

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Wed Sep 7 16:41:12 GMT 2005

Year: 05 Doy: 250

Observer: yasukawa

WEATHER COMMENT: Wed Sep 7 16:42:11 GMT 2005

Clear, SE wind 14 mph, temp 44 F.

\_\_\_\_end\_\_\_\_

ECHO COMMENT: Wed Sep 7 16:46:19 GMT 2005

Time OK.

\_\_\_\_end\_\_\_\_

A NEW PSPT EXABYTE IS LOADED ON KENOBI Wed Sep 7 16:46:30 GMT 2005

Wed Sep 7 16:46:52 GMT 2005 CHIP Start Patrol

Wed Sep 7 16:47:03 GMT 2005 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Sep 7 16:48:59 GMT 2005

PSPT COMMENT: Wed Sep 7 16:50:14 GMT 2005

Starting up.

\_\_\_\_end\_\_\_\_

Wed Sep 7 17:04:31 GMT 2005 MKIV Start Patrol

PSPT COMMENT: Wed Sep 7 17:04:47 GMT 2005

Observing.

\_\_\_\_end\_\_\_\_

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 17:31:16 GMT 2005

Limbl flare at PA 100 from 1723 UT.

\_\_\_\_end\_\_\_\_

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 17:32:56 GMT 2005

Coronal bright spot beginning to expand, too.

\_\_\_\_end\_\_\_\_

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 17:39:47 GMT 2005

CME at PA 95-120 expanding rapidly.

\_\_\_\_end\_\_\_\_

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 17:57:43 GMT 2005

CME boundaries now at PA 30-160.

\_\_\_\_end\_\_\_\_

Wed Sep 7 18:00:17 GMT 2005 PICS Flat

Wed Sep 7 18:02:41 GMT 2005 PICS End Flat

Wed Sep 7 18:02:49 GMT 2005 PICS ReStart Patrol

Wed Sep 7 18:02:51 GMT 2005 CHIP LSD

Wed Sep 7 18:04:45 GMT 2005 CHIP End LSD

Wed Sep 7 18:04:53 GMT 2005 CHIP BiasLSD

Wed Sep 7 18:05:47 GMT 2005 CHIP End BiasLSD

Wed Sep 7 18:05:56 GMT 2005 CHIP Bias

Wed Sep 7 18:06:49 GMT 2005 CHIP End Bias

Wed Sep 7 18:06:56 GMT 2005 CHIP ReStart Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 18:07:57 GMT 2005

Hmm... Very interesting. What might be a shock wave or internal energy related to the limbl flare lit up a whole string of bright regions on the east hemisphere along the same general latitude.

\_\_\_\_end\_\_\_\_

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 18:11:39 GMT 2005

The CME has now affected more than the entire east limb of the sun.

\_\_\_\_end\_\_\_\_

NICE MK4 IMAGE: 1742

NICE CHIP IMAGE: 1735

NICE PICSLIMB IMAGE: 1742

NICE PICSDISC IMAGE: 1744

WEATHER COMMENT: Wed Sep 7 18:48:14 GMT 2005

Cirrus is moving in from the south and west. Beginning calibration before it gets affected by the cirrus deck.

\_\_\_\_end\_\_\_\_

Wed Sep 7 18:51:48 GMT 2005 MKIV Start Cal

\*\*PSPT PROBLEM\*\*: Wed Sep 7 19:00:41 GMT 2005

26 mph winds from SE buffeting spar.

\_\_\_\_end\_\_\_\_

Wed Sep 7 19:10:31 GMT 2005 MKIV End Cal

Wed Sep 7 19:10:37 GMT 2005 MKIV Start Patrol

WEATHER COMMENT: Wed Sep 7 19:22:14 GMT 2005

In fringes of cirrus deck.

\_\_end\_\_

COMMENT: Wed Sep 7 19:43:47 GMT 2005

Corona relatively stable again, reconfiguring dome shutter.

\_\_end\_\_

Wed Sep 7 19:44:20 GMT 2005 CHIP End Patrol

Wed Sep 7 19:44:40 GMT 2005 PICS End Patrol

Wed Sep 7 19:46:06 GMT 2005 MKIV End Patrol

Wed Sep 7 19:50:28 GMT 2005 MKIV Start Patrol

Wed Sep 7 19:50:45 GMT 2005 CHIP Start Patrol

Wed Sep 7 19:50:56 GMT 2005 PICS Start Patrol

Wed Sep 7 20:02:29 GMT 2005 MKIV End Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Sep 7 20:47:14 GMT 2005

Space Environment center called asking if we did velocity measurements.

