
Mauna Loa Solar Observatory Observer's Log

Tue Oct 06 16:30:10 GMT 2026

Year:26 Doy:279

Observer: mcotter

Weather COMMENT BY mcotter: Tue Oct 06 16:32:31 GMT 2026

MLsO Current Weather

Timestamp (UTC): 2026-10-06 16:26:00

Temperature : 38.09 deg F

Dew Point : 16.88 deg F

Pressure : 678.55 mbar

Wind Speed : 5.59 mph

Wind Direction : 186.4 deg

Skies: Beautiful clear skies in all directions! The inversion layer is visible on the horizon just at the peak of Hualalai. Light breeze from the south.

____end____

** GENERAL PROBLEM REPORTED BY mcotter ** : Tue Oct 06 16:35:31 GMT 2026

Last night before leaving I ran updates on the computers as there was a prompt symbol indicating that it needed to be done. When I came in this morning the Wahoo 2 computer display setting are off and need to be re-set.

____end____

GENERAL COMMENT BY mcotter: Tue Oct 06 16:49:24 GMT 2026

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Tue Oct 06 16:49:30 GMT 2026

Dome open

____end____

** UCOMP PM mcotter ** : Tue Oct 06 16:49:35 GMT 2026

Blew off UCoMP 01

____end____

** KCOR PM mcotter ** : Tue Oct 06 16:49:42 GMT 2026

Blew off Kcor 01

____end____

Tue Oct 06 17:18:07 GMT 2026 Kcor Focus/alignment program exited

KCOR COMMENT BY : Tue Oct 06 17:20:41 GMT 2026

Kcor:

Kcor instrument now observing. Focus auto set to 136.1.

Synoptic images look good.

____end____

Weather COMMENT BY : Tue Oct 06 17:50:16 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-10-06 17:44:00

Skies are clear but aerosols are high and are readily observed in the NRGF and Level 0 images.

____end____

Tue Oct 06 18:58:12 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

KCOR COMMENT BY : Tue Oct 06 19:01:06 GMT 2026

Kcor:

Due to NOAA construction that will be taking place shortly I am running the calibration procedure now. Skies remain very clear, though aerosols are on the high side.

____end____

Tue Oct 06 19:13:27 GMT 2026 KCOR End Calibration Script

GENERAL COMMENT BY : Tue Oct 06 20:02:53 GMT 2026

Due to NOAA construction taking place observations have been paused and the dome and dome area window have been closed.

____end____

Weather COMMENT BY : Tue Oct 06 21:34:55 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-06 21:29:00

Temperature : 55.45 deg F

Dew Point : 35.65 deg F

Pressure : 678.9 mbar
Wind Speed : 10.51 mph
Wind Direction : 319.4 deg

Skies: skies remain clear, but Orographic clouds are starting to come up over the southern and western slopes of Maunaloa.

____end____

Weather COMMENT BY : Tue Oct 06 22:13:40 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-06 22:08:00

Temperature : 55.56 deg F

Dew Point : 39.8 deg F

Pressure : 678.52 mbar

Wind Speed : 11.41 mph

Wind Direction : 299.7 deg

Skies: Orographic clouds are now approaching the area of the observatory from all directions.

____end____

Weather COMMENT BY : Tue Oct 06 22:38:31 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-06 22:35:00

Temperature : 55.08 deg F

Dew Point : 39.87 deg F

Pressure : 678.3 mbar

Wind Speed : 11.41 mph

Wind Direction : 288.2 deg

Skies: Orographic clouds have moved into the area of the observatory.

____end____

BY : Tue Oct 06 22:40:09 GMT 2026

End Of Day:

Good morning of observations, though aerosols were very high. Observations ended early due to NOAA constructions taking place in the area.

____end____

Logger COMMENT BY : Tue Oct 06 22:40:19 GMT 2026

Log closed

ONSITE STAFF:

____end____