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Mauna Loa Solar Observatory Observer's Log  
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Mon Jan 12 17:18:14 GMT 2004

Year: 04 Doy: 012

Observer: yasukawa

WEATHER COMMENT: Mon Jan 12 17:18:42 GMT 2004

Cold, clear, west wind.

Mon Jan 12 17:26:12 GMT 2004 CHIP Start Patrol

Mon Jan 12 17:26:24 GMT 2004 PICS Start Patrol

ECHO COMMENT: Mon Jan 12 17:28:11 GMT 2004

Time OK.

PSPT COMMENT: Mon Jan 12 17:28:18 GMT 2004

Starting up.

**\*\*ECHO PROBLEM\*\***: Mon Jan 12 17:34:13 GMT 2004

Light feed physically pointing to approximate location of sun when sighting across the top of unit. No image in display at this time. May need to increase HA or DEC error to use to pull image onto guiders.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Jan 12 17:41:11 GMT 2004

PSPT COMMENT: Mon Jan 12 17:41:40 GMT 2004

Observing.

ECHO COMMENT: Mon Jan 12 17:48:32 GMT 2004

Incrementally changed the HA error to use from 0.5 to 1.0. Somewhere between 0.4, where I increased the increments, I got ECHO to pull in the solar image onto the display. Guiding OK now.

MKIV COMMENT: Mon Jan 12 17:56:39 GMT 2004

Centering O1.

Mon Jan 12 17:56:54 GMT 2004 MKIV Start Patrol

Mon Jan 12 18:01:41 GMT 2004 PICS Flat

Mon Jan 12 18:02:48 GMT 2004 CHIP LSD

Mon Jan 12 18:03:59 GMT 2004 PICS End Flat

Mon Jan 12 18:04:38 GMT 2004 CHIP End LSD

Mon Jan 12 18:04:58 GMT 2004 CHIP BiasLSD

Mon Jan 12 18:05:59 GMT 2004 CHIP End BiasLSD

Mon Jan 12 18:06:15 GMT 2004 CHIP Bias

Mon Jan 12 18:07:17 GMT 2004 CHIP End Bias

GONG COMMENT: Mon Jan 12 18:17:12 GMT 2004

Going down to GONG to do the weekly PM.

GONG COMMENT: Mon Jan 12 18:36:35 GMT 2004

Back from GONG.

MKIV COMMENT: Mon Jan 12 18:58:53 GMT 2004

Centered O1.

Mon Jan 12 19:02:13 GMT 2004 MKIV End Patrol

Mon Jan 12 19:02:23 GMT 2004 MKIV Start Cal

Mon Jan 12 19:21:49 GMT 2004 MKIV End Cal

Mon Jan 12 19:21:54 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Mon Jan 12 20:00:12 GMT 2004

Centered O1.

MKIV COMMENT: Mon Jan 12 21:04:58 GMT 2004  
Centered O1.

MKIV COMMENT: Mon Jan 12 22:03:53 GMT 2004  
Centered O1.

\*\*\*\* EVENT COMMENT \*\*\*\*: Mon Jan 12 22:18:34 GMT 2004  
Looping CME at PA 90 from 2212 UT.

\*\*MKIV PROBLEM\*\*: Mon Jan 12 22:24:39 GMT 2004

Bright feature at PA 100-110 is an artifact caused by the cramped dome slot  
at midday syndrome.

MKIV COMMENT: Mon Jan 12 23:35:05 GMT 2004  
Centered O1.

MKIV COMMENT: Tue Jan 13 00:58:19 GMT 2004  
Centered O1.

COMMENT: Tue Jan 13 01:08:22 GMT 2004  
Declination reset, repointed and reset guider.

\*\*\*\* EVENT COMMENT \*\*\*\*: Tue Jan 13 01:35:23 GMT 2004  
Limbflare at PA 82 from 0123 UT.

\*\*\*\* EVENT COMMENT \*\*\*\*: Tue Jan 13 01:54:35 GMT 2004  
There is a faint CME over the limbflare region. CME appears from about  
0130 UT.

