
Mauna Loa Solar Observatory Observer's Log

Wed Aug 05 16:05:43 GMT 2026

Year:26 Doy:217

Observer: berkey

Weather COMMENT BY berkey: Wed Aug 05 16:08:01 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-05 16:02:00

Temperature : 39.05 deg F

Dew Point : 20.29 deg F

Pressure : 680.79 mbar

Wind Speed : 3.36 mph

Wind Direction : 207.2 deg

Skies: Besides 1 band of cirrus, sky looks clear above. Cirrus on the Eastern horizon and in the West and Southwest with vog/haze at about 14,000 ft + with it thick below 10,000 ft.

____end____

GENERAL COMMENT BY lisapg: Wed Aug 05 17:46:40 GMT 2026

Start up was delayed as battery was below 30% and not charging when observers came in.

____end____

** KCOR PROBLEM REPORTED BY lisapg ** : Wed Aug 05 17:55:26 GMT 2026 entry was edited
KCor labview is giving an undefined error when the Focus GUI or the Synoptic GUI is opened. Followed by other errors:

Error 8601 occurred at Photonforcus_Toolkit.lvlib:pf_Get_Error_msg.vi:190039

This error code is undefined. Undefined errors might occur for a number of reasons. For example, no one has provided a description for the code. or you might have wired a number that is not an error code to the error code input.

Additionally, undefined error codes might occur because the error relates to a third-party object, such as the operating system or ActiveX. For these third-party errors, you might be able to obtain a description of the error by searching the Web for the error code (8601) or for its hexadecimal representation(0x00002199)

Error 1 occurred at the Dequeue Element in Focus-median image.vi

Possible reasons: LABVIEW An input parameter is invalid. For example if the input is a path, the path might contain a character not allowed by the OS such as ? or @

An error has occurred in the current application

Source file: BFBrdUshr.c

Line-Number 1139

Error Code 4292

Error Text Board already opened in this process

____end____

KCOR COMMENT BY lisapg: Wed Aug 05 18:44:39 GMT 2026

Since the first error was concerned with the Photon Focus, first thing to check is the KCor camera. As it turns out, camera 1 power and the shutter was off upstairs in the NE MA box. Turning them back on got things back up and running with no errors.

____end____

Weather COMMENT BY lisapg: Wed Aug 05 18:45:07 GMT 2026

MLO Current Weather

Skies: Sky is too bright to take data at present

____end____

Wed Aug 05 18:56:01 GMT 2026 Kcor Focus/alignment program exited

Wed Aug 05 18:57:18 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY KCOR: Wed Aug 05 20:22:10 GMT 2026

KCOR file transfer report

KCor created 326 .bin files

325 .fts files

NOTICE ? 1 .bin file(s) with no matching .fts:

20260805_201908_kcor.bin

Remote site is complete ? no rsync required.

____end____

Weather COMMENT BY lisapg: Wed Aug 05 21:33:56 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-08-05 21:29:00

Temperature : 53.04 deg F
Dew Point : 44.89 deg F
Pressure : 681.9 mbar
Wind Speed : 9.84 mph
Wind Direction : 3.9 deg
Skies: Orographic clouds covering the entire sky at present
____end____

** KCOR PM berkey ** : Wed Aug 05 21:34:04 GMT 2026

Washed Kcor 01

____end____

** KCOR PM ** : Thu Aug 06 02:45:58 GMT 2026

Washed Kcor 01 had difficulty removing some of the haze on the 01 front. We decided to switch over to first contact to try and address this.

During this work clouds rolled in and we got very low of battery power shutting thing d
own. We will peel the first contact in the morning and hopefully get on sky relatively
quickly if that goes well.

____end____

Logger COMMENT BY : Thu Aug 06 02:46:35 GMT 2026

Log closed

ONSITE STAFF: berkey, lisapg

____end____