56	07:45:18.9	28:01:34	600	90	3.0	#56 Photometri		
0617.HD62509	0	12:58	07:45:18.9	28:01:34	600	90	3.0	#56 Photometri		Velocity Standard
0618.COMP	5	12:59	07:45:18.9	28:01:34	600	90	3.0	#56 Photometri		
0619.HD66141	3	13:01	8:02:15.8	2:20:04	600	90	3.0	#56 Photometri		
0620.COMP	5	13:02	8:02:15.8	2:20:04	600	90	3.0	#56 Photometri		
0621-630.BIAS	0	13:04	8:02:15.8	2:20:04	600	90	3.0	#56 Photometri		





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Coll. Focus 965 Filter       

<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>
0631.FLAT	20	13:07	8:02:15.8	2:20:04	600	90	3.0	#56 Photometri		

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	0:51	20:01:29.0	31:30:04	600	90	3.0	none	4	
0003-0005.DARK	900	1:37	20:46:58.0	31:30:03	600	90	3.0	none	4	
0006-0015.BIAS	0	1:54	20:49:00.0	31:30:03	600	90	3.0	none	4	
0016-0025.FLAT	6	2:03	20:58:54.0	31:30:02	300	90	3.0	none	4	
0026-0035.BIAS	0	2:07	21:02:02.0	31:30:02	300	90	3.0	none	2	
0036.FLAT	12	2:07	21:02:40.0	31:30:02	300	90	3.0	none	2	clouds at sunset
0037-0045.FLAT	12	2:11	21:06:36.0	31:30:02	300	90	3.0	none	2	
0046.BDp284211	45	2:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	thru clouds
0047.COMP	12	2:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0048.BDp284211	45	2:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0049.COMP	5	2:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0050.BDp284211	45	2:54	21:51:11.0	+28:51:50	300	-20	3.0	#56 Photometri	2	
0051.COMP	12	2:55	21:51:11.0	+28:51:50	300	-20	3.0	#56 Photometri	2	
0052.N7331	300	2:59	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0053.COMP	12	3:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	looking for holes
0054.2M220141.4m020553	240	3:09	22:01:41.4	-02:05:53	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	3:13	22:01:41.4	-02:05:53	300	90	3.0	#68 2MASS Reds	4	
0056.2M220348.3m022247	300	3:17	22:03:48.3	-02:22:47	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	3:22	22:03:48.3	-02:22:47	300	90	3.0	#68 2MASS Reds	4	
0058.2M230527.0m025726	120	3:24	23:05:27.0	-02:57:26	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.COMP	5	3:26	23:05:27.0	-02:57:26	300	90	3.0	#68 2MASS Reds	4	
0060.2M222904.7m011105	150	3:28	22:29:04.6	-01:11:05	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	3:31	22:29:04.6	-01:11:05	300	90	3.0	#68 2MASS Reds	4	
0062.2M225158.6p171814	180	3:32	22:51:58.6	+17:18:14	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	3:36	22:51:58.6	+17:18:14	300	90	3.0	#68 2MASS Reds	4	
0064.2M233743.3m003104	300	3:37	23:37:43.2	-00:31:04	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	3:43	23:37:43.2	-00:31:04	300	90	3.0	#68 2MASS Reds	4	
0066.2M231241.7p313843	120	3:44	23:12:41.6	+31:38:43	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	3:47	23:12:41.6	+31:38:43	300	90	3.0	#68 2MASS Reds	4	
0068.2M231555.0p363145	270	3:48	23:15:55.0	+36:31:45	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	3:55	23:15:55.0	+36:31:45	300	90	3.0	#68 2MASS Reds	4	
0070.2M231735.7p343211	300	3:56	23:17:35.6	+34:32:11	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	4:01	23:17:35.6	+34:32:11	300	90	3.0	#68 2MASS Reds	4	wait out clouds
0072.022130p571728	180	5:30	02:21:31.0	+57:17:28	300	90	3.0	#83 h/chi Pers	2	
0073.COMP	12	5:33	02:21:31.0	+57:17:28	300	90	3.0	#83 h/chi Pers	2	
0074.022133p565931	180	5:35	02:21:33.3	+56:59:31	300	90	3.0	#83 h/chi Pers	2	
0075.COMP	12	5:38	02:21:33.3	+56:59:31	300	90	3.0	#83 h/chi Pers	2	
0076.022134p565613	180	5:39	02:21:34.0	+56:56:13	300	90	3.0	#83 h/chi Pers	2	
0077.COMP	12	5:42	02:21:34.0	+56:56:13	300	90	3.0	#83 h/chi Pers	2	
0078.022135p571749	3	5:43	02:21:35.5	+57:17:49	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.COMP	12	5:44	02:21:35.5	+57:17:49	300	90	3.0	#83 h/chi Pers	2	
0080.022136p565707	150	5:45	02:21:36.5	+56:57:07	300	90	3.0	#83 h/chi Pers	2	
0081.COMP	12	5:48	02:21:36.5	+56:57:07	300	90	3.0	#83 h/chi Pers	2	
0082.022136p571914	30	5:49	02:21:36.6	+57:19:14	300	90	3.0	#83 h/chi Pers	2	
0083.COMP	12	5:50	02:21:36.6	+57:19:14	300	90	3.0	#83 h/chi Pers	2	
0084.022140p565719	240	5:51	02:21:40.2	+56:57:19	300	90	3.0	#83 h/chi Pers	2	
0085.COMP	12	5:55	02:21:40.2	+56:57:19	300	90	3.0	#83 h/chi Pers	2	
0086.022141p571609	240	5:56	02:21:41.5	+57:16:09	300	90	3.0	#83 h/chi Pers	2	
0087.COMP	12	6:01	02:21:41.5	+57:16:09	300	90	3.0	#83 h/chi Pers	2	
