
Mauna Loa Solar Observatory Observer's Log

Sun Feb 9 20:30:20 GMT 1997

Year: 97 Doy: 040

Observer: yasukawa

DPMON COMMENT: Sun Feb 9 20:32:50 GMT 1997

CHIP and DPMON were dead this morning. Problem seemed to be in MCC.

Started MKIII and kept logs on 11-44. I will transfer those logs here shortly. Meanwhile, we're back up so I will start systems first.

Sun Feb 9 20:34:57 GMT 1997 CHIP Startup--Initializing new tape

Sun Feb 9 20:35:27 GMT 1997 dPMon Start Patrol

Sun Feb 9 20:38:11 GMT 1997 CHIP CHIP Start Patrol

LOG-LIST

NCAR-HAO-MLSO LOG 17:30:22. 2/9/97 DOY 40

1733 STARTING ONLY MKIII AT THIS TIME. CHIP AND DPMON 160

1734 ARE DOWN. MONITOR IS IN POWER-SAVE MODE, YBOX DRIVE

1735 UNIT IS OFF, STATUS UNIT IS LIVE, MCC 2533,4105, AND 3125

1735 CARDS' FAIL LEDS ARE ON. RUN FAILS DUE TO MCC FAILURE.

1736 KEEPING RUNNING LOG ON MKIII'S OLD LOG SYSTEM FOR NOW.

1808 LOWL TAPE IN DRIVE 0 WAS POPPED. L00439 REMOVED, DRIVE

1809 CLEANED, L00441 LOADED. DATA GOING TO L00440 IN DRIVE 1.

1814

1815 TRIED ALERTING BOULDER VIA EMAIL, NETWORK IS DOWN. PING

1816 GETS TO SAN FRANCISCO BEFORE DYING.

1838 *** MARK-III CALIBRATION

1857 SKY TRANSMISSION: 1444 DVM 0256 AR11

1909 STATIC CRASHED 4105. CANNOT RECOVER.

1909 EXABYTE HAD ALSO STOPPED. DID 0EOF TO SAVE DATA

1910 BUT KEEP STARTED AFTER 0EOF WRITTEN. DID WEEP

1910 TO STOP DRIVE. WILL PUT ON TWO EOFS BEFORE REBOOTING. KEY

1911 TEK AND LA120 TERMINALS OK, BY THE WAY. 161

1921 REMOVED H01491, LOADED H01492.

1921 H01491 CONTAINS 26 FILES.

1935 DECLINATION PROBLEM. REPOINTED AND RESET.

OK

Sun Feb 9 21:03:01 GMT 1997 dPMon Flat

Sun Feb 9 21:03:05 GMT 1997 CHIP Bias

Sun Feb 9 21:03:50 GMT 1997 CHIP End Bias

Sun Feb 9 21:03:56 GMT 1997 dPMon End Flat

Sun Feb 9 21:03:57 GMT 1997 CHIP Water

Sun Feb 9 21:04:25 GMT 1997 CHIP End Water

COMMENT: Sun Feb 9 20:53:21 GMT 1997

Synopsis of today's problem:

Run on CHIP and DPMON would not start up, MCC monitor was dark this morning. A check revealed that the FAIL LEDs on three MCC cards were on. These cards were the VMIC 2533 Digital Output Card, the VMIC 4105 8-channel D/A Card,

and the VMIC 3125 32-channel A/D Card. I tried resetting the MCC processor card with no results. Checked AC power and DC power and they were OK. Tried cycling power at Switched Power on YBOX front panel, no result. Began looking over documentation for clues. Later on when I got brave (or desperate) I turned off power at the front panel of the MCC. OH WAIT< before that, I tried rebooting the host computers to see if some interfaces might need resetting--no result. Back to the MCC.... After turning off power, I removed the cables and pulled the three cards to look for any physical damage or obvious signs of a failure. All cards looked good. I replaced the cards and replaced the cables. When I powered the MCC back up, the processor leds began to flash like normal and after a short time, (nominal time for built-in test to run) the FAIL leds went off. MCC monitor came to life and hosts responded to Run command.

DPMON COMMENT: Sun Feb 9 21:06:10 GMT 1997

Forgot to switch back from slew to clock drive on Coude bench.

Made angular correction.

COMMENT: Sun Feb 9 21:34:05 GMT 1997

Going down to GONG to attend to their tape drive problem.

Sun Feb 9 22:02:04 GMT 1997 CHIP Bias

Sun Feb 9 22:02:51 GMT 1997 CHIP End Bias

Sun Feb 9 22:03:00 GMT 1997 dPMon Flat

Sun Feb 9 22:03:01 GMT 1997 CHIP Water

Sun Feb 9 22:03:28 GMT 1997 CHIP End Water

Sun Feb 9 22:03:55 GMT 1997 dPMon End Flat

COMMENT: Sun Feb 9 22:33:47 GMT 1997

Back from GONG.

Sun Feb 9 23:01:03 GMT 1997 CHIP Bias

Sun Feb 9 23:01:50 GMT 1997 CHIP End Bias

Sun Feb 9 23:02:00 GMT 1997 CHIP Water

Sun Feb 9 23:02:29 GMT 1997 CHIP End Water

Sun Feb 9 23:03:00 GMT 1997 dPMon Flat

Sun Feb 9 23:03:51 GMT 1997 dPMon End Flat

Sun Feb 9 23:08:00 GMT 1997 dPMon End Patrol

Sun Feb 9 23:08:34 GMT 1997 CHIP CHIP End Patrol

Sun Feb 9 23:09:06 GMT 1997 CHIP ending tape

COMMENT: Sun Feb 9 23:09:30 GMT 1997

Activity report:

QP: 95; 115; 120; 254;

No coronal activity

Tapes: MKIII: H01491 and H01492

DPMON: P00819

CHIP: C00236

LOWL: L00440

SCAN-LOG

SCAN-LOG 17:30:22. 2/9/97 DOY 40

H01491-----

17:39:48	17:43:02	17:46:15	17:49:30	17:52:43
17:55:58	17:59:11	18:02:27	18:05:41	18:08:57
18:12:11	18:15:27	18:18:42	18:21:58	18:25:13
18:28:29	18:31:44	18:35:01	18:38:15	1842 0 CL
18:45:28	1849 15CL	18:58:37	19:02:55	19:06:08
19:08:34				

H01492-----

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

0 ERRORS

OK