
Mauna Loa Solar Observatory Observer's Log

Thu Feb 27 16:27:26 GMT 2020

Year: 20 Doy: 058

Observer: waters

WEATHER COMMENT: waters: Thu Feb 27 17:15:54 GMT 2020

Temp: 35.5f with windspeed at about 8-13mph from the Southeast. Sky looks clear

____end____

GENERAL COMMENT BY waters: Thu Feb 27 17:21:42 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Thu Feb 27 17:21:50 GMT 2020

Windows opened upstairs

____end____

GENERAL COMMENT BY waters: Thu Feb 27 17:43:23 GMT 2020

Kcor above dome

____end____

Thu Feb 27 17:45:14 GMT 2020 Kcor Focus/alignment program exited

Thu Feb 27 17:46:16 GMT 2020 KCOR Start Synoptic Patrol

Thu Feb 27 19:54:57 GMT 2020 KCOR End Patrol

Thu Feb 27 19:54:57 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Feb 27 20:10:12 GMT 2020 KCOR End Calibration Script

Thu Feb 27 20:10:29 GMT 2020 KCOR Start Synoptic Patrol

Thu Feb 27 20:10:29 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Thu Feb 27 21:41:40 GMT 2020

Did an oxygen tank check with Allen. Found a mysterious red plastic cap attached to the regulator that belonged to the bottle and should have been removed when the bottle was unwrapped; this made it a bit hard to remove the regulatory to check the other bottle.

We checked the first bottle therefore, and found that our regulator was leaking around the pressure gauge. With the wonderful help of Allen, we removed the pressure gauge and wrapped some plumbers tape around it to help create a better seal. This helped but since our regulator has a plastic white ring to create a seal between bottle and regulator rather than a black rubber one, we still have a small leak around where the bottle meets regulator. Allen and I rotated it a bit to see if that helped and luckily it did. We were able to get a proper read from both bottles, which are currently full.

____end____

GPS COMMENT by MLSO: Thu Feb 27 21:45:07 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2020_053_2145.bin 2147483647

dataoutiq_2020_054_2145.bin 2147483647

dataoutiq_2020_055_2145.bin 2147483647

dataoutiq_2020_056_2145.bin 2147483647

dataoutiq_2020_057_2145.bin 2147483647

____end____

Fri Feb 28 00:47:52 GMT 2020 KCOR End Patrol

Fri Feb 28 00:48:03 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Feb 28 00:48:28 GMT 2020
Clouds passing, Kcor stopped
____end____

Fri Feb 28 01:09:04 GMT 2020 KCOR Start Synoptic Patrol
Fri Feb 28 01:12:56 GMT 2020 KCOR End Patrol
Fri Feb 28 01:13:04 GMT 2020 KCOR End Patrol
Fri Feb 28 01:13:22 GMT 2020 KCOR Start Synoptic Patrol
Fri Feb 28 01:16:07 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Fri Feb 28 01:24:37 GMT 2020
Clouds coming from the Northeast look dark and low, closing the dome just in case
____end____

GENERAL COMMENT BY waters: Fri Feb 28 02:25:02 GMT 2020
Sky was bright at start up but mellowed as the day went on, however, the aerosols picked up as well. Low clouds came in the afternoon.
____end____

ONSITE STAFF: stueben, waters