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Mauna Loa Solar Observatory Observer's Log  
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Wed Nov 19 16:47:23 GMT 2003

Year: 03 Doy: 323

Observer: yasukawa

WEATHER COMMENT: Wed Nov 19 16:47:46 GMT 2003

Cool, clear, light southwest wind. Altostratus to northwest with scattered patches nearby.

\*\*ECHO PROBLEM\*\*: Wed Nov 19 16:58:56 GMT 2003

Echo time 8 seconds slow. Error message on GPS32 window is:  
Timeout; could not get time.

Restarting GPS program.

Wed Nov 19 16:59:47 GMT 2003 CHIP Start Patrol

Wed Nov 19 16:59:57 GMT 2003 PICS Start Patrol

\*\*ECHO PROBLEM\*\*: Wed Nov 19 17:06:33 GMT 2003

Time did not update, still cannot get time from GPS satellites. Leaving update interval at 1-minute until I can get an update.

PSPT COMMENT: Wed Nov 19 17:20:56 GMT 2003

Observing.

MKIV COMMENT: Wed Nov 19 17:26:47 GMT 2003

Centering O1 as MK4 clears dome cylinder.

Wed Nov 19 17:28:09 GMT 2003 MKIV Start Patrol

Wed Nov 19 18:02:40 GMT 2003 PICS Flat

Wed Nov 19 18:05:09 GMT 2003 PICS End Flat

\*\*ECHO PROBLEM\*\*: Wed Nov 19 18:11:15 GMT 2003

GPS32 has not updated time yet.

Wed Nov 19 18:15:30 GMT 2003 MKIV End Patrol

Wed Nov 19 18:15:41 GMT 2003 MKIV Start Cal

\*\*CHIP PROBLEM\*\*: Wed Nov 19 18:30:03 GMT 2003

Bunny just alerted me that CHIP has been crashed since 1744 UT.

Wed Nov 19 18:32:20 GMT 2003 CHIP LSD

\*\*CHIP PROBLEM\*\*: Wed Nov 19 18:31:48 GMT 2003

Segmentation fault message on cmdtool. Selected End before doing a Cancel Wait (which caused program to resume).

Wed Nov 19 18:34:12 GMT 2003 CHIP End LSD

Wed Nov 19 18:34:37 GMT 2003 MKIV End Cal

Wed Nov 19 18:34:27 GMT 2003 CHIP BiasLSD

Wed Nov 19 18:34:47 GMT 2003 MKIV Start Patrol

Wed Nov 19 18:35:30 GMT 2003 CHIP End BiasLSD

Wed Nov 19 18:35:50 GMT 2003 CHIP Bias

Wed Nov 19 18:36:51 GMT 2003 CHIP End Bias

MKIV COMMENT: Wed Nov 19 18:46:36 GMT 2003

Centered O1.

WEATHER COMMENT: Wed Nov 19 18:49:35 GMT 2003

Altostratus deck from northwest is approaching.

Wed Nov 19 18:50:44 GMT 2003 CHIP End Patrol

CHIP COMMENT: Wed Nov 19 18:50:36 GMT 2003

Selecting Video to get the End/Abort window back. Ending Patrol, ending Video, Restarting Patrol.

Wed Nov 19 18:52:13 GMT 2003 CHIP Start Patrol

WEATHER COMMENT: Wed Nov 19 19:05:15 GMT 2003

In altostratus overcast.

MKIV COMMENT: Wed Nov 19 19:05:54 GMT 2003

Continuing MK4 observations for now, overcast is broken at this time.

Wed Nov 19 19:22:14 GMT 2003 MKIV End Patrol

Wed Nov 19 19:30:54 GMT 2003 MKIV Start Patrol

Wed Nov 19 19:42:57 GMT 2003 MKIV End Patrol

Wed Nov 19 19:43:08 GMT 2003 MKIV Start Patrol

Wed Nov 19 19:49:23 GMT 2003 MKIV End Patrol

\*\*ECHO PROBLEM\*\*: Wed Nov 19 20:17:54 GMT 2003

GPS 32 still hadn't updated time. Still got timeout error message.

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Exited GPS32 program.

Turned GPS receiver off for a minute.

Turned GPS receiver back on.

Restarted GPS program following prescribed routine (1225\TX-0015)

Set update interval to 1-minute until time updated.

TIME UPDATED OK after first minute.

Reset update interval to 60-minutes.

Minimized GPS32 window.

Put clock window up on desktop using Control Panel.

Checked time against WWVH (phone number on phone near ECHO)--Time OK.

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Problem resolved by cycling power on GPS receiver.

Wed Nov 19 22:39:53 GMT 2003 CHIP End Patrol

In heavy orographic clouds.

Wed Nov 19 22:39:57 GMT 2003 PICS End Patrol

PSPT COMMENT: Wed Nov 19 22:40:13 GMT 2003

Idled observations.

COMMENT: Wed Nov 19 22:45:39 GMT 2003

Closing domes as a precaution.

Wed Nov 19 23:28:09 GMT 2003 CHIP Start Patrol

Wed Nov 19 23:28:20 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Wed Nov 19 23:28:05 GMT 2003

Orographic clouds broke up. Opened domes and started up PICS and CHIP again.

PSPT COMMENT: Wed Nov 19 23:28:52 GMT 2003

Resumed observations.

WEATHER COMMENT: Thu Nov 20 00:57:52 GMT 2003

Orographic clouds have pretty much receded now. Sky is very bright near sun.

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Nov 20 02:16:06 GMT 2003

Active region near center of disk has been flaring since around 0100 UT.

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Nov 20 02:17:27 GMT 2003

Active region north of equator near east limb has also been flaring.

PSPT COMMENT: Thu Nov 20 02:33:40 GMT 2003  
Shutting down.

PICS COMMENT: Thu Nov 20 02:57:25 GMT 2003

PICS aperture is setting into the dome wall.

Thu Nov 20 02:58:47 GMT 2003 CHIP End Patrol

Thu Nov 20 02:59:27 GMT 2003 PICS End Patrol

Thu Nov 20 03:00:14 GMT 2003

MkIV

17_28.rawmk4	17_54.rawmk4	18_31.rawmk4	18_58.rawmk4	19_33.rawmk4
17_31.rawmk4	17_57.rawmk4	18_34.rawmk4	19_01.rawmk4	19_36.rawmk4
17_34.rawmk4	18_00.rawmk4	18_37.rawmk4	19_04.rawmk4	19_39.rawmk4
17_37.rawmk4	18_03.rawmk4	18_40.rawmk4	19_07.rawmk4	19_43.rawmk4
17_40.rawmk4	18_06.rawmk4	18_43.rawmk4	19_10.rawmk4	19_46.rawmk4
17_42.rawmk4	18_09.rawmk4	18_46.rawmk4	19_13.rawmk4	c18_15.rawmk4
17_45.rawmk4	18_12.rawmk4	18_49.rawmk4	19_16.rawmk4	c18_21.rawmk4
17_48.rawmk4	18_18.rawmk4	18_52.rawmk4	19_19.rawmk4	c18_27.rawmk4
17_51.rawmk4	18_24.rawmk4	18_55.rawmk4	19_30.rawmk4	