
Mauna Loa Solar Observatory Observer's Log

Wed Apr 22 17:32:23 GMT 2026

Year:26 Doy:112

Observer:

Weather COMMENT BY lisapg: Wed Apr 22 17:33:20 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-22 17:29:00

Temperature : 43.5 deg F

Dew Point : 29.97 deg F

Pressure : 681.32 mbar

Wind Speed : 11.18 mph

Wind Direction : 250.1 deg

Skies: Sky is clear with a haze at about 9,000 ft. Waiting for Kcor ILX to come up to temp before starting up.

____end____

** KCOR PM lisapg ** : Wed Apr 22 17:44:51 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Wed Apr 22 17:45:00 GMT 2026

Dome open

____end____

GENERAL COMMENT BY lisapg: Wed Apr 22 18:00:51 GMT 2026

Lower shutter of the dome had some trouble opening, had to use my hand to push far enough for it to continue on its own. Wind is barely noticeable at present.

____end____

KCOR COMMENT BY lisapg: Wed Apr 22 18:14:42 GMT 2026

Sky is a bit too bright at present to take data; holding off until conditions get better.

____end____

BY lisapg: Wed Apr 22 18:31:56 GMT 2026

SGS computer was having trouble with the resolution again; reseated all the connections and the problem was the cable connected to the sgs computer itself. Reseated it and computer resolution can be changed again.

____end____

KCOR COMMENT BY lisapg: Wed Apr 22 18:37:30 GMT 2026

Sky still too bright.

____end____

Wed Apr 22 18:41:27 GMT 2026 Kcor Focus/alignment program exited

Wed Apr 22 18:44:12 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Wed Apr 22 20:06:59 GMT 2026

Weather report

Orographic clouds starting to peek over Mauna Loas' shoulder just to the Southeast of the observatory; will keep an eye on them.

____end____

KCOR COMMENT BY lisapg: Wed Apr 22 20:08:00 GMT 2026

Holding off on taking a calibration as there has been something dark in the N-NE rising in the data.

____end____

Wed Apr 22 20:45:42 GMT 2026 KCOR End Patrol

Wed Apr 22 20:45:52 GMT 2026 KCOR End Patrol

KCOR COMMENT BY lisapg: Wed Apr 22 20:48:29 GMT 2026

Cloud crossed Kcor; idled briefly

____end____

Wed Apr 22 20:48:33 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Wed Apr 22 21:09:23 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-22 21:05:00

Temperature : 52.99 deg F

Dew Point : 38.21 deg F

Pressure : 682.23 mbar

Wind Speed : 10.07 mph

Wind Direction : 328.4 deg

Skies: Some scattered clouds coming in from Saddle; may be in and out of clouds for a bit. Keeping a close eye on them.

____end____
Wed Apr 22 21:12:30 GMT 2026 KCOR End Patrol
Wed Apr 22 21:12:40 GMT 2026 KCOR End Patrol
Wed Apr 22 21:14:29 GMT 2026 KCOR Start Synoptic Patrol
Wed Apr 22 21:21:04 GMT 2026 KCOR End Patrol
Wed Apr 22 21:21:16 GMT 2026 KCOR End Patrol
Wed Apr 22 21:21:18 GMT 2026 KCOR Start Synoptic Patrol
Wed Apr 22 21:32:13 GMT 2026 KCOR End Patrol
Wed Apr 22 21:32:23 GMT 2026 KCOR End Patrol
Wed Apr 22 21:35:10 GMT 2026 KCOR Start Synoptic Patrol
Wed Apr 22 21:41:45 GMT 2026 KCOR End Patrol
KCOR COMMENT BY KCOR: Wed Apr 22 21:46:16 GMT 2026
KCOR file transfer report
KCor created 726 .bin files
725 .fts files
NOTICE ? 1 .bin file(s) with no matching .fts:
20260422_214521_kcor.bin
WARNING 2 fts file(s) found locally that was not transfered dawn
ACTION must be taken to copy:
20260422_214451_kcor.fts
20260422_214506_kcor.fts
____end____
Weather COMMENT BY lisapg: Wed Apr 22 21:53:00 GMT 2026 entry was edited
MLO Current Weather
Timestamp (UTC): 2026-04-22 21:47:00
Temperature : 51.87 deg F
Dew Point : 40.53 deg F
Pressure : 682.03 mbar
Wind Speed : 7.16 mph
Wind Direction : 316.1 deg
Skies: Clouds have moved in over the observatory; instrument computers shut down to help conserve battery. Waiting for better conditions before starting up again.
____end____
GENERAL COMMENT BY lisapg: Wed Apr 22 21:59:43 GMT 2026
Dome closed due to low clouds/fog coming in.
____end____
GENERAL COMMENT BY lisapg: Wed Apr 22 22:58:30 GMT 2026
Sky was bright at start up but once it dimmed a bit, we were able to take data. Aerosols were present at start up and got worst as time went on. ILX has been turned off as the main battery is at 58% and the Yeti is at 47%. Network was moved onto the main battery at the start of the day. Heading down; hope tomorrow is a better day.
____end____
Logger COMMENT BY lisapg: Wed Apr 22 22:58:35 GMT 2026
Log closed
ONSITE STAFF: lisapg
____end____