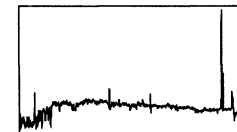
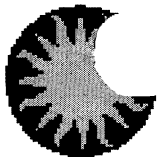
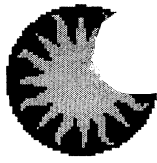
UT Date 2003-05-23 Observers P BerlindColl. Focus 820 Grating/Grism 300

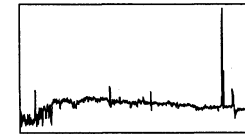
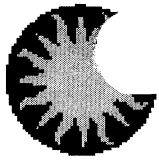
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------|
| 0001-0010.BIAS | 0 | 1:57 | 10:34:50.5 | +31:31:15 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0011-0020.FLAT | 8 | 2:01 | 10:38:19.1 | +31:31:15 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0021-0030.BIAS | 0 | 2:03 | 10:40:31.4 | +31:31:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0031-0040.FLAT | 16 | 2:09 | 10:46:28.2 | +31:31:16 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0041.sky | 2 | 2:30 | 11:00:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | lots of cirrus |
| 0042-0045.sky | 2 | 2:30 | 11:00:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0046.COMP | 5 | 2:32 | 11:00:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0047.Feige34 | 240 | 3:09 | 10:36:41.2 | 43:21:50 | 300 | 100 | 3.0 | #56 Spectropho | 2 | |
| 0048.Feige34 | 300 | 3:13 | 10:36:41.2 | 43:21:50 | 300 | 100 | 3.0 | #56 Spectropho | 2 | |
| 0049.COMP | 10 | 3:19 | 10:36:41.2 | 43:21:50 | 300 | 100 | 3.0 | #56 Spectropho | 2 | |
| 0050.N4051 | 180 | 3:24 | 12:03:09.7 | +44:31:53 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0051.N4051 | 180 | 3:27 | 12:03:09.7 | +44:31:53 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0052.COMP | 5 | 3:31 | 12:03:09.7 | +44:31:53 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0053.N4151 | 60 | 3:37 | 12:10:32.6 | +39:24:21 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0054.N4151 | 60 | 3:38 | 12:10:32.6 | +39:24:21 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0055.N4151 | 60 | 3:39 | 12:10:32.6 | +39:24:21 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0056.COMP | 5 | 3:41 | 12:10:32.6 | +39:24:21 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0057.M87 | 240 | 3:42 | 12:30:49.4 | 12:23:28 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0058.M87 | 240 | 3:46 | 12:30:49.4 | 12:23:28 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0059.COMP | 5 | 3:50 | 12:30:49.4 | 12:23:28 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |

UT Date 2003-05-23 Observers P BerlindColl. Focus 820 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0060.sn2003eh | 1200 | 3:56 | 11:08:24.3 | 03:29:47 | 300 | 36 | 3.0 | #2 SN Observat | 2 | |
| 0061.COMP | 10 | 4:17 | 11:08:24.3 | 03:29:47 | 300 | 36 | 3.0 | #2 SN Observat | 2 | |
| 0062.sn2003ej | 1200 | 4:21 | 12:39:11.1 | 00:43:30 | 300 | 12 | 3.0 | #2 SN Observat | 2 | |
| 0063.COMP | 10 | 4:42 | 12:39:11.1 | 00:43:30 | 300 | 12 | 3.0 | #2 SN Observat | 2 | |
| 0064.AMCVn | 300 | 4:49 | 12:34:54.5 | +37:37:43 | 300 | 100 | 3.0 | #144 AMCVn | 4 | |
| 0065.COMP | 5 | 4:55 | 12:34:54.5 | +37:37:43 | 300 | 100 | 3.0 | #144 AMCVn | 4 | |
| 0066.MRK279 | 240 | 4:58 | 13:51:53.6 | 69:33:13 | 300 | 10 | 3.0 | #6 AGN Monitor | 4 | |
| 0067.MRK279 | 240 | 5:02 | 13:51:53.6 | 69:33:13 | 300 | 10 | 3.0 | #6 AGN Monitor | 4 | |
| 0068.COMP | 5 | 5:06 | 13:51:53.6 | 69:33:13 | 300 | 10 | 3.0 | #6 AGN Monitor | 4 | |
| 0069.sn2003du | 1200 | 5:11 | 14:34:35.8 | 59:20:03 | 300 | 15 | 3.0 | #2 SN Observat | 2 | |
| 0070.COMP | 10 | 5:32 | 14:34:35.8 | 59:20:03 | 300 | 15 | 3.0 | #2 SN Observat | 2 | |
| 0071.N5548 | 360 | 5:39 | 14:17:59.6 | +25:08:12 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0072.N5548 | 360 | 5:45 | 14:17:59.6 | +25:08:12 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0073.COMP | 5 | 5:51 | 14:17:59.6 | +25:08:12 | 300 | 0 | 3.0 | #6 AGN Monitor | 4 | |
| 0074.FineFoc | 60 | 5:55 | 14:54:52.5 | 31:25:24 | 300 | 90 | 3.0 | #57 Velocity S | 1 | |
| 0075.N4853 | 480 | 6:01 | 12:58:35.1 | +27:35:47 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0076.COMP | 5 | 6:10 | 12:58:35.1 | +27:35:47 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0077.cairnsk3_003 | 1200 | 6:11 | 12:47:55.8 | 22:56:19 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0078.COMP | 5 | 6:32 | 12:47:55.8 | 22:56:19 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0079.cairnsk3_004 | 1200 | 6:33 | 13:10:22.3 | 32:14:8 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |

