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Mauna Loa Solar Observatory Observer's Log  
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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.

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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