
Mauna Loa Solar Observatory Observer's Log

Sat Jul 04 16:04:11 GMT 2026

Year:26 Doy:185

Observer: lisapg

Weather COMMENT BY lisapg: Sat Jul 04 16:10:43 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-04 16:02:00

Temperature : 46.94 deg F

Dew Point : -0.72 deg F

Pressure : 679.5 mbar

Wind Speed : 8.5 mph

Wind Direction : 225.2 deg

Skies: Cirrus covering the sky at present, waiting for better conditions before starting up.

____end____

GENERAL COMMENT BY lisapg: Sat Jul 04 16:45:06 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Sat Jul 04 16:45:11 GMT 2026

Blew off Kcor 01

____end____

** Guider/spar PROBLEM REPORTED BY lisapg ** : Sat Jul 04 16:45:57 GMT 2026

SGS computer didn't start properly this morning, had to do a hard reboot to get the computer up.

____end____

Sat Jul 04 17:00:22 GMT 2026 SGS Alignment complete

Sat Jul 04 17:01:20 GMT 2026 Kcor Focus/alignment program exited

Sat Jul 04 17:02:21 GMT 2026 KCOR Start Synoptic Patrol

Sat Jul 04 17:11:25 GMT 2026 KCOR End Patrol

Sat Jul 04 17:11:34 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Sat Jul 04 17:13:42 GMT 2026

MLO Current Weather

Skies: Crossing a band of cirrus, KCor idled for now

____end____

Sat Jul 04 17:18:16 GMT 2026 KCOR Start Synoptic Patrol

Sat Jul 04 17:19:37 GMT 2026 KCOR End Patrol

Sat Jul 04 17:19:40 GMT 2026 KCOR End Patrol

Sat Jul 04 17:22:13 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Sat Jul 04 17:28:08 GMT 2026

SGS zero point offset for the X/RA seems to be changing quite drastically this morning; it swung to -78 before going to -20, currently at -50 and climbing again.

____end____

GENERAL COMMENT BY lisapg: Sat Jul 04 18:17:20 GMT 2026

SGS zero point offset for the X/RA seems to be stabilizing, its been staying below -50 but above -30.

____end____

Sat Jul 04 19:00:12 GMT 2026 KCOR End Patrol

Sat Jul 04 19:00:13 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jul 04 19:06:44 GMT 2026 KCOR ABORT Calibration Script

KCOR COMMENT BY lisapg: Sat Jul 04 19:07:00 GMT 2026

scattered cirrus crossing, kcor calibration aborted for now.

____end____

Sat Jul 04 19:07:01 GMT 2026 KCOR Start Synoptic Patrol

Sat Jul 04 19:07:02 GMT 2026 KCOR Start Synoptic Patrol

Sat Jul 04 19:14:21 GMT 2026 KCOR End Patrol

Sat Jul 04 19:14:22 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jul 04 19:29:13 GMT 2026 KCOR End Calibration Script

Sat Jul 04 19:29:30 GMT 2026 KCOR Start Synoptic Patrol

Sat Jul 04 19:29:31 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Sat Jul 04 19:42:24 GMT 2026

Pushing through some passing cirrus

____end____

Sat Jul 04 19:46:57 GMT 2026 Report Time: 19:46:46 UTC

Image: 20260704_194009_kcor_l2_nrgf.gif
Obs time: 19:40:09

CME Front Height: 1.54 Rs (front)
CME Front Angle: 255.6
East Wing Angle: 250.5
West Wing Angle: 263.9
Angular Width: 13.4
CME Speed: moderate
CME Brightness: moderate
Confidence: medium
Seen in: nrgf

Observer Comment: Possible cme can be seen in the W-SW. Seems to have started towards the end of the KCor calibration

Sat Jul 04 19:51:11 GMT 2026 KCOR End Patrol
Sat Jul 04 19:51:21 GMT 2026 KCOR End Patrol
Weather COMMENT BY lisapg: Sat Jul 04 19:51:52 GMT 2026
MLO Current Weather

Timestamp (UTC): 2026-07-04 19:47:00
Temperature : 54.99 deg F
Dew Point : 38.09 deg F
Pressure : 680.92 mbar
Wind Speed : 6.71 mph
Wind Direction : 330.7 deg
Skies: Clouds crossing. KCor idled for now
____end____

