
Mauna Loa Solar Observatory Observer's Log

Sun Mar 8 15:57:12 GMT 2020

Year: 20 Doy: 068

Observer: waters

WEATHER COMMENT: waters: Sun Mar 08 16:47:23 GMT 2020

Temp: 39.9f with windspeed at about 9-15mph from the Southeast. Cirrus covering the sky at present, waiting for better conditions before opening.

____end____

GENERAL COMMENT BY waters: Sun Mar 08 20:04:21 GMT 2020

PM Blew off Kcor 01

____end____

GENERAL COMMENT BY waters: Sun Mar 08 20:04:30 GMT 2020

Windows opened upstairs

____end____

GENERAL COMMENT BY waters: Sun Mar 08 20:10:38 GMT 2020

Thought we might have an opening in the cirrus but there is still some faintly covering the sky that is hard to see which is making things too bright.

____end____

KCOR COMMENT BY waters: Sun Mar 08 21:00:09 GMT 2020

The ILX lightwave temperature controller for K-Cor is acting strange. The temperature was dropping real fast, so I hit the output button off then on again. Then the TE current limit and TE open LEDs were red and the temperature started climbing past 35.0C.

Powered the whole thing down and then back on to see if that would help. It didn't, temperature kept climbing. Turned the dial down which had the limit set to 40C back to 35.0C. Temperature started to drop again, even below 35. Hit the output button off then on again and it seems to be working now. Currently holding stable at 35C

____end____

Sun Mar 08 21:05:19 GMT 2020 Kcor Focus/alignment program exited

KCOR COMMENT BY waters: Sun Mar 08 21:06:24 GMT 2020

Labview crashed when trying to start up K-Cor Synoptic Acquisition Mode. Restarting Labview seems to have fixed the problem.

____end____

Sun Mar 08 21:07:00 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Sun Mar 08 21:45:07 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2020_063_2145.bin 2147483647

dataoutiq_2020_064_2145.bin 2147483647

dataoutiq_2020_065_2145.bin 2147483647

dataoutiq_2020_066_2145.bin 2147483647

dataoutiq_2020_067_2145.bin 2147483647

____end____

Sun Mar 08 22:12:32 GMT 2020 KCOR End Patrol

Sun Mar 08 22:12:45 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY waters: Sun Mar 08 22:13:50 GMT 2020

Sky is starting to get a bit bright, Kcor stopped for a bit

____end____

GENERAL COMMENT BY waters: Sun Mar 08 22:49:51 GMT 2020

Cirrus moved in again, hoping it clears.

____end____

GENERAL COMMENT BY waters: Mon Mar 09 01:56:33 GMT 2020

Unfortunately, no other data was taken except about an hour's worth between 11 HST and 12 HST. Here's to hoping tomorrow is better.

____end____

ONSITE STAFF: waters