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Mauna Loa Solar Observatory Observer's Log  
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Fri Nov 21 16:55:16 GMT 2003

Year: 03 Doy: 325

Observer: yasukawa

WEATHER COMMENT: Fri Nov 21 16:55:35 GMT 2003

Cool, in altocumulus deck, west wind.

Fri Nov 21 17:01:33 GMT 2003 CHIP Start Patrol

Fri Nov 21 17:01:50 GMT 2003 PICS Start Patrol

ECHO COMMENT: Fri Nov 21 17:03:31 GMT 2003

Echo time OK.

PSPT COMMENT: Fri Nov 21 17:19:09 GMT 2003

observing

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Nov 21 17:19:18 GMT 2003

MKIV COMMENT: Fri Nov 21 17:32:34 GMT 2003

Sun cleared altocumulus deck, centering O1.

Fri Nov 21 17:33:09 GMT 2003 MKIV Start Patrol

Fri Nov 21 18:01:52 GMT 2003 CHIP LSD

Fri Nov 21 18:03:03 GMT 2003 MKIV End Patrol

Fri Nov 21 18:03:15 GMT 2003 MKIV Start Cal

Fri Nov 21 18:03:36 GMT 2003 CHIP End LSD

Fri Nov 21 18:03:50 GMT 2003 CHIP BiasLSD

Fri Nov 21 18:03:53 GMT 2003 PICS Flat

Fri Nov 21 18:04:51 GMT 2003 CHIP End BiasLSD

Fri Nov 21 18:05:08 GMT 2003 CHIP Bias

Fri Nov 21 18:06:08 GMT 2003 CHIP End Bias

Fri Nov 21 18:06:38 GMT 2003 PICS End Flat

MKIV COMMENT: Fri Nov 21 18:21:51 GMT 2003

Centered O1.

Fri Nov 21 18:22:17 GMT 2003 MKIV End Cal

Fri Nov 21 18:22:28 GMT 2003 MKIV Start Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Nov 21 18:42:00 GMT 2003

Active region at PA 300 surging throughout morning.

MKIV COMMENT: Fri Nov 21 19:35:58 GMT 2003

Centered O1.

MKIV COMMENT: Fri Nov 21 20:31:47 GMT 2003

Centered O1.

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Nov 21 20:56:44 GMT 2003

There appears to have been a CME at PA 70-90 appearing in the 1923-1927  
mk4 images.

MKIV COMMENT: Fri Nov 21 21:36:24 GMT 2003

Centered O1.

MKIV COMMENT: Fri Nov 21 22:35:09 GMT 2003

Centered O1.

MKIV COMMENT: Fri Nov 21 23:26:53 GMT 2003

Centered O1.

\*\*\*\* EVENT COMMENT \*\*\*\*: Sat Nov 22 00:22:51 GMT 2003

small surge in active region in northeast quadrant from 2355 UT.

MKIV COMMENT: Sat Nov 22 00:51:02 GMT 2003

Centered O1.

COMMENT: Sat Nov 22 01:13:21 GMT 2003

Declination reset. Repointed and reset guider.

\*\*MKIV PROBLEM\*\* Sat Nov 22 01:17:42 GMT 2003

Overshot dome azimuth adjustment a little. Made correction.

\*\*\*\* EVENT COMMENT \*\*\*\*: Sat Nov 22 01:53:31 GMT 2003

The three major active regions on the disk have been flaring off and on this afternoon.

PSPT COMMENT: Sat Nov 22 02:26:22 GMT 2003

Shutting down PSPT.

Sat Nov 22 02:29:22 GMT 2003 PICS End Patrol

\*\*CHIP PROBLEM\*\* Sat Nov 22 02:30:14 GMT 2003

CHIP crashed after 0039 UT, there was a segmentation fault.

Shutting it down for the day after restarting with a Cancel WaitCamera.

