
Mauna Loa Solar Observatory Observer's Log

Sun May 03 16:35:11 GMT 2026

Year:26 Doy:123

Observer: mcotter

Weather COMMENT BY mcotter: Sun May 03 16:38:04 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-03 16:32:00

Temperature : 41.17 deg F

Dew Point : 2.44 deg F

Pressure : 679.3 mbar

Wind Speed : 6.93 mph

Wind Direction : 218.0 deg

Skies: Clear but slightly hazy skies. A light gray inversion layer is visible on the horizon above Haleakala. Heavy cloud coverage in the Saddle Valley up to approximately 10,000'.

____end____

GENERAL COMMENT BY mcotter: Sun May 03 16:48:02 GMT 2026

Dome open

____end____

GENERAL COMMENT BY mcotter: Sun May 03 16:48:51 GMT 2026

Opened windows upstairs

____end____

** KCOR PM mcotter ** : Sun May 03 16:49:07 GMT 2026

Blew off Kcor O1

____end____

Sun May 03 17:01:43 GMT 2026 Kcor Focus/alignment program exited

KCOR COMMENT BY KCOR: Sun May 03 17:02:56 GMT 2026

KCOR file transfer report

KCor created 0 .bin files

0 .fts files

Remote site is complete ? no rsync required.

____end____

KCOR COMMENT BY mcotter: Sun May 03 17:07:10 GMT 2026

Kcor Started.

Polarization checked good.

The sky is a bit bright, but clear. The Kcor Instrument is now observing.

____end____

BY mcotter: Sun May 03 17:14:06 GMT 2026

Power Supply Levels.

ECO FLO:

Battery: 43%.

Input: 140 W.

Output: 770 W

YETI:

Battery: 36%.

Input: 60 W.

Output: 60 W

____end____

Weather COMMENT BY mcotter: Sun May 03 17:25:41 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-03 17:20:00

Temperature : 49.75 deg F

Dew Point : 0.1 deg F

Pressure : 679.62 mbar

Wind Speed : 0.89 mph

Wind Direction : 329.4 deg

Skies: The sky is beginning to lose some of its brightness and the Kcor Synoptic images are starting to darken. Overall, good observing conditions at present.

____end____

CME Retraction COMMENT BY mcotter: Sun May 03 19:04:42 GMT 2026

CME retraction.

An automated CME Alert was sent out for PA: 282 Deg., at 17:51 UT. Upon further observations the anomaly was determined NOT to be a CME, but a very active Prominence region.

A CME Retraction was issued using the original "CME Alert" email that was initially sent out regarding the anomaly.

____end____

Sun May 03 20:01:48 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun May 03 20:16:58 GMT 2026 KCOR End Calibration Script

Weather COMMENT BY mcotter: Sun May 03 20:31:28 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-03 20:26:00

Temperature : 52.32 deg F

Dew Point : 40.64 deg F

Pressure : 680.62 mbar

Wind Speed : 7.83 mph

Wind Direction : 346.5 deg

Skies: Orographic clouds are beginning to come up the Maunaloa slopes from the Saddle Valley area, but they are also forming and dissipating over the observatory and in the viewing area.

____end____

KCOR COMMENT BY mcotter: Sun May 03 20:32:19 GMT 2026

Kcor Stopped;

The Kcor Instrument has been stopped due to clouds in the viewing area.

____end____

KCOR COMMENT BY mcotter: Sun May 03 20:39:57 GMT 2026

It appeared that the clouds may have dissipated overhead in the viewing area so I restarted the Kcor Instrument, but the sky remains very bright so I shut the instrument down again.

____end____

Weather COMMENT BY mcotter: Sun May 03 21:19:32 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-03 21:14:00

Temperature : 51.39 deg F

Dew Point : 41.92 deg F

Pressure : 680.51 mbar

Wind Speed : 6.26 mph

Wind Direction : 344.1 deg

Skies: The skies have become overcast with Orographic clouds.

____end____

GENERAL COMMENT BY mcotter: Sun May 03 21:20:11 GMT 2026

Dome closed.

Windows Closed.

____end____

KCOR COMMENT BY mcotter: Sun May 03 21:21:43 GMT 2026

Kcor Stopped.

Due to the skies becoming overcast with Orographic clouds the Kcor Instrument has been stopped.

____end____

KCOR COMMENT BY KCOR: Sun May 03 21:41:10 GMT 2026

KCOR file transfer report

KCor created 841 .bin files

838 .fts files

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

20260503_202755_kcor.bin

20260503_203748_kcor.bin

20260503_205623_kcor.bin

Remote site is complete ? no rsync required.

____end____

BY mcotter: Sun May 03 21:51:31 GMT 2026

End Of Day.

A good morning for observing until clouds came into the viewing area at approximately 22:30 UT.

A couple of automated CME reports were issued in which I was unable to identify a CME. I sent out an email to the MLSO group advising of this happening. I also called Ben to confer with him on what the anomaly may have been and we both agreed that it looked more like an active Prominence region. I issued a retraction using the initial automated CME alert email. I saw later in the morning another automated CME alert email was sent out for the same region. I did not issue a retraction for this email as there was definitely activity going on in this area and I thought someone with better expertise should comment on this anomaly.

____end____

Logger COMMENT BY mcotter: Sun May 03 21:51:35 GMT 2026

Log closed

ONSITE STAFF: mcotter

____end____