
Mauna Loa Solar Observatory Observer's Log

Mon Aug 19 16:56:12 GMT 1996

Year: 96 Doy: 232

Observer: koon

WEATHER COMMENT: Mon Aug 19 16:56:16 GMT 1996

Clear sky, wind=10 mph from the SE, temp=46 F.

Mon Aug 19 16:56:49 GMT 1996 CHIP Startup--Initializing new tape

Mon Aug 19 17:00:12 GMT 1996 dPMon Start Patrol

Mon Aug 19 17:00:26 GMT 1996 CHIP CHIP Start Patrol

Mon Aug 19 18:00:56 GMT 1996 dPMon Flat

Mon Aug 19 18:01:53 GMT 1996 dPMon End Flat

Mon Aug 19 18:05:03 GMT 1996 CHIP Bias

Mon Aug 19 18:06:15 GMT 1996 CHIP End Bias

Mon Aug 19 18:06:24 GMT 1996 CHIP Water

Mon Aug 19 18:07:03 GMT 1996 CHIP End Water

CHIP COMMENT: Mon Aug 19 18:28:34 GMT 1996

Stalled with Optics:Busy, not a FixCenter problem this time, restarted with Kill/Run.

DPMON COMMENT: Mon Aug 19 18:37:44 GMT 1996

Stalled with Optics:Busy, restarted with Kill/Run.

WEATHER COMMENT: Mon Aug 19 18:55:58 GMT 1996

Scattered thin to medium cirrus is passing over.

Mon Aug 19 19:00:53 GMT 1996 dPMon Flat

Mon Aug 19 19:01:45 GMT 1996 dPMon End Flat

Mon Aug 19 19:07:05 GMT 1996 CHIP Bias

Mon Aug 19 19:08:13 GMT 1996 CHIP End Bias

Mon Aug 19 19:08:20 GMT 1996 CHIP Water

Mon Aug 19 19:08:58 GMT 1996 CHIP End Water

COMMENT: Mon Aug 19 19:15:12 GMT 1996

I just talked to Darryl at NOAA about why we haven't been able to connect to the mainland on the network. He said the problem is probably at UH Hilo and they are trying to figure it out. This is the fifth day without mainland access.

COMMENT: Mon Aug 19 19:40:16 GMT 1996

The network is back up now.

Mon Aug 19 20:02:58 GMT 1996 dPMon Flat

Mon Aug 19 20:03:54 GMT 1996 dPMon End Flat

CHIP COMMENT: Mon Aug 19 20:12:07 GMT 1996

Stalled with Program:FixCenter and Optics:Busy, restarted with Kill/Run.

Mon Aug 19 20:13:00 GMT 1996 CHIP Gain

Mon Aug 19 20:16:05 GMT 1996 CHIP CHIP Start Patrol

COMMENT: Mon Aug 19 20:29:00 GMT 1996

Extended the dome slot.

Mon Aug 19 21:02:49 GMT 1996 dPMon Flat

Mon Aug 19 21:03:14 GMT 1996 CHIP Bias

Mon Aug 19 21:03:42 GMT 1996 dPMon End Flat

Mon Aug 19 21:04:28 GMT 1996 CHIP End Bias
Mon Aug 19 21:04:38 GMT 1996 CHIP Water
Mon Aug 19 21:05:20 GMT 1996 CHIP End Water
Mon Aug 19 22:02:57 GMT 1996 dPMon Flat
Mon Aug 19 22:03:51 GMT 1996 dPMon End Flat
Mon Aug 19 22:04:13 GMT 1996 CHIP Bias
Mon Aug 19 22:05:22 GMT 1996 CHIP End Bias
Mon Aug 19 22:05:30 GMT 1996 CHIP Water
Mon Aug 19 22:06:09 GMT 1996 CHIP End Water

MKIII COMMENT: Mon Aug 19 22:11:33 GMT 1996

No channel 0 trace when I do a CORONA scan, loaf of bread looks fairly flat.

Checking on possible causes.

