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Mauna Loa Solar Observatory Observer's Log  
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Mon Dec 16 17:21:20 GMT 2013

Year: 13 Doy: 350

Observer: berkey

WEATHER COMMENT: berkey: Mon Dec 16 17:21:22 GMT 2013

temp 33f, wind 10mph from SW, patchy cirrus moving quickly, about 20 minutes ago sky was essentially cloud free now it cloudy enough to delay observing hopefully this moves away as quick as it came.

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

Mon Dec 16 17:34:46 GMT 2013: PSPT Start Patrol

Mon Dec 16 17:49:32 GMT 2013 COMP Start Patrol

KCOR COMMENT BY berkey: Mon Dec 16 17:57:10 GMT 2013

ILX temp reads 32.8 and TE Current limit is on

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

Mon Dec 16 18:03:29 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 19:02:15 GMT 2013 KCOR End Patrol

Mon Dec 16 19:02:15 GMT 2013 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Mon Dec 16 19:18:00 GMT 2013 KCOR End Calibration Script

Mon Dec 16 19:18:16 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 19:18:17 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 19:25:39 GMT 2013: PSPT Start Patrol

Mon Dec 16 21:05:55 GMT 2013 COMP End Patrol

Mon Dec 16 21:05:57 GMT 2013 COMP Start Patrol

Mon Dec 16 21:17:11 GMT 2013 KCOR End Patrol

Mon Dec 16 21:16:43 GMT 2013 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon Dec 16 21:16:49 GMT 2013

Cirrus in front of the sun idling kcor,comp and shabar

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

Mon Dec 16 21:43:20 GMT 2013 COMP Start Patrol

Mon Dec 16 21:49:53 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 22:15:11 GMT 2013 KCOR End Patrol

Mon Dec 16 22:17:43 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 22:27:50 GMT 2013: PSPT Start Patrol

Mon Dec 16 22:32:39 GMT 2013 KCOR End Patrol

Mon Dec 16 22:35:58 GMT 2013: PSPT Start Patrol

\*\*\*\*Possible CME in Progress berkey\*\*\*\*: Mon Dec 16 22:43:26 GMT 2013

CME launched from near PA260 at about 20:40UT

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

You can check out the image data at:

<http://mlso.hao.ucar.edu>

GENERAL OBSERVATORY COMMENT BY berkey: Mon Dec 16 22:44:59 GMT 2013

Looks like there is some structure at about PA250 that forms after the CME launches.

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

\*\*\*\*Possible CME in Progress berkey\*\*\*\*: Mon Dec 16 22:53:27 GMT 2013

CME launched from near PA260 at about 20:40UT

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

You can check out the image data at:

<http://mlso.hao.ucar.edu>

GENERAL OBSERVATORY COMMENT BY berkey: Mon Dec 16 22:54:21 GMT 2013

Fixed cmeev script to send a email to everyone not just me.

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

Mon Dec 16 22:58:59 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 22:59:57 GMT 2013 KCOR End Patrol

Mon Dec 16 22:59:42 GMT 2013 COMP End Patrol

Mon Dec 16 23:03:29 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 23:08:09 GMT 2013 COMP Start Patrol

Mon Dec 16 23:09:50 GMT 2013 KCOR End Patrol

Mon Dec 16 23:11:35 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 23:14:35 GMT 2013 KCOR End Patrol

Mon Dec 16 23:16:39 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 23:24:58 GMT 2013 KCOR End Patrol

Mon Dec 16 23:27:54 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 23:29:16 GMT 2013 KCOR End Patrol

Mon Dec 16 23:32:29 GMT 2013 COMP End Patrol

Mon Dec 16 23:33:34 GMT 2013: PSPT Abort Patrol

Mon Dec 16 23:33:38 GMT 2013: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon Dec 16 23:33:51 GMT 2013

CLosing domes for clouds

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

Mon Dec 16 23:39:18 GMT 2013: PSPT Start Patrol

Mon Dec 16 23:42:27 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 23:42:26 GMT 2013 COMP Start Patrol

Mon Dec 16 23:47:43 GMT 2013 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon Dec 16 23:47:05 GMT 2013

Looks like we lost the network link off the mountain.

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

Mon Dec 16 23:48:54 GMT 2013 COMP End Patrol

Mon Dec 16 23:53:22 GMT 2013 KCOR Start Synoptic Patrol

Mon Dec 16 23:54:34 GMT 2013 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Tue Dec 17 02:18:09 GMT 2013

Network still not up, phone tech I spoke to said, they will dispatch someone in the morning, likely an on site problem. I guess we don't pay enough to get 24/7 help

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

GENERAL OBSERVATORY COMMENT BY berkey: Tue Dec 17 02:19:17 GMT 2013

Architect firm came back up today; this time brought survey crew, structural engineer, mechanical engineer and electrical engineer, and draftsmen. At this point they think they have enough info to get a preliminary estimate of work.

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