

UT Date 2017-11-19 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.BIAS | 0 | 00:46 | 11:53:15.5 | +15:03:49 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0011-0024.FLAT | 12 | 00:57 | 11:53:15.5 | +15:03:49 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0025-0030.FLAT | 12 | 01:35 | 22:01:46.4 | +31:30:21 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0031-0040.BIAS | 0 | 01:37 | 22:01:46.4 | +31:30:21 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0041.BDp284211 | 150 | 01:39 | 21:51:11.0 | +28:51:50 | 600 | 90 | 1.5 | #56 Spectropho | 4 | |
| 0042.COMP | 10 | 01:42 | 21:51:11.0 | +28:51:50 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0043.bb371 | 900 | 01:45 | 21:44:43.7 | -00:26:47 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0044.COMP | 10 | 02:00 | 21:44:43.7 | -00:26:47 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0045.bb374 | 189 | 02:02 | 21:46:46.0 | +00:42:42 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0046.COMP | 10 | 02:05 | 21:46:46.0 | +00:42:42 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0047.bb379 | 420 | 02:07 | 21:51:52.8 | -15:24:17 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0048.COMP | 10 | 02:14 | 21:51:52.8 | -15:24:17 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0049.bb383 | 1080 | 02:16 | 21:53:28.0 | -12:18:54 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0050.COMP | 10 | 02:35 | 21:53:28.0 | -12:18:54 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0051.bb398 | 60 | 02:37 | 22:04:25.5 | -10:10:52 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0052.COMP | 10 | 02:39 | 22:04:25.5 | -10:10:52 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0053.bb386 | 120 | 02:40 | 21:57:30.5 | -24:57:21 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0054.COMP | 10 | 02:42 | 21:57:30.5 | -24:57:21 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0055.bb388 | 660 | 02:43 | 21:58:49.8 | -24:27:03 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0056.COMP | 10 | 02:55 | 21:58:49.8 | -24:27:03 | 600 | 90 | 1.5 | 0 Calibration | 4 | |

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|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---------------------------|
| 0057.bb389 | 60 | 02:56 | 21:58:54.1 | -11:23:06 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0058.COMP | 10 | 02:57 | 21:58:54.1 | -11:23:06 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0059.bb392 | 600 | 02:59 | 22:00:43.2 | +00:10:21 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0060.COMP | 10 | 03:10 | 22:00:43.2 | +00:10:21 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0061.bb397 | 1020 | 03:11 | 22:03:58.1 | -12:42:43 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0062.COMP | 10 | 03:29 | 22:03:58.1 | -12:42:43 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0063.bb400 | 500 | 03:31 | 22:05:06.6 | -28:27:42 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0064.COMP | 10 | 03:40 | 22:05:06.6 | -28:27:42 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0065.bb398 | 40 | 03:41 | 22:04:25.5 | -10:10:52 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0066.COMP | 10 | 03:42 | 22:04:25.5 | -10:10:52 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0067.BRUTUS8075_4 | 1800 | 04:23 | 00:52:15.3 | -27:20:51 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0068.BRUTUS8075_4 | 1800 | 04:53 | 00:52:15.3 | -27:20:51 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0069.COMP | 10 | 05:24 | 00:52:15.3 | -27:20:51 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0070.BRUTUS8074_6 | 1800 | 06:06 | 01:26:33.4 | -23:13:34 | 300 | -20 | 3.0 | #220 ASASSN Tr | 2 | |
| 0071.COMP | 10 | 06:37 | 01:26:33.4 | -23:13:34 | 300 | -20 | 3.0 | 0 Calibration | 2 | |
| 0072.AT2017hyo | 1800 | 06:44 | 01:21:35.4 | +03:17:41 | 300 | 90 | 3.0 | #225 | 2 | |
| 0073.COMP | 10 | 07:21 | 01:21:35.4 | +03:17:41 | 300 | 90 | 3.0 | 0 Calibration | 2 | abort rmng exp for clouds |
| 0074.G191B2B | 300 | 10:22 | 05:05:30.6 | +52:49:52 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0075.COMP | 10 | 10:28 | 05:05:30.6 | +52:49:52 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0076.snAT2017hju | 1800 | 10:30 | 05:08:44.0 | +70:28:32 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |

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|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0077.COMP | 10 | 11:00 | 05:08:44.0 | +70:28:32 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0078.PS17exk | 1800 | 11:03 | 05:59:59.0 | +52:06:55 | 300 | 89 | 3.0 | #225 | 2 | |
| 0079.COMP | 10 | 11:33 | 05:59:59.0 | +52:06:55 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0080.Hiltner600 | 90 | 11:37 | 06:45:13.4 | +02:08:15 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0081.COMP | 10 | 11:39 | 06:45:13.4 | +02:08:15 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0082.AT2017hxa | 1800 | 11:41 | 07:25:50.6 | -00:54:57 | 300 | 89 | 3.0 | #225 | 2 | |
| 0083.COMP | 10 | 12:12 | 07:25:50.6 | -00:54:57 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0084.snASASSN17pg | 1200 | 12:19 | 11:42:49.8 | +77:22:13 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0085.COMP | 10 | 12:39 | 11:42:49.8 | +77:22:13 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0086.snASASSN17pe | 1200 | 12:42 | 12:25:32.1 | +50:02:06 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0087.COMP | 10 | 13:03 | 12:25:32.1 | +50:02:06 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0088-0107.FLAT | 7 | 13:11 | 12:25:32.1 | +50:02:06 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0108-0117.BIAS | 0 | 13:13 | 12:25:32.1 | +50:02:06 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0118-0127.DARK | 900 | 15:33 | 12:25:32.1 | +50:02:06 | 300 | 89 | 3.0 | 0 Calibration | 4 | |
| 0128-0137.DARK | 900 | 18:06 | 12:25:32.1 | +50:02:06 | 300 | 89 | 3.0 | 0 Calibration | 2 | |