
Mauna Loa Solar Observatory Observer's Log

Thu Sep 03 16:27:04 GMT 2026

Year:26 Doy:246

Observer: lisapg

Weather COMMENT BY lisapg: Thu Sep 03 16:34:45 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-09-03 16:29:00

Temperature : 47.61 deg F

Dew Point : 25.75 deg F

Pressure : 680.01 mbar

Wind Speed : 15.43 mph

Wind Direction : 171.1 deg

Skies: Bands of cirrus cover a fair amount of the sky at present, with some blue sky over head.

____end____

GENERAL COMMENT BY lisapg: Thu Sep 03 16:55:42 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Thu Sep 03 16:55:46 GMT 2026

Blew off Kcor 01

____end____

KCOR COMMENT BY lisapg: Thu Sep 03 17:08:06 GMT 2026

Kcor above the dome

____end____

Thu Sep 03 17:10:54 GMT 2026 Kcor Focus/alignment program exited

Thu Sep 03 17:11:48 GMT 2026 KCOR Start Synoptic Patrol

Thu Sep 03 17:23:22 GMT 2026 KCOR End Patrol

Thu Sep 03 17:23:26 GMT 2026 KCOR End Patrol

Thu Sep 03 17:30:33 GMT 2026 KCOR Start Synoptic Patrol

Thu Sep 03 17:37:21 GMT 2026 Report Time: 17:37:08 UTC

Image: 20260903_172007_kcor_l2_nrgf.gif

Obs time: 17:20:07

Launch Time: 17:12:02

CME Front Height: 1.51 Rs (front)

CME Front Angle: 63.3

East Edge Angle: 52.5

West Edge Angle: 80.0

Angular Width: 27.5

CME Speed: moderate

CME Brightness: moderate

Confidence: medium

Seen in: nrgf

Observer Comment: A possible, faint cme in the NE

Thu Sep 03 19:21:31 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Thu Sep 03 19:22:47 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-09-03 19:20:00

Temperature : 57.36 deg F

Dew Point : 11.82 deg F

Pressure : 681.11 mbar

Wind Speed : 4.25 mph

Wind Direction : 30.4 deg

Skies: A band of cirrus coming in, slowly crossing the Sun. Kcor stopped for now

____end____

Thu Sep 03 19:43:28 GMT 2026 Kcor Focus/alignment program exited

Thu Sep 03 19:44:19 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Thu Sep 03 21:30:15 GMT 2026

Did some general changes to the observer cme report code. Changed Launch time to First Seen, added an In Progress check box that is to be used when the cme started before data collection and changed Wing from East/West wing angle to Edge to better clarification. This should be reflected in future cme alerts sent out after today.

____end____

Thu Sep 03 22:27:43 GMT 2026 Report Time: 22:27:15 UTC
Image: 20260903_221212_kcor_l2_nrgf.gif
Obs time: 22:12:12
First Seen: 21:52:14
CME Front Height: 1.58 Rs (front)
CME Front Angle: 87.6
East Edge Angle: 77.5
West Edge Angle: 100.9
Angular Width: 23.4
CME Speed: fast
CME Brightness: faint
Confidence: medium
Seen in: nrgf
Observer Comment: Faint, fast cme in the area where the cme from earlier today launched
in the E

Thu Sep 03 22:43:43 GMT 2026 KCOR End Patrol
Thu Sep 03 22:43:50 GMT 2026 KCOR End Patrol
Thu Sep 03 22:44:03 GMT 2026 KCOR Start Synoptic Patrol
Thu Sep 03 22:52:39 GMT 2026 KCOR End Patrol
Thu Sep 03 22:52:41 GMT 2026 KCOR End Patrol
Thu Sep 03 22:53:18 GMT 2026 KCOR Start Synoptic Patrol
Thu Sep 03 23:09:17 GMT 2026 KCOR End Patrol
Thu Sep 03 23:09:23 GMT 2026 KCOR End Patrol
Thu Sep 03 23:13:27 GMT 2026 KCOR Start Synoptic Patrol
Thu Sep 03 23:15:40 GMT 2026 KCOR End Patrol
Thu Sep 03 23:15:42 GMT 2026 KCOR End Patrol
Thu Sep 03 23:16:45 GMT 2026 KCOR Start Synoptic Patrol
Thu Sep 03 23:40:53 GMT 2026 KCOR End Patrol
Thu Sep 03 23:40:59 GMT 2026 KCOR End Patrol
Thu Sep 03 23:41:34 GMT 2026 KCOR Start Synoptic Patrol
Thu Sep 03 23:44:34 GMT 2026 KCOR End Patrol
Thu Sep 03 23:44:46 GMT 2026 KCOR End Patrol
Thu Sep 03 23:44:56 GMT 2026 KCOR Start Synoptic Patrol
Thu Sep 03 23:45:54 GMT 2026 KCOR End Patrol
Thu Sep 03 23:46:02 GMT 2026 KCOR End Patrol
KCOR COMMENT BY berkey: Fri Sep 04 00:06:48 GMT 2026
Testing a new version of Socketcam. All data is closed dome testing.
____end____
KCOR COMMENT BY KCOR: Fri Sep 04 01:35:18 GMT 2026
KCOR file transfer report
KCor created 1504 .bin files
1504 .fts files
Remote site is complete ? no rsync required.

____end____
KCOR COMMENT BY berkey: Fri Sep 04 01:36:38 GMT 2026
Socketcam testing seemed to go ok. I collected some dome closed darks in with both soc
ketcam versions. The data sets look similar in the realtime quicklook but I need to lo
ok deeper later.

The labview defaults should automatically run our normal version of socketcam tomorrow.
____end____
Logger COMMENT BY berkey: Fri Sep 04 01:36:50 GMT 2026
Log closed
ONSITE STAFF: berkey, lisapg
____end____