
Mauna Loa Solar Observatory Observer's Log

Thu Jun 4 15:24:33 GMT 2020

Year: 20 Doy: 156

Observer: waters

WEATHER COMMENT: waters: Thu Jun 04 16:15:14 GMT 2020

Temp: 48.8f with windspeed at about 16-21mph from the Southeast. Sky looks clear.

___end___

GENERAL COMMENT BY waters: Thu Jun 04 16:24:00 GMT 2020

PM Blew off Kcor 01

___end___

GENERAL COMMENT BY waters: Thu Jun 04 16:24:10 GMT 2020

Windows opened upstairs

___end___

Thu Jun 04 16:50:55 GMT 2020 Kcor Focus/alignment program exited

Thu Jun 04 16:52:55 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Thu Jun 04 18:25:46 GMT 2020

So far, only the GONG and NRGFs are showing up this morning, even after wBoss stop/start.

___end___

GENERAL COMMENT BY waters: Thu Jun 04 18:51:47 GMT 2020

Going to hold off calibrations.

___end___

GENERAL COMMENT BY waters: Thu Jun 04 20:55:19 GMT 2020

NOAA came up to reset their camera.

___end___

GENERAL COMMENT BY waters: Thu Jun 04 20:55:52 GMT 2020

Dec started oscillating again. Switching from open to close loop helped.

___end___

GPS COMMENT by MLSO: Thu Jun 04 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_151_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_152_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_153_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_154_2145.bin 2147483647

/mnt/usb/dataoutiq_2020_155_2145.bin 2147483647

___end___

GENERAL COMMENT BY waters: Thu Jun 04 22:11:24 GMT 2020

PM Blew off Kcor Field Lens to try and address the two new artifacts that appeared at PA160 and PA 210 around 21:18:01 UTC

___end___

GENERAL COMMENT BY waters: Thu Jun 04 22:13:54 GMT 2020

Noticed on the bottom dust collection system, the upper feet have broken away from the top part of the rubber it sits in. The bottom two look okay but the rubber doesn't look good.

___end___

GENERAL COMMENT BY waters: Thu Jun 04 22:39:43 GMT 2020
Rotated the dome manually

____end____

GENERAL COMMENT BY waters: Thu Jun 04 22:39:44 GMT 2020

____end____

****Possible CME in Progress waters**** : Fri Jun 05 00:21:18 GMT 2020
Sky getting a bit bright but pushing through it.

____end____

Fri Jun 05 00:22:00 GMT 2020 KCOR End Patrol

Fri Jun 05 00:22:07 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Jun 05 00:22:30 GMT 2020
That should not have been tagged as an CME alert.

____end____

GENERAL COMMENT BY waters: Fri Jun 05 00:22:44 GMT 2020
Sky is too bright stopping Kcor

____end____

GENERAL COMMENT BY waters: Fri Jun 05 00:35:54 GMT 2020
Cirrus coming up from the West.

____end____

GENERAL COMMENT BY waters: Fri Jun 05 00:37:35 GMT 2020

RA error just lost tracking for a bit, went to -1500 arcsec and has come back.

____end____

GENERAL COMMENT BY waters: Fri Jun 05 01:25:48 GMT 2020

Good start to taking data, wind kept aerosols low. Unfortunately, cirrus moved in and no more data was taken for the rest of the day.

____end____

ONSITE STAFF: waters