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Mauna Loa Solar Observatory Observer's Log  
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Wed May 26 15:32:15 GMT 2021

Year: 21 Doy: 146

Observer: lisapg

WEATHER COMMENT: lisapg: Wed May 26 16:20:32 GMT 2021

Temp: 36.0f with windspeed at about 6-12mph from the South. Sky looks clear.

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

GENERAL COMMENT BY lisapg: Wed May 26 16:32:06 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY lisapg: Wed May 26 16:32:10 GMT 2021

PM Blew off Kcor O1

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

GENERAL COMMENT BY lisapg: Wed May 26 16:44:11 GMT 2021

Sky is currently too bright to take any data, waiting for it to dim before starting up.

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

Wed May 26 17:30:58 GMT 2021 Kcor Focus/alignment program exited

Wed May 26 17:32:37 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Wed May 26 17:32:21 GMT 2021

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

GENERAL COMMENT BY lisapg: Wed May 26 18:52:46 GMT 2021

Going to hold off calibrations, it looks like there may be some movement on the West limb.

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

Wed May 26 20:15:59 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Wed May 26 20:16:27 GMT 2021

Stopping Kcor for a bit to do some work on UCoMP.

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

Wed May 26 20:40:15 GMT 2021 Kcor Focus/alignment program exited

Wed May 26 20:41:42 GMT 2021 KCOR Start Synoptic Patrol

Wed May 26 20:56:44 GMT 2021 KCOR End Patrol

Wed May 26 20:56:50 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Wed May 26 20:56:35 GMT 2021

Cloud crossing, pushing through

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

Wed May 26 20:57:23 GMT 2021 KCOR Start Synoptic Patrol

Wed May 26 21:00:05 GMT 2021 KCOR End Patrol

Wed May 26 21:00:08 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY lisapg: Wed May 26 21:00:42 GMT 2021

Cloud passing, Kcor idled for now

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

GENERAL COMMENT BY lisapg: Wed May 26 21:05:44 GMT 2021

Cloud coming in looks dark and a little low, closing dome just in case.

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

UCoMP COMMENT BY lisapg: Wed May 26 22:57:02 GMT 2021

UCoMP work today:

Took data with 21 wavelengths for wavelength calibration.

Adjusted diameter of Lyot stop to block inner bright ring. Marked location of iris arm with sharpie and covered with Kapton tape.

Started taking coronal sequence (dark, flats and corona) with 7 wavelengths, but observation was hampered by clouds coming in. Maybe some good data there.

Re-activated software for safety shutter lockout. Tested and adjusted arm on safety switch on occulter stage. Now working.

RTD sensing temperature of the filter wheel still not working. Removed FW RTD from A0 slot and put rack temperature in A0. Only polling 9 sensors now. Need to send new rtd sensor for filter wheel.

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

GENERAL COMMENT BY lisapg: Wed May 26 23:01:04 GMT 2021

Morning started off bright but then cleared enough to take data. Unfortunately the aerosols got a bit heavy early on and then clouds moved in. Hope tomorrow is a better day.

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

ONSITE STAFF: berkey, lisapg, tomczyk