
Mauna Loa Solar Observatory Observer's Log

Tue Mar 17 17:04:52 GMT 1998

Year: 98 Doy: 076

Observer: yasukawa

WEATHER COMMENT: Tue Mar 17 17:05:26 GMT 1998

Cool, clear, light south breeze.

PSPT COMMENT: Tue Mar 17 17:05:43 GMT 1998

Leonard halted PSPT sparc remotely. Needed to be root to do that.

We know how, but he did it anyway when I could not halt from normal

login. I did a 'boot -r' and then 'OW' and logged in as pspt1.

cd'd to ~/temp. "Run" Will wait for Haosheng to arrive to proceed with
tape drive check-out.

Tue Mar 17 17:11:47 GMT 1998 CHIP Startup--Initializing new tape

Tue Mar 17 17:14:33 GMT 1998 CHIP CHIP Start Patrol

Tue Mar 17 17:14:39 GMT 1998 MKIII Start Patrol

Tue Mar 17 17:16:08 GMT 1998 PICS Start Patrol

PSPT COMMENT: Tue Mar 17 17:48:40 GMT 1998

PSPT did not start properly after 'Run'. Discovered that I forgot to
turn shutter driver on as I did not use the usual routine, rather did
things piecemeal. Program continued normally once I turned the
driver on.

Tue Mar 17 18:00:09 GMT 1998 PICS Flat

Tue Mar 17 18:01:36 GMT 1998 PICS End Flat

Tue Mar 17 18:03:05 GMT 1998 CHIP Bias

Tue Mar 17 18:03:22 GMT 1998 MKIII Start Cal

Tue Mar 17 18:04:08 GMT 1998 CHIP End Bias

Tue Mar 17 18:04:18 GMT 1998 CHIP Water

Tue Mar 17 18:05:00 GMT 1998 CHIP End Water

MKIII COMMENT: Tue Mar 17 18:56:37 GMT 1998

*** Recycling H01770 ***

Tue Mar 17 19:00:07 GMT 1998 PICS Flat

Tue Mar 17 19:01:37 GMT 1998 PICS End Flat

Tue Mar 17 19:03:10 GMT 1998 CHIP Bias

Tue Mar 17 19:04:11 GMT 1998 CHIP End Bias

Tue Mar 17 19:04:21 GMT 1998 CHIP Water

Tue Mar 17 19:05:09 GMT 1998 CHIP End Water

MKIII COMMENT: Tue Mar 17 19:06:47 GMT 1998

Last file lost a sector of data for some reason.

MKIII COMMENT: Tue Mar 17 19:08:03 GMT 1998

Scan is acting funny, stopping to check things out.

MKIII COMMENT: Tue Mar 17 19:14:19 GMT 1998

Clicked EOF 2X, and unloaded tape H01771. Loaded H01772.

Stopped barrel with VCP. Barrel was running one way at normal
speed, then reversing at around twice the speed, then reversing

again at normal speed, rotating around 90 degrees or so.
Resetting KCC and starting over.

COMMENT: Tue Mar 17 19:20:29 GMT 1998

Might as well reconfigure dome before restarting Patrol.
Stopping CHIP and PICS.

Tue Mar 17 19:21:06 GMT 1998 PICS End Patrol
Tue Mar 17 19:23:34 GMT 1998 CHIP CHIP End Patrol
Tue Mar 17 19:29:13 GMT 1998 MKIII Start Patrol
Tue Mar 17 19:29:09 GMT 1998 PICS Start Patrol
Tue Mar 17 19:29:15 GMT 1998 CHIP CHIP Start Patrol

MKIII COMMENT: Tue Mar 17 19:30:42 GMT 1998

No data going to display.

MKIII COMMENT: Tue Mar 17 19:32:55 GMT 1998

Barrel ran once around and did not stop. Barrel angle is getting
down from syncro as the OCP display is reading out correct angles.
I don't think the KCC is reading it or microprocessor may have
gotten hosed or something.

Resetting via shutdown.