Sat Jul 04 20:03:47 GMT 2026 KCOR Start Synoptic Patrol
Sat Jul 04 20:13:22 GMT 2026 KCOR End Patrol
Sat Jul 04 20:13:25 GMT 2026 KCOR End Patrol
Sat Jul 04 20:37:24 GMT 2026 KCOR Start Synoptic Patrol
Sat Jul 04 20:45:05 GMT 2026 KCOR End Patrol
Sat Jul 04 20:45:14 GMT 2026 KCOR End Patrol
Sat Jul 04 20:47:32 GMT 2026 KCOR Start Synoptic Patrol
Weather COMMENT BY lisapg: Sat Jul 04 21:01:16 GMT 2026
MLO Current Weather

Skies: In and out of scattered bands of cirrus crossing.
____end____

Sat Jul 04 21:03:28 GMT 2026 Report Time: 21:03:17 UTC
Image: 20260704_204811_kcor_l2_nrgf.gif
Obs time: 20:48:11

CME Front Height: 1.62 Rs (front)
CME Front Angle: 108.8
East Wing Angle: 94.5
West Wing Angle: 121.6
Angular Width: 27.1
CME Speed: moderate
CME Brightness: faint
Confidence: medium
Seen in: nrgf

Observer Comment: A faint cme in the E-SE

** GENERAL PROBLEM REPORTED BY lisapg ** : Sat Jul 04 21:07:23 GMT 2026

CME alerts from our cme viewer had a code change as it seemed like it was still sending to Dawn; it was changed to send to hazel but it seems like this hasn't fixed the issue with the CME viewer not sending out a cme alert on behalf of the observer.

____end____
Sat Jul 04 22:34:17 GMT 2026 KCOR End Patrol
Sat Jul 04 22:34:27 GMT 2026 KCOR End Patrol
Sat Jul 04 22:34:46 GMT 2026 KCOR Start Synoptic Patrol
Sat Jul 04 22:36:51 GMT 2026 KCOR End Patrol
Sat Jul 04 22:36:59 GMT 2026 KCOR End Patrol
Sat Jul 04 22:38:55 GMT 2026 KCOR Start Synoptic Patrol
Sat Jul 04 22:47:15 GMT 2026 KCOR End Patrol
Sat Jul 04 22:47:21 GMT 2026 KCOR End Patrol
Sat Jul 04 22:48:04 GMT 2026 KCOR Start Synoptic Patrol

Sat Jul 04 22:53:35 GMT 2026 KCOR End Patrol
Sat Jul 04 22:53:40 GMT 2026 KCOR End Patrol
Sat Jul 04 22:54:27 GMT 2026 KCOR Start Synoptic Patrol
Sat Jul 04 22:57:08 GMT 2026 KCOR End Patrol
Sat Jul 04 22:57:13 GMT 2026 KCOR End Patrol
Weather COMMENT BY lisapg: Sat Jul 04 23:01:22 GMT 2026
MLO Current Weather
Timestamp (UTC): 2026-07-04 22:56:00
Temperature : 56.1 deg F
Dew Point : 44.56 deg F
Pressure : 680.8 mbar
Wind Speed : 12.53 mph
Wind Direction : 350.6 deg
Skies: Clouds coming up from Saddle, Kcor stopped for now
____end____
GENERAL COMMENT BY lisapg: Sat Jul 04 23:15:38 GMT 2026
Dome closed for low clouds possibly coming in.
____end____
KCOR COMMENT BY KCOR: Sat Jul 04 23:20:44 GMT 2026
KCOR file transfer report
KCor created 1349 .bin files
1346 .fts files
NOTICE ? 3 .bin file(s) with no matching .fts:
20260704_195837_kcor.bin
20260704_201854_kcor.bin
20260704_225925_kcor.bin
Remote site is complete ? no rsync required.
____end____
GENERAL COMMENT BY lisapg: Sun Jul 05 00:06:33 GMT 2026
Cirrus at start up of the day but they didn't stick around too long after the Sun rose
above the dome. Been in and out of scattered cirrus throughout the day; hope tomorrow i
s a better day.
____end____
Logger COMMENT BY lisapg: Sun Jul 05 00:06:37 GMT 2026
Log closed
ONSITE STAFF: lisapg
____end____