
Mauna Loa Solar Observatory Observer's Log

Thu Apr 30 16:46:37 GMT 2026

Year:26 Doy:120

Observer: berkey

Weather COMMENT BY berkey: Thu Apr 30 16:47:06 GMT 2026 entry was edited

MLO Current Weather

Timestamp (UTC): 2026-04-30 16:44:00

Temperature : 37.78 deg F

Dew Point : 14.02 deg F

Pressure : 678.73 mbar

Wind Speed : 5.82 mph

Wind Direction : 136.4 deg

Skies: clear but a little bright, inversion layer looks to be about 12,000 ft.

____end____

GENERAL COMMENT BY berkey: Thu Apr 30 16:47:10 GMT 2026

Dome open

____end____

** GENERAL PROBLEM REPORTED BY berkey ** : Thu Apr 30 16:48:25 GMT 2026 entry was edited

Power outage ecoflow battery was off this morning preventing the ilx modulator heater from starting early this morning. Touching the power button brought the system up.

____end____

Thu Apr 30 16:56:17 GMT 2026 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Thu Apr 30 17:11:40 GMT 2026 entry was edited

Kcor heater ILX was started at about 5:30 the ILX was started with the modulator at about 1 C then around 6:00 am a space heater was placed pointed at the kcor base (near the back end) to slowly raise the plate from very cold to slightly warm to the touch. This took about 45 minutes and uses about 45% of the battery.

____end____

Thu Apr 30 17:16:46 GMT 2026 Kcor Focus/alignment program exited

Thu Apr 30 19:24:51 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Weather COMMENT BY berkey: Thu Apr 30 19:33:13 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-30 19:29:00

Temperature : 47.48 deg F

Dew Point : 19.1 deg F

Pressure : 679.78 mbar

Wind Speed : 12.08 mph

Wind Direction : 27.6 deg

Skies: clouds getting up to the elevation of the observatory. Not currently an issue for observations.

____end____

Thu Apr 30 19:40:05 GMT 2026 KCOR End Calibration Script

Thu Apr 30 20:14:42 GMT 2026 KCOR Start Synoptic Patrol

Thu Apr 30 20:41:30 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Thu Apr 30 22:02:32 GMT 2026

KCOR file transfer report

KCor created 1070 .bin files

1069 .fts files

NOTICE ? 1 .bin file(s) with no matching .fts:

20260430_205118_kcor.bin

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY berkey: Thu Apr 30 22:11:54 GMT 2026

Dome closed

____end____

Logger COMMENT BY berkey: Fri May 01 00:00:42 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____