
Mauna Loa Solar Observatory Observer's Log

Tue Jul 11 16:26:46 GMT 2017

Year: 17 Doy: 192

Observer: stueben

WEATHER COMMENT: stueben: Tue Jul 11 16:30:43 GMT 2017

Temp: 42.6f, Humidity: 14%, Pressure: 28.753in, Wind: South 5-10 mph, Skies: Cirrus covers most of the sky at present. Waiting for clearer skies before starting instruments.

____end____

WEATHER COMMENT: stueben: Tue Jul 11 18:11:29 GMT 2017

Clouds have cleared, starting instruments.

____end____

Tue Jul 11 18:12:18 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk

Tue Jul 11 18:13:50 GMT 2017 Kcor Focus/alignment program exited

Tue Jul 11 19:24:28 GMT 2017 KCOR Start Synoptic Patrol

KCOR PROBLEM COMMENT BY stueben : Tue Jul 11 19:33:54 GMT 2017

When I tried to start up today dark shutter 1 would not open. I tried close/open cycling and shutter 0 worked but shutter 1 remained closed. Upon removing the aft optics cover I found that two of the shutter blades were melted together at the center edges and all the center edges looked like they were heat damaged. I was able to separate the two stuck blades so that shutter one opens.

____end____

Tue Jul 11 20:54:02 GMT 2017 COMP End Patrol

Tue Jul 11 21:00:59 GMT 2017 SGS Alignment complete

Tue Jul 11 21:00:18 GMT 2017 CoMP occulter has been re-centered

Tue Jul 11 21:00:45 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk

WEATHER COMMENT: stueben: Tue Jul 11 21:01:13 GMT 2017

Orographic clouds are beginning to degrade images.

____end____

Tue Jul 11 21:12:57 GMT 2017 KCOR End Patrol

Tue Jul 11 21:12:47 GMT 2017 COMP End Patrol

WEATHER COMMENT: stueben: Tue Jul 11 21:14:12 GMT 2017

In rapidly building orographic clouds, instruments idled.

____end____

GENERAL COMMENT BY stueben: Wed Jul 12 01:29:16 GMT 2017

Cirrus at startup cleared about 8AM, seeing was only fair and there were significant aerosols, orographic clouds came up rapidly at 11AM and never cleared.

____end____