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Mauna Loa Solar Observatory Observer's Log  
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Thu Dec 19 17:33:32 GMT 2002

Year: 02 Doy: 353

Observer: koon

Thu Dec 19 17:38:37 GMT 2002 CHIP Start Patrol

Thu Dec 19 17:38:45 GMT 2002 PICS Start Patrol

WEATHER COMMENT: Thu Dec 19 17:33:44 GMT 2002

Clear sky, wind=5 mph from the SW, temp=35 F.

Thu Dec 19 17:39:30 GMT 2002 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Dec 19 17:45:53 GMT 2002

Thu Dec 19 18:02:25 GMT 2002 PICS Flat

Thu Dec 19 18:02:49 GMT 2002 CHIP LSD

Thu Dec 19 18:04:36 GMT 2002 CHIP End LSD

Thu Dec 19 18:04:44 GMT 2002 PICS End Flat

Thu Dec 19 18:04:53 GMT 2002 CHIP BiasLSD

Thu Dec 19 18:05:41 GMT 2002 CHIP End BiasLSD

Thu Dec 19 18:05:49 GMT 2002 CHIP Bias

PSPT COMMENT: Thu Dec 19 18:06:39 GMT 2002

Observing.

Thu Dec 19 18:06:38 GMT 2002 CHIP End Bias

Thu Dec 19 19:39:16 GMT 2002 MKIV End Patrol

Thu Dec 19 19:39:28 GMT 2002 MKIV Start Cal

Thu Dec 19 19:58:15 GMT 2002 MKIV End Cal

Thu Dec 19 19:58:29 GMT 2002 MKIV Start Patrol

MKIV COMMENT: Thu Dec 19 20:57:17 GMT 2002

Centered occulting. I forgot to log that I did this at the beginning of the day and about 1.5 hours ago too.

MKIV COMMENT: Thu Dec 19 21:47:16 GMT 2002

Centered occulting.

MKIV COMMENT: Thu Dec 19 22:10:51 GMT 2002

Centered occulting.

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Dec 19 22:11:07 GMT 2002

There appears to be a fast CME in progress at PA=340.

\*\*MKIV PROBLEM\*\*: Thu Dec 19 22:13:48 GMT 2002

The 2207 GIF image looks bad, darkened and without detail, but then the 2210 image looks OK again.

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Dec 19 23:00:07 GMT 2002

A Huge flare accompanied the CME, in that complicated Active Region in the North.

WEATHER COMMENT: Thu Dec 19 23:51:21 GMT 2002

Orographic clouds are starting to pass over.

MKIV COMMENT: Thu Dec 19 23:52:46 GMT 2002

Active region has stabilized, shutting down.

Thu Dec 19 23:54:12 GMT 2002 MKIV End Patrol

Thu Dec 19 23:54:27 GMT 2002 PICS End Patrol

Thu Dec 19 23:54:51 GMT 2002 CHIP End Patrol

Fri Dec 20 00:00:45 GMT 2002

MkIV

17_39.rawmk4	19_00.rawmk4	20_24.rawmk4	21_38.rawmk4	22_51.rawmk4
17_42.rawmk4	19_03.rawmk4	20_27.rawmk4	21_41.rawmk4	22_54.rawmk4
17_45.rawmk4	19_06.rawmk4	20_30.rawmk4	21_44.rawmk4	22_57.rawmk4
17_48.rawmk4	19_09.rawmk4	20_33.rawmk4	21_47.rawmk4	23_00.rawmk4
17_51.rawmk4	19_12.rawmk4	20_36.rawmk4	21_50.rawmk4	23_03.rawmk4
17_54.rawmk4	19_15.rawmk4	20_39.rawmk4	21_53.rawmk4	23_06.rawmk4
17_57.rawmk4	19_18.rawmk4	20_42.rawmk4	21_56.rawmk4	23_09.rawmk4
18_00.rawmk4	19_21.rawmk4	20_45.rawmk4	21_59.rawmk4	23_12.rawmk4
18_03.rawmk4	19_24.rawmk4	20_48.rawmk4	22_01.rawmk4	23_15.rawmk4
18_06.rawmk4	19_27.rawmk4	20_51.rawmk4	22_04.rawmk4	23_18.rawmk4
18_09.rawmk4	19_30.rawmk4	20_54.rawmk4	22_07.rawmk4	23_21.rawmk4
18_12.rawmk4	19_33.rawmk4	20_57.rawmk4	22_10.rawmk4	23_24.rawmk4
18_14.rawmk4	19_36.rawmk4	21_00.rawmk4	22_13.rawmk4	23_27.rawmk4
18_17.rawmk4	19_42.rawmk4	21_03.rawmk4	22_16.rawmk4	23_30.rawmk4
18_20.rawmk4	19_48.rawmk4	21_06.rawmk4	22_19.rawmk4	23_33.rawmk4
18_23.rawmk4	19_54.rawmk4	21_09.rawmk4	22_22.rawmk4	23_36.rawmk4
18_26.rawmk4	19_58.rawmk4	21_11.rawmk4	22_25.rawmk4	23_39.rawmk4
18_32.rawmk4	20_01.rawmk4	21_14.rawmk4	22_28.rawmk4	23_42.rawmk4
18_36.rawmk4	20_04.rawmk4	21_17.rawmk4	22_31.rawmk4	23_44.rawmk4
18_42.rawmk4	20_07.rawmk4	21_20.rawmk4	22_34.rawmk4	23_47.rawmk4
18_46.rawmk4	20_10.rawmk4	21_23.rawmk4	22_37.rawmk4	23_50.rawmk4
18_48.rawmk4	20_13.rawmk4	21_26.rawmk4	22_40.rawmk4	c19_39.rawmk4
18_51.rawmk4	20_16.rawmk4	21_29.rawmk4	22_43.rawmk4	c19_45.rawmk4
18_54.rawmk4	20_19.rawmk4	21_32.rawmk4	22_46.rawmk4	c19_51.rawmk4
18_57.rawmk4	20_21.rawmk4	21_35.rawmk4	22_49.rawmk4	