
Mauna Loa Solar Observatory Observer's Log

Sat May 02 16:30:13 GMT 2026

Year:26 Doy:122

Observer: mcotter

Weather COMMENT BY mcotter: Sat May 02 16:30:18 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-02 16:26:00

Temperature : 36.01 deg F

Dew Point : 4.15 deg F

Pressure : 678.2 mbar

Wind Speed : 6.93 mph

Wind Direction : 163.0 deg

Skies: Hazy and bright skies with an inversion layer visible just below Haleakala. COLD
, COLD, COLD!

____end____

GENERAL COMMENT BY mcotter: Sat May 02 16:34:25 GMT 2026

power outage:

The ECO FLO power unit turned of during the course of the night, therefore the ILX did not come on this morning when prompted by the Pi computer.

The ECO FLO was restarted.

Power levels when we came in this morning;

ECO FLO: 87%.

YETI: 46%.

____end____

KCOR COMMENT BY mcotter: Sat May 02 16:40:28 GMT 2026

Kcor heater.

The ILX was started when we came in this morning, as it did not come on when prompted earlier this morning due to the ECO FLO power going out during the night.

As per Ben's instructions, in the dome Lisa put a space heater on a table facing toward the rear of the Kcor Base Plate as a means to jump start the heating process of the Kcor Heaters, so as to speed up the heating process.

____end____

KCOR COMMENT BY mcotter: Sat May 02 16:57:14 GMT 2026

Kcor heater.

The Kcor Instrument Base Plate is now warm to the touch and the ILX is reading 18.8 Deg C.

____end____

GENERAL COMMENT BY mcotter: Sat May 02 16:58:49 GMT 2026

Power Supply Levels.

ECO FLO: 53%.

YETI: 45%.

____end____

GENERAL COMMENT BY mcotter: Sat May 02 17:12:44 GMT 2026

Dome open

____end____

** KCOR PM mcotter ** : Sat May 02 17:12:51 GMT 2026

Blew off Kcor O1

____end____

GENERAL COMMENT BY mcotter: Sat May 02 17:22:56 GMT 2026

Opened windows upstairs

____end____

Sat May 02 17:26:28 GMT 2026 Kcor Focus/alignment program exited

** GENERAL PROBLEM REPORTED BY berkey ** : Sat May 02 17:26:52 GMT 2026

Power outage Ecoflow had been configured to shutdown after 12 hours of idle. This appears to be the root cause of the power outage. Timeouts have been adjusted to never time

out on the device, and ac output . This should prevent the system from sleeping again
.
____end____
Sat May 02 17:28:33 GMT 2026 KCOR Start Synoptic Patrol
Solar Event COMMENT BY lisapg: Sat May 02 18:42:25 GMT 2026 entry was edited
Observed Prominence
In the N-NE, it looks like there is movement along a field line. Will hold off on Kcor
calibrations.
____end____
** GENERAL PROBLEM REPORTED BY lisapg ** : Sat May 02 18:57:20 GMT 2026
CME reports made by observer(s) are not getting written to the log automatically. Will
try to look into shortly.
____end____
CME Alert COMMENT BY lisapg: Sat May 02 18:58:42 GMT 2026
Observed CME
CME in the W-NW between PA 270-310 can be seen in the NRGFs; holding off KCor calibrati
ons.
____end____
Weather COMMENT BY lisapg: Sat May 02 19:47:56 GMT 2026
MLO Current Weather
Timestamp (UTC): 2026-05-02 19:44:00
Temperature : 47.34 deg F
Dew Point : 31.39 deg F
Pressure : 679.3 mbar
Wind Speed : 6.26 mph
Wind Direction : 330.4 deg
Skies: Some clouds popping up in the West and East over Mauna Loas' shoulder and some r
ising to the Northwest. Keeping an eye on them.
____end____
Sat May 02 20:36:25 GMT 2026 KCOR End Patrol
Sat May 02 20:36:40 GMT 2026 KCOR End Patrol
Sat May 02 20:38:42 GMT 2026 KCOR Start Synoptic Patrol
Sat May 02 20:47:05 GMT 2026 KCOR End Patrol
Sat May 02 20:47:18 GMT 2026 KCOR End Patrol
Weather COMMENT BY lisapg: Sat May 02 20:51:51 GMT 2026
MLO Current Weather
Timestamp (UTC): 2026-05-02 20:47:00
Temperature : 49.69 deg F
Dew Point : 37.72 deg F
Pressure : 679.31 mbar
Wind Speed : 8.72 mph
Wind Direction : 342.4 deg
Skies: Clouds have come up and currently covering the Sun; Kcor idled for now.
____end____
GENERAL COMMENT BY lisapg: Sat May 02 22:27:51 GMT 2026
Dome closed
Due to low clouds in the NW
____end____
KCOR COMMENT BY KCOR: Sat May 02 22:28:04 GMT 2026
KCOR file transfer report
KCor created 805 .bin files
804 .fts files
NOTICE ? 1 .bin file(s) with no matching .fts:
20260502_205045_kcor.bin
Remote site is complete ? no rsync required.
____end____
GENERAL COMMENT BY lisapg: Sat May 02 22:58:41 GMT 2026
Nice weather at start up with aerosols not getting too heavy before the clouds rolled i
n. Hopefully tomorrow we get data for longer.
____end____
Logger COMMENT BY lisapg: Sat May 02 22:59:07 GMT 2026
Log closed
ONSITE STAFF: lisapg, mcotter
____end____