
Mauna Loa Solar Observatory Observer's Log

Sat Jul 11 16:45:13 GMT 2026

Year:26 Doy:192

Observer: mcotter

Weather COMMENT BY mcotter: Sat Jul 11 17:01:32 GMT 2026

MLsO Current Weather

Timestamp (UTC): 2026-07-11 16:56:00

Temperature : 46.58 deg F

Dew Point : 29.05 deg F

Pressure : 682.01 mbar

Wind Speed : 4.92 mph

Wind Direction : 117.3 deg

Skies: The sky is very bright with bands of Cirrostratus clouds scattered across the horizon in all directions. Heavy fog in the Saddle Valley up to approximately 8,500' elevation. The inversion layer is visible on the horizon just below Hualalai. Little to no wind.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 11 17:01:41 GMT 2026

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Sat Jul 11 17:01:48 GMT 2026

Dome open

____end____

** KCOR PM mcotter ** : Sat Jul 11 17:01:56 GMT 2026

Blew off Kcor O1

____end____

KCOR COMMENT BY mcotter: Sat Jul 11 17:06:36 GMT 2026

Kcor:

I started the Kcor instrument and began the Focus routine, but the sky is much too bright at this time to run a focus or observe.

There appears to be more clouds located lower on the eastern horizon than slightly higher in the sky. I will try running the focus after the Sun has risen a bit.

____end____

Sat Jul 11 17:26:48 GMT 2026 Kcor Focus/alignment program exited

Weather BY mcotter: Sat Jul 11 17:37:20 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-07-11 17:32:00

Temperature : 48.31 deg F

Dew Point : 41.57 deg F

Pressure : 682.23 mbar

Wind Speed : 6.71 mph

Wind Direction : 67.6 deg

Skies: There is a thin, translucent layer of Cirrostratus clouds covering the sky, making the sky too bright to observe at this time.

____end____

BY mcotter: Sat Jul 11 18:00:50 GMT 2026

Weather:

Bright skies continue.

____end____

Weather COMMENT BY mcotter: Sat Jul 11 18:28:51 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-07-11 18:23:00

Temperature : 50.97 deg F

Dew Point : 37.41 deg F

Pressure : 682.58 mbar

Wind Speed : 5.82 mph

Wind Direction : 47.6 deg

Skies: The sky is completely overcast with Cirrostratus clouds and there is a large tra

nslucent ring around the Sun.

No observing possible at this time due to poor sky conditions.

____end____

Weather COMMENT BY mcotter: Sat Jul 11 21:26:02 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-07-11 21:17:00

Temperature : 56.25 deg F

Dew Point : 19.92 deg F

Pressure : 682.76 mbar

Wind Speed : 4.47 mph

Wind Direction : 29.0 deg

Skies: The sky conditions have gotten worse and the cloud coverage has increased so that now the entire sky is completely overcast with a heavy layer of Cirrostratus clouds. Additionally, Orographic clouds have formed and are now making their way over the southern and western slope of Maunaloa.

____end____

KCOR COMMENT BY mcotter: Sat Jul 11 21:29:01 GMT 2026 entry was edited

Kcor:

Due to poor sky conditions I am going to turn off the Kcor computer and close the dome in order to preserve power in the event that sky conditions improve enough for observing.

____end____

GENERAL COMMENT BY mcotter: Sat Jul 11 22:12:51 GMT 2026

The dome has been closed.

The dome windows have been closed.

The SGS and Kcor computers have been turned off.

I have left the ILX on in the event the sky clears enough to observe.

____end____

Logger COMMENT BY mcotter: Sun Jul 12 02:16:48 GMT 2026

Log closed

ONSITE STAFF: mcotter

____end____

Logger COMMENT BY mcotter: Sun Jul 12 16:02:50 GMT 2026

Log closed

ONSITE STAFF: mcotter

____end____