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Mauna Loa Solar Observatory Observer's Log  
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Thu Aug 2 17:07:36 GMT 2018

Year: 18 Doy: 214

Observer: stueben

WEATHER COMMENT: stueben: Thu Aug 02 17:17:51 GMT 2018

Temp: 41.2f, Humidity: 66%, Pressure: 28.696in, Wind: Southeast 10-15 mph, Skies: Scattered bands of cirrus and some nearby low clouds at present. A brush fire near Waikoloa Village resulted in the closure of both Hwy 190 between kona and saddle rd and the usual detour route through Waikoloa. I had to drive north to Waimea and then back southeast to get to saddle rd - about a 45min detour. Depending on wind direction the smoke may degrade observations.

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

WEATHER COMMENT: stueben: Thu Aug 02 18:04:10 GMT 2018

Cirrus prevents observing at present.

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

WEATHER COMMENT: stueben: Thu Aug 02 20:09:13 GMT 2018

Orographic clouds are coming up, blowing mist, dome closed.

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

Thu Aug 02 20:31:54 GMT 2018 Kcor Focus/alignment program exited

GENERAL COMMENT BY stueben: Thu Aug 02 20:34:24 GMT 2018

PM Blew off Kcor O1 front. Opened the windows in the dome.

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

Thu Aug 02 20:41:46 GMT 2018 KCOR Start Synoptic Patrol

Thu Aug 02 20:50:30 GMT 2018 KCOR End Patrol

WEATHER COMMENT: stueben: Thu Aug 02 21:01:06 GMT 2018

The orographic clouds cleared but there is still some very thin cirrus.

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

Thu Aug 02 21:27:00 GMT 2018 KCOR Start Synoptic Patrol

GENERAL COMMENT BY stueben: Thu Aug 02 23:22:06 GMT 2018

Gave a tour to a group about 20 geologists.

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

Thu Aug 02 23:30:43 GMT 2018 SGS Alignment complete

Fri Aug 03 00:50:56 GMT 2018 KCOR End Patrol

WEATHER COMMENT: stueben: Fri Aug 03 00:52:14 GMT 2018

In cirrus, instruments idled.

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

\*\*KCOR PROBLEM COMMENT BY stueben\*\* : Fri Aug 03 01:09:19 GMT 2018

When I arrived today the ILX temperature controller was intermittently shutting down and showing a sensor open error. After disconnecting/reconnecting the sensor cable down from the dome and to the short extension to the ILX (which does not have a latch) the problem stopped.

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

GENERAL COMMENT BY stueben: Fri Aug 03 01:12:38 GMT 2018

The new airbrush compressor for blowing dust off optics has arrived. I added the needed adapters and installed it on the orange ladder in the dome. The pressure regulator is set for 40psi.

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

GENERAL COMMENT BY stueben: Fri Aug 03 01:29:12 GMT 2018

Cloudy until about 10:30 then in and out of clouds until 11:30. Clear sky with fair seeing and low aerosols from 11:30 until about 2:30 when cirrus came up again.

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

ONSITE STAFF: stueben