
Mauna Loa Solar Observatory Observer's Log

Tue Jun 8 16:58:35 GMT 2021

Year: 21 Doy: 159

Observer: berkey

WEATHER COMMENT: berkey: Tue Jun 08 16:59:15 GMT 2021

Temp: 49.2f, Humidity: 14%, Pressure: 28.723in, Wind: 10mph from 126deg, Skies: clear

____end____

GENERAL COMMENT BY berkey: Tue Jun 08 17:05:18 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY berkey: Tue Jun 08 17:05:22 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY berkey: Tue Jun 08 17:05:26 GMT 2021

PM Blew off UCoMP O1

____end____

Tue Jun 08 17:07:17 GMT 2021 Kcor Focus/alignment program exited

Tue Jun 08 17:19:40 GMT 2021 KCOR Start Synoptic Patrol

Tue Jun 08 17:48:57 GMT 2021 KCOR End Patrol

Tue Jun 08 17:48:58 GMT 2021 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Jun 08 18:04:14 GMT 2021 KCOR End Calibration Script

Tue Jun 08 18:04:31 GMT 2021 KCOR Start Synoptic Patrol

Tue Jun 08 18:04:32 GMT 2021 KCOR Start Synoptic Patrol

Tue Jun 08 18:20:39 GMT 2021 Kcor Focus/alignment program exited

Tue Jun 08 18:25:48 GMT 2021 KCOR Start Synoptic Patrol

Tue Jun 08 19:00:46 GMT 2021 Kcor Focus/alignment program exited

Tue Jun 08 19:12:44 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Tue Jun 08 20:29:39 GMT 2021

____end____

****Possible CME in Progress berkey**** : Tue Jun 08 20:30:51 GMT 2021

Possible CME seen launching near PA300 at time 19:45UT

____end____

Tue Jun 08 21:06:09 GMT 2021 Kcor Focus/alignment program exited

Tue Jun 08 21:13:36 GMT 2021 KCOR Start Synoptic Patrol

Tue Jun 08 21:38:29 GMT 2021 KCOR End Patrol

Tue Jun 08 21:38:34 GMT 2021 KCOR End Patrol

UCoMP COMMENT BY berkey: Wed Jun 09 00:39:16 GMT 2021

Inspected the modulator iris diameter with plastic calipers. When doing this the iris was bumped, so it was reset again with the 540 johnson filter and the O1 set to 0mm.

The tap restricting the iris motion was fixed to make iris motion more difficult.

The iris was set at 11.2mm with the lyot ring at a slightly larger diameter maybe 12mm (this was a harder measurement to make).

____end____

Wed Jun 09 00:38:55 GMT 2021 Kcor Focus/alignment program exited

UCoMP COMMENT BY berkey: Wed Jun 09 02:46:29 GMT 2021

At about 1:30UT we now transfer UCoMP data from kodiak to dawn via rsync instead of ldm.

Rsync seems to allow us to use more of the link with transfer rates of ~100Mbps (vs ~50Mbps via LDM).

The LDM injection scripts are still available on kodiak; and if we find the rsync system fails for some reason we can revert by editing the ldm crontab to use the ldm script instead of the rsync script.

____end____

GENERAL COMMENT BY berkey: Wed Jun 09 02:56:42 GMT 2021

Nice morning, lots of aerosols in the afternoon.

____end____

ONSITE STAFF: lisapg