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Mauna Loa Solar Observatory Observer's Log  
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Tue Jan 15 17:19:26 GMT 2002

Year: 02 Doy: 015

Observer: yasukawa

WEATHER COMMENT: Tue Jan 15 17:19:30 GMT 2002

Cool, clear, no wind.

Tue Jan 15 17:27:22 GMT 2002 CHIP Start Patrol

Tue Jan 15 17:29:15 GMT 2002 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jan 15 17:31:41 GMT 2002

PSPT COMMENT: Tue Jan 15 17:51:34 GMT 2002

Start observations.

Tue Jan 15 18:02:05 GMT 2002 CHIP LSD

Tue Jan 15 18:04:25 GMT 2002 CHIP End LSD

Tue Jan 15 18:04:37 GMT 2002 CHIP BiasLSD

Tue Jan 15 18:05:35 GMT 2002 CHIP End BiasLSD

Tue Jan 15 18:05:53 GMT 2002 CHIP Bias

Tue Jan 15 18:06:55 GMT 2002 CHIP End Bias

\*\*PSPT PROBLEM\*\*: Tue Jan 15 18:14:35 GMT 2002

Images were not centered when I checked so I aborted observing program and started the Center Image routine. Centering failed due to what looked like active mirror oscillations (out of focus "ringworm" features where active regions reside). Image looked well centered, otherwise, so I restarted Daily Observations.

\*\*\*\* EVENT COMMENT \*\*\*\*: Tue Jan 15 18:29:57 GMT 2002

CME at PA 230-260, possibly starting before 1741 when west limb began clearing the dome wall.

\*\*PSPT PROBLEM\*\*: Tue Jan 15 18:35:57 GMT 2002

Image discovered off center again. aborted and restarted.

Both times sun was in northwest corner of display.

Centering within Daily Obs routine proceeded without the oscillations this time.

Tue Jan 15 19:03:00 GMT 2002 CHIP LSD

Tue Jan 15 19:05:13 GMT 2002 CHIP End LSD

Tue Jan 15 19:05:24 GMT 2002 CHIP BiasLSD

Tue Jan 15 19:06:25 GMT 2002 CHIP End BiasLSD

Tue Jan 15 19:06:38 GMT 2002 CHIP Bias

Tue Jan 15 19:07:36 GMT 2002 CHIP End Bias

\*\*\*\* EVENT COMMENT \*\*\*\*: Tue Jan 15 19:27:11 GMT 2002

There was a surge on the limb at PA 85 from 1748-1848 UT visible in the CHIP animation.

Tue Jan 15 20:00:06 GMT 2002 CHIP LSD

Tue Jan 15 20:02:25 GMT 2002 CHIP End LSD

Tue Jan 15 20:02:43 GMT 2002 CHIP BiasLSD

Tue Jan 15 20:03:41 GMT 2002 CHIP End BiasLSD

Tue Jan 15 20:04:02 GMT 2002 CHIP Bias

Tue Jan 15 20:05:05 GMT 2002 CHIP End Bias

Tue Jan 15 21:00:58 GMT 2002 CHIP LSD  
 Tue Jan 15 21:03:12 GMT 2002 CHIP End LSD  
 Tue Jan 15 21:03:22 GMT 2002 CHIP BiasLSD  
 Tue Jan 15 21:04:14 GMT 2002 CHIP End BiasLSD  
 Tue Jan 15 21:04:29 GMT 2002 CHIP Bias  
 Tue Jan 15 21:05:31 GMT 2002 CHIP End Bias  
 MKIV COMMENT: Tue Jan 15 21:21:56 GMT 2002  
 Forgot to calibrate earlier, doing it now.  
 Tue Jan 15 21:25:02 GMT 2002 MKIV End Patrol  
 Tue Jan 15 21:25:13 GMT 2002 MKIV Start Cal  
 Tue Jan 15 21:44:04 GMT 2002 MKIV End Cal  
 Tue Jan 15 21:44:17 GMT 2002 MKIV Start Patrol  
 Tue Jan 15 22:01:00 GMT 2002 CHIP LSD  
 Tue Jan 15 22:03:18 GMT 2002 CHIP End LSD  
 Tue Jan 15 22:03:36 GMT 2002 CHIP BiasLSD  
 Tue Jan 15 22:04:25 GMT 2002 CHIP End BiasLSD  
 Tue Jan 15 22:04:33 GMT 2002 CHIP Bias  
 Tue Jan 15 22:05:15 GMT 2002 CHIP End Bias  
 Tue Jan 15 22:07:23 GMT 2002 CHIP End Patrol  
 Tue Jan 15 22:08:06 GMT 2002 MKIV End Patrol

PSPT COMMENT: Tue Jan 15 22:13:24 GMT 2002

Stopped observations.

Tue Jan 15 22:13:49 GMT 2002

MkIV

17_29.rawmk4	18_25.rawmk4	19_21.rawmk4	20_17.rawmk4	21_13.rawmk4
17_32.rawmk4	18_28.rawmk4	19_24.rawmk4	20_20.rawmk4	21_15.rawmk4
17_35.rawmk4	18_31.rawmk4	19_27.rawmk4	20_22.rawmk4	21_18.rawmk4
17_38.rawmk4	18_34.rawmk4	19_29.rawmk4	20_25.rawmk4	21_21.rawmk4
17_41.rawmk4	18_37.rawmk4	19_32.rawmk4	20_28.rawmk4	21_28.rawmk4
17_44.rawmk4	18_40.rawmk4	19_35.rawmk4	20_31.rawmk4	21_34.rawmk4
17_47.rawmk4	18_42.rawmk4	19_38.rawmk4	20_34.rawmk4	21_40.rawmk4
17_49.rawmk4	18_45.rawmk4	19_41.rawmk4	20_37.rawmk4	21_44.rawmk4
17_52.rawmk4	18_48.rawmk4	19_44.rawmk4	20_40.rawmk4	21_47.rawmk4
17_55.rawmk4	18_51.rawmk4	19_47.rawmk4	20_43.rawmk4	21_50.rawmk4
17_58.rawmk4	18_54.rawmk4	19_50.rawmk4	20_46.rawmk4	21_53.rawmk4
18_01.rawmk4	18_57.rawmk4	19_53.rawmk4	20_49.rawmk4	21_56.rawmk4
18_04.rawmk4	19_00.rawmk4	19_56.rawmk4	20_52.rawmk4	21_59.rawmk4
18_07.rawmk4	19_03.rawmk4	19_59.rawmk4	20_55.rawmk4	22_01.rawmk4
18_10.rawmk4	19_06.rawmk4	20_02.rawmk4	20_58.rawmk4	22_04.rawmk4
18_13.rawmk4	19_09.rawmk4	20_05.rawmk4	21_01.rawmk4	c21_25.rawmk4
18_16.rawmk4	19_12.rawmk4	20_08.rawmk4	21_04.rawmk4	c21_31.rawmk4
18_19.rawmk4	19_15.rawmk4	20_11.rawmk4	21_07.rawmk4	c21_37.rawmk4
18_22.rawmk4	19_18.rawmk4	20_14.rawmk4	21_10.rawmk4	