Tue Mar 17 19:35:58 GMT 1998

MkIII

Data on H01771, tape 1 of 2

17_14.rawmk3	17_35.rawmk3	17_55.rawmk3	18_27.rawmk3	18_48.rawmk3
17_17.rawmk3	17_38.rawmk3	17_58.rawmk3	18_30.rawmk3	18_51.rawmk3
17_20.rawmk3	17_41.rawmk3	18_06.rawmk3	18_33.rawmk3	18_54.rawmk3
17_23.rawmk3	17_44.rawmk3	18_12.rawmk3	18_36.rawmk3	c18_03.rawmk3
17_26.rawmk3	17_47.rawmk3	18_18.rawmk3	18_39.rawmk3	c18_09.rawmk3
17_29.rawmk3	17_49.rawmk3	18_22.rawmk3	18_42.rawmk3	c18_15.rawmk3
17_32.rawmk3	17_52.rawmk3	18_24.rawmk3	18_45.rawmk3	

MKIII COMMENT: Tue Mar 17 19:42:25 GMT 1998

Powered down and restarted.

Tue Mar 17 19:42:56 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Tue Mar 17 19:49:18 GMT 1998

OK, recovered from that crash. Patrol finished 2 scans normally,
writing to H01772, tape 2 of hopefully 2.

*** WOW! nahenahe monitor just got the jitters briefly! Some kind of
power glitches??? Everybody looks OK.

Crash might have been a micro crash--loss of barrel position
awareness and loss of data conversion used to occur when the
micro got hosed in the past.

Tue Mar 17 20:01:14 GMT 1998 PICS Flat
Tue Mar 17 20:02:44 GMT 1998 PICS End Flat

Tue Mar 17 20:03:03 GMT 1998 CHIP Gain
 Tue Mar 17 20:08:59 GMT 1998 CHIP End Gain
 Tue Mar 17 20:09:09 GMT 1998 CHIP Bias
 Tue Mar 17 20:10:04 GMT 1998 CHIP End Bias
 Tue Mar 17 20:10:17 GMT 1998 CHIP Water
 Tue Mar 17 20:11:00 GMT 1998 CHIP End Water
 Tue Mar 17 21:01:08 GMT 1998 PICS Flat
 Tue Mar 17 21:02:40 GMT 1998 PICS End Flat
 Tue Mar 17 21:03:03 GMT 1998 CHIP Bias
 Tue Mar 17 21:04:04 GMT 1998 CHIP End Bias
 Tue Mar 17 21:04:14 GMT 1998 CHIP Water
 Tue Mar 17 21:04:58 GMT 1998 CHIP End Water
 Tue Mar 17 22:01:18 GMT 1998 PICS Flat
 Tue Mar 17 22:02:47 GMT 1998 PICS End Flat
 Tue Mar 17 22:03:02 GMT 1998 CHIP Bias
 Tue Mar 17 22:04:06 GMT 1998 CHIP End Bias
 Tue Mar 17 22:04:19 GMT 1998 CHIP Water
 Tue Mar 17 22:05:04 GMT 1998 CHIP End Water
 COMMENT: Tue Mar 17 22:07:34 GMT 1998
 Tapes:
 MKIII: H01771 and H01772
 PICS: P01143
 CHIP: C00532
 LOWL: L00502
 Tue Mar 17 22:08:49 GMT 1998 CHIP CHIP End Patrol
 Tue Mar 17 22:09:16 GMT 1998 CHIP ending tape
 Tue Mar 17 22:18:07 GMT 1998

MkIII

19_43.rawmk3 20_12.rawmk3 20_41.rawmk3 21_10.rawmk3 21_40.rawmk3
 19_46.rawmk3 20_15.rawmk3 20_44.rawmk3 21_13.rawmk3 21_43.rawmk3
 19_49.rawmk3 20_18.rawmk3 20_47.rawmk3 21_16.rawmk3 21_45.rawmk3
 19_51.rawmk3 20_21.rawmk3 20_50.rawmk3 21_19.rawmk3 21_48.rawmk3
 19_54.rawmk3 20_24.rawmk3 20_53.rawmk3 21_22.rawmk3 21_51.rawmk3
 19_57.rawmk3 20_27.rawmk3 20_56.rawmk3 21_25.rawmk3 21_54.rawmk3
 20_00.rawmk3 20_29.rawmk3 20_59.rawmk3 21_28.rawmk3 21_57.rawmk3
 20_03.rawmk3 20_32.rawmk3 21_02.rawmk3 21_31.rawmk3 22_00.rawmk3
 20_06.rawmk3 20_35.rawmk3 21_05.rawmk3 21_34.rawmk3 22_03.rawmk3
 20_09.rawmk3 20_38.rawmk3 21_07.rawmk3 21_37.rawmk3 22_06.rawmk3