
Mauna Loa Solar Observatory Observer's Log

Mon Jun 15 16:00:41 GMT 2026

Year:26 Doy:166

Observer: lisapg

Weather COMMENT BY lisapg: Mon Jun 15 16:16:25 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-15 16:11:00

Temperature : 44.25 deg F

Dew Point : -2.4 deg F

Pressure : 679.48 mbar

Wind Speed : 5.59 mph

Wind Direction : 190.3 deg

Skies: Sky looks clear, if a little bright. Thick haze at about 8,000 ft with a thinner haze at about 11,000 ft.

____end____

Mon Jun 15 16:53:01 GMT 2026 SGS Alignment complete

GENERAL COMMENT BY lisapg: Mon Jun 15 16:53:34 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Mon Jun 15 16:53:39 GMT 2026

Blew off Kcor 01

____end____

Mon Jun 15 16:54:19 GMT 2026 Kcor Focus/alignment program exited

Mon Jun 15 16:56:00 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY lisapg ** : Mon Jun 15 17:09:29 GMT 2026

Kcor circular acquisition error

____end____

Mon Jun 15 17:10:24 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 15 18:19:35 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Mon Jun 15 18:27:49 GMT 2026

The kcor alignment algorithm with 80 points was oscillating/hunting which was causing rocking under the occulter, so the number of tracks was reduced to 5 as a temporary solution since it seems the algorithm probably needs some sort of dampening/derivative gain.

____end____

Mon Jun 15 19:36:11 GMT 2026 KCOR End Patrol

Mon Jun 15 19:36:12 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Jun 15 19:51:26 GMT 2026 KCOR End Calibration Script

Mon Jun 15 19:51:43 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 15 19:51:44 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 15 20:24:45 GMT 2026 KCOR Start Synoptic Patrol

Mon Jun 15 21:18:40 GMT 2026 KCOR End Patrol

Mon Jun 15 21:18:46 GMT 2026 KCOR End Patrol

Weather COMMENT BY berkey: Mon Jun 15 21:52:05 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-06-15 21:47:00

Temperature : 54.95 deg F

Dew Point : 37.9 deg F

Pressure : 680.64 mbar

Wind Speed : 9.84 mph

Wind Direction : 48.3 deg

Skies: Clouds coming up from Saddle, KCor idled for now.

____end____

KCOR COMMENT BY KCOR: Mon Jun 15 21:57:16 GMT 2026

KCOR file transfer report

KCor created 1169 .bin files

1164 .fts files

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

20260615_170920_kcor.bin

20260615_181705_kcor.bin

20260615_202325_kcor.bin

20260615_211941_kcor.bin

20260615_215600_kcor.bin

Remote site is complete ? no rsync required.

____end____

** UCOMP PROBLEM REPORTED BY berkey ** : Tue Jun 16 01:40:11 GMT 2026

ucomp hardware changes

UCoMP computer stopped seeing its data drive. Given power constraints at MLSO preventing limited the hours of available power I am going to take the computer off the mountain for further troubleshooting and working with CSMT.

____end____

Logger COMMENT BY berkey: Tue Jun 16 01:40:12 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

____end____