
Mauna Loa Solar Observatory Observer's Log

Mon May 25 16:17:40 GMT 2026

Year:26 Doy:145

Observer: lisapg

Weather COMMENT BY lisapg: Mon May 25 16:34:56 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-25 16:29:00

Temperature : 43.12 deg F

Dew Point : -2.31 deg F

Pressure : 679.62 mbar

Wind Speed : 10.51 mph

Wind Direction : 161.7 deg

Skies: Eastern sky covered in cirrus at present; waiting for better conditions before opening.

____end____

Weather COMMENT BY lisapg: Mon May 25 20:53:01 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-25 20:47:00

Temperature : 54.41 deg F

Dew Point : 10.8 deg F

Pressure : 681.07 mbar

Wind Speed : 9.62 mph

Wind Direction : 21.9 deg

Skies: Sky has thin cirrus still covering it at present and is extremely bright. Holding off for better conditions.

____end____

GENERAL COMMENT BY lisapg: Mon May 25 21:41:26 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Mon May 25 21:41:31 GMT 2026

Blew off Kcor 01

____end____

Mon May 25 21:48:55 GMT 2026 Kcor Focus/alignment program exited

Mon May 25 21:50:26 GMT 2026 KCOR Start Synoptic Patrol

Mon May 25 22:04:34 GMT 2026 Report Time: 22:03:17 UTC

Image: 20260525_215404_kcor_l2_nrgf.gif

Obs time: 21:54:04

CME Front Height: 1.65 Rs (front)

CME Front Angle: 54.3

East Wing Angle: 54.5

West Wing Angle: 60.8

Angular Width: 6.2

CME Speed: moderate

CME Brightness: moderate

Confidence: medium

Seen in: nrgf

Mon May 25 22:06:20 GMT 2026 Report Time: 22:05:56 UTC

Image: 20260525_220008_kcor_l2_nrgf.gif

Obs time: 22:00:08

CME Front Height: 1.31 Rs (front)

CME Front Angle: 295.3

East Wing Angle: 276.9

West Wing Angle: 311.1

Angular Width: 34.2

CME Speed: fast

CME Brightness: moderate

Confidence: medium

Seen in: nrgf

Observer Comment: A fast cme in the W-NW

GENERAL COMMENT BY lisapg: Mon May 25 22:33:14 GMT 2026
Dome rotated manual, should be good for the rest of observations.

____end____

Weather COMMENT BY lisapg: Mon May 25 23:04:35 GMT 2026
MLO Current Weather

Skies: Sky is starting to go in and out of bright spots, pushing through

____end____

Mon May 25 23:16:44 GMT 2026 KCOR End Patrol
Mon May 25 23:16:55 GMT 2026 KCOR End Patrol
Mon May 25 23:30:28 GMT 2026 KCOR Start Synoptic Patrol
Mon May 25 23:42:28 GMT 2026 KCOR End Patrol
Mon May 25 23:42:36 GMT 2026 KCOR End Patrol
Mon May 25 23:44:07 GMT 2026 KCOR Start Synoptic Patrol
Mon May 25 23:45:18 GMT 2026 KCOR End Patrol
Mon May 25 23:45:23 GMT 2026 KCOR End Patrol
Mon May 25 23:49:15 GMT 2026 KCOR Start Synoptic Patrol
Tue May 26 00:25:38 GMT 2026 KCOR End Patrol
Tue May 26 00:25:50 GMT 2026 KCOR End Patrol
Tue May 26 00:28:39 GMT 2026 KCOR Start Synoptic Patrol
Tue May 26 00:30:36 GMT 2026 KCOR End Patrol
Tue May 26 00:30:39 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Tue May 26 00:34:51 GMT 2026

KCOR file transfer report

KCor created 617 .bin files

615 .fts files

NOTICE ? 2 .bin file(s) with no matching .fts:

20260525_232002_kcor.bin

20260526_003401_kcor.bin

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY lisapg: Tue May 26 00:41:08 GMT 2026
Dome closed

____end____

GENERAL COMMENT BY lisapg: Tue May 26 00:42:59 GMT 2026

Cirrus at start up but just before noon local time, the sky cleared so we could take data. Unfortunately, as the afternoon progressed, we went in and out of cirrus until end of day, where the sky in the West is covered in thin cirrus again. Hope tomorrow is just as nice or better!

____end____

Logger COMMENT BY lisapg: Tue May 26 00:43:02 GMT 2026

Log closed

ONSITE STAFF: lisapg

____end____