
Mauna Loa Solar Observatory Observer's Log

Sun Oct 04 16:01:30 GMT 2026

Year:26 Doy:277

Observer: lisapg

Weather COMMENT BY lisapg: Sun Oct 04 16:14:29 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-10-04 16:11:00

Temperature : 40.39 deg F

Dew Point : 12.38 deg F

Pressure : 680.42 mbar

Wind Speed : 5.59 mph

Wind Direction : 147.0 deg

Skies: Sky looks clear.

____end____

GENERAL COMMENT BY lisapg: Sun Oct 04 16:52:48 GMT 2026

Dome open

____end____

** UCOMP PM lisapg ** : Sun Oct 04 16:52:53 GMT 2026

Blew off UCoMP 01

____end____

** KCOR PM lisapg ** : Sun Oct 04 16:52:57 GMT 2026

Blew off Kcor 01

____end____

KCOR COMMENT BY lisapg: Sun Oct 04 17:13:36 GMT 2026

Kcor above dome

____end____

Sun Oct 04 17:34:16 GMT 2026 Kcor Focus/alignment program exited

Sun Oct 04 17:35:09 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY lisapg: Sun Oct 04 17:38:03 GMT 2026

Spent some time fixing the focus GUI with Ben as the index(row) value had reverted back to zero when it should have been set to 512. This value has been set as the default value now and should not change when the GUI is closed.

____end____

KCOR COMMENT BY lisapg: Sun Oct 04 17:55:16 GMT 2026

Possible movement in the East-Southeast

____end____

Sun Oct 04 19:13:32 GMT 2026 KCOR End Patrol

Sun Oct 04 19:20:15 GMT 2026 Kcor Focus/alignment program exited

Sun Oct 04 19:20:55 GMT 2026 KCOR Start Synoptic Patrol

Sun Oct 04 19:46:12 GMT 2026 KCOR End Patrol

Sun Oct 04 19:46:13 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sun Oct 04 20:01:28 GMT 2026 KCOR End Calibration Script

Sun Oct 04 20:01:45 GMT 2026 KCOR Start Synoptic Patrol

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KCOR COMMENT BY berkey: Sun Oct 04 20:27:19 GMT 2026

A bug was found in the Kcor Focus GUI that resulted in the focus position ending up closer to the detector than it should have. For most focus settings this position end up 1.9mm lower (camera) of the fit position.

It looks like this bug was in place for years; probably explains most if not all of the reason the focus procedure tended to return the wrong result requiring the observer to manually set the focus. A bug fix was applied and the results look correct.

____end____

Sun Oct 04 23:41:47 GMT 2026 KCOR End Patrol

Sun Oct 04 23:41:48 GMT 2026 KCOR End Patrol

Sun Oct 04 23:43:34 GMT 2026 KCOR Start Synoptic Patrol

Sun Oct 04 23:46:21 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Sun Oct 04 23:53:24 GMT 2026

KCOR file transfer report

KCor created 1454 .bin files

1454 .fts files

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY lisapg: Sun Oct 04 23:53:51 GMT 2026

Dome closed for low clouds coming in fast.

____end____

BY lisapg: Sun Oct 04 23:59:17 GMT 2026

A nice day today; aerosols got heavy as time went on and then fog/clouds came in.

____end____

Logger COMMENT BY lisapg: Sun Oct 04 23:59:19 GMT 2026

Log closed

ONSITE STAFF: lisapg

____end____