
Mauna Loa Solar Observatory Observer's Log

Wed May 6 16:20:40 GMT 2020

Year: 20 Doy: 127

Observer: berkey

WEATHER COMMENT: berkey: Wed May 06 16:22:49 GMT 2020

Temp: 38.9f, Humidity: 30%, Pressure: 28.668in, Wind: 5mph from 180deg, Skies: thin cirrus

____end____

GENERAL COMMENT BY berkey: Wed May 06 16:32:02 GMT 2020

PM Blew off Kcor 01 and opened windows upstairs

____end____

GENERAL COMMENT BY berkey: Wed May 06 19:09:11 GMT 2020

Sky still very bright.

____end____

Wed May 06 20:23:25 GMT 2020 Kcor Focus/alignment program exited

GPS COMMENT by MLSO: Wed May 06 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq_2020_121_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_122_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_123_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_124_2146.bin 2147483647

/mnt/usb/dataoutiq_2020_125_2146.bin 2147483647

____end____

GENERAL COMMENT BY berkey: Thu May 07 01:46:44 GMT 2020

Inspected the dec drive train worm gear/ball screw assemblies. Found the shaft coupler that couples the worm wheel to the ball screw shaft was loose. Tightening it up seems to have removed the slop on the DEC train.

____end____

GENERAL COMMENT BY berkey: Thu May 07 01:51:13 GMT 2020

Still working on the new dome camera. It now has a more permeate mounting with no cable trip hazards.

Work on the software to capture images around the dome is in progress. For an initial draft there is a pipeline that takes the camera on a patrol around the dome and displays images to a webpage on wahoo.

____end____

ONSITE STAFF: berkey