
Mauna Loa Solar Observatory Observer's Log

Sun Jul 05 15:55:33 GMT 2026

Year:26 Doy:186

Observer: lisapg

Weather COMMENT BY lisapg: Sun Jul 05 16:16:21 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-05 16:11:00

Temperature : 47.3 deg F

Dew Point : -9.87 deg F

Pressure : 680.77 mbar

Wind Speed : 9.4 mph

Wind Direction : 121.0 deg

Skies: Clear above the observatory with some cirrus above Mauna Kea to the North
____end____

GENERAL COMMENT BY lisapg: Sun Jul 05 16:36:06 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Sun Jul 05 16:36:13 GMT 2026

Blew off Kcor 01

____end____

Sun Jul 05 16:58:17 GMT 2026 SGS Alignment complete

Sun Jul 05 17:00:07 GMT 2026 Kcor Focus/alignment program exited

Sun Jul 05 17:00:57 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 17:43:07 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 19:13:53 GMT 2026 KCOR End Patrol

Sun Jul 05 19:13:55 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Jul 05 19:28:48 GMT 2026 KCOR End Calibration Script

Sun Jul 05 19:29:05 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 19:29:06 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 19:51:08 GMT 2026 KCOR End Patrol

Sun Jul 05 19:51:20 GMT 2026 KCOR End Patrol

Sun Jul 05 19:51:27 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Sun Jul 05 19:52:01 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-05 19:47:00

Temperature : 59.31 deg F

Dew Point : -5.66 deg F

Pressure : 681.89 mbar

Wind Speed : 7.83 mph

Wind Direction : 58.9 deg

Skies: Cirrus passing, pushing through it

____end____

Sun Jul 05 19:52:24 GMT 2026 KCOR End Patrol

Sun Jul 05 19:52:35 GMT 2026 KCOR End Patrol

Sun Jul 05 19:54:06 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 19:59:21 GMT 2026 KCOR End Patrol

Sun Jul 05 19:59:25 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Sun Jul 05 20:03:07 GMT 2026 entry was edited

MLO Current Weather

Skies: Lots of cirrus crossing, Kcor stopped for now

____end____

Sun Jul 05 20:12:55 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 20:16:47 GMT 2026 KCOR End Patrol

Sun Jul 05 20:16:56 GMT 2026 KCOR End Patrol

Sun Jul 05 20:18:45 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 20:22:41 GMT 2026 KCOR End Patrol

Sun Jul 05 20:22:45 GMT 2026 KCOR End Patrol

Sun Jul 05 20:23:18 GMT 2026 KCOR Start Synoptic Patrol

Sun Jul 05 20:36:22 GMT 2026 KCOR End Patrol

Sun Jul 05 20:36:24 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Sun Jul 05 20:39:38 GMT 2026

MLO Current Weather

Skies: More cirrus, KCor stopped

____end____

Sun Jul 05 20:57:41 GMT 2026 KCOR Start Synoptic Patrol
Sun Jul 05 21:40:06 GMT 2026 Report Time: 21:39:51 UTC
Image: 20260705_213210_kcor_l2_nrgf.gif
Obs time: 21:32:10

CME Front Height: 1.61 Rs (front)
CME Front Angle: 286.1
East Wing Angle: 280.9
West Wing Angle: 290.4
Angular Width: 9.5
CME Speed: moderate
CME Brightness: faint
Confidence: medium
Seen in: nrgf
Observer Comment: A faint cme in the West

KCOR COMMENT BY lisapg: Mon Jul 06 00:07:23 GMT 2026 entry was edited
The changes that were made to the KCor NRGF animator in April has made it impossible to see cme's starting on the West limb today as that area is already bright. Going to convert back to the original values by looking in the history as the original values were not recorded.

Update: The values that were changed back in April were not deleted, just commented out for easy back and forth changing. The values were changed back to 1 for both contrast and brightness and I can now see the West limb much better.

____end____

Solar Event COMMENT BY lisapg: Mon Jul 06 00:20:09 GMT 2026 entry was edited
Between 222400 UT-230010 UT, there appears to be a brightening/surge at PA 265.

____end____

Solar Event COMMENT BY lisapg: Mon Jul 06 00:28:18 GMT 2026
Observed Jet can be seen at PA 290 from 182904 UT-201606 UT

____end____

Mon Jul 06 00:31:33 GMT 2026 Report Time: 00:31:13 UTC
Image: 20260705_234007_kcor_l2_nrgf.gif
Obs time: 23:40:07

CME Speed: moderate
CME Brightness: faint
Confidence: medium
Seen in: nrgf
Observer Comment: A faint outflow can be seen in the West, seems to be a dark structure moving in the NRGFs

Solar Event COMMENT BY lisapg: Mon Jul 06 00:39:23 GMT 2026
Possible, very faint epl between PA 260-270 from 193001 UT-194813 UT

____end____

Solar Event COMMENT BY lisapg: Mon Jul 06 00:40:42 GMT 2026
Observed Active Region seems like something rising after that in cme in the West.

____end____

Solar Event COMMENT BY lisapg: Mon Jul 06 01:06:56 GMT 2026
Brightening can be seen between PA 250-265 from 003011-010001

____end____

Mon Jul 06 01:16:37 GMT 2026 Report Time: 01:16:23 UTC
Image: 20260705_225003_kcor_l2_nrgf.gif
Obs time: 22:50:03

CME Speed: moderate
CME Brightness: moderate
Confidence: medium
Observer Comment: testing code right now.

Mon Jul 06 02:00:13 GMT 2026 KCOR End Patrol
Mon Jul 06 02:00:16 GMT 2026 KCOR End Patrol
KCOR COMMENT BY KCOR: Mon Jul 06 02:01:04 GMT 2026

KCOR file transfer report
KCor created 1967 .bin files
1963 .fts files

NOTICE ? 4 .bin file(s) with no matching .fts:

20260705_172622_kcor.bin

20260705_200238_kcor.bin

20260705_203922_kcor.bin

20260706_020027_kcor.bin

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY lisapg: Mon Jul 06 02:06:18 GMT 2026

Nice day to take data

____end____

Logger COMMENT BY lisapg: Mon Jul 06 02:06:23 GMT 2026

Log closed

ONSITE STAFF: lisapg

____end____