
Mauna Loa Solar Observatory Observer's Log

Fri Oct 02 15:58:13 GMT 2026

Year:26 Doy:275

Observer: lisapg

Weather COMMENT BY lisapg: Fri Oct 02 16:19:13 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-10-02 16:14:00

Temperature : 39.53 deg F

Dew Point : 27.95 deg F

Pressure : 678.85 mbar

Wind Speed : 5.14 mph

Wind Direction : 206.6 deg

Skies: Sky looks clear, vog is at about 11,000-12,000 ft +.

____end____

GENERAL COMMENT BY lisapg: Fri Oct 02 16:51:53 GMT 2026

Dome open

____end____

** UCOMP PM lisapg ** : Fri Oct 02 16:51:57 GMT 2026

Blew off UCoMP O1

____end____

** KCOR PM lisapg ** : Fri Oct 02 16:52:02 GMT 2026

Blew off Kcor O1

____end____

KCOR COMMENT BY lisapg: Fri Oct 02 17:13:14 GMT 2026

KCor above dome

____end____

Fri Oct 02 17:16:07 GMT 2026 Kcor Focus/alignment program exited

Fri Oct 02 17:16:45 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PM lisapg ** : Fri Oct 02 17:20:19 GMT 2026 entry was edited

Blew off Kcor O1 for a bullet hole in the SW that I could see in the focus GUI, don't think it helped.

____end____

** KCOR PM lisapg ** : Fri Oct 02 18:24:07 GMT 2026 entry was edited

Washed Kcor O1 SN3 flushed and washed with soap. There was a feature towards the edge of the lens that required acetone to remove. Was flushed with water and rinsed again with soap to remove residue

____end____

Fri Oct 02 19:12:41 GMT 2026 KCOR End Patrol

Fri Oct 02 19:12:42 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Oct 02 19:27:56 GMT 2026 KCOR End Calibration Script

Fri Oct 02 19:28:13 GMT 2026 KCOR Start Synoptic Patrol

Fri Oct 02 19:28:14 GMT 2026 KCOR Start Synoptic Patrol

Fri Oct 02 19:47:50 GMT 2026 Report Time: 19:47:35 UTC

Image: 20261002_193601_kcor_l2_nrgf.gif

Obs time: 19:36:01

First Seen: 19:28:11

CME Front Height: 1.17 Rs (front)

CME Front Angle: 88.0

East Edge Angle: 81.3

West Edge Angle: 89.7

Angular Width: 8.4

CME Speed: moderate

CME Brightness: faint

Confidence: low

Seen in: nrgf

Observer Comment: Possible cme/epl in the East

KCOR COMMENT BY berkey: Fri Oct 02 20:10:25 GMT 2026 entry was edited

Swapping Kcor O1-2 with SN3 for testing. Config file updated

____end____

** KCOR PROBLEM REPORTED BY berkey ** : Fri Oct 02 20:37:32 GMT 2026

During the instillation of the aperture stop one of the fasteners slipped and landed on the glass and during the attempt to retrieve the screw it moved along the stop for a

few inches. It is not clear what this metal on glass contact did to the lens surface.
____end____

GENERAL COMMENT BY berkey: Fri Oct 02 20:39:24 GMT 2026

Clouds moved in after SN3 was fully blown off and installed in the telescope. Visual inspection with sunlight shows significant improvement vs yesterday, but it will be difficult to get back to back data.

____end____

Fri Oct 02 20:51:00 GMT 2026 Kcor Focus/alignment program exited

** KCOR PM lisapg ** : Fri Oct 02 22:27:06 GMT 2026 entry was edited

Washed Kcor 01-2 has been washed to address the three bullet holes in the West of the data that showed up during the swap yesterday.

____end____

** KCOR PM lisapg ** : Fri Oct 02 23:40:16 GMT 2026 entry was edited

Since clouds came in shortly after we swapped the 01's, KCor 01 SN3 has been removed from the instrument and 01-2 has been reinstalled with the config file updated to reflect 01-2 in the instrument. Clouds remain covering the sky at present, so not sure if the cleaning removed the bullet holes that were seen in 01-2 data.

Note that 01 SN3 has been put back in its case and put in a pelican case in the clean room.

____end____

GENERAL COMMENT BY lisapg: Fri Oct 02 23:59:04 GMT 2026

No data this afternoon, hope tomorrow is a better day.

____end____

Logger COMMENT BY lisapg: Fri Oct 02 23:59:58 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

____end____