
Mauna Loa Solar Observatory Observer's Log

Fri Jan 17 17:21:34 GMT 2020

Year: 20 Doy: 017

Observer: berkey

WEATHER COMMENT: berkey: Fri Jan 17 17:22:08 GMT 2020

Temp: 39.9f, Humidity: 82%, Pressure: 28.61in, Wind: 10mph from 242deg, Skies: broken overcast

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 18:45:38 GMT 2020

Skies seem ok adjacent enough to open the dome. Hopefully we get some windows of clear skies

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 18:45:47 GMT 2020

PM Blew off Kcor 01 and opened windows up stairs.

____end____

Fri Jan 17 20:00:22 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Fri Jan 17 20:12:00 GMT 2020

Trying to take some data between clouds. windows are small so we might now get much

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 20:19:00 GMT 2020

For this morning 01 focus and alignments were not done. Instead effort was made to get a good alignment and focus for this time of day based on the last couple of observing day.

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 20:23:59 GMT 2020

At least until conditions significantly change I plan to run socketcam and just move the ND in and out of the beam as clouds come thru to hopefully get 1 or 2 good images since it has been so long since we got any data.

Unfortunatly right now it is looking like there is some thin cirrus ruining the data, between the thicker cirrus clumps that are bothering the guider.

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 20:25:33 GMT 2020

Now looking like we have a wet cloud coming up closing dome.

____end____

GPS by MLSO: Fri Jan 17 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2019_347_2234.bin 2147483647

dataoutiq_2019_348_2234.bin 2147483647

dataoutiq_2019_349_2234.bin 2147483647

dataoutiq_2019_350_2234.bin 2147483647

dataoutiq_2019_351_2234.bin 2147483647

____end____

Fri Jan 17 22:18:34 GMT 2020 Kcor Focus/alignment program exited

Fri Jan 17 22:19:21 GMT 2020 KCOR Start Synoptic Patrol

Fri Jan 17 22:24:01 GMT 2020 KCOR End Patrol

Fri Jan 17 22:24:06 GMT 2020 KCOR End Patrol

Fri Jan 17 22:26:57 GMT 2020 KCOR Start Synoptic Patrol

Fri Jan 17 22:27:21 GMT 2020 KCOR End Patrol

Fri Jan 17 22:27:23 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri Jan 17 22:27:27 GMT 2020

Passing in and out of clouds.

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 22:51:17 GMT 2020

Dome closed.

____end____

GENERAL COMMENT BY berkey: Fri Jan 17 23:52:20 GMT 2020

Heavy fog.

____end____

GPS COMMENT BY berkey: Sat Jan 18 00:01:57 GMT 2020

Swapped disks on the GPS.

____end____

GPS by MLSO: Sat Jan 18 00:02:50 GMT 2020

Successfully logged in to system

Unable to mount disk

GPS software failure to start

____end____

GENERAL COMMENT BY berkey: Sat Jan 18 00:08:30 GMT 2020

Cannot mount the new disk reverting to the old disk.

____end____

GPS by MLSO: Sat Jan 18 00:09:05 GMT 2020

Successfully logged in to system

Unable to mount disk

GPS software failure to start

____end____

GPS by MLSO: Sat Jan 18 00:09:49 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2020_015_0032.bin 2147483647

dataoutiq_2020_015_1942.bin 24992176

dataoutiq_2020_015_1956.bin 2147483647

dataoutiq_2020_016_1956.bin 2147483647

dataoutiq_2020_017_1956.bin 546154104

____end____

GENERAL COMMENT BY berkey: Sat Jan 18 01:52:55 GMT 2020

Nice to get some data today. if we had a faster shutter/cover we would have probably got twice as much. Oh well the forecast for next week looks much better.

____end____

ONSITE STAFF: berkey