
Mauna Loa Solar Observatory Observer's Log

Sat Apr 04 17:25:50 GMT 2026

Year:26 Doy:094

Observer: lisapg

** GENERAL PROBLEM REPORTED BY lisapg ** : Sat Apr 04 17:27:42 GMT 2026

Having network issues again.

____end____

GENERAL COMMENT BY berkey: Sat Apr 04 17:28:58 GMT 2026 entry was edited

Opened windows upstairs

____end____

GENERAL COMMENT BY berkey: Sat Apr 04 17:29:05 GMT 2026 entry was edited

Dome open

____end____

Weather COMMENT BY lisapg: Sat Apr 04 17:35:08 GMT 2026

Weather report

Sky: Sky looks clear but is currently too bright to take KCor data at present. Waiting for better conditions to start up.

____end____

** GENERAL PM berkey ** : Sat Apr 04 18:03:59 GMT 2026 entry was edited

Washed Kcor O1. Linear structures about 2/3 of the way from the center of the O1 were seen. These may have been the source of the fringes seen in the pervious data.

An an attempt was made to clean these structures however they seemed persistent against soap, water and isopropyl. These may represent a physical change to the lens surface not just something on top. Further during the course of the clean the water tool came into contact with the lens surface near the middle of the lens likely causing some more damage to the lens surface.

An effort was made to clean the dust and other material that fell on the O1 and it was reinstalled in the telescope to check out the system.

____end____

** GENERAL PROBLEM REPORTED BY berkey ** : Sat Apr 04 19:01:54 GMT 2026

Internet down Network access was down all morning. Reseating the fibers in the media convert SFP seemed to address the issue.

____end____

** KCOR PM berkey ** : Sat Apr 04 19:46:20 GMT 2026

Washed Kcor O1 An attempt was made to blow off the big bullet hole seen on the northwe st. The particle would not move with the air tools alone, so the southern front of the O1 was washed in the area of the particle to remove it.

____end____

Weather COMMENT BY lisapg: Sat Apr 04 20:24:26 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-04 20:26:00

Temperature : 51.39 deg F

Dew Point : -4.92 deg F

Pressure : 678.58 mbar

Wind Speed : 9.17 mph

Wind Direction : 24.7 deg

Skies: Sky clear at present.

____end____

KCOR COMMENT BY lisapg: Sat Apr 04 20:44:19 GMT 2026

Kcor calibration started

____end____

KCOR COMMENT BY lisapg: Sat Apr 04 21:00:09 GMT 2026

Kcor calibration finished

____end____

CME Retraction COMMENT BY lisapg: Sat Apr 04 21:16:06 GMT 2026

The automated cme alert sent out a bogus alert; we are seeing nothing but fringing movi ng in that area. Ignore that alert.

____end____

KCOR COMMENT BY KCOR: Sat Apr 04 22:05:08 GMT 2026

KCOR file transfer report

KCor created 655 .bin files

651 .fts files

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

20260404_191557_kcor.bin
20260404_191612_kcor.bin
20260404_220405_kcor.bin
20260404_220421_kcor.bin
Remote site is complete ? no rsync required.

____end____

KCOR COMMENT BY lisapg: Sat Apr 04 22:12:35 GMT 2026

Kcor stopped to try and address bullet holes.

____end____

** KCOR PM berkey ** : Sat Apr 04 22:56:20 GMT 2026

kcor 01 first contact Applied first contact to the front surface of of the of the Kcor 01. This exhausted out supply of the materials, we only only have a tiny amount in a spray bottle.

The materials appears to still be drying so we will leave it overnight.

To help the cure time a heater was brought into the clean area to up the temp into the ~75 F zone up from ~50 F that was otherwise in the room. This heating used the majority of the battery life remaining and we will need to other operations at this time if we want to keep the modulator heater on over night and power to open the dome in the morning.

____end____

Logger COMMENT BY berkey: Sat Apr 04 22:58:16 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

____end____