
Mauna Loa Solar Observatory Observer's Log

Tue Aug 20 16:59:17 GMT 1996

Year: 96 Doy: 233

Observer: koon

WEATHER COMMENT: Tue Aug 20 16:59:22 GMT 1996

Clear sky, wind=10 mph from the SW, temp=44 F.

Tue Aug 20 16:59:47 GMT 1996 CHIP Startup--Initializing new tape

Tue Aug 20 17:03:16 GMT 1996 dPMon Start Patrol

Tue Aug 20 17:03:24 GMT 1996 CHIP CHIP Start Patrol

MKIII COMMENT: Tue Aug 20 17:06:36 GMT 1996

Continuing troubleshooting on DCSB, will try to locate and replace the bad board(s). See yesterdays log for more details on what I've already tested.

MKIII COMMENT: Tue Aug 20 17:35:03 GMT 1996

Well, the signal for channel 0 started out like yesterday afternoon (almost nonexistent) but just when I was ready to work on the boards I noticed the loaf of bread was back. I ran FRAMES with the tilt plate (15 TLT) and the opal in and there were the sine waves as they should be. So we know that at least one of the DCSB boards for channel 0 is flaky but I can't pinpoint it until it fails again, so I will start taking data and keep an eye on the signal throughout the day. While the signal looked good on channel 0 I checked the outputs of the power supply that was pulled down to almost +/- 0 volts yesterday when the signal was almost nonexistent, and the output voltages are +/- 15 volts as they should be. Also the DCSB LEDs for channel 0 aren't all lit up as they were when the channel 0 signal was bad (and when the power supplies were disconnected as a test).

Tue Aug 20 18:00:58 GMT 1996 dPMon Flat

Tue Aug 20 18:01:53 GMT 1996 dPMon End Flat

CHIP COMMENT: Tue Aug 20 18:40:17 GMT 1996

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

Tue Aug 20 18:41:03 GMT 1996 CHIP Bias

Tue Aug 20 18:44:34 GMT 1996 CHIP CHIP Start Patrol

Tue Aug 20 19:00:57 GMT 1996 dPMon Flat

Tue Aug 20 19:01:49 GMT 1996 dPMon End Flat

Tue Aug 20 19:07:02 GMT 1996 CHIP Bias

Tue Aug 20 19:08:08 GMT 1996 CHIP End Bias

Tue Aug 20 19:08:15 GMT 1996 CHIP Water

Tue Aug 20 19:08:51 GMT 1996 CHIP End Water

Tue Aug 20 20:03:05 GMT 1996 dPMon Flat

Tue Aug 20 20:04:00 GMT 1996 dPMon End Flat

Tue Aug 20 20:05:32 GMT 1996 CHIP Gain

Tue Aug 20 20:10:10 GMT 1996 CHIP End Gain

Tue Aug 20 20:10:19 GMT 1996 CHIP Bias

Tue Aug 20 20:11:01 GMT 1996 CHIP End Bias

Tue Aug 20 20:11:12 GMT 1996 CHIP Water

Tue Aug 20 20:11:41 GMT 1996 CHIP End Water

WEATHER COMMENT: Tue Aug 20 20:22:23 GMT 1996

Orographic clouds are passing by.

COMMENT: Tue Aug 20 20:25:16 GMT 1996

Extended the dome slot about 10 minutes ago. Just gave a tour to a group of wandering teachers from HPA in Waimea.

Tue Aug 20 21:02:54 GMT 1996 dPMon Flat
Tue Aug 20 21:03:46 GMT 1996 dPMon End Flat
Tue Aug 20 21:04:12 GMT 1996 CHIP Bias
Tue Aug 20 21:05:28 GMT 1996 CHIP End Bias
Tue Aug 20 21:05:37 GMT 1996 CHIP Water
Tue Aug 20 21:06:19 GMT 1996 CHIP End Water

WEATHER COMMENT: Tue Aug 20 21:21:44 GMT 1996

Orographic clouds continue to pass over and are getting more numerous.

MKIII COMMENT: Tue Aug 20 21:24:06 GMT 1996

So far channel 0 seems to be working normally.

WEATHER COMMENT: Tue Aug 20 21:48:14 GMT 1996

Clouds are too thick for spar to guide, closing down.

Tue Aug 20 21:48:49 GMT 1996 dPMon End Patrol
Tue Aug 20 21:48:57 GMT 1996 CHIP CHIP End Patrol
Tue Aug 20 22:01:24 GMT 1996 CHIP ending tape

COMMENT: Tue Aug 20 22:03:35 GMT 1996

Activity report:

QP: 69; 132; 239; 276.

No coronal activity.

Content-Length: 1156

X-Lines: 25

Status: RO

TAPES:

MKIII: H01369

DPMON: P00690

CHIP: C00107

LOWL: L00410 in drive #0

SCAN-LOG

SCAN-LOG 17:04:43. 8/20/96 DOY 233

17:50:50	17:54:03	17:57:17	18:00:29	18:03:42
18:06:55	18:10:09	18:13:22	18:16:35	18:19:47
18:23:05	18:26:17	18:29:30	18:32:42	1837 0 CL
18:43:29	1848 15CL	18:55:57	19:00:43	19:03:57
19:07:15	19:10:29	19:13:47	19:16:59	19:20:12
19:23:24	19:26:37	19:29:48	19:33:01	19:36:12
19:39:25	19:42:36	19:45:49	19:49:01	19:52:14
19:55:26	19:58:40	20:01:52	20:05:05	20:08:17
20:11:31	20:14:43	20:17:57	20:21:09	20:24:22
20:27:37	20:30:57	20:34:10	20:37:24	20:40:37
20:43:50	20:47:01	20:50:15	20:53:28	20:56:45
20:59:56	21:03:09	21:06:19	21:09:32	21:12:43
21:15:55	21:19:06	21:22:20	21:25:32	21:28:44

21:31:56
21:47:55

21:35:10

21:38:21

21:41:33

21:44:43

0 ERRORS

OK