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Mauna Loa Solar Observatory Observer's Log  
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Sun Jul 11 16:39:26 GMT 2010

Year: 10 Doy: 192

Observer: berkey

Sun Jul 11 16:45:23 GMT 2010 MKIV Start Patrol

WEATHER COMMENT: Sun Jul 11 16:46:39 GMT 2010

Clear skies, temp 50F, wind 5mph from the east

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

Sun Jul 11 16:47:25 GMT 2010 CHIP Start Patrol

NOTE BY BEN: Sun Jul 11 17:09:26 GMT 2010

Begin Partial eclipse.

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

Sun Jul 11 17:16:30 GMT 2010 MKIV End Patrol

Sun Jul 11 17:16:36 GMT 2010 MKIV Start Cal

Sun Jul 11 17:36:06 GMT 2010 MKIV Start Patrol

Sun Jul 11 18:02:39 GMT 2010 CHIP LSD

Sun Jul 11 18:04:12 GMT 2010 CHIP End LSD

Sun Jul 11 18:04:24 GMT 2010 CHIP BiasLSD

Sun Jul 11 18:05:14 GMT 2010 CHIP End BiasLSD

Sun Jul 11 18:05:22 GMT 2010 CHIP Bias

Sun Jul 11 18:06:09 GMT 2010 CHIP End Bias

Sun Jul 11 18:06:21 GMT 2010 CHIP ReStart Patrol

MKIV COMMENT BY BEN: Sun Jul 11 18:12:14 GMT 2010

There is a strange dark "bubble" that can be seen moving across the bottom of the m4k realtime gifs this morning starting at 17:19 to about 18:06. Is this a data reduction artifact, or something physical in mkiv?

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

NOTE BY BEN: Sun Jul 11 18:14:39 GMT 2010

Begin total eclipse.

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

NOTE BY BEN: Sun Jul 11 18:43:10 GMT 2010

Looks like the eclipse sites in the western pacific are somewhat cloudy today. to bad

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Sun Jul 11 18:45:17 GMT 2010

Small flare in the active region associated with sunspot 1087 at 18:10UT

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

Sun Jul 11 20:29:35 GMT 2010 CHIP End Patrol

Sun Jul 11 20:51:27 GMT 2010 MKIV End Patrol

Sun Jul 11 20:54:42 GMT 2010 MKIV Start Patrol

Sun Jul 11 20:54:58 GMT 2010 CHIP Start Patrol

NOTE BY BEN: Sun Jul 11 20:57:18 GMT 2010

Out of total

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Sun Jul 11 21:17:01 GMT 2010

small epl at PA 140 at about 20:30Ut

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

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Sun Jul 11 21:18:19 GMT 2010

Larger flare in the active region associated with sunspot 1087 at 20:10UT  
\_\_\_\_end\_\_\_\_

Sun Jul 11 22:30:05 GMT 2010 CHIP End Patrol

Sun Jul 11 22:35:58 GMT 2010 MKIV End Patrol

Sun Jul 11 22:36:15 GMT 2010

MkIV

16_45.rawmk4	18_09.rawmk4	19_17.rawmk4	20_24.rawmk4	21_39.rawmk4
16_49.rawmk4	18_12.rawmk4	19_19.rawmk4	20_27.rawmk4	21_42.rawmk4
16_52.rawmk4	18_15.rawmk4	19_22.rawmk4	20_30.rawmk4	21_45.rawmk4
16_55.rawmk4	18_18.rawmk4	19_25.rawmk4	20_33.rawmk4	21_48.rawmk4
16_58.rawmk4	18_21.rawmk4	19_28.rawmk4	20_36.rawmk4	21_51.rawmk4
17_01.rawmk4	18_24.rawmk4	19_31.rawmk4	20_39.rawmk4	21_54.rawmk4
17_04.rawmk4	18_27.rawmk4	19_34.rawmk4	20_42.rawmk4	21_57.rawmk4
17_07.rawmk4	18_29.rawmk4	19_37.rawmk4	20_45.rawmk4	22_00.rawmk4
17_10.rawmk4	18_32.rawmk4	19_40.rawmk4	20_48.rawmk4	22_03.rawmk4
17_13.rawmk4	18_35.rawmk4	19_43.rawmk4	20_54.rawmk4	22_06.rawmk4
17_19.rawmk4	18_38.rawmk4	19_46.rawmk4	20_57.rawmk4	22_09.rawmk4
17_25.rawmk4	18_41.rawmk4	19_49.rawmk4	21_00.rawmk4	22_12.rawmk4
17_31.rawmk4	18_44.rawmk4	19_52.rawmk4	21_03.rawmk4	22_15.rawmk4
17_36.rawmk4	18_47.rawmk4	19_55.rawmk4	21_09.rawmk4	22_17.rawmk4
17_39.rawmk4	18_50.rawmk4	19_58.rawmk4	21_13.rawmk4	22_20.rawmk4
17_41.rawmk4	18_53.rawmk4	20_01.rawmk4	21_16.rawmk4	22_23.rawmk4
17_44.rawmk4	18_56.rawmk4	20_04.rawmk4	21_19.rawmk4	22_26.rawmk4
17_50.rawmk4	18_59.rawmk4	20_06.rawmk4	21_22.rawmk4	22_29.rawmk4
17_54.rawmk4	19_02.rawmk4	20_09.rawmk4	21_25.rawmk4	22_32.rawmk4
17_57.rawmk4	19_05.rawmk4	20_12.rawmk4	21_27.rawmk4	c17_16.rawmk4
18_00.rawmk4	19_08.rawmk4	20_15.rawmk4	21_30.rawmk4	c17_22.rawmk4
18_03.rawmk4	19_11.rawmk4	20_18.rawmk4	21_33.rawmk4	c17_28.rawmk4
18_06.rawmk4	19_14.rawmk4	20_21.rawmk4	21_36.rawmk4	