
Mauna Loa Solar Observatory Observer's Log

Fri Jun 26 16:58:37 GMT 2026

Year:26 Doy:177

Observer: mcotter

Weather COMMENT BY mcotter: Fri Jun 26 17:01:11 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 16:56:00

Temperature : 49.8 deg F

Dew Point : 0.84 deg F

Pressure : 681.12 mbar

Wind Speed : 4.03 mph

Wind Direction : 177.2 deg

Skies: There is a thin layer Cirrostratus clouds scattered across the sky. Little to no w wind with the inversion layer visible just above Hualalai.

____end____

GENERAL COMMENT BY mcotter: Fri Jun 26 17:01:18 GMT 2026

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Fri Jun 26 17:01:23 GMT 2026

Dome open

____end____

** KCOR PM mcotter ** : Fri Jun 26 17:01:30 GMT 2026

Blew off Kcor 01

____end____

Fri Jun 26 17:08:55 GMT 2026 Kcor Focus/alignment program exited

KCOR BY mcotter: Fri Jun 26 17:18:17 GMT 2026

Kcor:

I started Kcor but the sky is much too bright to observe at this time. I will try again in a little while, as perhaps the Sun may burn off enough of the clouds to perform observations.

____end____

Weather COMMENT BY mcotter: Fri Jun 26 17:43:18 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 17:38:00

Temperature : 55.56 deg F

Dew Point : -4.11 deg F

Pressure : 681.27 mbar

Wind Speed : 4.47 mph

Wind Direction : 326.3 deg

Skies: The sky remains quite bright and the Cirrostratus clouds continue to cover most of the sky.

____end____

KCOR BY mcotter: Fri Jun 26 17:44:47 GMT 2026

Kcor:

No observations are possible at this time due to poor sky conditions.

____end____

Weather COMMENT BY mcotter: Fri Jun 26 18:27:05 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 18:23:00

Temperature : 55.74 deg F

Dew Point : -2.27 deg F

Pressure : 681.67 mbar

Wind Speed : 4.7 mph

Wind Direction : 11.2 deg

Skies: Cirrostratus clouds continue to persist making the sky very bright, but there may be some relief as the Sun continues to rise and burn off this high level thin cloud coverage.

____end____

Weather COMMENT BY mcotter: Fri Jun 26 19:01:00 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 18:53:00
Temperature : 56.61 deg F
Dew Point : 0.09 deg F
Pressure : 681.74 mbar
Wind Speed : 7.16 mph
Wind Direction : 5.2 deg

Skies: The Cirrostratus clouds are primarily coming from the south-southwest and the bands of it stretches far to the east. Unfortunately the bands of clouds are just enough to the north to block the Sun and our area to observe.

____end____

Weather COMMENT BY mcotter: Fri Jun 26 19:52:05 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 19:47:00
Temperature : 57.36 deg F
Dew Point : 1.72 deg F
Pressure : 681.96 mbar
Wind Speed : 12.53 mph
Wind Direction : 12.2 deg

Skies: The Cirrostratus clouds finally burned off enough and moved a bit south to start observing.

____end____

KCOR BY mcotter: Fri Jun 26 20:09:51 GMT 2026

Kcor:

I tried to start observing, and though the conditions have improved, the sky remains much too bright to begin observing.

____end____

KCOR BY mcotter: Fri Jun 26 20:11:05 GMT 2026

Kcor:

The sky has finally cleared up enough to begin observations.

The kcor instrument is now observing.

____end____

Weather COMMENT BY mcotter: Fri Jun 26 20:21:13 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 20:17:00
Temperature : 57.65 deg F
Dew Point : 4.75 deg F
Pressure : 682.02 mbar
Wind Speed : 9.17 mph
Wind Direction : 12.4 deg

Skies: The Cirrostratus clouds are back in the viewing area.

____end____

KCOR BY mcotter: Fri Jun 26 20:21:46 GMT 2026

Kcor:

Kcor observing has been stopped.

____end____

Weather COMMENT BY mcotter: Fri Jun 26 21:43:24 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-06-26 21:38:00
Temperature : 61.23 deg F
Dew Point : 8.64 deg F
Pressure : 681.8 mbar
Wind Speed : 12.97 mph
Wind Direction : 340.8 deg

Skies: The sky is now completely overcast with Cirrostratus clouds with a large translucent ring around the Sun.

____end____

GENERAL COMMENT BY mcotter: Fri Jun 26 21:45:34 GMT 2026

Due to poor sky conditions and the unlikeliness that it will improve during the next several hours I am closing the dome and shutting down the Kcor and SGS computers.

____end____

GENERAL COMMENT BY mcotter: Fri Jun 26 21:56:16 GMT 2026

Dome closed.

Dome windows closed.

____end____

BY mcotter: Fri Jun 26 23:15:01 GMT 2026

End Of Day:

Poor sky condition all day.

No data taken today.

____end____

Logger COMMENT BY mcotter: Fri Jun 26 23:15:08 GMT 2026

Log closed

ONSITE STAFF: mcotter

____end____