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Mauna Loa Solar Observatory Observer's Log  
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Sat May 12 16:10:55 GMT 2018

Year: 18 Doy: 132

Observer: waters

WEATHER COMMENT: waters: Sat May 12 16:10:58 GMT 2018

Temp 37F with windspeed at about 5-10mph from the South. Thin scattered cirrus across the sky at present. Waiting for better conditions before starting up.

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

Sat May 12 16:53:26 GMT 2018 Kcor Focus/alignment program exited

Sat May 12 18:03:28 GMT 2018 SGS Alignment complete

Sat May 12 18:04:10 GMT 2018 Kcor Focus/alignment program exited

Sat May 12 18:06:59 GMT 2018 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sat May 12 18:49:22 GMT 2018

PM Blew off Kcor O1

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

Sat May 12 18:53:26 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY waters: Sat May 12 19:01:12 GMT 2018

Sky is getting bright, Kcor lens cover in.

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

KCOR COMMENT BY waters: Sat May 12 19:06:46 GMT 2018

Blew off the K-cor O1 to try and address some of the bullet holes and the specks up in the North. The bullet hole in the South west quadrant is from a very stuck on piece of something that did not get blown off. There were some pieces of dust that did come off and I'm hoping that will help. I also inspected the field lens and blew it off because there looked to be something to the right of the occulter (when looking at it when the spar is pointing East). Hopefully the cirrus that popped up will move along so I can see if it helped.

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

Sat May 12 19:52:57 GMT 2018 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat May 12 20:22:49 GMT 2018

Sky is getting a little bright, pushing through it though.

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

Sat May 12 21:47:42 GMT 2018 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat May 12 21:46:25 GMT 2018

Some clouds coming in, kcor idled for now.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat May 12 22:35:43 GMT 2018

Closed the dome for low clouds and fog coming in.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat May 12 23:04:52 GMT 2018

It seems the SGS home isn't working. I've hit it several times now and it won't light up. After hitting it again and going up stairs to look in the spar to see if it's moving at all, it looked like it was stuck hitting the South side. I gave it a little nudge and came back down to see if it helped. It hadn't but I ran the Home Dec on SGS again. It looks like it helped this time. I went upstairs and verified that it had homed properly and wasn't stuck. Hopefully this is an isolated event. The SGS Home Dec is currently lit.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat May 12 23:25:55 GMT 2018

Clouds have rolled in, with intermittent fog, for the rest of the day. Hopefully we will get a better sky tomorrow.

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

ONSITE STAFF: waters