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Mauna Loa Solar Observatory Observer's Log  
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Fri Aug 7 16:39:21 GMT 2015

Year: 15 Doy: 219

Observer: berkey

WEATHER COMMENT: berkey: Fri Aug 07 16:42:49 GMT 2015

Temp: 47.0f, Humidity: 87%, Pressure: 28.685in, Wind: 13mph from SE, Skies: Partly clear there is a fog bank about 1/2 mile to the east that appears to be sending small puffs every few minutes. Holding off on opening the dome for a little bit.

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

GENERAL COMMENT BY berkey: Fri Aug 07 18:27:41 GMT 2015

Socked in now. There is also a lot of sulfur in the air yuck.

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

GENERAL COMMENT BY berkey: Fri Aug 07 19:46:51 GMT 2015

Things are starting to clear up but patches of fog/moisture continue to periodically come in from the cloud bank to the SE.

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

GENERAL COMMENT BY berkey: Fri Aug 07 20:12:03 GMT 2015

The SE fog make has disapated. Opening the dome.

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

COMP COMMENT BY berkey: Fri Aug 07 20:12:41 GMT 2015

Running CoMP with the menu upgrade.

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

Fri Aug 07 20:16:50 GMT 2015 COMP Start Patrol on cookbook: synoptic-00001.cbk

Fri Aug 07 20:21:12 GMT 2015 CoMP Paused for clouds

CoMP COMMENT BY berkey: Fri Aug 07 20:23:11 GMT 2015

Sucker hole :(

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

Fri Aug 07 20:26:11 GMT 2015 CoMP Restarted from pause

Fri Aug 07 20:26:11 GMT 2015 COMP End Patrol

Fri Aug 07 21:05:40 GMT 2015 COMP Start Patrol on cookbook: synoptic-00001.cbk

Fri Aug 07 21:08:52 GMT 2015 KCOR Start Synoptic Patrol

Fri Aug 07 21:15:30 GMT 2015 KCOR End Patrol

Fri Aug 07 21:24:20 GMT 2015 CoMP Paused for clouds

Fri Aug 07 21:28:33 GMT 2015 CoMP Restarted from pause

Fri Aug 07 21:28:33 GMT 2015 COMP End Patrol

\*\*\*\*Possible CME in Progress berkey\*\*\*\*: Fri Aug 7 22:21:02 GMT 2015

At about 21:10UT between clouds we saw the expanding shell of a CME that launched about 1 solar radii off the limb near PA 120. This appears to be a very fast with one of the shockwaves moving about 1/5 of a solar radii in 8 minutes. This activity appears to be related to the limb eruption seen in Halpha that launched around 19:40UT also near PA120.

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

You can check out the image data at:

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