
Mauna Loa Solar Observatory Observer's Log

Thu Nov 12 17:24:03 GMT 2020

Year: 20 Doy: 317

Observer: berkey

WEATHER COMMENT: berkey: Thu Nov 12 17:24:11 GMT 2020

Temp: 40.5f, Humidity: 26%, Pressure: 28.849in, Wind: 21mph from 117degs, Skies: clear

____end____

GENERAL COMMENT BY berkey: Thu Nov 12 17:36:39 GMT 2020

Opened windows upstairs

____end____

GENERAL COMMENT BY berkey: Thu Nov 12 17:36:48 GMT 2020

PM Blew off Kcor O1 front and back

____end____

Thu Nov 12 17:45:52 GMT 2020 Kcor Focus/alignment program exited

Thu Nov 12 17:48:19 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Nov 12 17:53:15 GMT 2020

Werid polarization structure seen in the data. I think the source maybe the sky and not the instrument.

____end____

Thu Nov 12 17:55:22 GMT 2020 KCOR End Patrol

Thu Nov 12 17:55:31 GMT 2020 KCOR End Patrol

Thu Nov 12 17:56:58 GMT 2020 KCOR Start Synoptic Patrol

Thu Nov 12 19:04:42 GMT 2020 KCOR End Patrol

Thu Nov 12 19:04:48 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Thu Nov 12 19:10:30 GMT 2020

PM Blew off Kcor O1

____end____

Thu Nov 12 19:10:35 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Nov 12 19:20:21 GMT 2020

Just before blowing off the O1 I also backed off the 3 bolts that hold the O1 to make sure the polarization was stress related.

Looks like one of the 2 actions worked, trying to look at the raw images to see if the polarization goes away before I stick my head/air tool in the beam.

____end____

Thu Nov 12 20:28:23 GMT 2020 Kcor Focus/alignment program exited

Thu Nov 12 20:30:19 GMT 2020 KCOR Start Synoptic Patrol

Thu Nov 12 20:33:20 GMT 2020 KCOR End Patrol

Thu Nov 12 20:33:20 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Nov 12 20:48:36 GMT 2020 KCOR End Calibration Script

Thu Nov 12 20:48:52 GMT 2020 KCOR Start Synoptic Patrol

Thu Nov 12 20:48:52 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Thu Nov 12 21:45:11 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_313_1713.bin 2147483647
/mnt/usb/dataoutiq_2020_314_1713.bin 2147483647
/mnt/usb/dataoutiq_2020_315_1713.bin 2147483647
/mnt/usb/dataoutiq_2020_316_1713.bin 2147483647
/mnt/usb/dataoutiq_2020_317_1713.bin 660983736

Disk usage: /dev/sda1 916.9G 225.9G 644.4G 26% /mnt/usb

____end____

Thu Nov 12 21:45:18 GMT 2020 Kcor Focus/alignment program exited

Thu Nov 12 21:47:03 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Nov 12 22:35:37 GMT 2020

pulled the kcor o1 for cleaning

____end____

GENERAL COMMENT BY berkey: Fri Nov 13 01:11:13 GMT 2020

First contact material not setting as quick as I would have hoped, based on current trend I expect it will take at least 3 more hours to cure, based on this I plan to let it set overnight.

____end____

ONSITE STAFF: berkey