
Mauna Loa Solar Observatory Observer's Log

Tue May 12 16:42:01 GMT 2026

Year:26 Doy:132

Observer: mcotter

Weather COMMENT BY mcotter: Tue May 12 16:45:53 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-12 16:38:00

Temperature : 48.29 deg F

Dew Point : -1.37 deg F

Pressure : 678.69 mbar

Wind Speed : 11.41 mph

Wind Direction : 152.6 deg

Skies: Overhead skies are clear with some scattered Cirrostratus clouds low on the horizon. A brown gray inversion layer is visible on the horizon above 10,000' elevation. The sky appears to be a bit bright in the East at this time.

____end____

** KCOR PROBLEM REPORTED BY mcotter ** : Tue May 12 18:15:57 GMT 2026

kCOR.

When we started the focus routine we received error messages which did not allow the cameras to do anything. It appeared that another application was communicating with the cameras and holding the communication port not allowing us to continue communicating with the cameras. We checked all cable connections at the back of the computer and verified the power supplies for the cameras to ensure that they were receiving appropriate power. Eventually the error seemed to correct itself and we were able to run the focus routine as usual and continue on to observing.

____end____

KCOR COMMENT BY mcotter: Tue May 12 18:16:21 GMT 2026

Kcor.

Kcor instrument now observing.

____end____

Solar Event COMMENT BY mcotter: Tue May 12 18:30:05 GMT 2026

Observed Prominence.

Approximate Solar PA: 283 Deg

Height: 1.33 Radii

____end____

Weather COMMENT BY mcotter: Tue May 12 18:58:24 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-12 18:35:00

Temperature : 54.05 deg F

Dew Point : 11.12 deg F

Pressure : 679.6 mbar

Wind Speed : 8.95 mph

Wind Direction : 9.2 deg

Skies: Skies are beautifully clear but aerosols are increasing and are becoming prevalent in the NRGF images.

____end____

GENERAL COMMENT BY mcotter: Tue May 12 19:00:18 GMT 2026

Rebecca has arrived onsite.

____end____

BY mcotter: Tue May 12 19:19:03 GMT 2026

Jay Paulk has arrived onsite.

____end____

Tue May 12 20:07:28 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue May 12 20:22:42 GMT 2026 KCOR End Calibration Script

** GENERAL PROBLEM REPORTED BY mcotter ** : Tue May 12 21:28:36 GMT 2026

Internet down:

The internet dropped out for a moderate period of time (the drop out began at approximately 20:43 UT). We are not entirely sure of the duration of the outage (we believe it w

as out for approximately 45 minutes), but the issue was a problem inside the NOAA building that transmits signal to the MLSO.

____end____

Weather COMMENT BY mcotter: Tue May 12 21:33:43 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-12 21:26:00

Temperature : 55.33 deg F

Dew Point : 36.33 deg F

Pressure : 679.64 mbar

Wind Speed : 6.71 mph

Wind Direction : 332.1 deg

Skies: The skies are getting very bright and a long trail of high Cirrus is coming from the West into the observing area.

____end____

KCOR COMMENT BY mcotter: Tue May 12 21:35:38 GMT 2026

Kcor:

The sky has become very bright and the Synoptic Images have become a bit saturated. The Kcor Instrument has been stopped at this time.

____end____

Weather COMMENT BY mcotter: Tue May 12 21:40:40 GMT 2026

Orographic clouds are increasing in the Saddle Valley and on the West slope of Maunaloa at this time. There are long trails of Cirrus and Cirrostratus clouds coming in from the West and the South moving in a Northeasterly direction.

____end____

KCOR COMMENT BY KCOR: Wed May 13 00:05:05 GMT 2026

KCOR file transfer report

KCor created 835 .bin files

833 .fts files

NOTICE ? 2 .bin file(s) with no matching .fts:

20260512_213352_kcor.bin

20260512_225206_kcor.bin

WARNING 2 fts file(s) found locally that was not transferred dawn

ACTION must be taken to copy:

20260512_225135_kcor.fts

20260512_225150_kcor.fts

____end____

Logger COMMENT BY mcotter: Wed May 13 00:06:45 GMT 2026

Log closed

ONSITE STAFF: berkey, mcotter, Rebecca Ulaszek, Jay Paulk

____end____