
Mauna Loa Solar Observatory Observer's Log

Tue Sep 29 16:23:26 GMT 2026

Year:26 Doy:272

Observer: mcotter

Weather COMMENT BY mcotter: Tue Sep 29 16:28:39 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-09-29 16:20:00

Temperature : 39.72 deg F

Dew Point : 24.95 deg F

Pressure : 679.56 mbar

Wind Speed : 8.5 mph

Wind Direction : 210.6 deg

Skies: Clear but very hazy skies with patches of Cirrus clouds visible on the far east and west horizons.

The inversion layer is visible on the horizon well above Haleakala.

Cold this morning with spots of frost visible on surfaces.

____end____

GENERAL COMMENT BY mcotter: Tue Sep 29 16:39:28 GMT 2026

Dome open.

The dome area windows remain closed at this time due to moderate winds from the south.

____end____

** KCOR PM mcotter ** : Tue Sep 29 16:39:41 GMT 2026

Blew off Kcor 01

____end____

** UCOMP PM mcotter ** : Tue Sep 29 16:39:49 GMT 2026

Blew off UCoMP 01

____end____

Tue Sep 29 17:13:14 GMT 2026 Kcor Focus/alignment program exited

KCOR BY mcotter: Tue Sep 29 17:18:22 GMT 2026

Kcor:

The Sun arrives over the dome sill for the Kcor instrument to observe at approximately 0714 HST.

An attempt was made to put Kcor on sky to observe but the sky is much too bright to observe at this time.

____end____

Tue Sep 29 18:20:29 GMT 2026 Kcor Focus/alignment program exited

Tue Sep 29 18:56:04 GMT 2026 Report Time: 18:55:44 UTC

Image: 20260929_184805_kcor_l2_nrgf.gif

Obs time: 18:48:05

First Seen: 18:34:11 UT

CME Front Height: 1.69 Rs (front)

CME Front Angle: 268.4

East Edge Angle: 267.0

West Edge Angle: 276.9

Angular Width: 10.0

CME Speed: moderate

CME Brightness: moderate

Confidence: high

Observer Comment: Long thin CME observed launching from western hemisphere.

GENERAL COMMENT BY mcotter: Tue Sep 29 19:25:19 GMT 2026

noaa construction:

Site construction has started on the site for the day and unfortunately there are signs of dust in the spar web cam image.

____end____

KCOR COMMENT BY mcotter: Tue Sep 29 19:26:48 GMT 2026

Kcor:

Due to NOAA onsite construction taking place observations have been paused due to dust

being generated by heavy equipment.

____end____

KCOR COMMENT BY mcotter: Tue Sep 29 20:39:50 GMT 2026

Kcor:

Onsite construction has ended for today and Kcor is back on sky and observing.

____end____

** KCOR PM mcotter ** : Tue Sep 29 20:40:13 GMT 2026

Blew off Kcor Field Lens

____end____

Tue Sep 29 20:59:55 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Sep 29 21:15:09 GMT 2026 KCOR End Calibration Script

** KCOR PM mcotter ** : Tue Sep 29 22:26:36 GMT 2026

Washed Kcor O1. O1# SN3 was washed with soap and water. Lens was mostly clean but there was some dust and residue on both surfaces. SN3 will remain in the flow bench until we are ready to go on sky.

____end____

BY mcotter: Wed Sep 30 00:51:58 GMT 2026

Orographic clouds came into the observatory area from the south and west and completely obscured the Sun.

The dome was closed and the instrument and spar were stopped.

____end____

Wed Sep 30 00:53:39 GMT 2026 Kcor Focus/alignment program exited

KCOR COMMENT BY KCOR: Wed Sep 30 00:54:23 GMT 2026

KCOR file transfer report

KCor created 868 .bin files

868 .fts files

Remote site is complete ? no rsync required.

____end____

BY mcotter: Wed Sep 30 02:26:09 GMT 2026

End Of Day:

Good observing in the morning until clouds came up in the early afternoon.

____end____

Logger COMMENT BY mcotter: Wed Sep 30 02:26:14 GMT 2026

Log closed

ONSITE STAFF: mcotter

____end____