
Mauna Loa Solar Observatory Observer's Log

Wed May 20 19:50:58 GMT 2026

Year:26 Doy:140

Observer: berkey

Weather COMMENT BY berkey: Wed May 20 19:53:13 GMT 2026

MLO Current Weather

Timestamp (UTC): 2026-05-20 19:47:00

Temperature : 48.97 deg F

Dew Point : 36.26 deg F

Pressure : 681.99 mbar

Wind Speed : 8.28 mph

Wind Direction : 82.6 deg

Skies: partly clear

____end____

GENERAL COMMENT BY berkey: Wed May 20 19:55:32 GMT 2026

Power Supply Levels.

Both batteries died last night we are starting to recover charge on the pair, trying to decide if it is worth trying to bring up more systems now.

____end____

** KCOR PM berkey ** : Wed May 20 20:15:00 GMT 2026 entry was edited

Blew off Kcor 01

____end____

Wed May 20 20:29:23 GMT 2026 Kcor Focus/alignment program exited

** KCOR PROBLEM REPORTED BY berkey ** : Wed May 20 21:27:43 GMT 2026

Kcor circular acquisition error

Looks like frames 21:22:46->21:32:32 were effected.

Issues seems to have came in when recovering from global protect drop.

____end____

** GENERAL PROBLEM REPORTED BY berkey ** : Wed May 20 21:28:39 GMT 2026

Internet down Looks like global protect dropped about 20:43:19 and was not recovered again until 21:22:46

____end____

** KCOR PM berkey ** : Wed May 20 21:51:22 GMT 2026

Blew off Kcor 01

____end____

Wed May 20 21:54:20 GMT 2026 Kcor Focus/alignment program exited

** GENERAL PROBLEM REPORTED BY berkey ** : Wed May 20 21:56:47 GMT 2026

Internet down Contractor for NOAA is working on the power feed out the UH network.

____end____

Wed May 20 22:51:40 GMT 2026 Kcor Focus/alignment program exited

** GENERAL PROBLEM REPORTED BY ** : Wed May 20 22:51:47 GMT 2026

Power outage The Kcor extension cord came out of the Ecoflow plug. New recovering from the outage after rebooting.

____end____

** GENERAL PROBLEM REPORTED BY ** : Wed May 20 23:03:10 GMT 2026

Internet down Looks like NOAA re-powered the network while I was recovering kcor.

____end____

** GENERAL PROBLEM REPORTED BY ** : Wed May 20 23:42:15 GMT 2026

Dome Occulted SGS telescope and we lost guiding.

____end____

Wed May 20 23:47:44 GMT 2026 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Thu May 21 00:03:00 GMT 2026 KCOR End Calibration Script

KCOR COMMENT BY : Thu May 21 01:00:17 GMT 2026

kcor started running a kcor dark test at 00:47:24. Going to let it run a bit longer.

____end____

KCOR COMMENT BY KCOR: Thu May 21 01:30:45 GMT 2026

KCOR file transfer report

KCor created 929 .bin files

918 .fts files

NOTICE ? 11 .bin file(s) with no matching .fts:

20260520_212332_kcor.bin

20260520_214409_kcor.bin

20260520_220022_kcor.bin
20260520_233203_kcor.bin
20260520_233552_kcor.bin
20260520_233607_kcor.bin
20260521_001003_kcor.bin
20260521_001342_kcor.bin
20260521_002414_kcor.bin
20260521_003130_kcor.bin
20260521_013009_kcor.bin

Remote site is complete ? no rsync required.

____end____

KCOR COMMENT BY : Thu May 21 01:35:22 GMT 2026

Kcor dark tests lasted about 45 minutes

____end____

GENERAL COMMENT BY : Thu May 21 01:36:54 GMT 2026

Inverters were mounted to the wall today and 38 (of 80) panels have been mounted

____end____

Logger COMMENT BY : Thu May 21 01:36:54 GMT 2026

Log closed

ONSITE STAFF: berkey, Jay from facilities, EPC

____end____