

UT Date 2006-07-20 Observers noneColl. Focus 1320 Grating/Grism 300

| File               | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments                |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------------|
| 0001-0010.BIAS     | 0        | 2:22     | 14:45:37.8 | +31:31:24 | 300 | 90   | 3.0  | #57 Velocity S | 4   |                         |
| 0011-0020.FLAT     | 12       | 2:25     | 14:45:37.8 | +31:31:24 | 300 | 90   | 3.0  | #57 Velocity S | 4   |                         |
| 0021-0030.BIAS     | 0        | 2:27     | 14:45:37.8 | +31:31:24 | 300 | 90   | 3.0  | #57 Velocity S | 2   |                         |
| 0031-0045.FLAT     | 25       | 2:36     | 14:45:37.8 | +31:31:24 | 300 | 90   | 3.0  | #57 Velocity S | 2   |                         |
| 0046-0050.DARK     | 900      | 3:44     | 14:45:37.8 | +31:31:24 | 300 | 90   | 3.0  | #57 Velocity S | 2   |                         |
| 0051-0055.DARK     | 900      | 5:01     | 14:45:37.8 | +31:31:24 | 300 | 90   | 3.0  | #57 Velocity S | 4   |                         |
| 0057.HD192281      | 5        | 8:50     | 20:12:33.1 | 40:16:05  | 300 | 90   | 3.0  | #56 Spectropho | 2   | sucker hole             |
| 0058.HD192281      | 5        | 8:51     | 20:12:33.1 | 40:16:05  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                         |
| 0059.HD192281      | 5        | 8:51     | 20:12:33.1 | 40:16:05  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                         |
| 0060.COMP          | 10       | 8:52     | 20:12:33.1 | 40:16:05  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                         |
| 0061.SJ1933.9+3258 | 425      | 8:53     | 19:33:47.2 | +32:54:25 | 300 | 90   | 3.0  | #149 Black Hol | 2   |                         |
| 0063.COMP          | 10       | 9:01     | 19:33:47.2 | +32:54:25 | 300 | 90   | 3.0  | #149 Black Hol | 2   |                         |
| 0064.BDp284211     | 90       | 9:03     | 21:51:11.1 | 28:51:53  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                         |
| 0065.BDp284211     | 90       | 9:05     | 21:51:11.1 | 28:51:53  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                         |
| 0066.COMP          | 10       | 9:07     | 21:51:11.1 | 28:51:53  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                         |
| 0067.OSHA48        | 300      | 9:11     | 21:01:29.1 | +77:02:37 | 300 | 90   | 3.0  | #164 Nearby Yo | 2   |                         |
| 0068.COMP          | 10       | 9:16     | 21:01:29.1 | +77:02:37 | 300 | 90   | 3.0  | #164 Nearby Yo | 2   |                         |
| 0069.OSHA50        | 600      | 9:18     | 21:01:32.6 | +77:01:17 | 300 | 90   | 3.0  | #164 Nearby Yo | 2   |                         |
| 0070.COMP          | 10       | 9:28     | 21:01:32.6 | +77:01:17 | 300 | 90   | 3.0  | #164 Nearby Yo | 2   |                         |
| 0071.KP93-2-43     | 259      | 9:31     | 22:37:27.8 | +75:15:25 | 300 | 90   | 3.0  | #164 Nearby Yo | 2   | stopped by clouds, redo |

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|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0072.COMP      | 10              | 9:39            | 22:37:27.8 | +75:15:25  | 300        | 90          | 3.0         | #164 Nearby Yo | 2          |                 |
| 0073-0082.BIAS | 0               | 10:23           | 22:42:39.4 | +29:43:31  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0083-0092.FLAT | 25              | 10:30           | 22:42:39.4 | +29:43:31  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0093-0099.DARK | 900             | 12:04           | 22:42:39.4 | +29:43:31  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |