

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

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

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

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