

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Fri Jan 15 16:26:07 GMT 2016

Year: 16 Doy: 015

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 15 16:46:44 GMT 2016

temp: 43f, Humidity: 5%, Pressure: 28.62in, Wind: 5mph from SW, Skies: clear

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

Fri Jan 15 18:09:57 GMT 2016 KCOR Start Synoptic Patrol

Fri Jan 15 18:47:59 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Fri Jan 15 18:48:01 GMT 2016 KCOR End Patrol

Fri Jan 15 18:54:14 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Fri Jan 15 18:54:16 GMT 2016 KCOR End Patrol

Fri Jan 15 19:00:30 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Jan 15 19:01:06 GMT 2016

Lost spar in the dec.

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

Fri Jan 15 19:27:12 GMT 2016 KCOR Start Synoptic Patrol

Fri Jan 15 19:41:08 GMT 2016 KCOR End Patrol

Fri Jan 15 19:41:09 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Fri Jan 15 19:58:29 GMT 2016 KCOR End Calibration Script

Fri Jan 15 19:58:46 GMT 2016 KCOR Start Synoptic Patrol

Fri Jan 15 19:58:46 GMT 2016 KCOR Start Synoptic Patrol

CME Alert BY berkey: Fri Jan 15 20:17:30 GMT 2016

Possible CME seen launching near PA:250 at time 19:30UT (Started during a calibration)

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

GENERAL COMMENT BY berkey: Fri Jan 15 20:25:24 GMT 2016

Eruption associated with flaring at AR2480

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

\*\*\*\*Possible CME in Progress berkey\*\*\*\*: Fri Jan 15 20:25:38 GMT 2016

Possible CME seen launching near PA:250 at time 19:30UT.

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

You can check out the image data at:

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

Fri Jan 15 21:10:35 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Fri Jan 15 21:10:37 GMT 2016 KCOR End Patrol

Fri Jan 15 21:12:07 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Jan 15 21:23:51 GMT 2016

SGS realigned. It was also re-aligned at 18:54

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

Fri Jan 15 21:30:28 GMT 2016 KCOR Start Synoptic Patrol

Fri Jan 15 22:00:25 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri Jan 15 22:01:53 GMT 2016

Shut down instruments for the contractors to install paneling up stairs.

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

GENERAL COMMENT BY berkey: Sat Jan 16 01:10:15 GMT 2016  
Contractors have left restarting data collection.

Sgs re-aligned and dome camera moved to the south end of the pier. for a different view.  
\_\_\_\_end\_\_\_\_

Sat Jan 16 01:15:51 GMT 2016 KCOR Start Synoptic Patrol

Sat Jan 16 02:19:44 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Sat Jan 16 02:19:45 GMT 2016 KCOR End Patrol

Sat Jan 16 02:19:46 GMT 2016 KCOR End Patrol

Sat Jan 16 02:19:59 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Sat Jan 16 02:20:01 GMT 2016 KCOR End Patrol

Sat Jan 16 02:23:32 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Sat Jan 16 02:24:53 GMT 2016

Spar RA went on a walkabout, but appears to have come back on its own. The only thing I can come up with was a sort of occurrence due to the lower shutter wires, I am not totally convinced by this explanation but I don't have anything better. Just to be sure I rotated the dome to better match the spar pointing.

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

GENERAL COMMENT BY berkey: Sat Jan 16 02:25:51 GMT 2016

TIDDBIT antenna wires brought in through the new cable management system. TIDDBIT should be back online and working again.

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

GENERAL COMMENT BY berkey: Sat Jan 16 02:27:57 GMT 2016

woops getting a spar oscillation.

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

Sat Jan 16 02:28:20 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Sat Jan 16 02:41:46 GMT 2016

Looks like the RA clutch was slipping a lot. I \*think\* this is due to a DEC mis-balance; which "looks" a little like an RA issue when we are early or late.

I found the DEC tool this morning and look forward to trying to balance the whole system properly when we get two people on the mountain next week while Brandon is out.

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