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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 11 16:22:14 GMT 2003

Year: 03 Doy: 162

Observer: yasukawa

WEATHER COMMENT: Wed Jun 11 16:22:15 GMT 2003

Cool, clear, southeast wind.

Wed Jun 11 16:28:31 GMT 2003 CHIP Start Patrol

Wed Jun 11 16:28:45 GMT 2003 PICS Start Patrol

PSPT COMMENT: Wed Jun 11 16:38:42 GMT 2003

PSPT initialized very nicely with image centered in display.

Observing.

MKIV COMMENT: Wed Jun 11 16:41:11 GMT 2003

Centering O1 before starting patrol, sun has just cleared dome wall.

Wed Jun 11 16:41:53 GMT 2003 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Jun 11 16:53:00 GMT 2003

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Jun 11 17:24:54 GMT 2003

Active regions on limb at PA 75-80 and on disk in southeast and northwest quadrants.

MKIV COMMENT: Wed Jun 11 17:50:27 GMT 2003

Centered O1.

Wed Jun 11 17:54:32 GMT 2003 MKIV Start Cal

Wed Jun 11 18:01:54 GMT 2003 CHIP LSD

Wed Jun 11 18:03:45 GMT 2003 PICS Flat

Wed Jun 11 18:03:46 GMT 2003 CHIP End LSD

Wed Jun 11 18:04:07 GMT 2003 CHIP BiasLSD

Wed Jun 11 18:05:00 GMT 2003 CHIP End BiasLSD

Wed Jun 11 18:05:09 GMT 2003 CHIP Bias

Wed Jun 11 18:06:02 GMT 2003 CHIP End Bias

Wed Jun 11 18:06:25 GMT 2003 PICS End Flat

Wed Jun 11 18:14:05 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Wed Jun 11 18:46:29 GMT 2003

Centered O1.

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Jun 11 19:09:07 GMT 2003

Large filament on SE quadrant of disk slowly lifted off from startup at 1630 UT. CME visible off limb at PA 150-160 Ut from 1849 UT as material from disk event moved beyond limb at 1846 UT.

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Jun 11 19:20:08 GMT 2003

CME is faintly visible from PA 120-160 rather than just 150-160.

MKIV COMMENT: Wed Jun 11 19:46:13 GMT 2003

Centered O1.

Wed Jun 11 19:46:30 GMT 2003 CHIP End Patrol

Wed Jun 11 19:46:43 GMT 2003 PICS End Patrol

Wed Jun 11 19:49:28 GMT 2003 MKIV End Patrol

Wed Jun 11 19:53:19 GMT 2003 MKIV Start Patrol

COMMENT: Wed Jun 11 19:53:34 GMT 2003

Reconfigured dome shutter.

Wed Jun 11 19:53:36 GMT 2003 CHIP Start Patrol  
Wed Jun 11 19:53:48 GMT 2003 PICS Start Patrol  
\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Jun 11 20:11:46 GMT 2003  
EPL at PA 285, appearing at 2009 UT.  
\*\*MLSO PROBLEM\*\* : Wed Jun 11 20:37:29 GMT 2003  
POWER outage at 2012. Outage is system wide up here at MLO.  
Moved plugs around to activate monitors and will attempt to shut down  
what I can.  
\*\*MLSO PROBLEM\*\* : Wed Jun 11 23:01:31 GMT 2003  
Power was restored at 2213 UT. Reconfigured power distribution changes  
I made to utilize monitors to halt workstations while UPS was running.  
Working to reboot workstations and restart observations.  
PICS and CHIP were started before logs reestablished. nahenahe had a  
problem with restarting the logs so I had to close things down, logout,  
and restart to re-establish logs.  
\*\*CHIP PROBLEM\*\* : Wed Jun 11 23:06:02 GMT 2003  
Looks like filter needs to re-establish its operating temperature yet.  
Wed Jun 11 23:10:23 GMT 2003 MKIV Start Patrol  
MKIV COMMENT: Wed Jun 11 23:10:40 GMT 2003  
Centered O1 before starting Patrol.  
PSPT COMMENT: Wed Jun 11 23:19:08 GMT 2003  
Observing again.  
WEATHER COMMENT: Wed Jun 11 23:19:19 GMT 2003  
In scattered orographic clouds.  
GONG COMMENT: Wed Jun 11 23:36:57 GMT 2003  
Going down to GONG to reset thing down there.  
GONG COMMENT: Wed Jun 11 23:50:38 GMT 2003  
Back from GONG.  
\*\*MLSO PROBLEM\*\* : Wed Jun 11 23:53:27 GMT 2003  
Hoiike is not updating images beyond power outage.  
\*\*MLSO PROBLEM\*\* : Thu Jun 12 00:12:57 GMT 2003  
did a Luna stop then a Luna start on both kaiee and oopu. CHIP display on  
hoiike began picking up new images, PICS did not.  
\*\*MLSO PROBLEM\*\* : Thu Jun 12 00:15:12 GMT 2003  
The reason CHIP is updating and PICS and MK4 are not may have to do with  
CHIP's shutdown during the power outage and the others not shutting down.  
PICS and MK4 were halted then rebooted.  
\*\*PSPT PROBLEM\*\* : Thu Jun 12 00:46:09 GMT 2003  
Crashed at 09:52 making jpg images. Killed/restarted.  
MKIV COMMENT: Thu Jun 12 00:50:31 GMT 2003  
Centered O1.  
\*\*ECHO PROBLEM\*\* : Thu Jun 12 01:28:06 GMT 2003  
Noticed heliostat was stowed. Stopped observations, Stopped echosys program,  
Restarted GPS program to reset time, restarted echosys. Reset display values.  
\*\*PSPT PROBLEM\*\* : Thu Jun 12 01:29:59 GMT 2003  
PSPT crashed at 0109 UT making jpg images. Killed/restarted.  
\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Jun 12 01:59:10 GMT 2003  
CME at PA 270-290 from 0127 UT.

