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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 4 16:06:17 GMT 2017

Year: 17 Doy: 185

Observer: waters

WEATHER COMMENT: waters: Tue Jul 4 16:06:21 GMT 2017

Temp 43F with windspeed at between 20-25mph with occasional gusts up to 30+ from the South-Southeast. Vog is at 14,000ft+.

I'm going to hold off opening the dome until the wind calms down.

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

Wed Jul 05 00:12:15 GMT 2017 SGS Alignment complete

Wed Jul 05 00:11:58 GMT 2017 CoMP occulter has been re-centered

Wed Jul 05 00:12:42 GMT 2017 Kcor Focus/alignment program exited

GENERAL COMMENT BY waters: Wed Jul 05 00:13:29 GMT 2017

The spar is offically out of the path of the wind. Attempting to start up the instruments.

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

Wed Jul 05 00:13:46 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Wed Jul 05 00:18:03 GMT 2017 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 5 00:16:01 GMT 2017

Blew off both the CoMP and KCor O1 before starting up.

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

Wed Jul 05 02:55:37 GMT 2017 COMP End Patrol

Wed Jul 05 02:55:38 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

Wed Jul 05 02:59:17 GMT 2017 COMP End Patrol

Wed Jul 05 03:00:18 GMT 2017 CoMP occulter has been re-centered

Wed Jul 05 03:00:19 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 5 03:22:12 GMT 2017

Been working on the operations manual for a good chunk of the day. Have it almost completed, need to finish one section and the other two will need input from everyone while I look at some other documentation. Those two sections will probably be constantly update as things change or new solutions come up but it shouldn't be a problem.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 5 03:35:04 GMT 2017

The RA seems to have slipped at 17:40:02. Luckily it didn't effect the instruments.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 5 03:40:58 GMT 2017

RA slipped again at 17:45.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 5 03:44:03 GMT 2017

Dome occulted Comp

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

Wed Jul 05 03:55:21 GMT 2017 KCOR End Patrol

Wed Jul 05 03:55:17 GMT 2017 COMP End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Wed Jul 5 04:00:46 GMT 2017

High winds from the South-Southeast prevented me from taking data until this afternoon. On a plus, the wind kept the aerosols to a minimum.

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