
Mauna Loa Solar Observatory Observer's Log

Mon Jun 22 16:03:13 GMT 2026

Year:26 Doy:173

Observer: lisapg

GENERAL COMMENT BY lisapg: Mon Jun 22 16:21:25 GMT 2026

Very small earthquake, nothing out of place at the observatory
____end____

Weather COMMENT BY lisapg: Mon Jun 22 16:40:36 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-22 16:35:00

Temperature : 46.14 deg F

Dew Point : -1.08 deg F

Pressure : 680.15 mbar

Wind Speed : 3.13 mph

Wind Direction : 175.1 deg

Skies: Sky looks clear with a light haze at about 10,000 - 11,000 ft.

____end____

GENERAL COMMENT BY lisapg: Mon Jun 22 16:40:48 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Mon Jun 22 16:40:54 GMT 2026

Blew off Kcor 01

____end____

KCOR COMMENT BY lisapg: Mon Jun 22 16:50:41 GMT 2026

Kcor above the dome

____end____

Mon Jun 22 16:52:06 GMT 2026 SGS Alignment complete

Mon Jun 22 16:53:14 GMT 2026 Kcor Focus/alignment program exited

Mon Jun 22 16:54:13 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PM lisapg ** : Mon Jun 22 17:04:25 GMT 2026

Blew off Kcor 01 to try and address the bullet hole in the South

____end____

Mon Jun 22 19:48:46 GMT 2026 KCOR End Patrol

Mon Jun 22 19:48:47 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jun 22 20:04:02 GMT 2026 KCOR End Calibration Script

Mon Jun 22 20:04:19 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 22 20:04:20 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 22 20:53:24 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Mon Jun 22 20:55:21 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-22 20:50:00

Temperature : 55.42 deg F

Dew Point : 32.91 deg F

Pressure : 681.12 mbar

Wind Speed : 16.55 mph

Wind Direction : 12.7 deg

Skies: Aerosols are getting pretty heavy; going to shut down KCor to do a wash while we still have clear sky.

____end____

** KCOR PM lisapg ** : Mon Jun 22 22:51:49 GMT 2026 entry was edited

Washed Kcor 01

The results seem uncertain due to the high aerosol. There was a spot that was hard to get rid of, so we used a small amount of isopropyl alcohol and then a soap rinse with a water flush. Unfortunately, this did not remove the spot we had a hard time with. Tomorrow with better skies, we should be able to asses better if the wash helped in general and with the vertical fringes we were seeing.

____end____

Mon Jun 22 22:58:56 GMT 2026 Kcor Focus/alignment program exited

Mon Jun 22 22:59:59 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 22 23:12:18 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Mon Jun 22 23:16:29 GMT 2026

KCOR file transfer report

KCor created 1002 .bin files

1000 .fts files

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

20260622_205333_kcor.bin

20260622_231242_kcor.bin

Remote site is complete ? no rsync required.

___end___

GENERAL COMMENT BY lisapg: Mon Jun 22 23:39:43 GMT 2026

Clear morning with aerosols, however aerosols got really heavy and unfortunately we couldn't tell if the KCor O1 wash helped. Hopefully tomorrow is a better day.

___end___

Logger COMMENT BY berkey: Mon Jun 22 23:45:50 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

___end___