WEATHER COMMENT: Mon Aug 19 22:24:37 GMT 1996

Orographic clouds are passing over.

MKIII COMMENT: Mon Aug 19 22:24:55 GMT 1996

I can see the signal from the clouds in the loaf of bread for channel 0 but the shape and amplitudes look wrong. I can see a signal that looks larger than normal for channel 1. I tried resetting the program but that didn't change anything.

Mon Aug 19 22:30:32 GMT 1996 dPMon End Patrol

Mon Aug 19 22:30:36 GMT 1996 CHIP CHIP End Patrol

Mon Aug 19 23:21:48 GMT 1996 CHIP ending tape

WEATHER COMMENT: Mon Aug 19 23:48:39 GMT 1996

Fog moving in, closed dome.

MKIII COMMENT: Mon Aug 19 23:48:54 GMT 1996

DCSA, line drivers, and microprocessor all seem to be working normally.

Will check out DCSB power supplies then cards.

MKIII COMMENT: Tue Aug 20 00:24:41 GMT 1996

One of the power supplies gets pulled to nearly +/- 0 volts instead of +/- 15 volts when it is connected to DCSB, same thing happens to one of the spare three power supplies when connected, in both cases the voltage is correct when power supplies aren't connected. So it looks like the power supplies are good but there is a short circuit in at least one of the 4 DCSB cards for channel 0, I test those tomorrow when there is sun. Also, all LEDs are lit on the DCSB for channel 0 but not for channel 1 unless the power supplies are disconnected from channel 1.

COMMENT: Tue Aug 20 00:37:32 GMT 1996

Activity report:

QP: 70; 87; 235; 270.

No coronal activity.

Content-Length: 1454

X-Lines: 29

Status: RO

TAPES:

MKIII: H01368

DPMON: P00689

CHIP: C00106

LOWL: L00410 in drive #0

SCAN-LOG

SCAN-LOG 17:00:53. 8/19/96 DOY 232

| | | | | |
|----------|-----------|----------|-----------|----------|
| 17:06:30 | 17:09:43 | 17:12:59 | 17:16:15 | 17:19:32 |
| 17:22:47 | 17:26:02 | 17:29:15 | 17:32:33 | 17:35:46 |
| 17:38:59 | 17:42:11 | 17:45:25 | 17:48:37 | 17:51:52 |
| 17:55:04 | 1803 0 CL | 18:06:40 | 1812 15CL | 18:17:12 |
| 18:23:47 | 18:26:59 | 18:30:17 | 18:33:29 | 18:36:42 |
| 18:39:54 | 18:43:07 | 18:46:20 | 18:49:34 | 18:52:46 |
| 18:55:59 | 18:59:11 | 19:02:28 | 19:05:40 | 19:08:53 |
| 19:12:04 | 19:15:17 | 19:18:28 | 19:21:41 | 19:24:51 |
| 19:28:04 | 19:31:14 | 19:34:27 | 19:37:37 | 19:40:49 |
| 19:44:00 | 19:47:12 | 19:50:23 | 19:53:36 | 19:56:47 |
| 19:59:59 | 20:03:09 | 20:06:21 | 20:09:33 | 20:12:45 |
| 20:15:55 | 20:19:07 | 20:22:18 | 20:25:30 | 20:28:40 |
| 20:31:52 | 20:35:03 | 20:38:15 | 20:41:26 | 20:44:38 |
| 20:47:49 | 20:51:01 | 20:54:12 | 20:57:24 | 21:00:35 |
| 21:03:47 | 21:06:58 | 21:10:10 | 21:13:22 | 21:16:36 |
| 21:19:49 | 21:23:01 | 21:26:12 | 21:29:24 | 21:32:36 |
| 21:35:48 | 21:39:00 | 21:42:14 | 21:45:26 | 21:48:39 |
| 21:51:52 | 21:55:09 | 21:58:21 | 22:01:35 | 22:04:48 |
| 22:08:01 | 22:11:13 | | | |

0 ERRORS

OK