
Mauna Loa Solar Observatory Observer's Log

Wed Jul 29 16:45:37 GMT 2026

Year:26 Doy:210

Observer: berkey

Weather COMMENT BY berkey: Wed Jul 29 16:47:13 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-29 16:41:00

Temperature : 51.12 deg F

Dew Point : -17.63 deg F

Pressure : 680.94 mbar

Wind Speed : 8.72 mph

Wind Direction : 145.6 deg

Skies: clear above heavy, inversion layer at about 9,000 ft capping a heavy vog layer from last nights Kilauea eruption.

____end____

Wed Jul 29 16:55:18 GMT 2026 Kcor Focus/alignment program exited

** KCOR PROBLEM REPORTED BY berkey ** : Wed Jul 29 16:58:19 GMT 2026

Currently taking a set of kcor "darks" with a obvious light leak.

Doing an open close cycle on the shutter at ~16:57:40 seems to have cleared up the light leak.

____end____

Wed Jul 29 17:03:25 GMT 2026 Kcor Focus/alignment program exited

Wed Jul 29 17:04:45 GMT 2026 KCOR Start Synoptic Patrol

Wed Jul 29 18:47:09 GMT 2026 KCOR End Patrol

Wed Jul 29 18:47:10 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Wed Jul 29 19:02:05 GMT 2026 KCOR End Calibration Script

Wed Jul 29 19:02:22 GMT 2026 KCOR Start Synoptic Patrol

Wed Jul 29 19:02:22 GMT 2026 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Wed Jul 29 19:47:45 GMT 2026

We attempted to swap the kcor O1 with one of the new ones, however on investigation it was found that the new mount does not fit the telescope. Reverted back to the same o1 we were using this morning.

____end____

Wed Jul 29 19:57:23 GMT 2026 Kcor Focus/alignment program exited

Wed Jul 29 19:58:03 GMT 2026 Kcor Focus/alignment program exited

Wed Jul 29 19:59:11 GMT 2026 KCOR Start Synoptic Patrol

Weather COMMENT BY berkey: Wed Jul 29 20:48:16 GMT 2026

Low clouds are here.

____end____

KCOR COMMENT BY KCOR: Wed Jul 29 21:23:44 GMT 2026

KCOR file transfer report

KCor created 0 .bin files

696 .fts files

Remote site is complete ? no rsync required.

____end____

Weather COMMENT BY berkey: Wed Jul 29 22:14:37 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-07-29 22:11:00

Temperature : 54.3 deg F

Dew Point : 46.16 deg F

Pressure : 681.88 mbar

Wind Speed : 9.4 mph

Wind Direction : 347.4 deg

Skies: Heavy clouds with significant SO2 concentrations.

____end____

Logger COMMENT BY berkey: Wed Jul 29 22:14:53 GMT 2026

Log closed

ONSITE STAFF: berkey

____end____