
Mauna Loa Solar Observatory Observer's Log

Wed Dec 18 17:07:38 GMT 1996

Year: 96 Doy: 353

Observer: yasukawa

WEATHER COMMENT: Wed Dec 18 17:07:42 GMT 1996

Cool, clear, light southeast wind.

DPMON COMMENT: Wed Dec 18 17:08:18 GMT 1996

Occulter = 1991

Wed Dec 18 17:08:32 GMT 1996 CHIP Startup--Initializing new tape

Wed Dec 18 17:19:51 GMT 1996 CHIP CHIP Start Patrol

Wed Dec 18 17:20:15 GMT 1996 dPMon Start Patrol

WEATHER COMMENT: Wed Dec 18 17:50:16 GMT 1996

In cirrus bands.

Wed Dec 18 18:02:55 GMT 1996 dPMon Flat

Wed Dec 18 18:03:49 GMT 1996 dPMon End Flat

Wed Dec 18 18:03:47 GMT 1996 CHIP Bias

Wed Dec 18 18:04:57 GMT 1996 CHIP End Bias

Wed Dec 18 18:05:06 GMT 1996 CHIP Water

Wed Dec 18 18:05:43 GMT 1996 CHIP End Water

MKIII COMMENT: Wed Dec 18 18:59:46 GMT 1996

Experiencing radial noise again. problem may be in connector contacts and not in wiring, which was re-done.

Wed Dec 18 19:03:00 GMT 1996 dPMon Flat

Wed Dec 18 19:03:51 GMT 1996 dPMon End Flat

Wed Dec 18 19:03:50 GMT 1996 CHIP Bias

Wed Dec 18 19:04:56 GMT 1996 CHIP End Bias

Wed Dec 18 19:05:06 GMT 1996 CHIP Water

Wed Dec 18 19:05:44 GMT 1996 CHIP End Water

MKIII COMMENT: Wed Dec 18 19:18:16 GMT 1996

Found that wire in adjacent connector (to the one I repaired last week) is also flaky when wiggled. Taped it to barrel flange for now to keep it from shaking loose.

WEATHER COMMENT: Wed Dec 18 19:37:43 GMT 1996

thin cirrus

Wed Dec 18 20:02:59 GMT 1996 dPMon Flat

Wed Dec 18 20:03:54 GMT 1996 dPMon End Flat

Wed Dec 18 20:03:48 GMT 1996 CHIP Gain

Wed Dec 18 20:08:15 GMT 1996 CHIP End Gain

Wed Dec 18 20:08:24 GMT 1996 CHIP Bias

Wed Dec 18 20:09:04 GMT 1996 CHIP End Bias

Wed Dec 18 20:09:14 GMT 1996 CHIP Water

Wed Dec 18 20:09:42 GMT 1996 CHIP End Water

MKIII COMMENT: Wed Dec 18 21:00:43 GMT 1996

MKIII worked OK with cable taped. Stopping MKIII to repair the connections at the connector.

Wed Dec 18 21:01:45 GMT 1996 CHIP Bias

Wed Dec 18 21:02:50 GMT 1996 CHIP End Bias

Wed Dec 18 21:03:03 GMT 1996 dPMon Flat

Wed Dec 18 21:03:00 GMT 1996 CHIP Water

Wed Dec 18 21:03:40 GMT 1996 CHIP End Water

Wed Dec 18 21:03:56 GMT 1996 dPMon End Flat

MKIII COMMENT: Wed Dec 18 21:54:13 GMT 1996

Previous problem connector was designated 191 on G. Siedelberg sketch DCSA 1A1 in Barrel Misc. folder. The loose side was the Line driver side of the connector. Today's problem showed up in its paired connector, designated 190. I did not see any obvious breaks so it might have been a cold solder joint-gone-bad-and-helped-by-a-jolt-from-my-head.

The other possibility is a break in the cable. I re-dressed the cable and resoldered the wires (this time the problem was in the DCSA side of the connector). I test-wiggled the cable and saw no noise so hopefully the problem got fixed.

Wed Dec 18 22:01:47 GMT 1996 CHIP Bias

MKIII COMMENT: Wed Dec 18 22:00:48 GMT 1996

Don't panic.... MKIII is in narrow-slot config with the ADR currently

favoring the DPMON. The lost sector in the MKIII data is the dome wall.

Wed Dec 18 22:03:00 GMT 1996 dPMon Flat
Wed Dec 18 22:03:03 GMT 1996 CHIP End Bias
Wed Dec 18 22:03:12 GMT 1996 CHIP Water
Wed Dec 18 22:03:51 GMT 1996 CHIP End Water
Wed Dec 18 22:03:59 GMT 1996 dPMon End Flat

WEATHER COMMENT: Wed Dec 18 22:33:57 GMT 1996

In cirrus again.

Wed Dec 18 22:34:15 GMT 1996 dPMon End Patrol
Wed Dec 18 22:34:34 GMT 1996 CHIP CHIP End Patrol
Wed Dec 18 22:35:24 GMT 1996 CHIP ending tape

COMMENT: Wed Dec 18 22:35:35 GMT 1996

activity report:

QP: 35; 46; 55; 63; 115-125; 220-235; 295;

No coronal activity

Tapes: MKIII: H01455

DPMON: P00783

CHIP: C00200

LOWL: L00431

SCAN-LOG

SCAN-LOG 17:27:29. 12/18/96 DOY 353

17:33:43	17:36:57	17:40:12	17:43:25	17:46:41
17:49:56	17:53:12	17:56:27	17:59:43	18:02:58
18:06:14	18:09:29	18:12:45	18:16:01	1820 0 CL
18:23:20	1830 15CL	18:35:47	18:39:26	18:42:42
18:46:02	18:49:18	18:52:38	18:55:53	18:59:11
19:02:27	19:05:43	19:08:58	19:12:19	19:15:35
19:18:50	19:22:04	19:25:19	19:28:33	19:31:48
19:35:01	19:38:15	19:41:28	19:44:43	19:47:56
19:51:10	19:54:23	19:57:40	20:00:53	20:04:06
20:07:19	20:10:33	20:13:47	20:17:02	20:20:14
20:23:29	20:26:41	20:29:56	20:33:09	20:36:24
20:39:37	20:42:50	20:46:03	20:49:21	20:52:34
20:55:48	20:59:00	21:55:12	21:58:25	22:01:40
22:04:53	22:08:08	22:11:21	22:14:35	22:17:48
22:21:02	22:24:14	22:27:28	22:30:41	22:33:56

0 ERRORS

OK