
Mauna Loa Solar Observatory Observer's Log

Tue Jun 30 15:27:56 GMT 2020

Year: 20 Doy: 182

Observer: waters

WEATHER COMMENT: waters: Tue Jun 30 16:15:16 GMT 2020

Temp: 42.5f with windspeed at about 4-10mph from the South-Southeast. Bit of a haze at 11,000ft but otherwise the sky is clear.

____end____

GENERAL COMMENT BY waters: Tue Jun 30 16:23:41 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Tue Jun 30 16:23:53 GMT 2020

Windows opened upstairs

____end____

GENERAL COMMENT BY waters: Tue Jun 30 16:26:51 GMT 2020

Looks like SGS had been restarted at some point; Guider Zero offset had been reset as well as the PID. Put the PID values back to our current recommended:

RA prop: 70

int: .015

DEC prop: 300

int: .006

____end____

GENERAL COMMENT BY waters: Tue Jun 30 16:53:19 GMT 2020

KCor above dome

____end____

Tue Jun 30 16:56:55 GMT 2020 KCOR Start Synoptic Patrol

Tue Jun 30 17:01:07 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Tue Jun 30 17:08:51 GMT 2020

Yesterdays log was incorrect. The un-shifted lookup tables were not applied yesterday. The kcoconfig.ini was edited to point to the 2019 un-shifted lookup tables; but changes were not saved and applied. This morning at ~17:00UT the changes were saved and socketcam restarted to actually use the un-shifted lookup tables.

Data taken before 17:00 have the have the 2-pixel shift lookup tables, where data taken starting at 17:01 have the un-shifted 20190307 lookup tables applied.

____end____

GENERAL COMMENT BY waters: Tue Jun 30 17:19:23 GMT 2020

Two bullet holes, one in the Northwest and the other in the Southwest. Going to try and blow them off the front of the 01.

____end____

Tue Jun 30 17:19:27 GMT 2020 KCOR End Patrol

Tue Jun 30 17:19:31 GMT 2020 KCOR End Patrol

Tue Jun 30 17:23:59 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Tue Jun 30 17:28:05 GMT 2020

Looks like it helped.

____end____

GENERAL COMMENT BY waters: Tue Jun 30 19:08:22 GMT 2020

Holding off on calibrations as it looks like a prominence is expanding in the Southeast. Hard to tell at present.

___end___

GPS COMMENT by MLSO: Tue Jun 30 21:45:08 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_177_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_178_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_179_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_180_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_181_2149.bin 2147483647

___end___

GENERAL COMMENT BY waters: Tue Jun 30 21:45:59 GMT 2020

RA dipped and SGS reset its charts.

___end___

Tue Jun 30 22:06:49 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Tue Jun 30 22:07:10 GMT 2020

Sky too bright at present; Kcor stopped for now.

___end___

Tue Jun 30 22:23:05 GMT 2020 Kcor Focus/alignment program exited

Tue Jun 30 22:23:41 GMT 2020 KCOR Start Synoptic Patrol

Wed Jul 01 02:22:12 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Wed Jul 01 02:27:27 GMT 2020

Aerosols were high in the morning and it got a little bright around noon but otherwise got a full day of data.

___end___

ONSITE STAFF: waters