
Mauna Loa Solar Observatory Observer's Log

Thu Jul 23 17:10:37 GMT 2026

Year:26 Doy:204

Observer: berkey

Thu Jul 23 17:12:49 GMT 2026 Kcor Focus/alignment program exited

Weather COMMENT BY berkey: Thu Jul 23 17:14:13 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-23 17:08:00

Temperature : 55.13 deg F

Dew Point : -5.28 deg F

Pressure : 680.96 mbar

Wind Speed : 17.45 mph

Wind Direction : 152.6 deg

Skies: Clear

____end____

Thu Jul 23 17:14:53 GMT 2026 KCOR Start Synoptic Patrol

** KCOR PROBLEM REPORTED BY berkey ** : Thu Jul 23 17:33:36 GMT 2026

Kcor circular acquisition error occurred at 17:26:33 data were in the wrong state until 17:16:41

____end____

Thu Jul 23 17:46:56 GMT 2026 KCOR Start Synoptic Patrol

Thu Jul 23 19:25:21 GMT 2026 KCOR End Patrol

Thu Jul 23 19:25:22 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Jul 23 19:40:21 GMT 2026 KCOR End Calibration Script

Thu Jul 23 19:40:38 GMT 2026 KCOR Start Synoptic Patrol

Thu Jul 23 19:40:39 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Jul 23 21:04:35 GMT 2026

weather report Wind is bring visible dust particles in the web cam images (as well as data).

____end____

Weather COMMENT BY berkey: Thu Jul 23 21:10:03 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-23 21:05:00

Temperature : 65.07 deg F

Dew Point : -11.7 deg F

Pressure : 682.02 mbar

Wind Speed : 14.32 mph

Wind Direction : 93.9 deg

Skies: clear, wind seems under reported some spar oscillations causing minor tracking issues.

____end____

Thu Jul 23 22:36:03 GMT 2026 Kcor Focus/alignment program exited

KCOR COMMENT BY KCOR: Thu Jul 23 22:37:03 GMT 2026

KCOR file transfer report

KCor created 1214 .bin files

1212 .fts files

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

20260723_173222_kcor.bin

20260723_222152_kcor.bin

Remote site is complete ? no rsync required.

____end____

GENERAL COMMENT BY berkey: Thu Jul 23 22:42:43 GMT 2026

Check the kcor shutter this morning, the images looked properly dark. But then this afternoon around zenith (might be relevant) the darks looked to have structures which would change if the lens cover was moved in or out. Visual inspection of the dark shutter showed the leaves to be closed with not obvious pin hole or other issue, but light was quite clearly getting through it.

____end____

Logger COMMENT BY berkey: Thu Jul 23 22:42:44 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____