0088.022142p565733	480	6:02	02:21:42.2	+56:57:33	300	90	3.0	#83 h/chi Pers	2	
0089.COMP	12	6:10	02:21:42.2	+56:57:33	300	90	3.0	#83 h/chi Pers	2	
0090.022142p571832	5	6:11	02:21:42.8	+57:18:32	300	90	3.0	#83 h/chi Pers	2	
0091.COMP	12	6:12	02:21:42.8	+57:18:32	300	90	3.0	#83 h/chi Pers	2	
0092.022143p570729	7	6:13	02:21:43.2	+57:07:29	300	90	3.0	#83 h/chi Pers	2	
0093.COMP	12	6:14	02:21:43.2	+57:07:29	300	90	3.0	#83 h/chi Pers	2	
0094.022143p571823	210	6:15	02:21:43.7	+57:18:23	300	90	3.0	#83 h/chi Pers	2	
0095.COMP	12	6:19	02:21:43.7	+57:18:23	300	90	3.0	#83 h/chi Pers	2	
0096.022144p571051	90	6:19	02:21:44.3	+57:10:51	300	90	3.0	#83 h/chi Pers	2	
0097.COMP	12	6:21	02:21:44.3	+57:10:51	300	90	3.0	#83 h/chi Pers	2	
0098.022145p565750	45	6:23	02:21:45.9	+56:57:50	300	90	3.0	#83 h/chi Pers	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.COMP	12	6:24	02:21:45.9	+56:57:50	300	90	3.0	#83 h/chi Pers	2	
0100.022146p565755	45	6:26	02:21:46.0	+56:57:55	300	90	3.0	#83 h/chi Pers	2	
0101.COMP	12	6:27	02:21:46.0	+56:57:55	300	90	3.0	#83 h/chi Pers	2	
0102.003430p35380_a	1020	6:31	00:37:12.1	35:54:11	300	90	3.0	#113 Galaxy In	2	
0103.COMP	12	6:48	00:37:12.1	35:54:11	300	90	3.0	#113 Galaxy In	2	
0104.003430p35380_b	900	6:50	00:37:07.3	35:53:12	300	90	3.0	#113 Galaxy In	2	
0105.003430p35380_b	900	7:05	00:37:07.3	35:53:12	300	90	3.0	#113 Galaxy In	2	
0106.COMP	12	7:20	00:37:07.3	35:53:12	300	90	3.0	#113 Galaxy In	2	clouds again
0107.BGGem	240	8:59	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0108.COMP	12	9:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0109.BGGem	1200	9:04	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0110.COMP	12	9:25	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	wait out clouds
0111.vso34980	1200	9:46	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	10:07	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	2	wait again
0113.SN2000dt	1200	11:00	06:10:54.6	+62:01:27	300	6	3.0	#2 SN Observat	2	
0114.COMP	12	11:21	06:10:54.6	+62:01:27	300	6	3.0	#2 SN Observat	2	
0115.BGGem	240	11:23	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0116.COMP	12	11:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0117.BGGem	1020	11:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0118.COMP	12	11:46	6:03:31	27:41:50	300	90	3.0	#100 BGGem	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>
0119.BIAS	0	13:09	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	4	fog at sunrise
0120-0128.BIAS	0	13:10	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	4	
0129-0138.FLAT	6	13:14	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	4	
0139-0148.BIAS	0	13:17	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	2	
0149-0158.FLAT	12	13:24	5:03:33.9	1:36:18	300	90	3.0	#112 Orion PMS	2	
0159-0167.DARK	900	15:34	5:03:33.9	1:36:18	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
0001-0010.DARK	900	0:36	5:03:33.9	1:36:18	300	90	3.0	none	4	
0011-0020.BIAS	0	0:53	5:03:33.9	1:36:18	300	90	3.0	none	4	
0021-0030.FLAT	6	0:55	5:03:33.9	1:36:18	300	90	3.0	none	4	
0031-0040.BIAS	0	0:58	5:03:33.9	1:36:18	300	90	3.0	none	2	
0041-0050.FLAT	12	1:02	5:03:33.9	1:36:18	300	90	3.0	none	2	
0051.1ES2344p514	240	1:27	23:47:04.6	51:42:18	300	90	3.0	#6 AGN Monitor	2	early twilight
0052.COMP	12	1:31	23:47:04.6	51:42:18	300	90	3.0	#6 AGN Monitor	2	
0053.BDp284211	45	1:34	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0054.COMP	12	1:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	2	
0055.BDp284211	45	1:36	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0056.COMP	5	1:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri	4	
0057.BDp284211	45	1:43	21:51:11.0	+28:51:50	300	105	3.0	#56 Photometri	2	
0058.COMP	12	1:44	21:51:11.0	+28:51:50	300	105	3.0	#56 Photometri	2	
0059.N7331	180	1:47	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0060.COMP	12	1:50	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0061.M1m21	10	1:54	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	
0062.M1m21	300	1:54	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	row 75
0063.COMP	12	2:00	17:34:17	-19:09:24	300	90	3.0	#12 Symbiotic	2	
0064.Hen1591	35	2:02	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0065.Hen1591	150	2:03	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	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>
