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Mauna Loa Solar Observatory Observer's Log

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Sun Apr 05 17:19:21 GMT 2026

Year:26 Doy:095

Observer: lisapg

Weather BY lisapg: Sun Apr 05 17:20:41 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-05 17:17:00

Temperature : 44.2 deg F

Dew Point : -9.62 deg F

Pressure : 677.89 mbar

Wind Speed : 11.63 mph

Wind Direction : 203.4 deg

Skies: Currently clear with a light haze at 10,000 ft.

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

GENERAL COMMENT BY lisapg: Sun Apr 05 17:36:25 GMT 2026

Opened windows upstairs

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

GENERAL COMMENT BY lisapg: Sun Apr 05 17:36:31 GMT 2026

Dome open

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

KCOR COMMENT BY lisapg: Sun Apr 05 17:37:23 GMT 2026

Waiting for Ben to finish up with the Kcor 01 before starting.

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

\*\* KCOR PM berkey \*\* : Sun Apr 05 18:25:34 GMT 2026

Kcor 01 first contact First contact removed from the 01 front surface. It looked significant better than yesterday. After this was completed the front surface was rinsed and the back surface was washed to remove dust on the back. The 01 blown off before installation.

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

KCOR COMMENT BY berkey: Sun Apr 05 19:33:18 GMT 2026

kcor Calibration started at 19:31

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

KCOR COMMENT BY berkey: Sun Apr 05 19:49:19 GMT 2026

kcor Calibration ended

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

\*\* KCOR PROBLEM REPORTED BY berkey \*\* : Sun Apr 05 19:55:57 GMT 2026 entry was edited

Kcor circular acquisition error Socketcam had a circular board acquisition error at 19:38 and jumped polarization state. This was during the calibration, so we should not process /use that set of data.

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

KCOR COMMENT BY lisapg: Sun Apr 05 20:15:35 GMT 2026 entry was edited

kcor Calibration started

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

KCOR COMMENT BY lisapg: Sun Apr 05 20:33:00 GMT 2026 entry was edited

kcor Calibration ended

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

Weather BY lisapg: Sun Apr 05 21:19:08 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-05 21:14:00

Temperature : 50.38 deg F

Dew Point : 20.03 deg F

Pressure : 678.72 mbar

Wind Speed : 9.62 mph

Wind Direction : 345.7 deg

Skies: Sky is clear but aerosols are starting to pick up.

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

Weather COMMENT BY lisapg: Sun Apr 05 22:45:50 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-05 22:41:00

Temperature : 50.13 deg F

Dew Point : 28.25 deg F

Pressure : 678.18 mbar

Wind Speed : 10.29 mph

Wind Direction : 356.7 deg

Skies: Some cloud are popping up to the South-Southeast of Mauna Loas shoulder and a fe

w wisps of cirrus are coming in from the West; will keep an eye on them.

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

KCOR COMMENT BY lisapg: Sun Apr 05 22:58:45 GMT 2026

Cirrus crossing, idling Kcor for now.

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

\*\* GENERAL PROBLEM REPORTED BY lisapg \*\* : Sun Apr 05 23:07:46 GMT 2026

Lost the network, working on figuring out what happened.

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

KCOR COMMENT BY lisapg: Sun Apr 05 23:30:14 GMT 2026

Clouds passing, kcor stopped for now

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

KCOR COMMENT BY lisapg: Sun Apr 05 23:51:34 GMT 2026

Sucker hole, seems we may be clouded over for the rest of the day....

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

KCOR COMMENT BY KCOR: Mon Apr 06 00:10:08 GMT 2026

KCOR file transfer report

KCor created 1215 .bin files

1212 .fts files

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

20260405\_195252\_kcor.bin

20260405\_232919\_kcor.bin

20260405\_234545\_kcor.bin

Remote site is complete ? no rsync required.

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

KCOR COMMENT BY lisapg: Mon Apr 06 00:51:19 GMT 2026

Kcor realtime software Updated the kcor labview code to interact with the new logger s  
oftware. We should not get exact start and stop times for the calibrations where othe  
r recent times were approximates noted by the observer.

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

Logger COMMENT BY : Mon Apr 06 00:54:19 GMT 2026

Log closed

ONSITE STAFF:

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