Sat Nov 22 02:32:18 GMT 2003 CHIP End Patrol

Sat Nov 22 02:37:28 GMT 2003

MkIV

00_02.rawmk4	01_52.rawmk4	18_51.rawmk4	20_37.rawmk4	22_23.rawmk4
00_05.rawmk4	01_55.rawmk4	18_54.rawmk4	20_40.rawmk4	22_26.rawmk4
00_11.rawmk4	02_01.rawmk4	18_57.rawmk4	20_43.rawmk4	22_29.rawmk4
00_15.rawmk4	02_05.rawmk4	19_00.rawmk4	20_46.rawmk4	22_32.rawmk4
00_18.rawmk4	02_08.rawmk4	19_03.rawmk4	20_49.rawmk4	22_35.rawmk4
00_21.rawmk4	02_11.rawmk4	19_06.rawmk4	20_52.rawmk4	22_38.rawmk4
00_24.rawmk4	02_14.rawmk4	19_09.rawmk4	20_55.rawmk4	22_41.rawmk4
00_27.rawmk4	02_17.rawmk4	19_12.rawmk4	20_58.rawmk4	22_43.rawmk4
00_30.rawmk4	02_20.rawmk4	19_15.rawmk4	21_01.rawmk4	22_46.rawmk4
00_33.rawmk4	02_23.rawmk4	19_18.rawmk4	21_04.rawmk4	22_49.rawmk4
00_36.rawmk4	02_25.rawmk4	19_21.rawmk4	21_06.rawmk4	22_52.rawmk4
00_39.rawmk4	02_28.rawmk4	19_24.rawmk4	21_09.rawmk4	22_58.rawmk4
00_42.rawmk4	02_31.rawmk4	19_27.rawmk4	21_12.rawmk4	23_02.rawmk4
00_45.rawmk4	17_33.rawmk4	19_30.rawmk4	21_15.rawmk4	23_08.rawmk4
00_48.rawmk4	17_36.rawmk4	19_33.rawmk4	21_18.rawmk4	23_12.rawmk4
00_51.rawmk4	17_39.rawmk4	19_35.rawmk4	21_21.rawmk4	23_15.rawmk4
00_53.rawmk4	17_42.rawmk4	19_38.rawmk4	21_24.rawmk4	23_18.rawmk4
00_56.rawmk4	17_44.rawmk4	19_41.rawmk4	21_27.rawmk4	23_20.rawmk4
00_59.rawmk4	17_47.rawmk4	19_44.rawmk4	21_30.rawmk4	23_23.rawmk4
01_02.rawmk4	17_50.rawmk4	19_47.rawmk4	21_33.rawmk4	23_26.rawmk4
01_05.rawmk4	17_53.rawmk4	19_50.rawmk4	21_36.rawmk4	23_29.rawmk4
01_08.rawmk4	17_56.rawmk4	19_53.rawmk4	21_39.rawmk4	23_32.rawmk4
01_11.rawmk4	17_59.rawmk4	19_56.rawmk4	21_42.rawmk4	23_35.rawmk4
01_14.rawmk4	18_06.rawmk4	19_59.rawmk4	21_45.rawmk4	23_38.rawmk4
01_17.rawmk4	18_12.rawmk4	20_02.rawmk4	21_48.rawmk4	23_41.rawmk4
01_20.rawmk4	18_18.rawmk4	20_05.rawmk4	21_51.rawmk4	23_44.rawmk4
01_23.rawmk4	18_22.rawmk4	20_08.rawmk4	21_54.rawmk4	23_47.rawmk4
01_26.rawmk4	18_25.rawmk4	20_11.rawmk4	21_57.rawmk4	23_50.rawmk4

01_29.rawmk4	18_28.rawmk4	20_14.rawmk4	21_59.rawmk4	23_53.rawmk4
01_32.rawmk4	18_31.rawmk4	20_17.rawmk4	22_02.rawmk4	23_56.rawmk4
01_35.rawmk4	18_34.rawmk4	20_20.rawmk4	22_05.rawmk4	c18_03.rawmk4
01_38.rawmk4	18_37.rawmk4	20_22.rawmk4	22_08.rawmk4	c18_09.rawmk4
01_40.rawmk4	18_40.rawmk4	20_25.rawmk4	22_11.rawmk4	c18_15.rawmk4
01_43.rawmk4	18_43.rawmk4	20_28.rawmk4	22_14.rawmk4	
01_46.rawmk4	18_46.rawmk4	20_31.rawmk4	22_17.rawmk4	
01_49.rawmk4	18_48.rawmk4	20_34.rawmk4	22_20.rawmk4	