

Mauna Loa Solar Observatory Observer's Log

Tue Apr 18 16:54:36 GMT 1995

Year: 95 Doy: 108

Observer: koon console Apr 18 16:52

WEATHER COMMENT: Tue Apr 18 16:54:42 GMT 1995

Clear sky, wind=10 mph from the South, temp=35 F.

Tue Apr 18 17:03:57 GMT 1995: Patrol Start

MKIII COMMENT: Tue Apr 18 17:55:32 GMT 1995

Doing some testing to determine if there is a loose connection that is preventing the I data from being recorded. Occasionally I will close the shutter (as I did about 10 minutes ago) and data may be erratic for a while.

Tue Apr 18 18:00:58 GMT 1995: Calibration

Tue Apr 18 19:01:00 GMT 1995: Calibration

MKIII COMMENT: Tue Apr 18 19:34:46 GMT 1995

OK, from now on the scans won't be affected by my testing. I checked all connections from the optical detectors to the microprocessors and didn't find any loose connections, also the plot of I didn't change since I first started checking this morning. The I plot does look oblong as Alice said it should, so maybe the problem she noted hasn't occurred today. Other factors to consider: in the morning the O1 guider is pegged at its limits for a while before it starts guiding correctly; the O1 was recently cleaned; and a broken (and possibly affecting guiding) wire was recently fixed.

Tue Apr 18 20:01:00 GMT 1995: Calibration

Tue Apr 18 21:01:04 GMT 1995: Calibration

Tue Apr 18 22:00:58 GMT 1995: Calibration

Tue Apr 18 22:34:03 GMT 1995: Patrol End

LOW-L COMMENT: Tue Apr 18 22:36:52 GMT 1995

Removed L00220 and installed L00222 in drive #0.

MKIII COMMENT: Tue Apr 18 22:37:18 GMT 1995

I will tape around the preamp for channel 0 in an attempt to eliminate the light leak noticed in our calibration data. Will also remove and reseal all the D-connectors for that channel in case there is a bad connection due to corrosion.

LOW-L COMMENT: Tue Apr 18 23:46:20 GMT 1995

COMMENT: Tue Apr 18 23:46:23 GMT 1995

Activity report:

QP: 88; 120; 260.

No coronal activity.

TAPES:

MKIII: H01010

DPMON: P00332

LOW-L: L00221 in drive #1

Tue Apr 18 23:48:26 GMT 1995: Filemark

SCAN-LOG

SCAN-LOG 17:00:39. 4/18/95 DOY 108

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|----------|----------|-----------|----------|-----------|
| 17:09:34 | 17:12:48 | 17:16:06 | 17:19:18 | 17:22:32 |
| 17:25:44 | 17:28:56 | 17:32:07 | 17:35:20 | 17:38:31 |
| 17:41:42 | 17:44:54 | 17:48:06 | 17:51:16 | 17:54:27 |
| 17:57:37 | 18:00:48 | 18:03:58 | 18:07:10 | 18:10:20 |
| 18:13:32 | 18:16:42 | 18:19:54 | 18:23:05 | 18:26:18 |
| 18:29:30 | 18:32:43 | 18:35:53 | 18:39:05 | 18:42:16 |
| 18:45:29 | 18:48:39 | 18:51:51 | 18:55:01 | 18:58:12 |
| 19:01:22 | 19:04:34 | 19:07:44 | 19:10:55 | 19:14:04 |
| 19:17:14 | 19:20:24 | 19:23:35 | 19:26:46 | 19:34:26 |
| 19:37:35 | 19:40:46 | 1951 0 CL | 19:55:17 | 2000 15CL |
| 20:20:08 | 20:24:14 | 20:27:23 | 20:30:34 | 20:33:43 |
| 20:36:52 | 20:40:00 | 20:43:09 | 20:46:17 | 20:49:26 |
| 20:52:34 | 20:55:47 | 20:58:55 | 21:02:04 | 21:05:12 |
| 21:08:20 | 21:11:28 | 21:14:38 | 21:17:47 | 21:20:55 |
| 21:24:02 | 21:27:10 | 21:30:18 | 21:33:26 | 21:36:32 |
| 21:39:41 | 21:42:48 | 21:45:56 | 21:49:03 | 21:52:10 |
| 21:55:16 | 21:58:24 | 22:01:31 | 22:04:43 | 22:07:50 |
| 22:10:58 | 22:14:05 | 22:17:12 | 22:20:18 | 22:23:25 |
| 22:26:30 | 22:29:37 | 22:32:42 | 22:35:50 | 22:38:56 |
| 22:42:04 | 22:45:11 | | | |

0 ERRORS

OK