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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 19 16:03:07 GMT 2016

Year: 16 Doy: 201

Observer: waters

WEATHER COMMENT: waters: Tue Jul 19 16:03:49 GMT 2016

Temp 39F with windspeed at about 7mph from the South. Vog is at about 12,000ft + and seems to be thick today. Otherwise the sky is clear above.

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

CoMP COMMENT BY waters: Tue Jul 19 16:05:36 GMT 2016

We're out of liquid nitrogen for Comp. Our supply is out and NOAAs' says it's empty as well. Good thing the LN2 delivery is tomorrow. I turned off the camera to help stop it from warming as fast.

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

Tue Jul 19 16:51:54 GMT 2016 SGS Alignment complete

CoMP COMMENT BY waters: Tue Jul 19 16:52:29 GMT 2016

Turned back camera on, going to take data.

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

Tue Jul 19 17:02:08 GMT 2016 KCOR Start Synoptic Patrol

CoMP COMMENT BY waters: Tue Jul 19 17:05:54 GMT 2016

When going to center the occulter, the dark image has a lot of static, not very dark at all. Will start up once we get a good dark.

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

Tue Jul 19 17:10:23 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Tue Jul 19 18:09:40 GMT 2016 SGS Alignment complete

GENERAL OBSERVATORY COMMENT BY waters: Tue Jul 19 18:16:13 GMT 2016

Joans up and we've done a mini meeting and now a tour. She brought up some really cool stuff too!!

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

Tue Jul 19 18:38:51 GMT 2016 KCOR End Patrol

Tue Jul 19 18:39:10 GMT 2016 CoMP Paused for clouds

GENERAL OBSERVATORY COMMENT BY waters: Tue Jul 19 18:39:16 GMT 2016

Some passing cirrus, kcor and paused for a bit.

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

Tue Jul 19 18:39:48 GMT 2016 KCOR Start Synoptic Patrol

Tue Jul 19 18:40:02 GMT 2016 CoMP Restarted from pause

Tue Jul 19 18:47:59 GMT 2016 KCOR End Patrol

Tue Jul 19 18:48:48 GMT 2016 CoMP Paused for clouds

Tue Jul 19 18:55:22 GMT 2016 CoMP Restarted from pause

Tue Jul 19 18:55:22 GMT 2016 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Tue Jul 19 19:05:19 GMT 2016

Stopped taking data for the day as we're going to start taking care of Kcor.

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

GENERAL OBSERVATORY COMMENT BY waters: Tue Jul 19 23:54:02 GMT 2016

We were able to take down the Kcor tube with a pulley system and team work. We have packed the pieces that will be taken and sprayed at Bens house in his vehicle. There was one part of Kcor that couldn't be removed and thus was sprayed on site for about two minutes. Before hand we removed the occulter assemble, the hepa system and the O1 mount. The O1 is in the cleaning station. The Inner tubes, the baffles, the occulter station and aperture stop down to Waimea for cleaning and painting. We have the spar secured in the West-East position and will not be moving the set up until the Kcor tube is ready to

be put back on.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 20 00:00:26 GMT 2016

The wrench, four bolts and two spacers are currently on the spar and it shoudln't be moved till they are taken down.

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