
Mauna Loa Solar Observatory Observer's Log

Tue Apr 07 17:33:53 GMT 2026

Year:26 Doy:097

Observer: berkey

Weather COMMENT BY berkey: Tue Apr 07 17:34:52 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-07 17:32:00

Temperature : 39.77 deg F

Dew Point : 28.33 deg F

Pressure : 677.79 mbar

Wind Speed : 2.46 mph

Wind Direction : 20.1 deg

Skies: patchy cirrus currently in a potential observing hole but the long term forecast for the day looks marginal.

____end____

GENERAL COMMENT BY berkey: Tue Apr 07 17:34:56 GMT 2026

Dome open

____end____

** KCOR PM berkey ** : Tue Apr 07 17:35:07 GMT 2026

Blew off Kcor 01

____end____

Tue Apr 07 17:41:17 GMT 2026 Kcor Focus/alignment program exited

Tue Apr 07 17:46:39 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY berkey ** : Tue Apr 07 18:05:03 GMT 2026

Kcor metadata issue. Data taken before 18:01:46 had the diffuser miss labeled as mid beam when it was physically out and should have been labeled out.

____end____

Tue Apr 07 18:09:56 GMT 2026 KCOR End Patrol

** KCOR PROBLEM REPORTED BY berkey ** : Tue Apr 07 18:11:50 GMT 2026

Kcor circular acquisition error Kcor had a circular acquisition error at 17:55:11 data after that file had a bad modulation state.

____end____

Tue Apr 07 18:16:50 GMT 2026 KCOR Start Synoptic Patrol

Tue Apr 07 19:47:28 GMT 2026 KCOR End Patrol

Tue Apr 07 19:47:29 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Apr 07 20:02:22 GMT 2026 KCOR End Calibration Script

Tue Apr 07 20:02:39 GMT 2026 KCOR Start Synoptic Patrol

Tue Apr 07 20:02:40 GMT 2026 KCOR Start Synoptic Patrol

Tue Apr 07 20:19:52 GMT 2026 KCOR End Patrol

Weather COMMENT BY berkey: Tue Apr 07 20:21:47 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-07 20:17:00

Temperature : 45.66 deg F

Dew Point : 29.74 deg F

Pressure : 678.85 mbar

Wind Speed : 3.58 mph

Wind Direction : 55.5 deg

Skies: low passing clouds moving into the area

____end____

** GENERAL PROBLEM REPORTED BY berkey ** : Tue Apr 07 21:26:48 GMT 2026

Internet down Kcor dropped the VPN at 21:03:57 reconnecting.

____end____

Weather COMMENT BY berkey: Tue Apr 07 22:17:33 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-04-07 22:14:00

Temperature : 55.15 deg F

Dew Point : 26.74 deg F

Pressure : 678.37 mbar

Wind Speed : 16.55 mph

Wind Direction : 244.0 deg

Skies: Clear above but clouds in almost all directions.

Winds starting to build.

____end____

GENERAL COMMENT BY berkey: Tue Apr 07 22:59:19 GMT 2026

Dome closed for nearby clouds.

____end____

KCOR COMMENT BY KCOR: Tue Apr 07 23:57:31 GMT 2026

KCOR file transfer report

KCor created 1231 .bin files

1228 .fts files

NOTICE ? 3 .bin file(s) with no matching .fts:

20260407_181037_kcor.bin

20260407_225311_kcor.bin

20260407_225326_kcor.bin

Remote site is complete ? no rsync required.

____end____

Logger COMMENT BY berkey: Tue Apr 07 23:58:00 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____