MKIV COMMENT: Thu Jun 12 02:03:57 GMT 2003  
Centered O1.

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Jun 12 02:05:11 GMT 2003

Origin or result of CME appears to be activity on disk near the west limb.

\*\*MLSO PROBLEM\*\*: Thu Jun 12 02:08:45 GMT 2003

Spar starting to pull at cables. Losing guiding.

\*\*MLSO PROBLEM\*\*: Thu Jun 12 02:11:24 GMT 2003

relieved a little of the strain, but not much without doing a major re-routing and pull.

\*\*MLSO PROBLEM\*\*: Thu Jun 12 02:20:43 GMT 2003

Cables affecting guiding again. Ending observations.

Thu Jun 12 02:21:48 GMT 2003 CHIP End Patrol

Thu Jun 12 02:23:36 GMT 2003 PICS End Patrol

Thu Jun 12 02:24:46 GMT 2003 MKIV End Patrol

\*\*PSPT PROBLEM\*\*: Thu Jun 12 02:25:56 GMT 2003

Crashed again at 0209 UT, making jpg images. Killed. Shutting down.

There's got to be something about making jpeg images at 9 minutes past the hour???

Thu Jun 12 02:33:44 GMT 2003

MkIV

00_00.rawmk4	01_19.rawmk4	16_59.rawmk4	18_31.rawmk4	19_59.rawmk4
00_03.rawmk4	01_22.rawmk4	17_03.rawmk4	18_34.rawmk4	20_02.rawmk4
00_06.rawmk4	01_25.rawmk4	17_06.rawmk4	18_37.rawmk4	20_05.rawmk4
00_09.rawmk4	01_28.rawmk4	17_09.rawmk4	18_40.rawmk4	20_08.rawmk4
00_12.rawmk4	01_31.rawmk4	17_12.rawmk4	18_43.rawmk4	23_10.rawmk4
00_15.rawmk4	01_34.rawmk4	17_15.rawmk4	18_46.rawmk4	23_13.rawmk4
00_18.rawmk4	01_37.rawmk4	17_18.rawmk4	18_49.rawmk4	23_16.rawmk4
00_21.rawmk4	01_40.rawmk4	17_21.rawmk4	18_52.rawmk4	23_19.rawmk4
00_24.rawmk4	01_43.rawmk4	17_24.rawmk4	18_55.rawmk4	23_22.rawmk4
00_26.rawmk4	01_46.rawmk4	17_26.rawmk4	18_58.rawmk4	23_25.rawmk4
00_29.rawmk4	01_49.rawmk4	17_29.rawmk4	19_01.rawmk4	23_28.rawmk4
00_32.rawmk4	01_52.rawmk4	17_32.rawmk4	19_04.rawmk4	23_31.rawmk4
00_35.rawmk4	01_55.rawmk4	17_35.rawmk4	19_07.rawmk4	23_33.rawmk4
00_38.rawmk4	01_58.rawmk4	17_38.rawmk4	19_12.rawmk4	23_36.rawmk4
00_41.rawmk4	02_01.rawmk4	17_41.rawmk4	19_16.rawmk4	23_39.rawmk4
00_44.rawmk4	02_03.rawmk4	17_44.rawmk4	19_19.rawmk4	23_42.rawmk4
00_47.rawmk4	02_06.rawmk4	17_47.rawmk4	19_22.rawmk4	23_45.rawmk4
00_50.rawmk4	02_09.rawmk4	17_50.rawmk4	19_25.rawmk4	23_48.rawmk4
00_53.rawmk4	02_12.rawmk4	17_57.rawmk4	19_28.rawmk4	23_51.rawmk4
00_56.rawmk4	02_15.rawmk4	18_03.rawmk4	19_31.rawmk4	23_54.rawmk4
00_59.rawmk4	02_18.rawmk4	18_09.rawmk4	19_34.rawmk4	23_57.rawmk4
01_02.rawmk4	02_21.rawmk4	18_14.rawmk4	19_37.rawmk4	c17_54.rawmk4
01_05.rawmk4	16_41.rawmk4	18_17.rawmk4	19_40.rawmk4	c18_00.rawmk4
01_08.rawmk4	16_44.rawmk4	18_20.rawmk4	19_43.rawmk4	c18_06.rawmk4
01_11.rawmk4	16_47.rawmk4	18_22.rawmk4	19_46.rawmk4	
01_14.rawmk4	16_50.rawmk4	18_25.rawmk4	19_53.rawmk4	
01_16.rawmk4	16_53.rawmk4	18_28.rawmk4	19_56.rawmk4	