0066.COMP	12	2:06	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0067.V2601Sgr	30	2:07	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic	2	
0068.V2601Sgr	240	2:08	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic	2	
0069.COMP	12	2:12	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic	2	
0070.AS316	30	2:14	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0071.AS316	240	2:14	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0072.COMP	12	2:19	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0073.MWC960	10	2:20	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic	2	
0074.MWC960	100	2:21	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic	2	
0075.COMP	12	2:23	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic	2	
0076.AS327	30	2:25	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0077.AS327	300	2:26	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	2:31	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0079.FNSgr	20	2:32	18:53:55	-18:59:41	300	90	3.0	#12 Symbiotic	2	
0080.FNSgr	200	2:33	18:53:55	-18:59:41	300	90	3.0	#12 Symbiotic	2	
0081.COMP	12	2:37	18:53:55	-18:59:41	300	90	3.0	#12 Symbiotic	2	
0082.S180	30	2:41	20:39:20	-05:17:16	300	90	3.0	#12 Symbiotic	2	
0083.S180	180	2:43	20:39:20	-05:17:16	300	90	3.0	#12 Symbiotic	2	
0084.COMP	12	2:46	20:39:20	-05:17:16	300	90	3.0	#12 Symbiotic	2	
0085.V1016Cyg	0	2:48	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	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>
0086.V1016Cyg	3	2:48	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0087.V1016Cyg	60	2:49	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0088.COMP	12	2:50	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic	2	
0089.He2m467	200	2:52	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	2	
0090.He2m467	600	2:56	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	2	
0091.COMP	12	3:06	20:35:57	20:11:27	300	90	3.0	#12 Symbiotic	2	
0092.He2m468	200	3:07	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0093.He2m468	600	3:18	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0094.COMP	12	3:29	20:41:19	34:44:53	300	90	3.0	#12 Symbiotic	2	
0095.S190	1	3:37	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0096.S190	5	3:37	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0097.S190	25	3:39	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0098.COMP	12	3:40	21:41:45	02:43:54	300	90	3.0	#12 Symbiotic	2	
0099.V1329Cyg	5	3:41	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	2	
0100.V1329Cyg	120	3:42	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	2	
0101.COMP	12	3:44	20:51:01	35:34:55	300	90	3.0	#12 Symbiotic	2	
0102.V1515Cyg	120	3:45	20:23:48	42:12:24	300	90	3.0	#12 Symbiotic	2	
0103.COMP	12	3:48	20:23:48	42:12:24	300	90	3.0	#12 Symbiotic	2	
0104.V1057Cyg	90	3:49	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic	2	
0105.COMP	12	3:51	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic	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.V407Cyg	60	3:53	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	2	
0107.V407Cyg	360	3:54	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	2	
0108.COMP	12	4:01	21:02:09	45:46:33	300	90	3.0	#12 Symbiotic	2	
0109.AGPeg	1	4:02	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	2	
0110.AGPeg	10	4:03	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	2	
0111.AGPeg	30	4:03	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	2	
0112.COMP	12	4:04	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic	2	
0113.RAqr	1	4:06	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0114.RAqr	10	4:06	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0115.COMP	12	4:07	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0116.ZAnd	2	4:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0117.ZAnd	10	4:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0118.ZAnd	60	4:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0119.COMP	12	4:11	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0120.a119c_561	540	4:15	00:52:59.1	-1:47:12	300	90	3.0	#64 Cluster In	2	
0121.COMP	12	4:25	00:52:59.1	-1:47:12	300	90	3.0	#64 Cluster In	2	
0122.a119c_562	300	4:26	00:57:24.2	00:06:34	300	90	3.0	#64 Cluster In	2	
0123.COMP	12	4:31	00:57:24.2	00:06:34	300	90	3.0	#64 Cluster In	2	
0124.a119c_563	1200	4:32	00:57:52.4	-2:01:17	300	90	3.0	#64 Cluster In	2	
0125.COMP	12	4:53	00:57:52.4	-2:01:17	300	90	3.0	#64 Cluster In	2	fog coming in