I referred him to Joan for more than crude measurements based on our real-time images. They were very impressed with the event and will be giving credit to MLSO.

\_\_end\_\_

COMMENT: Wed Sep 7 21:48:04 GMT 2005

Declination reset itself. Repointed spar and reset guider.

\_\_end\_\_

\*\*PSPT PROBLEM\*\*: Wed Sep 7 22:39:45 GMT 2005

Crashed at 2204. K/R

\_\_end\_\_

Thu Sep 8 00:26:46 GMT 2005 MKIV Start Patrol

WEATHER COMMENT: Thu Sep 8 00:26:53 GMT 2005

Cirrus overcast breaking up a bit, moving out.

\_\_end\_\_

Thu Sep 8 01:02:39 GMT 2005 PICS End Patrol

COMMENT: Thu Sep 8 01:02:47 GMT 2005

Reconfiguring dome shutter.

\_\_end\_\_

Thu Sep 8 01:06:32 GMT 2005 CHIP End Patrol

Thu Sep 8 01:08:11 GMT 2005 MKIV End Patrol

Thu Sep 8 01:12:51 GMT 2005 MKIV Start Patrol

Thu Sep 8 01:13:06 GMT 2005 CHIP Start Patrol

Thu Sep 8 01:13:17 GMT 2005 PICS Start Patrol

WEATHER COMMENT: Thu Sep 8 01:17:44 GMT 2005

Back in broken cirrus.

\_\_end\_\_

Thu Sep 8 01:30:52 GMT 2005 MKIV End Patrol

Thu Sep 8 01:34:14 GMT 2005 MKIV Start Patrol

Thu Sep 8 02:28:52 GMT 2005 CHIP End Patrol

Thu Sep 8 02:29:38 GMT 2005 PICS End Patrol

Thu Sep 8 02:33:30 GMT 2005 MKIV End Patrol

Thu Sep 8 02:36:19 GMT 2005

MkIV

00_26.rawmk4	01_34.rawmk4	17_04.rawmk4	18_03.rawmk4	19_13.rawmk4
00_29.rawmk4	01_37.rawmk4	17_07.rawmk4	18_06.rawmk4	19_16.rawmk4
00_32.rawmk4	01_40.rawmk4	17_10.rawmk4	18_09.rawmk4	19_19.rawmk4
00_35.rawmk4	01_43.rawmk4	17_13.rawmk4	18_12.rawmk4	19_22.rawmk4
00_38.rawmk4	01_45.rawmk4	17_16.rawmk4	18_15.rawmk4	19_25.rawmk4
00_41.rawmk4	01_48.rawmk4	17_19.rawmk4	18_18.rawmk4	19_28.rawmk4
00_44.rawmk4	01_51.rawmk4	17_22.rawmk4	18_21.rawmk4	19_31.rawmk4
00_47.rawmk4	01_54.rawmk4	17_25.rawmk4	18_24.rawmk4	19_34.rawmk4
00_50.rawmk4	01_57.rawmk4	17_28.rawmk4	18_27.rawmk4	19_37.rawmk4
00_53.rawmk4	02_00.rawmk4	17_31.rawmk4	18_30.rawmk4	19_39.rawmk4
00_56.rawmk4	02_03.rawmk4	17_34.rawmk4	18_32.rawmk4	19_42.rawmk4
00_59.rawmk4	02_06.rawmk4	17_36.rawmk4	18_35.rawmk4	19_50.rawmk4
01_01.rawmk4	02_09.rawmk4	17_39.rawmk4	18_38.rawmk4	19_53.rawmk4
01_05.rawmk4	02_12.rawmk4	17_42.rawmk4	18_41.rawmk4	19_56.rawmk4
01_12.rawmk4	02_15.rawmk4	17_45.rawmk4	18_44.rawmk4	19_59.rawmk4
01_15.rawmk4	02_18.rawmk4	17_48.rawmk4	18_47.rawmk4	c18_51.rawmk4
01_18.rawmk4	02_21.rawmk4	17_51.rawmk4	18_54.rawmk4	c18_57.rawmk4
01_21.rawmk4	02_24.rawmk4	17_54.rawmk4	19_01.rawmk4	c19_04.rawmk4

01\_24.rawmk4 02\_27.rawmk4 17\_57.rawmk4 19\_07.rawmk4  
01\_27.rawmk4 02\_30.rawmk4 18\_00.rawmk4 19\_10.rawmk4