
Mauna Loa Solar Observatory Observer's Log

Mon Jan 27 17:23:48 GMT 2020

Year: 20 Doy: 027

Observer: berkey

WEATHER COMMENT: berkey: Mon Jan 27 17:25:03 GMT 2020

Temp: 38.5f, Humidity: 10%, Pressure: 28.885in, Wind: 14mph from 163degs, Skies: clear

____end____

GENERAL COMMENT BY berkey: Mon Jan 27 17:42:09 GMT 2020

PM Blew off Kcor O1 front and back

____end____

Mon Jan 27 18:01:23 GMT 2020 SGS Alignment complete

Mon Jan 27 18:02:17 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Mon Jan 27 18:03:49 GMT 2020

Blowing off the O1 didnt work.

____end____

Mon Jan 27 18:11:11 GMT 2020 KCOR Start Synoptic Patrol

Mon Jan 27 18:59:50 GMT 2020 KCOR End Patrol

Mon Jan 27 18:59:50 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jan 27 19:15:05 GMT 2020 KCOR End Calibration Script

Mon Jan 27 19:15:22 GMT 2020 KCOR Start Synoptic Patrol

Mon Jan 27 19:15:22 GMT 2020 KCOR Start Synoptic Patrol

Mon Jan 27 20:09:39 GMT 2020 KCOR End Patrol

Mon Jan 27 20:12:01 GMT 2020 Kcor Focus/alignment program exited

Mon Jan 27 20:12:41 GMT 2020 KCOR Start Synoptic Patrol

GPS by MLSO: Mon Jan 27 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

dataoutiq_2020_023_0009.bin 2147483647

dataoutiq_2020_024_0009.bin 2147483647

dataoutiq_2020_025_0009.bin 2147483647

dataoutiq_2020_026_0009.bin 2147483647

dataoutiq_2020_027_0009.bin 2147483647

____end____

Mon Jan 27 22:35:38 GMT 2020 KCOR End Patrol

Mon Jan 27 22:39:54 GMT 2020 Kcor Focus/alignment program exited

Mon Jan 27 22:41:18 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Jan 27 23:35:35 GMT 2020

Dust move from 96Gb ram to 256Gb

____end____

Mon Jan 27 23:37:56 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Jan 27 23:38:35 GMT 2020

Pausing observations to wash the Kcor lens.

____end____

Tue Jan 28 00:41:36 GMT 2020 Kcor Focus/alignment program exited

Tue Jan 28 00:49:59 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Tue Jan 28 00:50:48 GMT 2020

PM Washed Kcor O1. Looks like the cleaning worked with the souther bullet hole removed.

____end____

GENERAL COMMENT BY berkey: Tue Jan 28 01:22:34 GMT 2020

Looks like kcor started up in the wrong state after the realignmnet around 22:40 and extended to the cleaning around 23:37 ut.

During the shutdown of socketcam to startup the focus program at 22:40 socketcam didnt shut down gracefully. I wonder if this was the reason we started up in the wrong polarization. The last few times we saw this problem, kcor was running smoothly taking a long sequence of data and suddenly we skipped a frame. This seems slightly different.

____end____

Tue Jan 28 02:20:00 GMT 2020 KCOR End Patrol

GENERAL COMMENT BY berkey: Tue Jan 28 02:21:27 GMT 2020

Gave a tour to an CISL/RAL scientest.

____end____

ONSITE STAFF: berkey