
Mauna Loa Solar Observatory Observer's Log

Fri Jul 24 16:19:32 GMT 2020

Year: 20 Doy: 206

Observer: berkey

WEATHER COMMENT: berkey: Fri Jul 24 16:19:38 GMT 2020

Temp: 44.3f, Humidity: 21%, Pressure: 28.698in, Wind: 2mph from 58degs, Skies: clear

____end____

GENERAL COMMENT BY berkey: Fri Jul 24 16:50:16 GMT 2020

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY berkey: Fri Jul 24 16:50:19 GMT 2020

Opened windows upstairs

____end____

Fri Jul 24 17:04:17 GMT 2020 Kcor Focus/alignment program exited

Fri Jul 24 17:08:08 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 24 19:16:17 GMT 2020 KCOR End Patrol

Fri Jul 24 19:16:18 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Jul 24 19:31:32 GMT 2020 KCOR End Calibration Script

Fri Jul 24 19:31:49 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 24 19:31:49 GMT 2020 KCOR Start Synoptic Patrol

Fri Jul 24 20:11:03 GMT 2020 Kcor Focus/alignment program exited

Fri Jul 24 20:11:43 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Fri Jul 24 20:45:37 GMT 2020

PM Blew off Kcor O1

There is a were light signal in the data. It kind of looks like the signal we see when an optic is part way in the beam.

Full inspection found nothing obviously wrong other than a couple dust particles on the O1. Not sure why the dust casued the pattern we were seeing but blowing off the O1 seems to have done the trick.

____end____

GPS COMMENT by MLSO: Fri Jul 24 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_197_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_198_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_199_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_200_2149.bin 2147483647

/mnt/usb/dataoutiq_2020_201_2145.bin 0

____end____

GPS COMMENT by MLSO: Fri Jul 24 23:41:53 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

```
/mnt/usb/dataoutiq_2020_197_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_198_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_199_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_200_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_201_2145.bin 0
```

___end___

GPS COMMENT by MLSO: Fri Jul 24 23:43:40 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

```
/mnt/usb/dataoutiq_2020_197_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_198_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_199_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_200_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_201_2145.bin 0
```

___end___

GPS COMMENT by MLSO: Fri Jul 24 23:47:48 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

```
/mnt/usb/dataoutiq_2020_197_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_198_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_199_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_200_2149.bin 2147483647
/mnt/usb/dataoutiq_2020_201_2145.bin 0
```

___end___

GPS PROBLEM COMMENT BY berkey : Fri Jul 24 23:55:25 GMT 2020

Cases GPS looks like it had its date reset to December 2000 ~5 days ago. Because of this all the data we took over that period has the wrong timestamps.

___end___

GENERAL COMMENT BY berkey: Sat Jul 25 00:16:17 GMT 2020

Nice morning but heavy aerosol and clouds in the afternoon.

___end___

ONSITE STAFF: berkey