
Mauna Loa Solar Observatory Observer's Log

Mon Sep 28 16:35:29 GMT 2026

Year:26 Doy:271

Observer: mcotter

Weather COMMENT BY mcotter: Mon Sep 28 16:37:54 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-09-28 16:32:00

Temperature : 42.38 deg F

Dew Point : 9.88 deg F

Pressure : 679.67 mbar

Wind Speed : 6.49 mph

Wind Direction : 255.7 deg

Skies: Mostly clear skies except for some Cirrus clouds on the low eastern and western horizons. The inversion layer is visible on the horizon just above the peak of Hualalai

____end____

GENERAL COMMENT BY mcotter: Mon Sep 28 17:00:03 GMT 2026

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Sep 28 17:00:14 GMT 2026

Dome open

____end____

** UCOMP PM mcotter ** : Mon Sep 28 17:00:26 GMT 2026

Blew off UCoMP 01

____end____

** KCOR PM mcotter ** : Mon Sep 28 17:00:33 GMT 2026

Blew off Kcor 01

____end____

KCOR BY mcotter: Mon Sep 28 17:28:44 GMT 2026

Kcor:

Kcor focus range manually set to 134.5.

____end____

** KCOR PROBLEM REPORTED BY mcotter ** : Mon Sep 28 17:31:18 GMT 2026

Kcor circular acquisition error:

Twice when attempting to open the Kcor observing program there was an acquisition error . First I tried simply shutting down the and reopening the program with no luck. I shut down the computer and restarted and the observing program opened with no issue.

____end____

KCOR BY mcotter: Mon Sep 28 17:32:54 GMT 2026

Kcor:

I tried running the observing program but the sky is much too bright to observe at this time.

____end____

Weather COMMENT BY mcotter: Mon Sep 28 18:35:04 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-09-28 18:32:00

Temperature : 52.72 deg F

Dew Point : 22.4 deg F

Pressure : 680.56 mbar

Wind Speed : 2.01 mph

Wind Direction : 322.0 deg

Skies: Though the sky appears clear it continues to be much too bright to observe at this time.

____end____

KCOR BY mcotter: Mon Sep 28 18:36:31 GMT 2026

Kcor:

I have attempted to put Kcor on sky and observe multiple times, but the sky continues to be much too bright to observe at this time.

____end____

Weather COMMENT BY mcotter: Mon Sep 28 20:13:47 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-09-28 20:08:00

Temperature : 52.66 deg F

Dew Point : 35.42 deg F

Pressure : 681.23 mbar

Wind Speed : 2.91 mph

Wind Direction : 287.6 deg

Skies: Skies appear clear but they are too bright to observe through.

Orographic clouds are beginning to come up from the west and are now nearing the area of the observatory.

____end____

Weather COMMENT BY mcotter: Mon Sep 28 21:18:22 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-09-28 21:14:00

Temperature : 54.72 deg F

Dew Point : 37.48 deg F

Pressure : 681.17 mbar

Wind Speed : 5.82 mph

Wind Direction : 328.2 deg

Skies: The sky appears clear but is still too bright to observe.

____end____

Weather COMMENT BY mcotter: Mon Sep 28 21:25:19 GMT 2026

Skies: Orographic clouds are increasing to the west and are approaching the area of the observatory.

____end____

GENERAL COMMENT BY mcotter: Mon Sep 28 21:26:04 GMT 2026

Dome closed.

Dome area windows closed.

____end____

KCOR BY mcotter: Mon Sep 28 21:27:55 GMT 2026

Kcor:

Due to deteriorating sky conditions and possible dust from area construction the dome area windows and the dome have been closed.

____end____

BY mcotter: Tue Sep 29 02:40:30 GMT 2026

End Of Day:

Poor sky conditions prevented any observations today.

____end____

Logger COMMENT BY mcotter: Tue Sep 29 02:40:35 GMT 2026

Log closed

ONSITE STAFF: berkey, mcotter

____end____