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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>
0126-0135.BIAS	0	12:25	01:24:46.1	+09:30:30	300	90	3.0	#12 Symbiotic	4	
0136-0145.FLAT	6	12:29	01:24:46.1	+09:30:30	300	90	3.0	#12 Symbiotic	4	
0146-0155.BIAS	0	12:31	01:24:46.1	+09:30:30	300	90	3.0	#12 Symbiotic	2	
0156-0165.FLAT	12	12:36	01:24:46.1	+09:30:30	300	90	3.0	#12 Symbiotic	2	
0166-0175.DARK	900	15:03	01:24:46.1	+09:30:30	300	90	3.0	#12 Symbiotic	2	

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

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

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

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

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



UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
01.10.DARK	1200	19:51	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
11.20.BIAS	0	0:38	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
21.30.FLAT	8	0:40	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
31.40.BIAS	0	0:43	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
41.50.FLAT	16	0:45	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri		
51.55.sky	3	0:51	19:59:00	31:30:00	300	90	3.0	#57 Velocity S		thin clouds to W
0056.COMP	5	0:53	19:59:00	31:30:00	300	90	3.0	#57 Velocity S		
57.59.HD192281	5	1:15	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0060.COMP	5	1:16	20:12:33.1	+40:16:05	300	90	3.0	#56 Photometri		
0061.2M200605.4p1333	150	1:27	20:06:05.3	+13:33:19	300	90	3.0	#68 2MASS Reds		
0062.COMP	5	1:30	20:06:05.3	+13:33:19	300	90	3.0	#68 2MASS Reds		
0063.2M195706.1p0522	170	1:30	19:57:06.0	+05:22:43	300	90	3.0	#68 2MASS Reds		
0064.COMP	5	1:34	19:57:06.0	+05:22:43	300	90	3.0	#68 2MASS Reds		
0065.2M194158.5p0133	180	1:34	19:41:58.5	+01:33:21	300	90	3.0	#68 2MASS Reds		
0066.COMP	5	1:38	19:41:58.5	+01:33:21	300	90	3.0	#68 2MASS Reds		
0067.2M194203.8p0157	180	1:38	19:42:03.8	+01:57:40	300	90	3.0	#68 2MASS Reds		
0068.COMP	5	1:41	19:42:03.8	+01:57:40	300	90	3.0	#68 2MASS Reds		
0069.2M193660.0p0014	210	1:42	19:36:59.9	+00:14:46	300	90	3.0	#68 2MASS Reds		
0070.COMP	5	1:46	19:36:59.9	+00:14:46	300	90	3.0	#68 2MASS Reds		
0071.id1267	210	1:47	20:07:07.8	35:55:18	300	90	3.0	#115 PMS NGC68		pretty clear!

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.id1694	210	1:51	20:06:15.0	35:41:01	300	90	3.0	#115 PMS NGC68		
0073.id2515	270	1:55	20:04:14.4	35:55:27	300	90	3.0	#115 PMS NGC68		
0074.COMP	5	2:00	20:04:14.4	35:55:27	300	90	3.0	#115 PMS NGC68		
0075.id2640	210	2:00	19:59:59.6	35:21:50	300	90	3.0	#115 PMS NGC68		
0076.id1018	210	2:05	20:07:32.9	35:40:52	300	90	3.0	#115 PMS NGC68		
0077.id1190	210	2:09	20:07:17.5	35:47:45	300	90	3.0	#115 PMS NGC68		
0078.COMP	5	2:13	20:07:17.5	35:47:45	300	90	3.0	#115 PMS NGC68		
0079.id1647	240	2:13	20:06:21.1	35:56:00	300	90	3.0	#115 PMS NGC68		PMS *
0080.id2210	270	2:18	20:05:12.4	35:45:31	300	90	3.0	#115 PMS NGC68		
0081.id2220	270	2:23	20:05:11.0	35:43:25	300	90	3.0	#115 PMS NGC68		
0082.COMP	5	2:28	20:05:11.0	35:43:25	300	90	3.0	#115 PMS NGC68		
0083.id2224	270	2:29	20:05:10.7	35:55:50	300	90	3.0	#115 PMS NGC68		
0084.id2487	270	2:34	20:04:19.6	35:46:39	300	90	3.0	#115 PMS NGC68		
0085.id2734	270	2:40	19:59:27.3	35:16:43	300	90	3.0	#115 PMS NGC68		
0086.COMP	5	2:45	19:59:27.3	35:16:43	300	90	3.0	#115 PMS NGC68		
87.88.BDp284211	45	2:46	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0089.COMP	10	2:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Photometri		
0090.id2191	270	2:50	20:05:14.5	35:43:56	300	90	3.0	#115 PMS NGC68		
0091.id2317	270	2:54	20:04:53.9	35:52:53	300	90	3.0	#115 PMS NGC68		
0092.id2721	300	2:59	19:59:30.7	35:13:10	300	90	3.0	#115 PMS NGC68		

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	5	3:05	19:59:30.7	35:13:10	300	90	3.0	#115 PMS NGC68		
0094.id1050	300	3:05	20:07:29.5	35:36:20	300	90	3.0	#115 PMS NGC68		
0095.id1459	300	3:11	20:06:47.3	35:35:03	300	90	3.0	#115 PMS NGC68		
0096.id1688	300	3:16	20:06:15.3	35:40:46	300	90	3.0	#115 PMS NGC68		
0097.COMP	5	3:22	20:06:15.3	35:40:46	300	90	3.0	#115 PMS NGC68		
0098.id2226	300	3:22	20:05:10.6	35:50:21	300	90	3.0	#115 PMS NGC68		
0099.id2319	300	3:27	20:04:53.5	35:42:14	300	90	3.0	#115 PMS NGC68		
0100.id2579	300	3:33	20:04:01.3	35:36:47	300	90	3.0	#115 PMS NGC68		
0101.id2228	300	3:38	20:05:09.9	35:54:16	300	90	3.0	#115 PMS NGC68		
0102.COMP	5	3:44	20:05:09.9	35:54:16	300	90	3.0	#115 PMS NGC68		
0103.id2639	300	3:44	20:00:00.4	35:20:09	300	90	3.0	#115 PMS NGC68		
0104.id2814	300	3:50	19:58:55.5	35:09:23	300	90	3.0	#115 PMS NGC68		
0105.id2833	300	3:55	19:58:50.3	35:23:08	300	90	3.0	#115 PMS NGC68		
0106.COMP	5	4:00	19:58:50.3	35:23:08	300	90	3.0	#115 PMS NGC68		
0107.id1245	300	4:01	20:07:11.2	35:53:05	300	90	3.0	#115 PMS NGC68		
0108.id1531	300	4:07	20:06:36.4	35:39:19	300	90	3.0	#115 PMS NGC68		
0109.id2535	300	4:12	20:04:09.8	35:34:56	300	90	3.0	#115 PMS NGC68		
0110.COMP	5	4:17	20:04:09.8	35:34:56	300	90	3.0	#115 PMS NGC68		
0111.srgb037.078	660	4:19	23:33:23.5	+04:23:12	300	90	3.0	#59 X-Ray Grou		
0112.COMP	5	4:30	23:33:23.5	+04:23:12	300	90	3.0	#59 X-Ray Grou		

