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Mauna Loa Solar Observatory Observer's Log  
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Fri May 16 16:23:54 GMT 2003

Year: 03 Doy: 136

Observer: yasukawa

WEATHER COMMENT: Fri May 16 16:23:59 GMT 2003

Cool, clear, but sun at edge of thick, broken cirrus deck to south,  
no wind.

Fri May 16 16:29:43 GMT 2003 CHIP Start Patrol

Fri May 16 16:29:53 GMT 2003 PICS Start Patrol

Fri May 16 16:31:10 GMT 2003 MKIV Start Patrol

PSPT COMMENT: Fri May 16 16:39:18 GMT 2003

Except for exiting program and closing the dome (switch left in down  
position) rest of pspt was left powered up overnight.

Pspt started up OK, observing.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri May 16 16:40:06 GMT 2003

MKIV COMMENT: Fri May 16 16:43:04 GMT 2003

Centered O1.

MKIV COMMENT: Fri May 16 17:30:56 GMT 2003

Centered O1.

WEATHER COMMENT: Fri May 16 18:01:43 GMT 2003

In cirrus.

Fri May 16 18:02:53 GMT 2003 CHIP LSD

Fri May 16 18:03:19 GMT 2003 PICS Flat

Fri May 16 18:04:43 GMT 2003 CHIP End LSD

Fri May 16 18:04:56 GMT 2003 CHIP BiasLSD

Fri May 16 18:05:44 GMT 2003 PICS End Flat

Fri May 16 18:05:53 GMT 2003 CHIP End BiasLSD

Fri May 16 18:06:04 GMT 2003 CHIP Bias

Fri May 16 18:07:08 GMT 2003 CHIP End Bias

WEATHER COMMENT: Fri May 16 18:22:05 GMT 2003

Pausing mk4 due to extensive cirrus.

Fri May 16 18:24:02 GMT 2003 MKIV End Patrol

Fri May 16 18:38:46 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Fri May 16 18:39:00 GMT 2003

clear hole, resuming mk4 obs.

MKIV COMMENT: Fri May 16 18:41:49 GMT 2003

Centered O1.

Fri May 16 18:44:59 GMT 2003 MKIV End Patrol

Fri May 16 18:45:10 GMT 2003 MKIV Start Cal

WEATHER COMMENT: Fri May 16 18:50:51 GMT 2003

Bummer! back in cirrus.

Fri May 16 19:03:55 GMT 2003 MKIV End Cal

Fri May 16 19:06:58 GMT 2003 CHIP End Patrol

Fri May 16 19:07:02 GMT 2003 PICS End Patrol

COMMENT: Fri May 16 19:07:05 GMT 2003

Stopping to reconfigure dome shutter.

Fri May 16 19:12:59 GMT 2003 CHIP Start Patrol  
 Fri May 16 19:13:10 GMT 2003 PICS Start Patrol  
 \*\*PSPT PROBLEM\*\* Fri May 16 19:17:01 GMT 2003  
 PSPT crashed at 1827 at (2/3) Taking CaK image. Killed/restarted.  
 \*\*PSPT PROBLEM\*\* Fri May 16 19:57:08 GMT 2003  
 Stalled again at 1921 UT, in Hi-Res Data, PC: Whereis fcs. Killed/Restart.  
 WEATHER COMMENT: Fri May 16 21:32:42 GMT 2003  
 In orographic clouds as well as broken cirrus.  
 Fri May 16 22:07:44 GMT 2003 CHIP End Patrol  
 WEATHER COMMENT: Fri May 16 22:07:36 GMT 2003  
 In thick orographic clouds. Pausing observations and closing domes as  
 a precaution against precipitation.  
 Fri May 16 22:08:29 GMT 2003 PICS End Patrol  
 WEATHER COMMENT: Fri May 16 22:35:11 GMT 2003  
 In thick fog.  
 \*\*PSPT PROBLEM\*\* Sat May 17 00:21:07 GMT 2003  
 PSPT dome shutter motor burned out after stalling during closing. Discovered  
 motor buzzing and smelling of burnt windings. Turned it off--shutter was  
 nearly closed, I hand-cranked it down the last inch or so. Shut-off switch  
 looked like it wasn't quite enabled at that point when range of motion was  
 later tested by manually moving the shutter. Looked for replacement motor but  
 none with the correct specs were available in our spares inventory.  
 Located a local Dayton Motor rep and ordered a replacement that will  
 be on-island on Tuesday.  
 \*\*PSPT PROBLEM\*\* Sat May 17 00:56:48 GMT 2003  
 Checked dome shutter limit switch and it is functioning OK. I did not  
 actuate it against the limit actuation cams but the actuators do contact  
 the cams before reaching shutter travel limits and I can hear the  
 switch "click" before the physical limit is reached.  
 WEATHER COMMENT: Sat May 17 01:15:39 GMT 2003  
 Still in dense fog and light rain.  
 Sat May 17 01:16:18 GMT 2003

MkIV

16_31.rawmk4	16_57.rawmk4	17_27.rawmk4	17_54.rawmk4	18_20.rawmk4
16_34.rawmk4	17_00.rawmk4	17_30.rawmk4	17_57.rawmk4	18_38.rawmk4
16_37.rawmk4	17_03.rawmk4	17_33.rawmk4	18_00.rawmk4	18_41.rawmk4
16_40.rawmk4	17_06.rawmk4	17_36.rawmk4	18_03.rawmk4	18_48.rawmk4
16_43.rawmk4	17_09.rawmk4	17_39.rawmk4	18_06.rawmk4	18_54.rawmk4
16_45.rawmk4	17_15.rawmk4	17_42.rawmk4	18_09.rawmk4	19_00.rawmk4
16_48.rawmk4	17_19.rawmk4	17_45.rawmk4	18_12.rawmk4	c18_45.rawmk4
16_51.rawmk4	17_22.rawmk4	17_48.rawmk4	18_14.rawmk4	c18_51.rawmk4
16_54.rawmk4	17_25.rawmk4	17_51.rawmk4	18_17.rawmk4	c18_57.rawmk4