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Mauna Loa Solar Observatory Observer's Log  
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Fri Oct 24 16:52:09 GMT 2003

Year: 03 Doy: 297

Observer: yasukawa

WEATHER COMMENT: Fri Oct 24 16:52:14 GMT 2003

Cool, in moderately thick cirrustratus, light south wind.

COMMENT: Fri Oct 24 16:52:42 GMT 2003

Read HELCO meters on the way up.

Fri Oct 24 16:57:27 GMT 2003 CHIP Start Patrol

Fri Oct 24 16:58:21 GMT 2003 PICS Start Patrol

\*\*PSPT PROBLEM\*\* Fri Oct 24 17:00:56 GMT 2003

Xterm messages indicate that Pspt program may not have been exited, data may not have been transferred. Exit command did not cause the usual HD activity.

\*\*PSPT PROBLEM\*\* Fri Oct 24 17:13:51 GMT 2003

MLSO\_DLT\_results email indicates pspt data was successfully transferred last night.

PSPT COMMENT: Fri Oct 24 17:26:21 GMT 2003

Observing.

Fri Oct 24 18:00:59 GMT 2003 CHIP LSD

Fri Oct 24 18:02:38 GMT 2003 CHIP End LSD

Fri Oct 24 18:02:44 GMT 2003 CHIP BiasLSD

Fri Oct 24 18:03:34 GMT 2003 CHIP End BiasLSD

Fri Oct 24 18:03:40 GMT 2003 CHIP Bias

Fri Oct 24 18:04:15 GMT 2003 PICS Flat

Fri Oct 24 18:04:30 GMT 2003 CHIP End Bias

Fri Oct 24 18:06:39 GMT 2003 PICS End Flat

WEATHER COMMENT: Fri Oct 24 19:30:51 GMT 2003

Cirrostratus thinning out a bit and some holes may pass over.

\*\*MLSO PROBLEM\*\* Fri Oct 24 19:37:40 GMT 2003

Looks like network is down beyond local connections.

WEATHER COMMENT: Fri Oct 24 19:59:13 GMT 2003

Clearing.

MKIV COMMENT: Fri Oct 24 19:59:26 GMT 2003

Centering O1.

Fri Oct 24 19:59:44 GMT 2003 MKIV Start Patrol

\*\*MLSO PROBLEM\*\* Fri Oct 24 20:18:46 GMT 2003

NOAA indicated that their network is up and it looks like our router is intermittent. Cycling power to the router to attempt to reset it.

MKIV COMMENT: Fri Oct 24 20:46:47 GMT 2003

Centered O1.

Fri Oct 24 20:47:03 GMT 2003 MKIV End Patrol

Fri Oct 24 20:47:13 GMT 2003 MKIV Start Cal

Fri Oct 24 21:06:49 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Fri Oct 24 21:49:29 GMT 2003

In cirrus.

**\*\*ECHO PROBLEM\*\***: Fri Oct 24 21:49:56 GMT 2003  
Discovered ECHO time was 2 minutes slow. GPS32 was not running. Program should show up as minimized on the taskbar. Restarted GPS32 following the published procedure. Time acquisition is timing out. Due to solar storm??

COMMENT: Fri Oct 24 21:52:56 GMT 2003  
Got inquiries from Honolulu Star Bulletin and from KHON TV about the solar activity today.

**\*\*\*\* EVENT COMMENT \*\*\*\***: Fri Oct 24 21:55:08 GMT 2003  
Large flare at central active region west of CMP from 2124 UT.

**\*\*ECHO PROBLEM\*\***: Fri Oct 24 22:07:04 GMT 2003  
GPS problem was apparently due to the GPS hardware. I cycled power to it and restarted the GPS32 program using published instructions. Time updated. Set update interval back to 60 minutes and minimized the GPS32 window.

**\*\*PSPT PROBLEM\*\***: Fri Oct 24 22:23:09 GMT 2003  
PSPT always picks times when we are busy running around to crash. Crashed at 2040 at clr blue -- hope to help hang. Killed/restarted.

WEATHER COMMENT: Fri Oct 24 22:41:20 GMT 2003  
In orographic clouds.

Fri Oct 24 22:42:38 GMT 2003      MKIV      End Patrol  
Fri Oct 24 22:43:58 GMT 2003      CHIP      End Patrol  
Fri Oct 24 22:44:13 GMT 2003      PICS      End Patrol

COMMENT: Fri Oct 24 22:44:09 GMT 2003  
Pausing observations.

WEATHER COMMENT: Fri Oct 24 23:00:42 GMT 2003  
Clouds real thick, closing domes as precaution.

WEATHER COMMENT: Fri Oct 24 23:29:46 GMT 2003  
In fog.

**\*\*PSPT PROBLEM\*\***: Sat Oct 25 01:13:44 GMT 2003  
About the earlier comment about the transfers not occurring... Transfers (HD activity) begins when Shutdown ends. Transfer messages get written to the xterm window after Pspt program is exited. Since Pspt was not exited, there were no messages this morning, but the transfers did occur.

PSPT COMMENT: Sat Oct 25 01:17:28 GMT 2003  
Shutdown Pspt.

WEATHER COMMENT: Sat Oct 25 01:32:04 GMT 2003  
Still dark and foggy. Shutting down for the day.

Sat Oct 25 01:32:39 GMT 2003  
MkIV

19_59.rawmk4	20_32.rawmk4	21_15.rawmk4	21_48.rawmk4	22_24.rawmk4
20_02.rawmk4	20_35.rawmk4	21_18.rawmk4	21_51.rawmk4	22_27.rawmk4
20_05.rawmk4	20_37.rawmk4	21_21.rawmk4	21_53.rawmk4	22_30.rawmk4
20_08.rawmk4	20_40.rawmk4	21_24.rawmk4	21_56.rawmk4	22_32.rawmk4
20_11.rawmk4	20_43.rawmk4	21_27.rawmk4	21_59.rawmk4	22_35.rawmk4
20_14.rawmk4	20_50.rawmk4	21_30.rawmk4	22_02.rawmk4	c20_47.rawmk4

20_17.rawmk4	20_56.rawmk4	21_33.rawmk4	22_05.rawmk4	c20_53.rawmk4
20_20.rawmk4	21_02.rawmk4	21_36.rawmk4	22_08.rawmk4	c20_59.rawmk4
20_23.rawmk4	21_06.rawmk4	21_39.rawmk4	22_14.rawmk4	
20_26.rawmk4	21_09.rawmk4	21_42.rawmk4	22_18.rawmk4	
20_29.rawmk4	21_12.rawmk4	21_45.rawmk4	22_21.rawmk4	