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.srgb037.076	720	4:31	23:33:12.7	+04:33:20	300	90	3.0	#59 X-Ray Grou		clouds in west
0114.COMP	5	4:43	23:33:12.7	+04:33:20	300	90	3.0	#59 X-Ray Grou		
0115.srgb037.075	720	4:44	23:33:11.0	+02:41:38	300	90	3.0	#59 X-Ray Grou		
0116.COMP	5	4:56	23:33:11.0	+02:41:38	300	90	3.0	#59 X-Ray Grou		
0117.srgb037.071	720	4:57	23:32:42.0	+03:41:12	300	90	3.0	#59 X-Ray Grou		
0118.COMP	5	5:09	23:32:42.0	+03:41:12	300	90	3.0	#59 X-Ray Grou		
0119.srgb037.072	720	5:10	23:32:47.0	+02:33:12	300	90	3.0	#59 X-Ray Grou		
0120.COMP	5	5:23	23:32:47.0	+02:33:12	300	90	3.0	#59 X-Ray Grou		
0121.srgb037.085	720	5:23	23:35:00.8	+02:58:38	300	90	3.0	#59 X-Ray Grou		clouds moving in
0122.COMP	5	5:36	23:35:00.8	+02:58:38	300	90	3.0	#59 X-Ray Grou		
0123.srgb037.086	720	5:36	23:35:12.1	+03:34:14	300	90	3.0	#59 X-Ray Grou		
0124.COMP	5	5:49	23:35:12.1	+03:34:14	300	90	3.0	#59 X-Ray Grou		
0125.srgb090.035	720	5:50	01:05:52.7	+32:45:38	300	90	3.0	#59 X-Ray Grou		
0126.COMP	5	6:02	01:05:52.7	+32:45:38	300	90	3.0	#59 X-Ray Grou		
0127.srgb090.037	210	6:03	01:06:07.0	+32:36:29	300	90	3.0	#59 X-Ray Grou		star; no galaxy
0128.COMP	5	6:07	01:06:07.0	+32:36:29	300	90	3.0	#59 X-Ray Grou		
0129.srgb090.038	720	6:08	01:06:09.9	+31:24:19	300	90	3.0	#59 X-Ray Grou		
0130.COMP	5	6:20	01:06:09.9	+31:24:19	300	90	3.0	#59 X-Ray Grou		
0131.srgb090.039	720	6:21	01:06:24.6	+33:36:12	300	90	3.0	#59 X-Ray Grou		
0132.COMP	5	6:33	01:06:24.6	+33:36:12	300	90	3.0	#59 X-Ray Grou		

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.srgb090.040	420	6:33	01:06:24.8	+33:46:10	300	90	3.0	#59 X-Ray Grou		
0134.COMP	5	6:41	01:06:24.8	+33:46:10	300	90	3.0	#59 X-Ray Grou		
0135.srgb090.041	600	6:41	01:06:37.3	+33:36:23	300	90	3.0	#59 X-Ray Grou		
0136.COMP	5	6:52	01:06:37.3	+33:36:23	300	90	3.0	#59 X-Ray Grou		
0137.srgb090.043	600	6:52	01:06:46.0	+33:13:51	300	90	3.0	#59 X-Ray Grou		
0138.COMP	5	7:03	01:06:46.0	+33:13:51	300	90	3.0	#59 X-Ray Grou		
0139.srgb090.044	480	7:03	01:06:51.6	+32:42:01	300	90	3.0	#59 X-Ray Grou		
0140.COMP	5	7:11	01:06:51.6	+32:42:01	300	90	3.0	#59 X-Ray Grou		
0141.srgb090.054	900	7:12	01:07:09.0	+33:18:35	300	90	3.0	#59 X-Ray Grou		
0142.COMP	5	7:27	01:07:09.0	+33:18:35	300	90	3.0	#59 X-Ray Grou		
0143.srgb090.053	100	7:28	01:07:06.1	+32:47:38	300	90	3.0	#59 X-Ray Grou		
0144.COMP	5	7:30	01:07:06.1	+32:47:38	300	90	3.0	#59 X-Ray Grou		
0145.srgb090.055	100	7:30	01:07:15.8	+32:31:11	300	90	3.0	#59 X-Ray Grou		
0146.COMP	5	7:32	01:07:15.8	+32:31:11	300	90	3.0	#59 X-Ray Grou		
0147.srgb090.057	100	7:33	01:07:17.8	+32:28:56	300	90	3.0	#59 X-Ray Grou		
0148.COMP	5	7:35	01:07:17.8	+32:28:56	300	90	3.0	#59 X-Ray Grou		
0149.srgb090.060	120	7:35	01:07:24.1	+32:24:11	300	90	3.0	#59 X-Ray Grou		
0150.srgb090.062	120	7:38	01:07:25.2	+32:24:43	300	90	3.0	#59 X-Ray Grou		
0151.COMP	5	7:40	01:07:25.2	+32:24:43	300	90	3.0	#59 X-Ray Grou		
0152.srgb090.061	90	7:40	01:07:25.2	+32:17:32	300	90	3.0	#59 X-Ray Grou		

