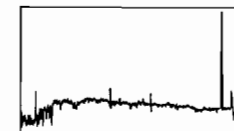
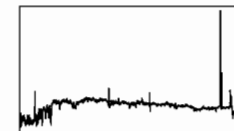
UT Date 2003-12-23 Observers P BerlindColl. Focus 1020 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------|
| 0001-0010.BIAS | 0 | 0:15 | 22:56:11.7 | +31:28:32 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0011-0016.FLAT | 8 | 0:17 | 22:58:18.7 | +31:28:32 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0017-0020.FLAT | 8 | 0:19 | 22:59:45.2 | +31:28:31 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0021-0030.BIAS | 0 | 0:21 | 23:01:56.4 | +31:28:31 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0031-0040.FLAT | 16 | 0:27 | 23:07:58.2 | +31:28:31 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0041.sky | 3 | 0:39 | 23:15:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | cirrus moving in |
| 0042-0045.sky | 3 | 0:40 | 23:15:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0046.COMP | 5 | 0:41 | 23:15:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0047.BDp174708 | 45 | 1:15 | 22:11:31.4 | 18:05:34 | 300 | 56 | 3.0 | #56 Spectropho | 2 | |
| 0048.BDp174708 | 45 | 1:16 | 22:11:31.4 | 18:05:34 | 300 | 56 | 3.0 | #56 Spectropho | 2 | |
| 0049.COMP | 10 | 1:17 | 22:11:31.4 | 18:05:34 | 300 | 56 | 3.0 | #56 Spectropho | 2 | |
| 0050.BDp284211 | 90 | 1:19 | 21:48:57.1 | 28:37:48 | 300 | 77 | 3.0 | #56 Spectropho | 2 | |
| 0051.BDp284211 | 90 | 1:20 | 21:48:57.1 | 28:37:48 | 300 | 77 | 3.0 | #56 Spectropho | 2 | |
| 0052.COMP | 10 | 1:22 | 21:48:57.1 | 28:37:48 | 300 | 77 | 3.0 | #56 Spectropho | 2 | |
| 0053.N7469 | 120 | 1:25 | 23:03:15.7 | +08:52:27 | 300 | 32 | 3.0 | #6 AGN Monitor | 4 | |
| 0054.N7469 | 120 | 1:27 | 23:03:15.7 | +08:52:27 | 300 | 32 | 3.0 | #6 AGN Monitor | 4 | |
| 0055.COMP | 5 | 1:29 | 23:03:15.7 | +08:52:27 | 300 | 32 | 3.0 | #6 AGN Monitor | 4 | |
| 0056.NGC7469 | 150 | 1:30 | 23:03:15.6 | +08:52:26 | 300 | 32 | 3.0 | #147 AGN Solut | 2 | |
| 0057.NGC7469 | 150 | 1:33 | 23:03:15.6 | +08:52:26 | 300 | 32 | 3.0 | #147 AGN Solut | 2 | |
| 0058.COMP | 10 | 1:36 | 23:03:15.6 | +08:52:26 | 300 | 32 | 3.0 | #147 AGN Solut | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------|
| 0059.NGC7603 | 360 | 1:46 | 23:18:56.6 | +00:14:38 | 300 | 27 | 3.0 | #147 AGN Solut | 2 | |
| 0060.NGC7603 | 360 | 1:52 | 23:18:56.6 | +00:14:38 | 300 | 27 | 3.0 | #147 AGN Solut | 2 | |
| 0061.COMP | 10 | 1:58 | 23:18:56.6 | +00:14:38 | 300 | 27 | 3.0 | #147 AGN Solut | 2 | |
| 0062.Akn564 | 210 | 2:01 | 22:42:39.4 | +29:43:31 | 300 | 80 | 3.0 | #6 AGN Monitor | 4 | |
| 0063.Akn564 | 210 | 2:05 | 22:42:39.4 | +29:43:31 | 300 | 80 | 3.0 | #6 AGN Monitor | 4 | |
| 0064.COMP | 5 | 2:08 | 22:42:39.4 | +29:43:31 | 300 | 80 | 3.0 | #6 AGN Monitor | 4 | |
| 0065.cairnsk4_191 | 1200 | 2:45 | 3:42:26.9 | 38:1:35 | 300 | 90 | 3.0 | #64 Cluster In | 4 | |
| 0066.COMP | 5 | 3:10 | 3:42:26.9 | 38:1:35 | 300 | 90 | 3.0 | #64 Cluster In | 4 | 50mph winds,closed |
| 0067.sn2003kf | 1800 | 9:17 | 06:04:35.4 | -12:37:42 | 300 | 35 | 3.0 | #2 SN Observat | 2 | |
| 0068.COMP | 10 | 9:48 | 06:04:35.4 | -12:37:42 | 300 | 35 | 3.0 | #2 SN Observat | 2 | |
| 0069.FineFoc | 60 | 9:52 | 08:00:04.5 | 31:35:29 | 300 | 90 | 3.0 | #2 SN Observat | 1 | |
| 0070.COMP | 10 | 9:57 | 08:00:04.5 | 31:35:29 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0071.N3227 | 240 | 10:08 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0072.N3227 | 240 | 10:12 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0073.COMP | 5 | 10:17 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0074.MRK421 | 600 | 10:19 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 an | 4 | clouds |
| 0075.MRK421 | 600 | 10:30 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 an | 4 | |
| 0076.COMP | 5 | 10:40 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 an | 4 | |
| 0077-0086.BIAS | 0 | 11:34 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0087-0096.FLAT | 8 | 11:37 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |

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| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0097-0106.BIAS | 0 | 11:39 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0107-0116.FLAT | 16 | 11:45 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0117-0126.DARK | 900 | 14:10 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0127-0136.DARK | 900 | 16:43 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |