

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon Jun 1 16:17:49 GMT 2020

Year: 20 Doy: 153

Observer: berkey

WEATHER COMMENT: berkey: Mon Jun 01 16:17:58 GMT 2020

Temp: 47.3f, Humidity: 65%, Pressure: 28.582in, Wind: 12mph from 130degs, Skies: clear

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

GENERAL COMMENT BY berkey: Mon Jun 01 16:29:50 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY berkey: Mon Jun 01 16:29:58 GMT 2020

Opened windows upstairs.

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

Mon Jun 01 16:44:59 GMT 2020 Kcor Focus/alignment program exited

Mon Jun 01 16:45:24 GMT 2020 Kcor Focus/alignment program exited

Mon Jun 01 16:49:22 GMT 2020 Kcor Focus/alignment program exited

Mon Jun 01 17:32:12 GMT 2020 KCOR Start Synoptic Patrol

Mon Jun 01 19:23:15 GMT 2020 SGS Alignment complete

Mon Jun 01 19:25:24 GMT 2020 Kcor Focus/alignment program exited

Mon Jun 01 19:25:58 GMT 2020 KCOR Start Synoptic Patrol

Mon Jun 01 20:17:58 GMT 2020 KCOR End Patrol

Mon Jun 01 20:18:02 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Jun 01 21:10:12 GMT 2020

Saw a lot of spar shake, epically in the dec. Moving the dome slot awa from the wind addressed some of this shaking.

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

Mon Jun 01 21:10:48 GMT 2020 SGS Alignment complete

Mon Jun 01 21:15:02 GMT 2020 Kcor Focus/alignment program exited

Mon Jun 01 21:41:27 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Mon Jun 01 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\_148\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_149\_2145.bin 2147483647

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

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

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

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

Mon Jun 01 22:47:44 GMT 2020 KCOR End Patrol

Mon Jun 01 22:54:12 GMT 2020 Kcor Focus/alignment program exited

Mon Jun 01 23:01:08 GMT 2020 Kcor Focus/alignment program exited

Tue Jun 02 00:19:44 GMT 2020 SGS Alignment complete

Tue Jun 02 00:23:55 GMT 2020 Kcor Focus/alignment program exited

Tue Jun 02 00:24:32 GMT 2020 KCOR Start Synoptic Patrol

Tue Jun 02 00:24:36 GMT 2020 KCOR End Patrol

Tue Jun 02 00:24:36 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini  
Tue Jun 02 00:39:50 GMT 2020 KCOR End Calibration Script  
Tue Jun 02 00:40:07 GMT 2020 KCOR Start Synoptic Patrol  
Tue Jun 02 00:40:07 GMT 2020 KCOR Start Synoptic Patrol  
Tue Jun 02 02:03:57 GMT 2020 KCOR End Patrol  
Tue Jun 02 02:05:17 GMT 2020 SGS Alignment complete  
GENERAL COMMENT BY berkey: Tue Jun 02 03:29:47 GMT 2020  
Checked the spar balance an removed 5 pounds from the back. I also sligtly tightned the dec clutch.

Hopefully this reduced the spar shake in the early-afternoon.

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

GENERAL COMMENT BY berkey: Tue Jun 02 03:31:49 GMT 2020

Nice day. Looks like we missed a decent sized/bright cme launching before sunrise, near PA 120. CME detection code in the pipe did a good job finding it.

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

GENERAL COMMENT BY berkey: Tue Jun 02 03:32:14 GMT 2020

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

ONSITE STAFF: berkey