
Mauna Loa Solar Observatory Observer's Log

Fri Mar 22 18:51:49 GMT 2019

Year: 19 Doy: 081

Observer: berkey

WEATHER COMMENT: berkey: Fri Mar 22 18:55:16 GMT 2019

Temp: 55.6f, Humidity: 1%, Pressure: 28.762in, Wind: 1mph from 47degs, Skies: clear

____end____

GENERAL COMMENT BY berkey: Fri Mar 22 18:55:25 GMT 2019

PM Washed Kcor O1

____end____

Fri Mar 22 18:59:58 GMT 2019 Kcor Focus/alignment program exited

Fri Mar 22 19:00:07 GMT 2019 SGS Alignment complete

Fri Mar 22 19:07:25 GMT 2019 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Mar 22 19:16:17 GMT 2019

Interesting amount of activity in Halpha around AR2736 this morning. No obvious eruption, but this might be the most I have seen in about 2 years.

____end____

Fri Mar 22 19:43:42 GMT 2019 KCOR End Patrol

Fri Mar 22 19:45:05 GMT 2019 SGS Alignment complete

Fri Mar 22 19:45:03 GMT 2019 KCOR Start Synoptic Patrol

Fri Mar 22 19:45:07 GMT 2019 KCOR End Patrol

Fri Mar 22 19:45:09 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Mar 22 20:00:54 GMT 2019 KCOR End Calibration Script

Fri Mar 22 20:01:14 GMT 2019 KCOR Start Synoptic Patrol

Fri Mar 22 20:01:22 GMT 2019 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Mar 22 21:21:39 GMT 2019

Post cleaning of the kcor O1 but before the O1 was installed in the telescope. The tension of the 6 1/4-20 bolts that sandwich the O1 mount against the o-ring was checked.

Going for the spec of "just tight enough that the glass can almost flop around the in the mount"; I found the bolts to be in spec or maybe slightly to tight. Bolts were re-tightened to by what I can achieve via a screw driver driven between my thumb and index finger (slightly looser than they started).

The 3 bolts that secure the mount retaining tabs were also tightened to the same spec.

____end____

Fri Mar 22 21:25:51 GMT 2019 SGS Alignment complete

Fri Mar 22 21:27:53 GMT 2019 Kcor Focus/alignment program exited

Fri Mar 22 21:42:34 GMT 2019 KCOR End Patrol

Fri Mar 22 21:50:48 GMT 2019 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Fri Mar 22 21:52:56 GMT 2019

Starting a streaming data vs hepa filter vibration test.

Data will be taken in streaming mode

Hepa on normal observing config

Kcor data: 212832raw

SGS data: 201909322-2128-hepa-on.dat

Both kcor hepas off

kcor:212832raw

213535raw

sgs data: 201909322-2133-hepa-off.dat

Both hepas back on (obs config)

kcor: 213917raw

sgs data: 201909322-2139-hepa-on.dat

____end____

Fri Mar 22 22:18:00 GMT 2019 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri Mar 22 22:18:09 GMT 2019

aersols going from bad to more bad.

____end____

Fri Mar 22 23:34:25 GMT 2019 KCOR Start Synoptic Patrol

Sat Mar 23 00:33:27 GMT 2019 KCOR End Patrol

ONSITE STAFF: berkey