

---

Mauna Loa Solar Observatory Observer's Log

---

Wed Jun 3 16:12:34 GMT 2020

Year: 20 Doy: 155

Observer: berkey

WEATHER COMMENT: berkey: Wed Jun 03 16:12:55 GMT 2020

Temp: 48.6f, Humidity: 30%, Pressure: 28.617in, Wind: 6mph from 154deg, Skies: mostly clear but some cirrus seen in the SE

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed Jun 03 16:24:39 GMT 2020

Loosened the DEC clutch since Lisa reported difficulty moving it yesterday after I tightened it on Monday.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed Jun 03 16:25:40 GMT 2020

PM Blew off Kcor 01

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed Jun 03 16:25:48 GMT 2020

Opened windows upstairs

\_\_\_\_end\_\_\_\_

Wed Jun 03 16:50:45 GMT 2020 SGS Alignment complete

Wed Jun 03 16:50:47 GMT 2020 Kcor Focus/alignment program exited

Wed Jun 03 16:58:13 GMT 2020 KCOR Start Synoptic Patrol

\*\*\*\*EVENT COMMENT BY berkey\*\*\*\* : Wed Jun 03 17:08:00 GMT 2020

Eruptive material seen in KCor near PA:300 before sunrise 16:50UT.

\_\_\_\_end\_\_\_\_

Wed Jun 03 17:29:56 GMT 2020 KCOR End Patrol

Wed Jun 03 17:30:04 GMT 2020 KCOR End Patrol

Wed Jun 03 17:31:59 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Wed Jun 03 17:44:43 GMT 2020

Bumped spar around 17:30UT when I went upstairs to take some measurements. Bad images from 17:24->17:31

\_\_\_\_end\_\_\_\_

Wed Jun 03 19:36:49 GMT 2020 KCOR End Patrol

Wed Jun 03 19:44:56 GMT 2020 Kcor Focus/alignment program exited

Wed Jun 03 19:45:05 GMT 2020 SGS Alignment complete

Wed Jun 03 19:45:08 GMT 2020 SGS Alignment complete

Wed Jun 03 19:46:22 GMT 2020 KCOR Start Synoptic Patrol

Wed Jun 03 21:37:56 GMT 2020 KCOR End Patrol

Wed Jun 03 21:37:57 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

GPS COMMENT by MLSO: Wed Jun 03 21:45:09 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_150\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_151\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_152\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_153\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_154\_2145.bin 2147483647

\_\_\_\_end\_\_\_\_

Wed Jun 03 21:46:42 GMT 2020 KCOR ABORT Calibration Script

Wed Jun 03 21:46:58 GMT 2020 KCOR Start Synoptic Patrol

Wed Jun 03 21:46:59 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Wed Jun 03 21:47:01 GMT 2020

Lost guiding during the kcor cal. Looks like the spar is too far out of balance in DEC and I left the clutch too loose this morning. Tightened the clutch up a bit and removed the 10# counterweight installed on the north face of the spar that was installed May 1st to put the spar out of balance to try and address the DEC deadband issue.

\_\_\_\_end\_\_\_\_

Wed Jun 03 21:58:26 GMT 2020 KCOR End Patrol

Wed Jun 03 21:58:27 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jun 03 22:13:35 GMT 2020 KCOR End Calibration Script

Wed Jun 03 22:13:52 GMT 2020 KCOR Start Synoptic Patrol

Wed Jun 03 22:13:52 GMT 2020 KCOR Start Synoptic Patrol

Wed Jun 03 23:17:37 GMT 2020 KCOR End Patrol  
Wed Jun 03 23:29:40 GMT 2020 SGS Alignment complete  
Wed Jun 03 23:29:44 GMT 2020 Kcor Focus/alignment program exited  
Wed Jun 03 23:30:51 GMT 2020 KCOR Start Synoptic Patrol  
GENERAL COMMENT BY berkey: Thu Jun 04 01:42:36 GMT 2020  
PM Blew off Kcor Field Lens to try an addresss the new blob artifact that appeared near  
PA220 around 1:20UT.

\_\_\_\_end\_\_\_\_

Thu Jun 04 01:44:41 GMT 2020 KCOR End Patrol  
GENERAL COMMENT BY berkey: Thu Jun 04 02:21:03 GMT 2020  
Nice data of data.

Watching Venus moving thru the corona north of the sun over the course of the day was n  
ice.

\_\_\_\_end\_\_\_\_

ONSITE STAFF: berkey