
Mauna Loa Solar Observatory Observer's Log

Sat Jun 20 16:27:45 GMT 2026

Year:26 Doy:171

Observer: lisapg

Weather COMMENT BY lisapg: Sat Jun 20 16:31:49 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-20 16:26:00

Temperature : 44.77 deg F

Dew Point : 15.22 deg F

Pressure : 682.63 mbar

Wind Speed : 7.16 mph

Wind Direction : 222.2 deg

Skies: Sky is clear above the observatory with a haze/vog at about 14,000 ft. Sky looks a little bright where the Sun is at present but should be good to go other wise.

____end____

** KCOR PM mcotter ** : Sat Jun 20 16:31:56 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY mcotter: Sat Jun 20 16:32:05 GMT 2026

Dome open

____end____

GENERAL COMMENT BY mcotter: Sat Jun 20 16:38:52 GMT 2026

Opened windows upstairs

____end____

KCOR COMMENT BY lisapg: Sat Jun 20 16:50:17 GMT 2026 entry was edited

Kcor above dome

____end____

Sat Jun 20 16:51:37 GMT 2026 SGS Alignment complete

Sat Jun 20 16:52:42 GMT 2026 Kcor Focus/alignment program exited

Sat Jun 20 16:54:17 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Sat Jun 20 16:55:39 GMT 2026 entry was edited

MLO Current Weather

Skies: Aerosols can be seen at present and the sky doesn't look great but otherwise, we 're taking data.

____end____

Sat Jun 20 17:04:23 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 17:31:38 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY lisapg ** : Sat Jun 20 17:32:20 GMT 2026 entry was edited

Kcor circular acquisition error. One bad frame at 173201

____end____

Sat Jun 20 17:36:48 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Sat Jun 20 18:27:45 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-20 18:23:00

Temperature : 54.66 deg F

Dew Point : 19.28 deg F

Pressure : 683.44 mbar

Wind Speed : 5.37 mph

Wind Direction : 322.4 deg

Skies: Sky is getting bright

____end____

Sat Jun 20 19:00:18 GMT 2026 KCOR End Patrol

Sat Jun 20 19:00:19 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jun 20 19:15:34 GMT 2026 KCOR End Calibration Script

Sat Jun 20 19:15:51 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 19:15:52 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY lisapg: Sat Jun 20 20:15:44 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-20 20:11:00

Temperature : 56.66 deg F

Dew Point : 27.84 deg F

Pressure : 683.66 mbar

Wind Speed : 8.72 mph

Wind Direction : 324.4 deg

Skies: Aerosols are picking up but brightness has gone down.

____end____

Weather COMMENT BY lisapg: Sat Jun 20 21:34:03 GMT 2026

MLO Current Weather

Skies: Clouds are starting to pop up over Mauna Loas shoulder in the East, West and South with more forming in Saddle. Keeping a close eye on them.

____end____

** KCOR PROBLEM REPORTED BY lisapg ** : Sat Jun 20 21:39:31 GMT 2026

Kcor circular acquisition error

____end____

Sat Jun 20 21:40:34 GMT 2026 KCOR Start Synoptic Patrol

Solar Event COMMENT BY lisapg: Sat Jun 20 22:16:28 GMT 2026

Seeing some motion on the E-SE limb.

____end____

GENERAL COMMENT BY lisapg: Sat Jun 20 22:35:53 GMT 2026

Dome moved manually

____end____

Weather COMMENT BY lisapg: Sat Jun 20 23:09:38 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-20 23:05:00

Temperature : 55.38 deg F

Dew Point : 36.19 deg F

Pressure : 683.34 mbar

Wind Speed : 8.72 mph

Wind Direction : 312.5 deg

Skies: Clouds are starting to come up in the Suns path, keeping a close eye on things.

____end____

Sat Jun 20 23:15:45 GMT 2026 KCOR End Patrol

Sat Jun 20 23:15:58 GMT 2026 KCOR End Patrol

Sat Jun 20 23:16:00 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 23:16:07 GMT 2026 KCOR End Patrol

Sat Jun 20 23:16:44 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 23:18:14 GMT 2026 KCOR End Patrol

Weather COMMENT BY lisapg: Sat Jun 20 23:18:52 GMT 2026

MLO Current Weather

Skies: Big cloud crossing, Kcor idled for now

____end____

Sat Jun 20 23:20:37 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 23:22:56 GMT 2026 KCOR End Patrol

Sat Jun 20 23:23:02 GMT 2026 KCOR End Patrol

Sat Jun 20 23:26:26 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 23:32:20 GMT 2026 KCOR End Patrol

Sat Jun 20 23:32:24 GMT 2026 KCOR End Patrol

Sat Jun 20 23:36:28 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 23:40:31 GMT 2026 KCOR End Patrol

Sat Jun 20 23:40:44 GMT 2026 KCOR End Patrol

Sat Jun 20 23:44:54 GMT 2026 KCOR Start Synoptic Patrol

Sat Jun 20 23:48:31 GMT 2026 KCOR End Patrol

Sat Jun 20 23:48:35 GMT 2026 KCOR End Patrol

Sat Jun 20 23:53:12 GMT 2026 KCOR Start Synoptic Patrol

Sun Jun 21 00:08:01 GMT 2026 KCOR End Patrol

Sun Jun 21 00:08:04 GMT 2026 KCOR End Patrol

KCOR COMMENT BY KCOR: Sun Jun 21 00:10:21 GMT 2026

KCOR file transfer report

KCor created 1720 .bin files

1715 .fts files

NOTICE ? 5 .bin file(s) with no matching .fts:

20260620_170318_kcor.bin

20260620_173018_kcor.bin

20260620_173216_kcor.bin

20260620_213916_kcor.bin

20260621_000945_kcor.bin

Remote site is complete ? no rsync required.

____end____

Weather COMMENT BY lisapg: Sun Jun 21 00:13:50 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-21 00:11:00

Temperature : 56.61 deg F

Dew Point : 42.37 deg F

Pressure : 682.94 mbar

Wind Speed : 11.18 mph

Wind Direction : 359.3 deg

Skies: Clouds have come in and are staying for good.

____end____

GENERAL COMMENT BY mcotter: Sun Jun 21 00:14:55 GMT 2026

Dome closed

____end____

GENERAL COMMENT BY lisapg: Sun Jun 21 00:16:38 GMT 2026

Not a great start to the day but thankfully the sky started to look better, despite the aerosols picking up. Hopefully tomorrow is a better day.

____end____

Logger COMMENT BY lisapg: Sun Jun 21 00:16:42 GMT 2026

Log closed

ONSITE STAFF: lisapg, mcotter

____end____