
Mauna Loa Solar Observatory Observer's Log

Fri Apr 23 16:02:01 GMT 2021

Year: 21 Doy: 113

Observer: lisapg

WEATHER COMMENT: lisapg: Fri Apr 23 16:16:10 GMT 2021

Temp: 39.8f with windspeed at about 9-14mph from the Southeast. Cirrus bands passing overhead, hoping it'll clear.

____end____

GENERAL COMMENT BY lisapg: Fri Apr 23 16:49:04 GMT 2021

Opened windows upstairs

____end____

GENERAL COMMENT BY lisapg: Fri Apr 23 16:49:07 GMT 2021

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY lisapg: Fri Apr 23 16:59:37 GMT 2021

Kcor above dome

____end____

Fri Apr 23 17:04:31 GMT 2021 Kcor Focus/alignment program exited

Fri Apr 23 17:06:27 GMT 2021 KCOR Start Synoptic Patrol

KCOR COMMENT BY lisapg: Fri Apr 23 17:31:29 GMT 2021

Going to try and see if I can blow off the bullet holes in the North, Northwest, and Southwest.

____end____

Fri Apr 23 17:33:08 GMT 2021 KCOR End Patrol

Fri Apr 23 17:35:32 GMT 2021 KCOR Start Synoptic Patrol

KCOR COMMENT BY lisapg: Fri Apr 23 17:40:37 GMT 2021

PM Blew off Kcor O1

It appears the bullet holes are coming from artifacts on the back side of the O1. Those seemed to be the obvious culprits and blowing off the O1 again didn't help.

____end____

GENERAL COMMENT BY lisapg: Fri Apr 23 18:35:05 GMT 2021

Going to hold off calibrations as it looks like there may be some movement in the Northwest of the limb.

____end____

Fri Apr 23 22:13:45 GMT 2021 KCOR End Patrol

Fri Apr 23 22:17:05 GMT 2021 KCOR Start Synoptic Patrol

KCOR COMMENT BY lisapg: Fri Apr 23 22:21:11 GMT 2021

There seems to be a gap in NRGFs between 20:50:05 UT and 21:34:04 UT and during that time, it seems like the polarization shifted.

Stopping and restarted Kcor in the correct state to see if that remedies the issue.

____end____

Sat Apr 24 00:28:35 GMT 2021 KCOR End Patrol

Sat Apr 24 00:28:45 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Apr 24 00:29:03 GMT 2021

Clouds passing, Kcor idled.

____end____

Sat Apr 24 00:29:34 GMT 2021 KCOR Start Synoptic Patrol

Sat Apr 24 00:37:49 GMT 2021 KCOR End Patrol

Sat Apr 24 00:37:51 GMT 2021 KCOR End Patrol

Sat Apr 24 00:38:17 GMT 2021 KCOR Start Synoptic Patrol

EVENT COMMENT BY lisapg : Sat Apr 24 01:30:36 GMT 2021

Between PA 170-310, it seems that a prominence on the limb is expanding as throughout the day. Can be seen at the start of taking data in Kcor.

____end____

Sat Apr 24 01:36:15 GMT 2021 KCOR End Patrol

Sat Apr 24 01:36:16 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Apr 24 01:39:24 GMT 2021

____end____

GENERAL COMMENT BY lisapg: Sat Apr 24 01:39:47 GMT 2021

The cloud that has come in looked really low, closed the dome just in case.

____end____

Sat Apr 24 01:56:25 GMT 2021 KCOR Start Synoptic Patrol

Sat Apr 24 03:23:21 GMT 2021 KCOR End Patrol

Sat Apr 24 03:23:21 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Sat Apr 24 03:27:45 GMT 2021

Besides some intermittent clouds passing, a good day to take data.

____end____

ONSITE STAFF: lisapg