
Mauna Loa Solar Observatory Observer's Log

Wed Oct 07 16:01:18 GMT 2026

Year:26 Doy:280

Observer: lisapg

Weather COMMENT BY lisapg: Wed Oct 07 16:24:40 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-10-07 16:20:00

Temperature : 41.93 deg F

Dew Point : 12.24 deg F

Pressure : 676.9 mbar

Wind Speed : 13.42 mph

Wind Direction : 222.9 deg

Skies: Sky looks clear

____end____

GENERAL COMMENT BY lisapg: Wed Oct 07 16:51:21 GMT 2026

Dome open

____end____

** UCOMP PM lisapg ** : Wed Oct 07 16:51:25 GMT 2026

Blew off UCoMP 01

____end____

** KCOR PM lisapg ** : Wed Oct 07 16:51:40 GMT 2026

Blew off Kcor 01

____end____

Guider/spar COMMENT BY lisapg: Wed Oct 07 16:59:50 GMT 2026

This morning when I got the guider on Sun, the voltage in the SGS GUI started tanking even though the RA and DEC were tracking fine (no oscillation). No idea why the voltage started heading to zero but restarting the SGS GUI did not fix it, nor did completely shutting down labview. After restarting SGS GUI, the spar started to oscillate and swapping from standby to close loop fixed it; this also fixed the guider voltage from tanking as it immediately started to climb again after I verified the oscillation had stopped. No idea what happened or how it got fixed.

____end____

BY lisapg: Wed Oct 07 17:14:25 GMT 2026

Kcor above dome

____end____

Wed Oct 07 17:19:06 GMT 2026 Kcor Focus/alignment program exited

Wed Oct 07 17:19:52 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 17:21:45 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 19:00:17 GMT 2026 KCOR End Patrol

Wed Oct 07 19:00:18 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Oct 07 19:15:33 GMT 2026 KCOR End Calibration Script

Wed Oct 07 19:15:50 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 19:15:50 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Wed Oct 07 20:28:00 GMT 2026

Lower dome closed for 30 mph winds coming from the Southwest.

____end____

Weather COMMENT BY lisapg: Wed Oct 07 21:15:10 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-10-07 21:11:00

Temperature : 56.62 deg F

Dew Point : 16.45 deg F

Pressure : 678.11 mbar

Wind Speed : 29.75 mph

Wind Direction : 252.2 deg

Skies: Cirrus coming in from the South, keeping an eye on it.

____end____

Wed Oct 07 21:26:47 GMT 2026 KCOR End Patrol

Wed Oct 07 21:35:49 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 21:41:11 GMT 2026 KCOR End Patrol

Wed Oct 07 22:45:44 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 22:56:47 GMT 2026 KCOR End Patrol

Wed Oct 07 22:58:35 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 23:11:12 GMT 2026 KCOR End Patrol

Wed Oct 07 23:11:14 GMT 2026 KCOR Start Synoptic Patrol

Wed Oct 07 23:12:43 GMT 2026 KCOR End Patrol

GENERAL COMMENT BY lisapg: Wed Oct 07 23:18:09 GMT 2026

Dome closed; a large amount of particles could be seen coming in the dome slot now that the slot is facing SW. Stopped Kcor and closed the shutter

____end____

KCOR COMMENT BY KCOR: Wed Oct 07 23:29:38 GMT 2026

KCOR file transfer report

KCor created 1400 .bin files

1400 .fts files

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY lisapg: Wed Oct 07 23:30:45 GMT 2026

Clear morning and then in and out of cirrus as the wind picked up. Hope tomorrow is a little calmer, wind wise.

____end____

Logger COMMENT BY lisapg: Wed Oct 07 23:30:46 GMT 2026

Log closed

ONSITE STAFF: lisapg

____end____