Tue Jan 13 01:59:21 GMT 2004 CHIP End Patrol

Tue Jan 13 02:06:13 GMT 2004 PICS End Patrol

Tue Jan 13 02:06:52 GMT 2004

MkIV

00_01.rawmk4	01_42.rawmk4	19_27.rawmk4	21_04.rawmk4	22_42.rawmk4
00_04.rawmk4	01_45.rawmk4	19_30.rawmk4	21_07.rawmk4	22_44.rawmk4
00_10.rawmk4	01_48.rawmk4	19_33.rawmk4	21_10.rawmk4	22_47.rawmk4
00_14.rawmk4	01_51.rawmk4	19_36.rawmk4	21_13.rawmk4	22_50.rawmk4
00_17.rawmk4	01_54.rawmk4	19_39.rawmk4	21_16.rawmk4	22_53.rawmk4
00_20.rawmk4	01_57.rawmk4	19_42.rawmk4	21_19.rawmk4	22_56.rawmk4
00_22.rawmk4	02_00.rawmk4	19_45.rawmk4	21_22.rawmk4	22_59.rawmk4
00_25.rawmk4	17_56.rawmk4	19_48.rawmk4	21_25.rawmk4	23_02.rawmk4
00_28.rawmk4	17_59.rawmk4	19_51.rawmk4	21_28.rawmk4	23_05.rawmk4
00_31.rawmk4	18_02.rawmk4	19_54.rawmk4	21_31.rawmk4	23_08.rawmk4
00_34.rawmk4	18_05.rawmk4	19_57.rawmk4	21_34.rawmk4	23_11.rawmk4
00_37.rawmk4	18_08.rawmk4	20_00.rawmk4	21_37.rawmk4	23_14.rawmk4
00_40.rawmk4	18_11.rawmk4	20_03.rawmk4	21_40.rawmk4	23_17.rawmk4
00_43.rawmk4	18_14.rawmk4	20_06.rawmk4	21_43.rawmk4	23_20.rawmk4
00_46.rawmk4	18_17.rawmk4	20_08.rawmk4	21_46.rawmk4	23_23.rawmk4
00_49.rawmk4	18_20.rawmk4	20_11.rawmk4	21_49.rawmk4	23_26.rawmk4
00_52.rawmk4	18_23.rawmk4	20_14.rawmk4	21_52.rawmk4	23_29.rawmk4
00_55.rawmk4	18_26.rawmk4	20_17.rawmk4	21_55.rawmk4	23_32.rawmk4
00_58.rawmk4	18_29.rawmk4	20_20.rawmk4	21_57.rawmk4	23_35.rawmk4
01_01.rawmk4	18_32.rawmk4	20_23.rawmk4	22_00.rawmk4	23_38.rawmk4
01_04.rawmk4	18_35.rawmk4	20_26.rawmk4	22_03.rawmk4	23_40.rawmk4
01_07.rawmk4	18_38.rawmk4	20_29.rawmk4	22_06.rawmk4	23_43.rawmk4
01_10.rawmk4	18_41.rawmk4	20_32.rawmk4	22_09.rawmk4	23_46.rawmk4

01_12.rawmk4	18_44.rawmk4	20_35.rawmk4	22_12.rawmk4	23_49.rawmk4
01_16.rawmk4	18_47.rawmk4	20_38.rawmk4	22_15.rawmk4	23_52.rawmk4
01_18.rawmk4	18_50.rawmk4	20_41.rawmk4	22_18.rawmk4	23_55.rawmk4
01_21.rawmk4	18_52.rawmk4	20_44.rawmk4	22_21.rawmk4	23_58.rawmk4
01_24.rawmk4	18_55.rawmk4	20_47.rawmk4	22_24.rawmk4	c19_02.rawmk4
01_27.rawmk4	18_58.rawmk4	20_50.rawmk4	22_27.rawmk4	c19_08.rawmk4
01_30.rawmk4	19_05.rawmk4	20_53.rawmk4	22_30.rawmk4	c19_14.rawmk4
01_33.rawmk4	19_11.rawmk4	20_56.rawmk4	22_33.rawmk4	
01_36.rawmk4	19_21.rawmk4	20_59.rawmk4	22_36.rawmk4	
01_39.rawmk4	19_24.rawmk4	21_01.rawmk4	22_39.rawmk4	