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Mauna Loa Solar Observatory Observer's Log  
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Tue Oct 30 16:39:29 GMT 2018

Year: 18 Doy: 303

Observer: waters

WEATHER COMMENT: waters: Tue Oct 30 16:39:32 GMT 2018

Temp 47F with windspeed at about 4mph from the South-Southwest.

Clouds covering the majority of the sky at present. Will wait for better conditions before opening up.

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

GENERAL COMMENT BY waters: Tue Oct 30 18:46:42 GMT 2018

PM Blew off Kcor 01

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

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 30 19:40:16 GMT 2018

A nice blue hole opened up but we were kept on the edge of it, in cirrus. Low clouds have surrounded us, closing the dome back up, just in case.

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

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 30 23:14:06 GMT 2018

Helco came up today to install a power monitoring system that operates through the verizon cell tower. So when we have fluxes in power or are down, they know immediately what is going on.

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

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 30 23:15:59 GMT 2018

Gave a tour to the two helco guys, Nathan and Ka'la while they were here.

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

GENERAL OBSERVATORY COMMENT BY waters: Tue Oct 30 23:17:04 GMT 2018

Blowing fog and off and on rain.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 31 02:22:18 GMT 2018

Went upstairs after the tour to straighten up and noticed a smell in the dome, a bit floral but chemically so. Turns out both the hepa filters in K-Cor needed to be changed. I changed the Southern/top filters, both the pre- and the regular filter, but I did not change the bottom/northern filter as we only had one spare hepa filter. The scent seems to have dissipated but I could have gotten use to it as I changed the filter. We should order three, so when it happens again, we can change the two at the same time.

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 31 02:28:03 GMT 2018

Updated the consumables sheet

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

GENERAL OBSERVATORY COMMENT BY waters: Wed Oct 31 02:28:17 GMT 2018

No data today; cirrus, clouds, rain/fog.

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

ONSITE STAFF: waters