
Mauna Loa Solar Observatory Observer's Log

Wed Jul 22 16:08:15 GMT 2026

Year:26 Doy:203

Observer: lisapg

Weather COMMENT BY lisapg: Wed Jul 22 16:18:11 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-22 16:14:00

Temperature : 41.13 deg F

Dew Point : 9.72 deg F

Pressure : 679.65 mbar

Wind Speed : 6.04 mph

Wind Direction : 184.5 deg

Skies: Sky looks clear, if a little bright. Haze at about 10,000 ft
____end____

GENERAL COMMENT BY lisapg: Wed Jul 22 16:39:18 GMT 2026

Dome open

____end____

** KCOR PM lisapg ** : Wed Jul 22 16:39:22 GMT 2026

Blew off Kcor 01

____end____

GENERAL COMMENT BY lisapg: Wed Jul 22 16:59:04 GMT 2026

Kcor above dome

____end____

Wed Jul 22 17:01:03 GMT 2026 Kcor Focus/alignment program exited

Wed Jul 22 17:01:57 GMT 2026 KCOR Start Synoptic Patrol

GENERAL COMMENT BY lisapg: Wed Jul 22 18:29:27 GMT 2026

Our update-data code and the NRGF animator were not working this morning. Checking the code and the files on array7 revealed that it hadn't been updating the folders there. When I finally checked tank, I found all the current files and today's NRGFs. I changed our update-data code to point to tank instead of array7 and that fixed our problem. Thank you for all the help Mike!

____end____

Wed Jul 22 19:31:48 GMT 2026 KCOR End Patrol

Wed Jul 22 19:31:49 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jul 22 19:46:46 GMT 2026 KCOR End Calibration Script

Wed Jul 22 19:47:03 GMT 2026 KCOR Start Synoptic Patrol

Wed Jul 22 19:47:04 GMT 2026 KCOR Start Synoptic Patrol

Wed Jul 22 20:43:26 GMT 2026 Kcor Focus/alignment program exited

Wed Jul 22 20:44:33 GMT 2026 KCOR Start Synoptic Patrol

Wed Jul 22 22:25:14 GMT 2026 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Wed Jul 22 22:30:08 GMT 2026 entry was edited

Dome closed

Starting kcor camera temp engineering.

____end____

KCOR COMMENT BY KCOR: Thu Jul 23 00:33:14 GMT 2026

KCOR file transfer report

KCor created 1285 .bin files

1283 .fts files

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

20260722_221459_kcor.bin

20260722_235339_kcor.bin

WARNING 61 fts file(s) found locally that was not transferred down

ACTION must be taken to copy:

20260722_234850_kcor.fts

20260722_234906_kcor.fts

20260722_234921_kcor.fts

20260722_234936_kcor.fts

20260722_234951_kcor.fts

20260722_235006_kcor.fts

20260722_235022_kcor.fts

20260722_235037_kcor.fts

20260722_235052_kcor.fts

20260722_235107_kcor.fts

20260722_235122_kcor.fts
20260722_235138_kcor.fts
20260722_235153_kcor.fts
20260722_235208_kcor.fts
20260722_235223_kcor.fts
20260722_235238_kcor.fts
20260722_235253_kcor.fts
20260722_235309_kcor.fts
20260722_235324_kcor.fts
20260723_001155_kcor.fts
20260723_001210_kcor.fts
20260723_001226_kcor.fts
20260723_001241_kcor.fts
20260723_001256_kcor.fts
20260723_001311_kcor.fts
20260723_001326_kcor.fts
20260723_001341_kcor.fts
20260723_001357_kcor.fts
20260723_001412_kcor.fts
20260723_001427_kcor.fts
20260723_001442_kcor.fts
20260723_001457_kcor.fts
20260723_001512_kcor.fts
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20260723_002016_kcor.fts
20260723_002031_kcor.fts
20260723_002046_kcor.fts
20260723_002101_kcor.fts
20260723_002117_kcor.fts
20260723_002132_kcor.fts
20260723_002147_kcor.fts
20260723_002202_kcor.fts
20260723_002217_kcor.fts

____end____

KCOR COMMENT BY berkey: Thu Jul 23 01:24:48 GMT 2026
Kcor realtime software.

Working a solution to allow capturing Kcor camera temperatures while capturing L0 data.

This looks possible, but we struggling to reliability open the cameralink serial connection. About 50% something goes wrong opening the port; leading to the temp calls to return 0's instead of the actual temps. More engineering is needed to figure out how to address this.

NOTE: At one point socketcam was restarted with the serial communication acting up, this meant the RCAM ID in this data was 0 instead of the actual ID, this lead to some error in the realtime pipeline.

____end____

Logger COMMENT BY berkey: Thu Jul 23 01:25:56 GMT 2026
Log closed

ONSITE STAFF: berkey, lisapg
____end____