
Mauna Loa Solar Observatory Observer's Log

Thu Jun 04 16:47:56 GMT 2026

Year:26 Doy:155

Observer: berkey

Weather COMMENT BY berkey: Thu Jun 04 16:48:19 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-04 16:44:00

Temperature : 44.09 deg F

Dew Point : 19.69 deg F

Pressure : 681.39 mbar

Wind Speed : 25.5 mph

Wind Direction : 161.6 deg

Skies: Clear.

Windy and cold.

____end____

Thu Jun 04 17:57:42 GMT 2026 Kcor Focus/alignment program exited

Thu Jun 04 18:10:04 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jun 04 18:18:24 GMT 2026

Kcor heater.

KCOR modulator heater didn't start this morning. For some reason the goal zero battery turned of its output so the t rigger to turn on the heater could not go out.

Got on sky after getting the modulator to temperature.

____end____

Thu Jun 04 19:25:29 GMT 2026 KCOR End Patrol

Thu Jun 04 19:25:30 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Jun 04 19:40:44 GMT 2026 KCOR End Calibration Script

Thu Jun 04 19:41:00 GMT 2026 KCOR Start Synoptic Patrol

Thu Jun 04 19:41:01 GMT 2026 KCOR Start Synoptic Patrol

UCOMP COMMENT BY berkey: Fri Jun 05 00:03:39 GMT 2026

ucomp realtime software

More UCoMP work today:

- Verified filter wheel (needed to install python to connect)

- verified new script locations.

Having some camera issues. RCAM (camera 0) seems to lose serial control from time to time requiring power cycling to reconnect. This happens in labview and the camera software (XCAP). I don't think I have seen this before; more troubleshooting to come.

UCoMP worked paused for the day to recharge batteries. Hopefully this is the last time we need to do this before switching over the new new array.

____end____

** GENERAL PROBLEM REPORTED BY berkey ** : Fri Jun 05 00:10:22 GMT 2026

Spar collided with ladder while I was out side. tracking again.

____end____

Fri Jun 05 00:41:50 GMT 2026 Report Time: 00:40:56 UTC

Image: 20260605_002808_kcor_l2_nrgf.gif

Obs time: 00:28:08

Launch Time: 00:00:00

CME Front Height: 1.50 Rs (front)

CME Front Angle: 284.7

East Wing Angle: 275.9

West Wing Angle: 290.8

Angular Width: 14.9

CME Speed: moderate

CME Brightness: moderate

Confidence: medium

KCOR COMMENT BY KCOR: Fri Jun 05 01:15:28 GMT 2026

KCOR file transfer report
KCor created 1726 .bin files
1725 .fts files

NOTICE ? 1 .bin file(s) with no matching .fts:
20260605_011455_kcor.bin
Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY berkey: Fri Jun 05 02:02:36 GMT 2026

EPC finished all the solar panel wiring. But testing showed some communication issues between the 3 inverters. It seems like a few config changes are needed either in the inverter software or dip switches. But the techs ran out of time before their flights so troubleshooting did not complete.

Further the PSPT area panel B is not wired into the building. This was disconnected during generator ops and needs to be caught next week.

EPC will be back Tuesday to continue the power work work.

____end____

Logger COMMENT BY berkey: Fri Jun 05 02:02:36 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____