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0153.srgb090.063	120	7:42	01:07:27.2	+32:19:09	300	90	3.0	#59 X-Ray Grou		
0154.COMP	5	7:45	01:07:27.2	+32:19:09	300	90	3.0	#59 X-Ray Grou		
0155.srgb090.064	150	7:45	01:07:31.5	+32:21:39	300	90	3.0	#59 X-Ray Grou		
0156.COMP	5	7:48	01:07:31.5	+32:21:39	300	90	3.0	#59 X-Ray Grou		
157.158.BGGem	180	7:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0159.COMP	10	8:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0160.2M025400.1p3625	150	8:10	02:54:00.0	+36:25:52	300	90	3.0	#68 2MASS Reds		
0161.COMP	5	8:13	02:54:00.0	+36:25:52	300	90	3.0	#68 2MASS Reds		
0162.022149p565636	210	8:13	02:21:49.8	+56:56:36	300	90	3.0	#83 h/chi Pers		
0163.022149p570821	180	8:17	02:21:49.6	+57:08:21	300	90	3.0	#83 h/chi Pers		
0164.COMP	5	8:21	02:21:49.6	+57:08:21	300	90	3.0	#83 h/chi Pers		
0165.022150p565758	360	8:21	02:21:50.1	+56:57:58	300	90	3.0	#83 h/chi Pers		
166.167.022153p570955	25	8:28	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers		Be *
0168.COMP	5	8:29	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers		
0169.022155p570555	25	8:30	02:21:55.4	+57:05:55	300	90	3.0	#83 h/chi Pers		
0170.022157p572024	25	8:31	02:21:57.1	+57:20:24	300	90	3.0	#83 h/chi Pers		
0171.COMP	5	8:32	02:21:57.1	+57:20:24	300	90	3.0	#83 h/chi Pers		
0172.022158p565636	210	8:33	02:21:58.2	+56:56:37	300	90	3.0	#83 h/chi Pers		
0173.022159p565636	25	8:37	02:21:59.2	+56:56:36	300	90	3.0	#83 h/chi Pers		
0174.COMP	5	8:38	02:21:59.2	+56:56:36	300	90	3.0	#83 h/chi Pers		

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0175.022159p571931	180	8:39	02:21:59.9	+57:19:31	300	90	3.0	#83 h/chi Pers		
0176.022200p565615	270	8:42	02:22:00.2	+56:56:15	300	90	3.0	#83 h/chi Pers		
0177.COMP	5	8:47	02:22:00.2	+56:56:15	300	90	3.0	#83 h/chi Pers		
0178.022200p565812	360	8:48	02:22:00.5	+56:58:12	300	90	3.0	#83 h/chi Pers		
0179.022200p570812	10	8:55	02:22:00.7	+57:08:12	300	90	3.0	#83 h/chi Pers		
0180.COMP	5	8:55	02:22:00.7	+57:08:12	300	90	3.0	#83 h/chi Pers		
0181.022200p570820	360	8:56	02:22:00.4	+57:08:20	300	90	3.0	#83 h/chi Pers		
0182.022200p570934	30	9:04	02:22:00.8	+57:09:34	300	90	3.0	#83 h/chi Pers		
0183.COMP	5	9:05	02:22:00.8	+57:09:34	300	90	3.0	#83 h/chi Pers		
0184.022202p570822	20	9:05	02:22:02.7	+57:08:22	300	90	3.0	#83 h/chi Pers		
0185.022201p571810	300	9:06	02:22:01.0	+57:18:10	300	90	3.0	#83 h/chi Pers		
0186.COMP	5	9:12	02:22:01.0	+57:18:10	300	90	3.0	#83 h/chi Pers		
0187.022202p570917	30	9:12	02:22:02.6	+57:09:17	300	90	3.0	#83 h/chi Pers		
0188.022204p571036	20	9:13	02:22:04.5	+57:10:36	300	90	3.0	#83 h/chi Pers		
0189.COMP	5	9:14	02:22:04.5	+57:10:36	300	90	3.0	#83 h/chi Pers		
190.191.022206p570523	10	9:15	02:22:06.6	+57:05:23	300	90	3.0	#83 h/chi Pers		Be *
0192.022208p571839	300	9:18	02:22:08.1	+57:18:40	300	90	3.0	#83 h/chi Pers		
0193.COMP	5	9:23	02:22:08.1	+57:18:40	300	90	3.0	#83 h/chi Pers		
0194.022209p565629	240	9:24	02:22:10.0	+56:56:29	300	90	3.0	#83 h/chi Pers		
0195.022209p570658	10	9:29	02:22:09.5	+57:06:58	300	90	3.0	#83 h/chi Pers		

UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0196.COMP	5	9:30	02:22:09.5	+57:06:58	300	90	3.0	#83 h/chi Pers		
0197.022213p571922	30	9:30	02:22:13.8	+57:19:22	300	90	3.0	#83 h/chi Pers		
0198.022215p571659	210	9:31	02:22:15.6	+57:16:59	300	90	3.0	#83 h/chi Pers		
0199.COMP	5	9:35	02:22:15.6	+57:16:59	300	90	3.0	#83 h/chi Pers		
0200.022217p570723	10	9:35	02:22:17.5	+57:07:23	300	90	3.0	#83 h/chi Pers		
0201.022218p571150	30	9:36	02:22:18.5	+57:11:50	300	90	3.0	#83 h/chi Pers		clouds increasing...
0202.COMP	5	9:37	02:22:18.5	+57:11:50	300	90	3.0	#83 h/chi Pers		
0203.022221p571945	210	9:38	02:22:21.6	+57:19:45	300	90	3.0	#83 h/chi Pers		
0204.022222p571706	10	9:42	02:22:22.6	+57:17:06	300	90	3.0	#83 h/chi Pers		
0205.COMP	5	9:42	02:22:22.6	+57:17:06	300	90	3.0	#83 h/chi Pers		
0206.022226p570652	360	9:43	02:22:26.0	+57:06:52	300	90	3.0	#83 h/chi Pers		
0207.022228p565738	360	9:50	02:22:28.7	+56:57:38	300	90	3.0	#83 h/chi Pers		
0208.COMP	5	9:56	02:22:28.7	+56:57:38	300	90	3.0	#83 h/chi Pers		
209.210.BGGem	900	10:00	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0211.COMP	10	10:17	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0212.a496_266	720	10:19	04:21:32.3	-13:22:49	300	90	3.0	#64 Cluster In		
0213.COMP	5	10:31	04:21:32.3	-13:22:49	300	90	3.0	#64 Cluster In		
0214.a496_267	600	10:33	04:24:53.1	-09:48:31	300	90	3.0	#64 Cluster In		
0215.COMP	5	10:43	04:24:53.1	-09:48:31	300	90	3.0	#64 Cluster In		
0216.a496_268	720	10:44	04:36:17.4	-15:53:24	300	90	3.0	#64 Cluster In		stopped by clouds



UT Date 10/30/00 Observers P. BerlindColl. Focus 965 Filter none

<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>
0217.COMP	5	10:56	04:36:17.4	-15:53:24	300	90	3.0	#64 Cluster In		
218.227.BIAS	0	11:03	04:37:02.8	+16:24:21	300	90	3.0	#100 BGGem		
228.237.FLAT	8	11:05	04:37:02.8	+16:24:21	300	90	3.0	#100 BGGem		
238.247.BIAS	0	11:08	04:37:02.8	+16:24:21	300	90	3.0	#100 BGGem		
248.257.FLAT	16	11:11	04:37:02.8	+16:24:21	300	90	3.0	#100 BGGem		

UT Date 2000-11-01 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:28	19:47:37.0	31:37:34	300	90	3.0	#57 Velocity S	2	
0002.DARK	900	0:34	20:08:01.0	31:37:34	600	90	2.0	none	2	
0003-0004.DARK	900	1:04	20:38:33.0	31:37:33	600	90	2.0	none	2	
0005.DARK	900	1:19	20:53:49.0	31:37:32	600	90	2.0	none	2	
0006-0015.BIAS	0	1:37	20:56:33.0	31:37:32	600	90	2.0	none	2	
0016-0025.FLAT	30	1:46	21:06:30.0	31:37:32	600	90	2.0	none	2	
0026.BDp284211	60	1:50	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0027.COMP	20	1:51	21:51:11.0	+28:51:50	600	90	2.0	#56 Photometri	2	
0028.HD185194	55	1:55	19:37:17.4	16:27:46	600	90	2.0	#88f Velocity	2	
0029.COMP	20	1:56	19:37:17.4	16:27:46	600	90	2.0	#88f Velocity	2	
0030.M32	120	1:59	00:39:57.7	40:35:26	600	90	2.0	#88f Velocity	2	
0031.M32	120	2:01	00:39:57.7	40:35:26	600	90	2.0	#88f Velocity	2	
0032.M32	120	2:03	00:39:57.7	40:35:26	600	90	2.0	#88f Velocity	2	
0033.COMP	20	2:06	00:39:57.7	40:35:26	600	90	2.0	#88f Velocity	2	
0034.MF7029	450	2:12	21:53:16.0	15:36:55	600	34	2.0	#88f Velocity	2	row=75
0035.MF7029	450	2:19	21:53:16.0	15:36:55	600	34	2.0	#88f Velocity	2	
0036.MF7029	450	2:27	21:53:16.0	15:36:55	600	34	2.0	#88f Velocity	2	
0037.COMP	12	2:37	21:53:16.0	15:36:55	600	34	2.0	#88f Velocity	2	
0038.MF7029	1020	2:40	17:50:21.0	22:57:05	600	60	2.0	#88f Velocity	2	
0039.MF7029	1020	2:58	17:50:21.0	22:57:05	600	60	2.0	#88f Velocity	2	

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0040.MF7029	1020	3:15	17:50:21.0	22:57:05	600	60	2.0	#88f Velocity	2	
0041.COMP	12	3:33	17:50:21.0	22:57:05	600	60	2.0	#88f Velocity	2	
0042.COMP	20	3:37	01:12:09.4	+12:14:38	600	60	2.0	#88f Mass Func	2	
0043.MF2177	900	3:38	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0044.MF2177	900	3:53	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0045.MF2177	900	4:09	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0046.COMP	20	4:24	01:12:09.4	+12:14:38	600	-5	2.0	#88f Mass Func	2	
0047.COMP	20	4:29	01:58:19.0	20:57:44	600	-5	2.0	#88f Mass Func	2	
0048.MF2312	1200	4:30	01:58:19.0	20:57:44	600	-45	2.0	#88f Mass Func	2	
0049.MF2312	1200	4:50	01:58:19.0	20:57:44	600	-45	2.0	#88f Mass Func	2	
0050.MF2312	1200	5:10	01:58:19.0	20:57:44	600	-45	2.0	#88f Mass Func	2	
0051.COMP	20	5:37	01:58:19.0	+20:57:44	600	-45	2.0	#88f Mass Func	2	
0052.COMP	20	5:40	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0053.MF2362	1200	5:41	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0054.MF2362	1200	6:01	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0055.MF2362	1200	6:21	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0056.COMP	20	6:49	02:11:19.3	+15:53:01	600	88	2.0	#88f Mass Func	2	
0057.HD5516	55	6:52	00:57:12.4	23:25:03	600	90	2.0	#88f Velocity	2	
0058.COMP	20	6:54	00:57:12.4	23:25:03	600	90	2.0	#88f Velocity	2	
0059.NGC0636	180	6:57	01:36:36.4	-07:45:57	600	0	2.0	#88f Velocity	2	

