
Mauna Loa Solar Observatory Observer's Log

Fri Sep 04 16:24:32 GMT 2026

Year:26 Doy:247

Observer: lisapg

Weather COMMENT BY lisapg: Fri Sep 04 16:40:44 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-09-04 16:35:00

Temperature : 47.5 deg F

Dew Point : 24.73 deg F

Pressure : 678.97 mbar

Wind Speed : 5.14 mph

Wind Direction : 147.2 deg

Skies: Sky looks clear, if a little bright.

____end____

GENERAL COMMENT BY lisapg: Fri Sep 04 17:00:30 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Fri Sep 04 17:00:33 GMT 2026

Blew off Kcor 01

____end____

** Guider/spar PROBLEM REPORTED BY lisapg ** : Fri Sep 04 17:02:22 GMT 2026 entry was edited

SGS gave me two errors this morning and would not start. It seemed to crash on start up . The errors were

Error -229771 occurred at DAQmx Creat Channel (AO-voltage-Basic).ci:1870001

Possible Reasons: Internal Software error occurred in MIG software. Please contact National Instrument Support. Task Name:_unnamedTask<0>

Error 1097 occurred at Call Library Function Node in DAQmx Create Channel (AO-Voltage-Basic).vi:1870001-.SGS.vi

Possible reason: Labview:(hex0x449) An exception occurred within the external code called by a library function node. The exception might have corrupted the Labview memory. Save any work to a new location and restart Labview.

After following prompts, some trial, error and restarts, I was able to get SGS working properly.

____end____

KCOR COMMENT BY lisapg: Fri Sep 04 17:08:15 GMT 2026

KCor above dome

____end____

Fri Sep 04 17:11:24 GMT 2026 Kcor Focus/alignment program exited

Fri Sep 04 17:14:06 GMT 2026 KCOR Start Synoptic Patrol

Fri Sep 04 17:17:22 GMT 2026 KCOR Start Synoptic Patrol

Fri Sep 04 19:31:19 GMT 2026 Report Time: 19:31:02 UTC

Image: 20260904_192013_kcor_l2_nrgf.gif

Obs time: 19:20:13

First Seen: 19:10:06

CME Front Height: 1.55 Rs (front)

CME Front Angle: 100.3

East Edge Angle: 86.5

West Edge Angle: 117.5

Angular Width: 31.0

CME Speed: moderate

CME Brightness: faint

Confidence: medium

Seen in: nrgf

Observer Comment: A very faint cme in the East

GENERAL COMMENT BY lisapg: Fri Sep 04 20:44:30 GMT 2026

Tractor on site for NOAA

____end____

Fri Sep 04 21:47:27 GMT 2026 Report Time: 21:46:41 UTC
Image: 20260904_213011_kcor_l2_nrgf.gif
Obs time: 21:30:11
First Seen: 20:02:07
CME Front Height: 2.17 Rs (front)
CME Front Angle: 86.1
East Edge Angle: 80.6
West Edge Angle: 96.0
Angular Width: 15.4
CME Speed: moderate
CME Brightness: faint
Confidence: medium
Seen in: nrgf
Observer Comment: Very faint possible cme in the East

KCOR COMMENT BY KCOR: Fri Sep 04 22:07:40 GMT 2026
KCOR file transfer report
KCor created 1153 .bin files
1153 .fts files
Remote site is complete ? no rsync required.

____end____
Weather COMMENT BY lisapg: Fri Sep 04 22:10:11 GMT 2026
MLO Current Weather
Timestamp (UTC): 2026-09-04 22:05:00
Temperature : 58.75 deg F
Dew Point : 43.35 deg F
Pressure : 679.78 mbar
Wind Speed : 6.93 mph
Wind Direction : 12.7 deg
Skies: Clouds coming in from the East-Southeast, Kcor stopped.

____end____
Logger COMMENT BY lisapg: Fri Sep 04 23:40:35 GMT 2026
Log closed
ONSITE STAFF: berkey, lisapg
____end____