
Mauna Loa Solar Observatory Observer's Log

Sun Jun 28 15:28:06 GMT 2020

Year: 20 Doy: 180

Observer: waters

GONG COMMENT BY waters: Sun Jun 28 15:45:18 GMT 2020

Went down to the shelter and tied the door open as the temp_tbl was about to red.

____end____

WEATHER COMMENT: waters: Sun Jun 28 16:13:15 GMT 2020

Temp: 41.8f with windspeed at about 6-12mph from the South-Southeast. A bit of a haze at about 10,00ft but otherwise, the sky looks clear.

____end____

GENERAL COMMENT BY waters: Sun Jun 28 16:19:23 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Sun Jun 28 16:19:38 GMT 2020

Windows opened upstairs

____end____

GENERAL COMMENT BY waters: Sun Jun 28 16:20:44 GMT 2020

SGS not guiding, stopping and rerunning the GUI fixed it.

____end____

Sun Jun 28 16:54:13 GMT 2020 Kcor Focus/alignment program exited

Sun Jun 28 16:56:40 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sun Jun 28 18:27:39 GMT 2020

Found a pen looking light on the rim of the dome still on. Turned it off and is currently sitting by the remote downstairs.

____end____

Sun Jun 28 19:00:36 GMT 2020 KCOR End Patrol

Sun Jun 28 19:00:38 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Jun 28 19:15:52 GMT 2020 KCOR End Calibration Script

Sun Jun 28 19:16:09 GMT 2020 KCOR Start Synoptic Patrol

Sun Jun 28 19:16:09 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sun Jun 28 19:19:36 GMT 2020

SGS cleared its charts without prompting. Looks like the RA and Dec error jumped as calibration ended but not too sure.

____end____

Sun Jun 28 20:26:39 GMT 2020 KCOR End Patrol

Sun Jun 28 20:26:50 GMT 2020 KCOR End Patrol

Sun Jun 28 20:27:00 GMT 2020 KCOR Start Synoptic Patrol

Sun Jun 28 20:27:24 GMT 2020 KCOR End Patrol

Sun Jun 28 20:27:36 GMT 2020 KCOR End Patrol

Sun Jun 28 20:28:08 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sun Jun 28 20:28:21 GMT 2020

Bit of cloud skimming past, pushing through

____end____

Sun Jun 28 20:35:12 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Sun Jun 28 20:35:59 GMT 2020

Much bigger cloud crossing the Sun's path, Kcor stopped

____end____

GENERAL COMMENT BY waters: Sun Jun 28 20:49:51 GMT 2020

Kcor Synoptic GUI crashed when starting up again. Starting up the GUI again seems to have fixed it.

____end____

Sun Jun 28 20:49:59 GMT 2020 KCOR Start Synoptic Patrol

Sun Jun 28 20:52:27 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Sun Jun 28 20:53:16 GMT 2020

More clouds crossing, Kcor stopped

____end____

GENERAL COMMENT BY waters: Sun Jun 28 21:31:29 GMT 2020

Clouds over head look a little dark, closing the dome just in case

____end____

GPS COMMENT by MLSO: Sun Jun 28 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_175_2145.bin 2147483647
/mnt/usb/dataoutiq_2020_176_2145.bin 1420685752
/mnt/usb/dataoutiq_2020_177_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_178_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_179_2149.bin 2147483647

____end____

GENERAL COMMENT BY waters: Sun Jun 28 22:57:27 GMT 2020

Raining

____end____

GENERAL COMMENT BY waters: Sun Jun 28 23:07:14 GMT 2020

Rain stopped, now fog.

____end____

GENERAL COMMENT BY waters: Mon Jun 29 01:27:15 GMT 2020

Okay morning, aerosols were prevalent from start up. No data this afternoon. Hope tomorrow is a better day.

____end____

ONSITE STAFF: waters