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0060.NGC0636	180	7:00	01:36:36.4	-07:45:57	600	0	2.0	#88f Velocity	2	
0061.COMP	20	7:03	01:36:36.4	-07:45:57	600	0	2.0	#88f Velocity	2	
0062.Feige25	150	7:05	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0063.COMP	20	7:08	02:38:37.7	+05:28:11	600	90	2.0	#56 Photometri	2	
0064.COMP	20	7:11	03:46:3.4	12:42:11	600	90	2.0	#56 Photometri	2	
0065.MF7026	1200	7:12	03:46:3.4	12:42:11	600	111	2.0	#88f Galaxy Ma	2	
0066.MF7026	1200	7:32	03:46:3.4	12:42:11	600	111	2.0	#88f Galaxy Ma	2	
0067.MF7026	1200	7:52	03:46:3.4	12:42:11	600	111	2.0	#88f Galaxy Ma	2	
0068.COMP	20	8:13	03:46:3.4	12:42:11	600	111	2.0	#88f Galaxy Ma	2	
0069.MF2502	450	8:16	02:46:24.3	+35:13:42	600	-13	2.0	#88f Mass Func	2	
0070.MF2502	450	8:24	02:46:24.3	+35:13:42	600	-13	2.0	#88f Mass Func	2	
0071.COMP	20	8:32	02:46:24.3	+35:13:42	600	-13	2.0	#88f Mass Func	2	
0072.HD222842	34	8:34	23:43:59.5	29:21:41	600	90	2.0	#88f Velocity	2	terrible seeing!
0073.COMP	20	8:35	23:43:59.5	29:21:41	600	90	2.0	#88f Velocity	2	
0074.NGC0821	150	8:39	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0075.NGC0821	150	8:42	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0076.NGC0821	150	8:45	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0077.COMP	20	8:48	02:05:40.5	10:45:32	600	24	2.0	#88f Velocity	2	
0078.COMP	20	8:53	02:59:42.2	10:34:10	600	24	2.0	#88f Mass Func	2	
0079.MF7100	1200	8:54	02:59:42.2	10:34:10	600	39	2.0	#88f Mass Func	2	

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0080.MF7100	1200	9:14	02:59:42.2	10:34:10	600	39	2.0	#88f Mass Func	2	
0081.MF7100	1200	9:34	02:59:42.2	10:34:10	600	39	2.0	#88f Mass Func	2	
0082.COMP	20	9:55	02:59:42.2	10:34:10	600	39	2.0	#88f Mass Func	2	
0083.Hiltner600	60	9:58	06:45:12.0	+02:06:00	600	90	2.0	#56 Photometri	2	
0084.COMP	20	10:00	06:45:12.0	+02:06:00	600	90	2.0	#56 Photometri	2	
0085.HD27697	34	10:01	04:22:56.1	17:32:33	600	90	2.0	#88f Velocity	2	
0086.COMP	20	10:02	04:22:56.1	17:32:33	600	90	2.0	#88f Velocity	2	
0087.COMP	20	10:07	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0088.MF7102	1200	10:08	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0089.MF7102	1200	10:28	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0090.MF7102	1200	10:48	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0091.COMP	20	11:09	04:25:3.6	3:01:46	600	40	2.0	#88f Mass Func	2	
0092.COMP	20	11:12	07:36:57.1	58:46:13	600	24	2.0	#88f Mass Func	2	
0093.MF7068	600	11:13	07:36:57.1	58:46:13	600	24	2.0	#88f Mass Func	2	
0094.MF7068	600	11:24	07:36:57.1	58:46:13	600	24	2.0	#88f Mass Func	2	
0095.MF7068	600	11:34	07:36:57.1	58:46:13	600	24	2.0	#88f Mass Func	2	
0096.COMP	20	11:44	07:36:57.1	58:46:13	600	24	2.0	#88f Mass Func	2	
0097.COMP	20	11:55	07:25:37.2	+29:57:14	600	24	2.0	#88f Mass Func	2	
0098.MF2725	600	11:56	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	
0099.MF2725	600	12:06	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	

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0100.MF2725	600	12:16	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	
0101.COMP	20	12:27	07:25:37.2	+29:57:14	600	-38	2.0	#88f Mass Func	2	
0102.NGC3031	35	12:31	09:51:27.3	69:18:08	600	-23	2.0	#88f Velocity	2	
0103.NGC3031	35	12:32	09:51:27.3	69:18:08	600	-23	2.0	#88f Velocity	2	
0104.NGC3031	35	12:33	09:51:27.3	69:18:08	600	-23	2.0	#88f Velocity	2	
0105.COMP	20	12:34	09:51:27.3	69:18:08	600	-23	2.0	#88f Velocity	2	
0106.HD34559	34	13:03	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0107.COMP	20	13:04	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0108-0112.sky	2	13:35	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0113.COMP	20	13:35	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0114-0123.BIAS	0	13:39	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0124-0133.FLAT	30	13:46	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	
0134-0143.DARK	900	16:05	05:19:16.6	22:05:47	600	90	2.0	#88f Velocity	2	