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Mauna Loa Solar Observatory Observer's Log  
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Wed May 13 16:48:08 GMT 2020

Year: 20 Doy: 134

Observer: berkey

WEATHER COMMENT: berkey: Wed May 13 16:50:51 GMT 2020

Temp: 44.5f, Humidity: 26%, Pressure: 28.69in, Wind: 22mph from 232degs, Skies: thin cirrus

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

GENERAL COMMENT BY berkey: Wed May 13 16:56:56 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Wed May 13 16:57:23 GMT 2020

Windows not opened upstairs due to elevated winds

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

Wed May 13 17:01:52 GMT 2020 Kcor Focus/alignment program exited

Wed May 13 17:02:00 GMT 2020 SGS Alignment complete

Wed May 13 17:06:24 GMT 2020 KCOR Start Synoptic Patrol

Wed May 13 18:22:25 GMT 2020 KCOR End Patrol

Wed May 13 18:22:25 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed May 13 18:37:40 GMT 2020 KCOR End Calibration Script

Wed May 13 18:37:57 GMT 2020 KCOR Start Synoptic Patrol

Wed May 13 18:37:57 GMT 2020 KCOR Start Synoptic Patrol

Wed May 13 19:46:37 GMT 2020 KCOR End Patrol

Wed May 13 19:46:42 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Wed May 13 20:10:42 GMT 2020

Looks like wind pushed the spar briefly off the sun. Looks like it is back now. Wind currently about 30mph from the west so we weren't seeing much impact on the spar.

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

GENERAL COMMENT BY berkey: Wed May 13 20:10:43 GMT 2020

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

GPS COMMENT by MLSO: Wed May 13 21:45:09 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_129\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_130\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_131\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_132\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_133\_2146.bin 2147483647

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

GENERAL COMMENT BY berkey: Wed May 13 21:54:53 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Wed May 13 21:54:59 GMT 2020

PM Blew off Kcor Field Lens

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

GENERAL COMMENT BY berkey: Wed May 13 23:18:57 GMT 2020

PM Washed Kcor Field Lens to try and address the bright artifacts in the south

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

Wed May 13 23:20:32 GMT 2020 SGS Alignment complete

Wed May 13 23:20:34 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Wed May 13 23:32:15 GMT 2020

Sky has heavy aerosols so it is hard to see much detail in the nrgf images but it looks like the kcor fieldlens artifacts are gone.

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

GENERAL COMMENT BY berkey: Thu May 14 00:54:35 GMT 2020

PM Blew off Kcor O1 front and back.

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

Thu May 14 01:36:52 GMT 2020 SGS Alignment complete

Thu May 14 01:36:54 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Thu May 14 02:26:54 GMT 2020

The ACOS quicklook kcor gifs were not getting generated today. I think I have traced this down to the time on koidak being ~6 minutes slow and the quicklook script doesn't handle files from the "future" well.

I think I know how to make the script more robust to handle these files. But we also have an assist ticket into reset the time on kodiak.

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

ONSITE STAFF: berkey