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Mauna Loa Solar Observatory Observer's Log  
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Sat Jan 20 16:33:37 GMT 2018

Year: 18 Doy: 020

Observer: waters

WEATHER COMMENT: waters: Sat Jan 20 17:23:18 GMT 2018

Temp 35f with windspeed at about 7-13mph from the South. Bands of cirrus covering about 65 % of the sky, most in the East.

Currently tracking but will wait for better conditions before starting up.

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

GENERAL COMMENT BY waters: Sat Jan 20 17:34:29 GMT 2018

Shabar out on the lava but delaying start up.

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

GENERAL COMMENT BY waters: Sat Jan 20 19:30:59 GMT 2018

Thought we had an open hole above but clouds moved in fast, delaying start up.

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

Sat Jan 20 20:09:53 GMT 2018 SGS Alignment complete

Sat Jan 20 20:11:02 GMT 2018 Kcor Focus/alignment program exited

Sat Jan 20 20:12:27 GMT 2018 CoMP occulter has been re-centered

Sat Jan 20 20:13:56 GMT 2018 COMP Start Patrol on cookbook: synoptic-00012.cbk

Sat Jan 20 20:14:30 GMT 2018 KCOR Start Synoptic Patrol

Sat Jan 20 20:25:38 GMT 2018 Kcor sees an SGS Guiding Error closing lens cover

Sat Jan 20 20:25:39 GMT 2018 KCOR End Patrol

Sat Jan 20 20:26:54 GMT 2018 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sat Jan 20 20:29:12 GMT 2018

Spar dec jumped up, not entirely sure why. No clouds in the sky and the wind is calm. Allen went to inspect the dome slot and while it's hard to tell, it didn't look like anything was in the way.

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

Sat Jan 20 21:49:05 GMT 2018 KCOR End Patrol

Sat Jan 20 21:49:09 GMT 2018 COMP End Patrol

Sat Jan 20 21:49:41 GMT 2018 SGS Alignment complete

Sat Jan 20 21:49:49 GMT 2018 KCOR Start Synoptic Patrol

Sat Jan 20 21:50:19 GMT 2018 CoMP occulter has been re-centered

Sat Jan 20 21:50:21 GMT 2018 COMP Start Patrol on cookbook: synoptic-00012.cbk

GENERAL COMMENT BY waters: Sat Jan 20 21:53:05 GMT 2018

The Rockwell temperature read has given two false reads, one was earlier and I forgot to log it, the second was just now.

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

GENERAL COMMENT BY waters: Sat Jan 20 22:08:59 GMT 2018

Did a meridian flip with Shabar.

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

Sat Jan 20 22:51:46 GMT 2018 Kcor sees an SGS Guiding Error closing lens cover

Sat Jan 20 22:51:48 GMT 2018 KCOR End Patrol

Sat Jan 20 23:03:20 GMT 2018 CoMP Paused for clouds

Sat Jan 20 23:04:13 GMT 2018 CoMP Restarted from pause

Sat Jan 20 23:04:33 GMT 2018 COMP End Patrol

WEATHER COMMENT: waters: Sat Jan 20 23:05:42 GMT 2018

In orographic clouds, instruments idled.

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

GENERAL COMMENT BY waters: Sat Jan 20 23:40:42 GMT 2018  
Shabar moved inside.

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

GENERAL COMMENT BY waters: Sat Jan 20 23:43:07 GMT 2018  
Dome closed for some low looking clouds.

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

\*\*\*\*EVENT COMMENT BY waters\*\*\*\* : Sun Jan 21 02:44:59 GMT 2018

Between PA 220-230, there appears to be a prominence that has been visible for the majority of the day but then is no longer there at 2:35UT. It looks like it appears to start launching at 19:44 UT. Can be seen in GONG

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

GENERAL COMMENT BY waters: Sun Jan 21 02:58:02 GMT 2018

Unfortunately, we lost the Sun to clouds by 1pm and they have been in the path since. They thinned enough for GONG but not for us to take data. Hopefully tomorrow will be better.

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

ONSITE STAFF: stueben, waters