
Mauna Loa Solar Observatory Observer's Log

Mon Apr 20 16:34:36 GMT 2026

Year:26 Doy:110

Observer: lisapg

Weather COMMENT BY lisapg: Mon Apr 20 16:35:19 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-20 16:32:00

Temperature : 39.57 deg F

Dew Point : 29.6 deg F

Pressure : 679.43 mbar

Wind Speed : 9.17 mph

Wind Direction : 208.1 deg

Skies: Haze at about 11,000 ft nd possibly a little bright in the East but sky is clear
!

____end____

** KCOR PM lisapg ** : Mon Apr 20 16:46:49 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Mon Apr 20 16:47:05 GMT 2026

Dome open

____end____

GENERAL COMMENT BY lisapg: Mon Apr 20 16:47:11 GMT 2026

Opened windows upstairs

____end____

KCOR COMMENT BY lisapg: Mon Apr 20 16:57:20 GMT 2026

Kcor not above dome yet.

____end____

Mon Apr 20 17:03:23 GMT 2026 Kcor Focus/alignment program exited

Mon Apr 20 17:05:10 GMT 2026 KCOR Start Synoptic Patrol

** Guider/spar PROBLEM REPORTED BY lisapg ** : Mon Apr 20 17:19:06 GMT 2026

Guider/spar Guider appeared to clear its self and the RA seemed to jump, not sure what happened but it came back fine.

____end____

Mon Apr 20 17:42:56 GMT 2026 KCOR End Patrol

Mon Apr 20 17:46:03 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY berkey ** : Mon Apr 20 17:46:05 GMT 2026 entry was edited
Kcor circular acquisition error and jumped polarization states. Data between 17:33:01
to 17:42:53 show these bad states.

____end____

Weather COMMENT BY lisapg: Mon Apr 20 18:39:44 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-20 18:35:00

Temperature : 46.81 deg F

Dew Point : 36.0 deg F

Pressure : 680.32 mbar

Wind Speed : 2.46 mph

Wind Direction : 27.8 deg

Skies: Orographic clouds coming in from the SE and SW, keeping a close eye on them.

____end____

Mon Apr 20 18:41:48 GMT 2026 KCOR End Patrol

Mon Apr 20 18:41:59 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Mon Apr 20 18:43:13 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-20 18:38:00

Skies: Clouds crossing, KCor idled for now.

____end____

** KCOR PM lisapg ** : Mon Apr 20 20:00:10 GMT 2026

KCor Hepa prefilter replaced

While clouds came in, we changed the lower Hepa prefilter and the Hepa motor.

____end____

GENERAL COMMENT BY lisapg: Mon Apr 20 20:01:20 GMT 2026

Dome closed

Dark clouds came in and are currently sitting over the observatory. Dome closed just in
case of rain.

____end____

Weather COMMENT BY lisapg: Mon Apr 20 20:58:19 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-20 20:53:00

Temperature : 46.05 deg F

Dew Point : 39.47 deg F

Pressure : 680.72 mbar

Wind Speed : 2.91 mph

Wind Direction : 263.5 deg

Skies: Dark clouds still above, currently blowing fog at present

____end____

GENERAL COMMENT BY lisapg: Tue Apr 21 02:02:20 GMT 2026

Tom Berger came up and we gave him the tour of the site.

____end____

Weather COMMENT BY lisapg: Tue Apr 21 02:03:35 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-21 01:59:00

Temperature : 48.06 deg F

Dew Point : 41.14 deg F

Pressure : 679.34 mbar

Wind Speed : 13.42 mph

Wind Direction : 278.3 deg

Skies: Been in and out of thick clouds for the rest of the day. Hopefully tomorrow is a better, longer data day.

____end____

Logger COMMENT BY lisapg: Tue Apr 21 02:03:41 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg, Tom Berger

____end____