UT Date 2003-05-23 Observers P BerlindColl. Focus 820 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0080.COMP | 5 | 6:53 | 13:10:22.3 | 32:14:8 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0081.cairnsk3_005 | 720 | 6:54 | 12:58:32.2 | 26:14:37 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0082.COMP | 5 | 7:06 | 12:58:32.2 | 26:14:37 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0083.cairnsk3_006 | 600 | 7:07 | 13:3:29.3 | 25:26:22 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0084.COMP | 5 | 7:17 | 13:3:29.3 | 25:26:22 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0085.cairnsk3_007 | 900 | 7:18 | 12:42:28.7 | 26:28:54 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0086.COMP | 5 | 7:34 | 12:42:28.7 | 26:28:54 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0087.cairnsk3_012 | 360 | 7:35 | 13:19:35.3 | 25:24:39 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0088.COMP | 5 | 7:41 | 13:19:35.3 | 25:24:39 | 300 | 90 | 3.0 | #64f Cluster I | 4 | |
| 0089.sn2003ek | 1200 | 7:49 | 17:18:32.5 | 41:40:00 | 300 | 43 | 3.0 | #2 SN Observat | 2 | |
| 0090.COMP | 10 | 8:09 | 17:18:32.5 | 41:40:00 | 300 | 43 | 3.0 | #2 SN Observat | 2 | |
| 0091.BDp332642 | 120 | 8:11 | 15:50:03 | 33:05:49 | 300 | 93 | 3.0 | #56 Spectropho | 2 | |
| 0092.BDp332642 | 120 | 8:14 | 15:50:03 | 33:05:49 | 300 | 93 | 3.0 | #56 Spectropho | 2 | |
| 0093.BDp332642 | 120 | 8:16 | 15:50:03 | 33:05:49 | 300 | 93 | 3.0 | #56 Spectropho | 2 | |
| 0094.COMP | 10 | 8:19 | 15:50:03 | 33:05:49 | 300 | 93 | 3.0 | #56 Spectropho | 2 | |
| 0095.a2199k_029 | 720 | 8:20 | 16:08:26.5 | 36:24:28 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0096.COMP | 5 | 8:33 | 16:08:26.5 | 36:24:28 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0097.a2199k_030 | 900 | 8:34 | 16:23:30.3 | 35:57:41 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0098.COMP | 5 | 8:49 | 16:23:30.3 | 35:57:41 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0099.a2199k_041 | 1200 | 8:51 | 16:49:20.2 | 37:51:56 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |

UT Date 2003-05-23 Observers P BerlindColl. Focus 820 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0100.COMP | 5 | 9:11 | 16:49:20.2 | 37:51:56 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0101.a2199k_048 | 900 | 9:12 | 16:16:52.1 | 34:40:13 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0102.COMP | 5 | 9:27 | 16:16:52.1 | 34:40:13 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0103.a2199k_044 | 1200 | 9:28 | 16:07:00.3 | 36:25:09 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0104.COMP | 5 | 9:48 | 16:07:00.3 | 36:25:09 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0105.a2199k_049 | 1200 | 9:49 | 16:40:02.3 | 41:23:26 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0106.COMP | 5 | 10:10 | 16:40:02.3 | 41:23:26 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0107.a2199k_047 | 1200 | 10:13 | 16:54:10.6 | 40:48:35 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0108.COMP | 5 | 10:34 | 16:54:10.6 | 40:48:35 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0109.a2199k_072 | 720 | 10:35 | 16:31:52.2 | 34:53:28 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0110.COMP | 5 | 10:47 | 16:31:52.2 | 34:53:28 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0111.a2199k_080 | 900 | 10:48 | 16:36:54.8 | 44:00:56 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0112.COMP | 5 | 11:04 | 16:36:54.8 | 44:00:56 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0113.3C390.3 | 480 | 11:05 | 18:42:09.1 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0114.COMP | 5 | 11:14 | 18:42:09.1 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0115-0124.BIAS | 0 | 11:17 | 18:42:09.1 | 79:46:17 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0125-0134.FLAT | 8 | 11:21 | 18:42:09.1 | 79:46:17 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0135-0144.BIAS | 0 | 11:23 | 18:42:09.1 | 79:46:17 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0145-0154.FLAT | 16 | 11:29 | 18:42:09.1 | 79:46:17 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |