
Mauna Loa Solar Observatory Observer's Log

Wed Jun 03 17:22:52 GMT 2026

Year:26 Doy:154

Observer: berkey

Weather COMMENT BY berkey: Wed Jun 03 17:23:04 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-03 17:20:00

Temperature : 48.67 deg F

Dew Point : 19.73 deg F

Pressure : 682.73 mbar

Wind Speed : 1.79 mph

Wind Direction : 344.2 deg

Skies: clear

____end____

** KCOR PM berkey ** : Wed Jun 03 17:23:11 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY berkey: Wed Jun 03 17:23:16 GMT 2026

Dome open

____end____

Wed Jun 03 17:29:31 GMT 2026 Kcor Focus/alignment program exited

Wed Jun 03 17:30:17 GMT 2026 KCOR Start Synoptic Patrol

Wed Jun 03 19:12:00 GMT 2026 KCOR End Patrol

Wed Jun 03 19:12:01 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jun 03 19:27:11 GMT 2026 KCOR End Calibration Script

Wed Jun 03 19:27:27 GMT 2026 KCOR Start Synoptic Patrol

Wed Jun 03 19:27:28 GMT 2026 KCOR Start Synoptic Patrol

Wed Jun 03 19:29:30 GMT 2026 KCOR End Patrol

Wed Jun 03 19:58:33 GMT 2026 KCOR Start Synoptic Patrol

Wed Jun 03 19:58:34 GMT 2026 KCOR End Patrol

Wed Jun 03 19:58:36 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

** KCOR PROBLEM REPORTED BY berkey ** : Wed Jun 03 20:01:16 GMT 2026

Bad Calibration.

During the last calibration; it looks like the firewall applied updates and rebooted.

This caused kcor to lose connection to the SGS and Boulder. It looks like this could have caused some issues with the meta-data in a few of the files related to that calibration scan.

I have not dug into the data to verify meta-data, but to be sure we are get a good calibration a new one has started.

____end____

UCOMP COMMENT BY berkey: Wed Jun 03 20:09:20 GMT 2026 entry was edited

ucomp hardware changes:

On UCoMP computer RCAM/TCAM cables swapped now TCAM left(south) RCAM right (north).

Cropico batters have been replaced, and it now turns on.

____end____

Wed Jun 03 20:13:50 GMT 2026 KCOR End Calibration Script

Wed Jun 03 20:14:07 GMT 2026 KCOR Start Synoptic Patrol

Wed Jun 03 20:14:07 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY berkey ** : Wed Jun 03 20:24:09 GMT 2026

Kcor circular acquisition error

Looks like we got an error at 20:00:23 UT during the last calibration. Darn.

____end____

Wed Jun 03 20:24:13 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jun 03 20:39:28 GMT 2026 KCOR End Calibration Script

** KCOR PROBLEM REPORTED BY berkey ** : Wed Jun 03 21:16:00 GMT 2026

Kcor circular acquisition error Data in the wrong state from 21:09:56->21:15:14

____end____

Wed Jun 03 21:38:05 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY KCOR: Wed Jun 03 23:05:00 GMT 2026

KCOR file transfer report

KCor created 1315 .bin files

1312 .fts files

NOTICE ? 3 .bin file(s) with no matching .fts:

20260603_202051_kcor.bin

20260603_211514_kcor.bin

20260603_230352_kcor.bin

WARNING 11 fts file(s) found locally that was not transfered dawn

ACTION must be taken to copy:

20260603_172954_kcor.fts

20260603_173011_kcor.fts

20260603_173026_kcor.fts

20260603_173041_kcor.fts

20260603_173056_kcor.fts

20260603_173112_kcor.fts

20260603_173127_kcor.fts

20260603_191623_kcor.fts

20260603_191638_kcor.fts

20260603_191653_kcor.fts

20260603_191940_kcor.fts

____end____

UCOMP COMMENT BY berkey: Thu Jun 04 01:33:58 GMT 2026

ucomp hardware changes

-UCoMP cameras not detecting in the correct order.

-Standa controllers now working (occulter and calibration stages).

-Water replaced in camera cooling system.

____end____

GENERAL COMMENT BY berkey: Thu Jun 04 01:35:20 GMT 2026

Building maintenance

EPC on site today. Solar panel wiring nearly in place (pulled through all the conduit)

. Panels still need to be connected to inverters and batteries.

____end____

Logger COMMENT BY berkey: Thu Jun 04 01:35:22 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____