
Mauna Loa Solar Observatory Observer's Log

Mon Oct 05 16:50:23 GMT 2026

Year:26 Doy:278

Observer: mcotter

Weather COMMENT BY mcotter: Mon Oct 05 16:51:52 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-05 16:47:00

Temperature : 38.17 deg F

Dew Point : 14.58 deg F

Pressure : 680.68 mbar

Wind Speed : 4.47 mph

Wind Direction : 164.2 deg

Skies: Clear skies in all directions with little to no wind. The inversion layer is visible on the horizon just at the peak of Haleakala.

____end____

GENERAL COMMENT BY mcotter: Mon Oct 05 17:04:47 GMT 2026

Opened windows upstairs

____end____

GENERAL COMMENT BY mcotter: Mon Oct 05 17:04:53 GMT 2026

Dome open

____end____

** UCOMP PM mcotter ** : Mon Oct 05 17:05:01 GMT 2026

Blew off UCoMP 01

____end____

** KCOR PM mcotter ** : Mon Oct 05 17:05:06 GMT 2026

Blew off Kcor 01

____end____

Mon Oct 05 17:15:13 GMT 2026 Kcor Focus/alignment program exited. Auto focus ran and the focus is set at 136.5.

KCOR BY mcotter: Mon Oct 05 17:17:59 GMT 2026

Kcor:

The Kcor instrument is on sky and observing. Sky conditions are nice and clear. Synoptic images look very good.

____end____

KCOR COMMENT BY KCOR: Mon Oct 05 18:00:49 GMT 2026

KCOR file transfer report

KCor created 119 .bin files

119 .fts files

WARNING 119 fts file(s) found locally that was not transfered dawn

ACTION must be taken to copy:

20261005_171546_kcor.fts

20261005_171601_kcor.fts

20261005_171616_kcor.fts

20261005_171632_kcor.fts

20261005_171647_kcor.fts

20261005_171702_kcor.fts

20261005_171717_kcor.fts

20261005_171732_kcor.fts

20261005_171747_kcor.fts

20261005_171803_kcor.fts

20261005_171818_kcor.fts

20261005_171833_kcor.fts

20261005_171848_kcor.fts

20261005_171903_kcor.fts

20261005_171918_kcor.fts

20261005_171934_kcor.fts

20261005_171949_kcor.fts

20261005_172004_kcor.fts

20261005_172019_kcor.fts

20261005_172034_kcor.fts

20261005_172049_kcor.fts

20261005_172105_kcor.fts

20261005_172120_kcor.fts

20261005_172135_kcor.fts
20261005_172150_kcor.fts
20261005_172205_kcor.fts
20261005_172220_kcor.fts
20261005_172236_kcor.fts
20261005_172251_kcor.fts
20261005_172306_kcor.fts
20261005_172321_kcor.fts
20261005_172336_kcor.fts
20261005_172351_kcor.fts
20261005_172407_kcor.fts
20261005_172422_kcor.fts
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20261005_174536_kcor.fts

____end____

** KCOR PROBLEM REPORTED BY mcotter ** : Mon Oct 05 18:04:08 GMT 2026

Kcor circular acquisition error.

____end____

Weather COMMENT BY mcotter: Mon Oct 05 19:40:12 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-05 19:35:00

Temperature : 54.39 deg F

Dew Point : 32.56 deg F

Pressure : 681.43 mbar

Wind Speed : 8.28 mph

Wind Direction : 298.3 deg

Skies: Skies remain clear but aerosols are becoming prevalent. Additionally, Orographic clouds are visible on the western slope of Maunaloa, but not in the immediate area.

____end____

Mon Oct 05 19:40:20 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Oct 05 19:55:35 GMT 2026 KCOR End Calibration Script

Weather COMMENT BY mcotter: Mon Oct 05 20:18:28 GMT 2026

MLSO Current Weather

Timestamp (UTC): 2026-10-05 20:11:00

Temperature : 53.73 deg F

Dew Point : 41.09 deg F

Pressure : 681.48 mbar

Wind Speed : 8.05 mph

Wind Direction : 326.6 deg

Skies: The sky remains clear but aerosols are continuing to increase and are prevalent in the various images. Orographic clouds continue to increase on the western horizon, but so far not infringing into the observing area.

____end____

Mon Oct 05 20:53:56 GMT 2026 Report Time: 20:53:30 UTC

Image: 20261005_204201_kcor_l2_nrgf.gif

Obs time: 20:42:01

First Seen: 19:34:00 UT

CME Front Height: 1.42 Rs (front)

CME Front Angle: 327.9
East Edge Angle: 326.0
West Edge Angle: 331.8
Angular Width: 5.8
CME Speed: slow
CME Brightness: moderate
Confidence: medium
Seen in: nrgf
Observer Comment: A slow moving CME appears to be launching in the northwest quadrant.

Weather COMMENT BY mcotter: Mon Oct 05 21:01:15 GMT 2026
MLSO Current Weather
Timestamp (UTC): 2026-10-05 20:56:00
Temperature : 54.45 deg F
Dew Point : 40.85 deg F
Pressure : 681.32 mbar
Wind Speed : 6.71 mph
Wind Direction : 297.2 deg

Skies: The sky remains clear but aerosols are heavy. Additionally, Orographic clouds are approaching from all directions.
____end____

KCOR COMMENT BY mcotter: Mon Oct 05 21:17:21 GMT 2026
Kcor:

Kcor observations have been paused due to Orographic clouds moving into the observing area.
____end____

Weather COMMENT BY mcotter: Tue Oct 06 00:54:41 GMT 2026
MLSO Current Weather
Timestamp (UTC): 2026-10-06 00:50:00
Temperature : 53.22 deg F
Dew Point : 45.1 deg F
Pressure : 679.41 mbar
Wind Speed : 10.96 mph
Wind Direction : 324.8 deg

Skies: The sky remains heavily overcast with wisps of fog blowing through the observatory area.
____end____

KCOR COMMENT BY KCOR: Tue Oct 06 00:56:02 GMT 2026
KCOR file transfer report
KCor created 867 .bin files
867 .fts files
Remote site is complete ? no rsync required.

____end____
BY mcotter: Tue Oct 06 02:45:51 GMT 2026
End Of Day:

Good observations in the morning, though aerosols became heavy then clouds came in in the late morning.
____end____

Logger COMMENT BY mcotter: Tue Oct 06 02:45:56 GMT 2026
Log closed
ONSITE STAFF: mcotter
____end____