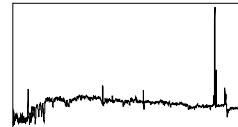




WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-07-21 Observers M Calkins

Coll. Focus 1020 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--|
| 0001-0010.DARK | 900 | 1:30 | 20:04:43.6 | 35:36:06 | 300 | 90 | 3.0 | #115 PMS NGC68 | 4 | |
| 0011-0020.BIAS | 0 | 2:48 | 20:04:43.6 | 35:36:06 | 300 | 90 | 3.0 | #115 PMS NGC68 | 4 | |
| 0021-0030.FLAT | 6 | 3:01 | 20:04:43.6 | 35:36:06 | 300 | 90 | 3.0 | #115 PMS NGC68 | 4 | |
| 0031-0040.BIAS | 0 | 3:04 | 20:04:43.6 | 35:36:06 | 300 | 90 | 3.0 | #115 PMS NGC68 | 2 | |
| 0041.FLAT | 12 | 3:04 | 20:04:43.6 | 35:36:06 | 300 | 90 | 3.0 | #115 PMS NGC68 | 2 | hole overhead |
| 0042-0050.FLAT | 12 | 3:10 | 20:04:43.6 | 35:36:06 | 300 | 90 | 3.0 | #115 PMS NGC68 | 2 | |
| 0051.HZ44 | 120 | 3:10 | 13:21:19.0 | 36:23:39 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0052.COMP | 5 | 3:10 | 13:21:19.0 | 36:23:39 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0053.HZ44 | 120 | 3:10 | 13:21:19.0 | 36:23:39 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0054.COMP | 12 | 3:10 | 13:21:19.0 | 36:23:39 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0055.HZ44 | 180 | 3:10 | 13:21:19.0 | 36:23:39 | 300 | 84 | 3.0 | #56 Spectropho | 2 | |
| 0056.COMP | 12 | 3:10 | 13:21:19.0 | 36:23:39 | 300 | 84 | 3.0 | #56 Spectropho | 2 | |
| 0057.BDp332642 | 180 | 3:10 | 15:50:03 | 33:05:49 | 300 | 95 | 3.0 | #56 Spectropho | 2 | |
| 0058.COMP | 12 | 3:10 | 15:50:03 | 33:05:49 | 300 | 95 | 3.0 | #56 Spectropho | 2 | |
| 0059.sn2001bf | 1200 | 3:10 | 18:01:33.9 | 26:15:02 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0060.COMP | 12 | 3:10 | 18:01:33.9 | 26:15:02 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0061.sn2001cp | 1200 | 3:10 | 17:11:02.5 | 05:50:26 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0062.COMP | 12 | 3:10 | 17:11:02.5 | 05:50:26 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0063.UKSCe1 | 900 | 3:10 | 16:15:30 | -22:12:15 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | clouds getting worse, humidity at 98 pct |
| 0064.COMP | 12 | 3:10 | 16:15:30 | -22:12:15 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | wait a while |



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2001-07-21 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

| <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>Bir</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0065-0074.BIAS | 0 | 11:19 | 20:00:00.2 | 35:06:52 | 300 | 90 | 3.0 | #12 Symbiotic | 4 | |
| 0075-0084.FLAT | 6 | 11:22 | 20:00:00.2 | 35:06:52 | 300 | 90 | 3.0 | #12 Symbiotic | 4 | |
| 0085-0094.BIAS | 0 | 11:24 | 20:00:00.2 | 35:06:52 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0095-0104.FLAT | 12 | 11:29 | 20:00:00.2 | 35:06:52 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0105-0114.DARK | 900 | 13:50 | 20:00:00.2 | 35:06:52 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |