
Mauna Loa Solar Observatory Observer's Log

Sun Aug 09 16:51:33 GMT 2026

Year:26 Doy:221

Observer: mcotter

Weather COMMENT BY mcotter: Sun Aug 09 16:54:32 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-08-09 16:47:00

Temperature : 50.13 deg F

Dew Point : 21.82 deg F

Pressure : 681.52 mbar

Wind Speed : 17.45 mph

Wind Direction : 161.7 deg

Skies: Very heavy rain and localized flooding on the Saddle Road with clouds in the Saddle Valley over 12,000' elevation. The inversion layer is visible on the horizon at just above Hualalai. Gusty winds blowing from the southeast. Clouds on the horizon at various levels in all directions.

____end____

GENERAL COMMENT BY mcotter: Sun Aug 09 16:55:09 GMT 2026

Dome open.

Due to the gusty wind conditions I have left the dome windows closed at this time.

____end____

** KCOR PM mcotter ** : Sun Aug 09 16:55:15 GMT 2026

Blew off Kcor 01

____end____

Sun Aug 09 17:03:12 GMT 2026 Kcor Focus/alignment program exited

KCOR BY mcotter: Sun Aug 09 17:11:30 GMT 2026

Kcor:

I started the Kcor focus routine and manually set the focus at 134.5.

The sky appears very bright at this time, too bright to observe. Though there are no clouds directly in the viewing area there are clouds present just below the Sun on the horizon. I will try running the Kcor observing code again in a little while as the Sun continues to get to a higher level on the horizon.

____end____

Sun Aug 09 17:19:36 GMT 2026 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Sun Aug 09 17:25:34 GMT 2026

Kcor:

The sky continues to be too bright to observe at this time.

____end____

KCOR BY mcotter: Sun Aug 09 17:54:15 GMT 2026

Kcor:

I tried the observing code again, but unfortunately the sky continues to be too bright to observe at this time.

____end____

KCOR COMMENT BY mcotter: Sun Aug 09 18:22:03 GMT 2026

Kcor:

The sky is still too bright to observe at this time.

____end____

KCOR COMMENT BY mcotter: Sun Aug 09 20:32:22 GMT 2026

Kcor:

The sky continues to be too bright to do observations.

____end____

Weather COMMENT BY mcotter: Sun Aug 09 20:42:06 GMT 2026 entry was edited

MLSO Current Weather

Timestamp (UTC): 2026-08-09 20:38:00

Temperature : 57.18 deg F

Dew Point : 44.2 deg F

Pressure : 682.85 mbar

Wind Speed : 9.4 mph
Wind Direction : 317.1 deg

Skies: Orographic clouds have come in from the west and south and are now in the viewing area.

____end____

GENERAL COMMENT BY mcotter: Sun Aug 09 20:49:41 GMT 2026

Due to deteriorating sky conditions and Orographic clouds being present over the observatory the dome has been closed at this time.

____end____

KCOR COMMENT BY KCOR: Sun Aug 09 22:05:54 GMT 2026

KCOR file transfer report

KCor created 103 .bin files

91 .fts files

NOTICE ? 12 .bin file(s) with no matching .fts:

20260809_170442_kcor.bin
20260809_172158_kcor.bin
20260809_175227_kcor.bin
20260809_182032_kcor.bin
20260809_183559_kcor.bin
20260809_184649_kcor.bin
20260809_185539_kcor.bin
20260809_190911_kcor.bin
20260809_192326_kcor.bin
20260809_194417_kcor.bin
20260809_200908_kcor.bin
20260809_202819_kcor.bin

Remote site is complete ? no rsync required.

____end____

Weather COMMENT BY mcotter: Sun Aug 09 22:08:44 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-09 22:05:00

Temperature : 55.17 deg F

Dew Point : 47.12 deg F

Pressure : 682.71 mbar

Wind Speed : 10.74 mph

Wind Direction : 350.9 deg

Skies: The sky is now completely overcast.

____end____

Source Log Type BY mcotter: Sun Aug 09 22:12:47 GMT 2026 entry was edited

Due to poor sky conditions the dome has been closed. The Kcor and SGS instruments and computers have been powered down in order to reserve battery power. I have left the ILX energized in the event that sky conditions improve for observations.

____end____

Weather COMMENT BY mcotter: Sun Aug 09 22:46:52 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-09 22:38:00

Temperature : 56.5 deg F

Dew Point : 45.66 deg F

Pressure : 682.5 mbar

Wind Speed : 10.96 mph

Wind Direction : 339.6 deg

Skies: The sky remains mostly overcast with intermittent wisps of fog blowing through the observatory area. The wind is increasing, getting gusty and can be periodically heard howling outside.

____end____

BY mcotter: Mon Aug 10 02:12:20 GMT 2026

End Of Day:

No observations today due to poor sky conditions.

____end____

Logger COMMENT BY mcotter: Mon Aug 10 02:12:28 GMT 2026

Log closed

ONSITE STAFF: mcotter

__end__