
Mauna Loa Solar Observatory Observer's Log

Thu Jun 25 15:59:05 GMT 2026

Year:26 Doy:176

Observer: lisapg

Weather COMMENT BY lisapg: Thu Jun 25 16:16:30 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-25 16:11:00

Temperature : 41.77 deg F

Dew Point : 1.74 deg F

Pressure : 679.6 mbar

Wind Speed : 16.33 mph

Wind Direction : 182.1 deg

Skies: Sky is clear with haze at about 11,000 ft +.

____end____

GENERAL COMMENT BY lisapg: Thu Jun 25 16:38:17 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Thu Jun 25 16:38:25 GMT 2026

Blew off Kcor 01

____end____

KCOR COMMENT BY lisapg: Thu Jun 25 16:51:44 GMT 2026

Kcor above dome

____end____

Thu Jun 25 16:53:25 GMT 2026 Kcor Focus/alignment program exited

Thu Jun 25 16:54:19 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jun 25 18:37:46 GMT 2026 entry was edited

Socketcam came up with an image write error. Deleting older files on KCor to make space for new files. KCor idled during this process

____end____

GENERAL COMMENT BY lisapg: Thu Jun 25 18:40:13 GMT 2026

Re-synced the time for KCor and SGS as KCor was 2-3 seconds slow and SGS was 2-3 seconds fast. Note that when we reset SGSs' clock, it reset its pid loop (meaning the GUI reset its self and we lost tracking briefly). We should either reset the clocks if they're off before observing or have them scheduled to sync before/after the observational day.

____end____

Thu Jun 25 18:41:33 GMT 2026 KCOR Start Synoptic Patrol

Thu Jun 25 18:58:49 GMT 2026 KCOR End Patrol

Thu Jun 25 18:58:50 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Jun 25 19:14:02 GMT 2026 KCOR End Calibration Script

Thu Jun 25 19:14:18 GMT 2026 KCOR Start Synoptic Patrol

Thu Jun 25 19:14:19 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Thu Jun 25 21:23:34 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-25 21:20:00

Temperature : 58.98 deg F

Dew Point : 38.49 deg F

Pressure : 680.53 mbar

Wind Speed : 10.96 mph

Wind Direction : 337.8 deg

Skies: Aerosols have picked up and we're starting to see clouds come up from Saddle as well as the West shoulder of Mauna Loa; keeping a close eye on things

____end____

Thu Jun 25 21:24:33 GMT 2026 KCOR End Patrol

Thu Jun 25 21:25:43 GMT 2026 KCOR Start Synoptic Patrol

Thu Jun 25 21:27:04 GMT 2026 KCOR End Patrol

Thu Jun 25 21:29:26 GMT 2026 KCOR Start Synoptic Patrol

Thu Jun 25 21:55:09 GMT 2026 KCOR End Patrol

Thu Jun 25 21:58:44 GMT 2026 KCOR Start Synoptic Patrol

Thu Jun 25 22:00:27 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Thu Jun 25 22:30:31 GMT 2026

KCOR file transfer report

KCor created 1199 .bin files

1197 .fts files

NOTICE ? 2 .bin file(s) with no matching .fts:

20260625_183537_kcor.bin

20260625_220211_kcor.bin

WARNING 3 fts file(s) found locally that was not transfered dawn

ACTION must be taken to copy:

20260625_183452_kcor.fts

20260625_183507_kcor.fts

20260625_183522_kcor.fts

____end____

GENERAL COMMENT BY lisapg: Thu Jun 25 23:48:14 GMT 2026

Dome closed

For mix of clouds and cirrus

____end____

BY lisapg: Fri Jun 26 00:13:42 GMT 2026

Ben did some general clean up

____end____

GENERAL COMMENT BY lisapg: Fri Jun 26 00:14:51 GMT 2026

Clear sky but aerosols were apparent at start up and got worse. Hopefully tomorrow is a better day

____end____

Logger COMMENT BY lisapg: Fri Jun 26 00:14:52 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

____end____