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Mauna Loa Solar Observatory Observer's Log  
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Fri Mar 8 17:14:35 GMT 2019

Year: 19 Doy: 067

Observer: berkey

WEATHER COMMENT: berkey: Fri Mar 08 17:17:58 GMT 2019

Temp: 32.1f, Humidity: 28%, Pressure: 28.811in, Wind: 8mph from 178degs, Skies: clear

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

Fri Mar 08 19:28:25 GMT 2019 SGS Alignment complete

Fri Mar 08 19:32:37 GMT 2019 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Fri Mar 08 19:34:57 GMT 2019

Kcor camera focus and tip/tilt alignment today .

Distortion grid put in.

Cameras aligned in tip/tilt and focused.

Took a few minutes of data with the distortion grid in.18:55:48-18:59:21

Grid was removed and winter occulter reinstalled. I think I breathed (a little heavy) into the occulter station when trying to reinstall the occulter so we saw a water vapor film on the lens until that evaporated.

NOTE:

Both camera stages appear to be at the end of the vertical range of travel while apparently being too low relative to the beam.

Not sure if this means the mounts were design/built incorrectly or if we have a misalignment problem somewhere such that the beam coming out of the PBS is in the wrong place.

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

GENERAL COMMENT BY berkey: Fri Mar 08 19:35:08 GMT 2019

Taking data.

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

Fri Mar 08 19:35:19 GMT 2019 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Mar 08 19:35:10 GMT 2019

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

Fri Mar 08 20:13:49 GMT 2019 KCOR End Patrol

Fri Mar 08 20:13:54 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Mar 08 20:29:53 GMT 2019 KCOR End Calibration Script

Fri Mar 08 20:30:11 GMT 2019 KCOR Start Synoptic Patrol

Fri Mar 08 20:30:14 GMT 2019 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Mar 08 22:04:43 GMT 2019

Starting to see some clouds in the S/SW. Looks like they could block the sun at some point soon.

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

Fri Mar 08 22:05:13 GMT 2019 KCOR End Patrol

Fri Mar 08 22:06:31 GMT 2019 SGS Alignment complete

Fri Mar 08 22:22:17 GMT 2019 KCOR Start Synoptic Patrol

Fri Mar 08 22:31:40 GMT 2019 KCOR End Patrol

Sat Mar 09 00:17:25 GMT 2019 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Sat Mar 09 02:01:25 GMT 2019

Data ok this morning but lots of aerosols.

end

ONSITE STAFF: berkey