
Mauna Loa Solar Observatory Observer's Log

Thu Jul 02 16:48:47 GMT 2026

Year:26 Doy:183

Observer: berkey

Weather COMMENT BY berkey: Thu Jul 02 16:49:19 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-02 16:44:00

Temperature : 45.84 deg F

Dew Point : 19.76 deg F

Pressure : 680.05 mbar

Wind Speed : 2.91 mph

Wind Direction : 253.7 deg

Skies: clear

____end____

Thu Jul 02 17:04:30 GMT 2026 Kcor Focus/alignment program exited

Thu Jul 02 17:07:32 GMT 2026 KCOR Start Synoptic Patrol

Thu Jul 02 19:12:58 GMT 2026 KCOR End Patrol

Thu Jul 02 19:12:59 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu Jul 02 19:27:53 GMT 2026 KCOR End Calibration Script

Thu Jul 02 19:28:10 GMT 2026 KCOR Start Synoptic Patrol

Thu Jul 02 19:28:11 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jul 02 20:45:16 GMT 2026

Kcor realtime software

Attempting to send kcor sgs updates from the exponential moving average code to see if it is less noisy then the current averaging code. Both are calculating in parallel and the exponential moving average appears to follow the other calculations but significantly less image to image noise.

____end____

Weather COMMENT BY berkey: Thu Jul 02 21:07:03 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-02 20:50:00

Temperature : 53.89 deg F

Dew Point : 36.66 deg F

Pressure : 680.41 mbar

Wind Speed : 8.05 mph

Wind Direction : 324.9 deg

Skies: low clouds blowing up on site.

____end____

GENERAL COMMENT BY berkey: Thu Jul 02 21:27:13 GMT 2026

Dome closed

____end____

KCOR COMMENT BY KCOR: Thu Jul 02 21:39:44 GMT 2026

KCOR file transfer report

KCor created 1008 .bin files

1006 .fts files

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

20260702_203922_kcor.bin

20260702_212144_kcor.bin

Remote site is complete ? no rsync required.

____end____

Logger COMMENT BY berkey: Fri Jul 03 06:49:10 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____