
Mauna Loa Solar Observatory Observer's Log

Thu Aug 20 16:00:11 GMT 2026

Year:26 Doy:232

Observer: lisapg

Weather COMMENT BY lisapg: Thu Aug 20 16:17:12 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-20 16:14:00

Temperature : 47.03 deg F

Dew Point : 32.68 deg F

Pressure : 681.78 mbar

Wind Speed : 4.92 mph

Wind Direction : 190.6 deg

Skies: sky looks clear if maybe a little bright

____end____

GENERAL COMMENT BY lisapg: Thu Aug 20 16:38:48 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Thu Aug 20 16:38:52 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Thu Aug 20 17:06:00 GMT 2026

Kcor above dome

____end____

Thu Aug 20 17:09:01 GMT 2026 Kcor Focus/alignment program exited

Thu Aug 20 17:09:48 GMT 2026 KCOR Start Synoptic Patrol

Solar Event COMMENT BY lisapg: Thu Aug 20 17:33:03 GMT 2026

Observed Active Region seems to be some movement in the East limb of the Sun

____end____

GENERAL COMMENT BY lisapg: Thu Aug 20 19:16:16 GMT 2026

Ben complained of an odorous smell when he came in. Then I saw evidence of water near our monitors (our window cardboard cover had water damage that wasn't there when I left Friday) and we did a general inspection of the inside of the building: Found some water on top of two bins by the window by the clean room. Seems we had water leaking from the windows during the storm but hard to tell as it's been three-four days since it happened.

____end____

Thu Aug 20 19:17:13 GMT 2026 Report Time: 19:16:59 UTC

Image: 20260820_182803_kcor_l2_nrgf.gif

Obs time: 18:28:03

CME Front Height: 1.29 Rs (front)

CME Front Angle: 253.6

East Wing Angle: 233.0

West Wing Angle: 271.8

Angular Width: 38.8

CME Speed: fast

CME Brightness: moderate

Confidence: medium

Observer Comment: A nice cme in the W-SW

Solar Event COMMENT BY lisapg: Thu Aug 20 19:27:32 GMT 2026

Observed Active Region Cavity on the West limb has been slowly expanding since start up, keeping an eye on it.

____end____

Thu Aug 20 21:40:37 GMT 2026 KCOR End Patrol

Thu Aug 20 21:40:50 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Thu Aug 20 21:41:55 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-20 21:38:00

Temperature : 58.86 deg F

Dew Point : 42.25 deg F

Pressure : 683.11 mbar

Wind Speed : 7.38 mph

Wind Direction : 44.7 deg

Skies: Clouds have come up from saddle and over the East-Southeast should of Mauna Loa,
Kcor idled for now.

____end____

Thu Aug 20 21:43:10 GMT 2026 KCOR Start Synoptic Patrol

Thu Aug 20 21:46:01 GMT 2026 KCOR End Patrol

Thu Aug 20 21:46:09 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Thu Aug 20 21:47:45 GMT 2026

KCOR file transfer report

KCor created 1099 .bin files

1097 .fts files

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

20260820_205241_kcor.bin

20260820_214703_kcor.bin

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY lisapg: Thu Aug 20 23:59:41 GMT 2026

A nice morning to take data, unfortunately clouds came up and that was it for the day.

Hope tomorrow is a better day.

____end____

Logger COMMENT BY lisapg: Thu Aug 20 23:59:54 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

____end____