
Mauna Loa Solar Observatory Observer's Log

Sun Jul 26 15:55:51 GMT 2026

Year:26 Doy:207

Observer: lisapg

Weather COMMENT BY lisapg: Sun Jul 26 16:17:55 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-26 16:14:00

Temperature : 51.82 deg F

Dew Point : -14.71 deg F

Pressure : 681.36 mbar

Wind Speed : 16.33 mph

Wind Direction : 162.5 deg

Skies: Clear sky above with a little bit of cirrus on the Eastern horizon. Haze is at a
bout 10,000 ft.

____end____

GENERAL COMMENT BY lisapg: Sun Jul 26 16:37:18 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Sun Jul 26 16:37:21 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Sun Jul 26 17:00:05 GMT 2026

Kcor above dome

____end____

Sun Jul 26 17:04:13 GMT 2026 Kcor Focus/alignment program exited

Sun Jul 26 17:05:06 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY lisapg ** : Sun Jul 26 17:23:05 GMT 2026

Dome Occulted KCor. Dome sensor moved the dome too far and blocked KCor

____end____

Solar Event COMMENT BY lisapg: Sun Jul 26 17:40:49 GMT 2026 entry was edited

Observed Active Region

Movement in the NE, possibly an outflow?

____end____

Sun Jul 26 19:41:32 GMT 2026 Report Time: 19:41:11 UTC

Image: 20260726_192407_kcor_l2_nrgf.gif

Obs time: 19:24:07

CME Front Height: 1.92 Rs (front)

CME Front Angle: 56.6

East Wing Angle: 49.9

West Wing Angle: 71.4

Angular Width: 21.5

CME Speed: slow

CME Brightness: faint

Confidence: medium

Seen in: nrgf

Observer Comment: Possible outflow/cme in the NE

** GENERAL PROBLEM REPORTED BY lisapg ** : Sun Jul 26 19:43:12 GMT 2026

May have to change the code for sending out observer cme alerts from array7 to tank, No
t sure if this will fix the issue with the emails.

____end____

Weather COMMENT BY lisapg: Sun Jul 26 20:29:06 GMT 2026

MLO Current Weather

Skies: Sky getting a little bright

____end____

Sun Jul 26 21:41:46 GMT 2026 KCOR End Patrol

Sun Jul 26 21:41:58 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Sun Jul 26 21:43:54 GMT 2026

KCOR file transfer report

KCor created 1100 .bin files

1099 .fts files

NOTICE ? 1 .bin file(s) with no matching .fts:

20260726_214241_kcor.bin

Remote site is complete ? no rsync required.

____end____

Weather COMMENT BY lisapg: Sun Jul 26 21:44:43 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-26 21:41:00

Temperature : 65.71 deg F

Dew Point : 1.85 deg F

Pressure : 682.6 mbar

Wind Speed : 13.65 mph

Wind Direction : 46.1 deg

Skies: Cirrus has moved in for what looks the rest of the day.

____end____

GENERAL COMMENT BY lisapg: Sun Jul 26 22:10:11 GMT 2026 entry was edited

mlso_animator-rework code was modified: array7 was replaced with tank to see if this fixes our observer cme alert not being sent out.

____end____

GENERAL COMMENT BY lisapg: Sun Jul 26 23:29:03 GMT 2026

Nice morning to take data, unfortunately no data in the afternoon due to thin cirrus coming in. Hope tomorrow is better.

____end____

Logger COMMENT BY lisapg: Sun Jul 26 23:29:09 GMT 2026

Log closed

ONSITE STAFF: lisapg

____end____