
Mauna Loa Solar Observatory Observer's Log

Tue Aug 04 17:29:24 GMT 2026

Year:26 Doy:216

Observer: berkey

Tue Aug 04 17:31:44 GMT 2026 Kcor Focus/alignment program exited

Weather COMMENT BY berkey: Tue Aug 04 17:32:36 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-04 17:26:00

Temperature : 47.05 deg F

Dew Point : 31.9 deg F

Pressure : 681.42 mbar

Wind Speed : 5.37 mph

Wind Direction : 205.6 deg

Skies: cirrus in most directions and low clouds/high inversion layer covering the saddle.

____end____

Tue Aug 04 17:42:40 GMT 2026 KCOR Start Synoptic Patrol

Tue Aug 04 18:05:03 GMT 2026 KCOR End Patrol

Tue Aug 04 18:05:08 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Wed Aug 05 01:05:52 GMT 2026

KCOR file transfer report

KCor created 443 .bin files

442 .fts files

NOTICE ? 1 .bin file(s) with no matching .fts:

20260804_192458_kcor.bin

Remote site is complete ? no rsync required.

____end____

KCOR COMMENT BY berkey: Wed Aug 05 01:38:18 GMT 2026 entry was edited

More testing of the Kcor shutter.

Nothing conclusive; cabling seems to be in good shape and wired correctly. Other than unexpected voltages on the shutter coils when the shutter is closed everything seems correct. The UCoMP D880C driver board shows the same voltages so this must be the "correct" value but it is confusing.

Both Kcor and UCoMP were restored to their nominal configurations after testing.

____end____

Weather COMMENT BY berkey: Wed Aug 05 01:38:37 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-05 01:35:00

Temperature : 46.65 deg F

Dew Point : 44.89 deg F

Pressure : 680.97 mbar

Wind Speed : 2.91 mph

Wind Direction : 46.1 deg

Skies: heavy rain and clouds for the last couple of hours.

____end____

Logger COMMENT BY berkey: Wed Aug 05 01:39:17 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____