
Mauna Loa Solar Observatory Observer's Log

Wed May 13 16:32:13 GMT 2026

Year:26 Doy:133

Observer: lisapg

Weather COMMENT BY lisapg: Wed May 13 16:49:40 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-13 16:44:00

Temperature : 48.51 deg F

Dew Point : 1.04 deg F

Pressure : 679.32 mbar

Wind Speed : 7.38 mph

Wind Direction : 144.7 deg

Skies: Sky is clear to the North but there is scattered cirrus currently in the path of the Sun. Haze is at about 10,000 ft at present. Waiting for better conditions before starting up.

____end____

GENERAL COMMENT BY lisapg: Wed May 13 16:59:07 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Wed May 13 16:59:12 GMT 2026

Blew off Kcor 01

____end____

Wed May 13 17:31:51 GMT 2026 Kcor Focus/alignment program exited

Wed May 13 17:35:41 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Wed May 13 17:36:01 GMT 2026

MLO Current Weather

Skies: Passing cloud as we started up. Should be good for a little bit.

____end____

Weather COMMENT BY lisapg: Wed May 13 17:47:03 GMT 2026

MLO Current Weather

Skies: Going in and out of brightness.

____end____

Wed May 13 17:47:34 GMT 2026 KCOR End Patrol

Wed May 13 17:49:52 GMT 2026 KCOR Start Synoptic Patrol

Wed May 13 17:50:23 GMT 2026 KCOR End Patrol

Wed May 13 17:50:36 GMT 2026 KCOR End Patrol

KCOR COMMENT BY lisapg: Wed May 13 17:52:41 GMT 2026

Kcor stopped for a long band of passing cirrus

____end____

Wed May 13 18:31:21 GMT 2026 KCOR Start Synoptic Patrol

Wed May 13 18:33:08 GMT 2026 KCOR End Patrol

Wed May 13 18:33:20 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Wed May 13 18:34:21 GMT 2026

MLO Current Weather

Skies: Sucker hole, Kcor stopped again.

____end____

Wed May 13 19:04:17 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Wed May 13 19:07:13 GMT 2026

Jay And Rebecca are on site

____end____

Wed May 13 19:08:32 GMT 2026 KCOR End Patrol

Wed May 13 19:08:35 GMT 2026 KCOR End Patrol

Wed May 13 19:10:21 GMT 2026 KCOR Start Synoptic Patrol

Wed May 13 19:11:16 GMT 2026 KCOR End Patrol

Wed May 13 19:11:21 GMT 2026 KCOR End Patrol

Wed May 13 19:13:39 GMT 2026 KCOR Start Synoptic Patrol

Wed May 13 19:25:43 GMT 2026 KCOR End Patrol

Wed May 13 19:25:46 GMT 2026 KCOR End Patrol

Wed May 13 19:27:49 GMT 2026 KCOR Start Synoptic Patrol

Wed May 13 19:31:38 GMT 2026 KCOR End Patrol

Wed May 13 19:31:50 GMT 2026 KCOR End Patrol

Wed May 13 19:31:52 GMT 2026 KCOR Start Synoptic Patrol

Wed May 13 19:55:10 GMT 2026 KCOR End Patrol

Wed May 13 19:55:11 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed May 13 20:10:22 GMT 2026 KCOR End Calibration Script
 Wed May 13 20:10:39 GMT 2026 KCOR Start Synoptic Patrol
 Wed May 13 20:10:40 GMT 2026 KCOR Start Synoptic Patrol
 Wed May 13 20:22:11 GMT 2026 KCOR End Patrol
 Wed May 13 20:22:25 GMT 2026 KCOR End Patrol
 Weather COMMENT BY lisapg: Wed May 13 20:25:29 GMT 2026
 MLO Current Weather
 Timestamp (UTC): 2026-05-13 20:20:00
 Temperature : 55.72 deg F
 Dew Point : 28.33 deg F
 Pressure : 680.59 mbar
 Wind Speed : 5.59 mph
 Wind Direction : 287.4 deg
 Skies: Currently in the edge of a band of cirrus at present; Kcor stopped for now.
 ____end____
 Wed May 13 20:58:31 GMT 2026 KCOR Start Synoptic Patrol
 Wed May 13 21:51:28 GMT 2026 KCOR End Patrol
 Wed May 13 21:51:37 GMT 2026 KCOR End Patrol
 Weather COMMENT BY lisapg: Wed May 13 21:55:49 GMT 2026
 MLO Current Weather
 Timestamp (UTC): 2026-05-13 21:50:00
 Temperature : 54.91 deg F
 Dew Point : 41.21 deg F
 Pressure : 680.53 mbar
 Wind Speed : 13.65 mph
 Wind Direction : 337.6 deg
 Skies: Clouds are coming up from Saddle and from the East; Kcor idled for now.
 ____end____
 Wed May 13 21:58:22 GMT 2026 KCOR Start Synoptic Patrol
 Wed May 13 22:45:31 GMT 2026 KCOR End Patrol
 Wed May 13 22:45:39 GMT 2026 KCOR End Patrol
 KCOR COMMENT BY berkey: Wed May 13 23:10:39 GMT 2026 entry was edited
 Added an experimental quicklook calibration to the Kcor observing code, based on testing this should give us the ability to see if the polarization is in the correct state in realtime. I think we should also be able tell the number of "polarization" hops (1,2 or 3) from the quicklook data and report if the issue effects one or both cameras.

 So far testing has been offline, with unit tests on another device and a full up integration test with the lens cover in. Tomorrow we should be able to give a real test.
 ____end____
 KCOR COMMENT BY KCOR: Wed May 13 23:20:41 GMT 2026
 KCOR file transfer report
 KCor created 840 .bin files
 834 .fts files
 NOTICE ? 6 .bin file(s) with no matching .fts:
 20260513_175059_kcor.bin
 20260513_183358_kcor.bin
 20260513_202318_kcor.bin
 20260513_215418_kcor.bin
 20260513_224734_kcor.bin
 20260513_230109_kcor.bin
 Remote site is complete ? no rsync required.

 ____end____
 ** GENERAL PM lisapg ** : Thu May 14 00:28:51 GMT 2026
 Jay completed the PSPT dome skirting today. Thank you!
 ____end____
 GENERAL COMMENT BY lisapg: Thu May 14 00:30:39 GMT 2026
 Cirrus at start up but was able to get some data throughout the day. Aerosols came up a round 10 am HST and we were in and out of cirrus throughout the day. Hope tomorrow is a better day.
 ____end____
 Logger COMMENT BY lisapg: Thu May 14 00:30:46 GMT 2026
 Log closed
 ONSITE STAFF: berkey, lisapg, Rebecca, Jay
 ____end____