
Mauna Loa Solar Observatory Observer's Log

Sat Oct 10 16:30:56 GMT 2026

Year:26 Doy:283

Observer: mcotter

Weather COMMENT BY mcotter: Sat Oct 10 16:34:40 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-10 16:29:00

Temperature : 40.85 deg F

Dew Point : 25.13 deg F

Pressure : 680.87 mbar

Wind Speed : 5.59 mph

Wind Direction : 211.9 deg

Skies: The sky is hazy and completely overcast with Cirrus and Cirrostratus clouds in all directions. Clouds are present at lower elevations all around the island and in the Saddle Valley. Light wind from the southeast.

____end____

BY mcotter: Sat Oct 10 16:35:57 GMT 2026

Due to very poor sky conditions the dome will remain closed and the instruments will remain idle until if and when conditions improve enough to perform observations.

____end____

Weather COMMENT BY mcotter: Sat Oct 10 19:02:45 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-10 18:56:00

Temperature : 52.81 deg F

Dew Point : 29.6 deg F

Pressure : 681.85 mbar

Wind Speed : 7.16 mph

Wind Direction : 276.3 deg

Skies: The sky remains heavily overcast with Cirrus and Cirrostratus clouds. The wind has increased and is now blowing steadily from the east-northeast.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 10 19:04:22 GMT 2026

The dome remains closed and the instruments idle due to poor sky conditions preventing observations at this time.

____end____

Weather COMMENT BY mcotter: Sat Oct 10 21:03:08 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-10 20:53:00

Temperature : 55.45 deg F

Dew Point : 30.45 deg F

Pressure : 682.02 mbar

Wind Speed : 6.71 mph

Wind Direction : 326.3 deg

Skies: Sky conditions continue to be very poor with long wisps of Cirrus clouds spread out across the sky in all directions. Additionally, there is a heavy overcast layer of translucent Cirrostratus clouds spread across the entire sky making for very poor observing conditions.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 10 21:03:55 GMT 2026

No observations at this time due to poor sky conditions.

____end____

Weather COMMENT BY mcotter: Sat Oct 10 22:42:25 GMT 2026

MLSO Current Weather

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

Temperature : 56.26 deg F

Dew Point : 34.52 deg F

Pressure : 681.23 mbar

Wind Speed : 7.38 mph

Wind Direction : 299.6 deg

Skies: The sky continues to be heavily overcast with Cirrus and Cirrostratus clouds, additionally Orographic clouds are approaching the area of the observatory from the east,

north and west.

____end____

GENERAL COMMENT BY mcotter: Sat Oct 10 22:43:11 GMT 2026

No observations at this time due to poor sky conditions.

____end____

Weather COMMENT BY mcotter: Sun Oct 11 00:13:11 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-11 00:08:00

Temperature : 55.67 deg F

Dew Point : 37.89 deg F

Pressure : 680.57 mbar

Wind Speed : 10.29 mph

Wind Direction : 339.6 deg

Skies: The sky continues to be overcast with Cirrus and Cirrostratus clouds and the Orographic clouds have now moved in over the observatory area.

____end____

BY mcotter: Sun Oct 11 00:14:03 GMT 2026

End Of Day:

Unfortunately, poor sky conditions prevented any observations for the day.

____end____

Logger COMMENT BY mcotter: Sun Oct 11 00:14:07 GMT 2026

Log closed

ONSITE STAFF: mcotter

____end____