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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 9 16:04:42 GMT 2019

Year: 19 Doy: 282

Observer: waters

WEATHER COMMENT: waters: Wed Oct 09 16:41:18 GMT 2019

Temp 40F with windspeed at about 9-14mph from the South. Sky looks clear with some clouds on the Eastern horizon but we should be able to start up since they are low.

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

GENERAL COMMENT BY waters: Wed Oct 09 16:53:47 GMT 2019

PM Blew off Kcor O1

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

GENERAL COMMENT BY waters: Wed Oct 09 16:53:51 GMT 2019

PM Blew off Kcor Field Lens

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

GENERAL COMMENT BY waters: Wed Oct 09 16:54:09 GMT 2019

Windows opened upstairs.

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

Wed Oct 09 17:16:56 GMT 2019 SGS Alignment complete

Wed Oct 09 17:18:14 GMT 2019 Kcor Focus/alignment program exited

Wed Oct 09 17:19:25 GMT 2019 KCOR Modulation started in the proper state

Wed Oct 09 17:21:33 GMT 2019 SGS Alignment complete

Wed Oct 09 17:21:13 GMT 2019 KCOR Start Synoptic Patrol

Wed Oct 09 17:51:33 GMT 2019 KCOR End Patrol

Wed Oct 09 17:52:08 GMT 2019 SGS Alignment complete

Wed Oct 09 17:51:48 GMT 2019 KCOR Start Synoptic Patrol

Wed Oct 09 18:20:14 GMT 2019 KCOR End Patrol

Wed Oct 09 18:21:11 GMT 2019 SGS Alignment complete

Wed Oct 09 18:20:50 GMT 2019 KCOR Start Synoptic Patrol

Wed Oct 09 19:38:34 GMT 2019 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Oct 09 22:40:13 GMT 2019

PM Lisa Washed Kcor O1 with Ben removing, bringing down/up reinstalling and supervising.

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

GENERAL COMMENT BY berkey: Wed Oct 09 23:35:33 GMT 2019

During O1 cleaning the poron gaskets for the tube cover in front of the O1 were replaced. This included the 2 hemishpere gaskets on the moving caddy, and the complete annulus gasket that is attached to the back end of the fore-optics enclosure.

All 3 parts showed some damage, but I think most of the damaged sections were situated where all/most of the particles that could become dislodged in the damaged would end up outside of the telescope tube.

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

WEATHER COMMENT: berkey: Thu Oct 10 02:23:13 GMT 2019

Looks like it wont clear up today.

T-storms in the forecast for tomorrow.

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

ONSITE STAFF: berkey, waters