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Mauna Loa Solar Observatory Observer's Log
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Wed Oct 14 15:43:53 GMT 2026
Year:26 Doy:287
Observer: lisapg
GENERAL COMMENT BY lisapg: Wed Oct 14 15:52:34 GMT 2026
For some reason, the log did not send out properly yesterday at the end of day. Made su
re it got sent to Boulder and resent it out via email.
___end___
** KCOR PROBLEM REPORTED BY lisapg ** : Wed Oct 14 15:59:00 GMT 2026 entry was edited
KCor computer seems to have restarted during the night and was stuck on the "Please cha
nge 'Onboard Video Option ROM' setup item to 'Legacy' for Legacy OS." screen. The compu
ter wasn't responding to any input, so did a hard reboot. This did not help as the comp
uter is stuck on the same screen again.
___end___
Weather COMMENT BY lisapg: Wed Oct 14 16:19:00 GMT 2026
MLO Current Weather
Timestamp (UTC): 2026-10-14 16:14:00
Temperature    : 35.5  deg F
Dew Point      : 15.64  deg F
Pressure       : 679.0 mbar
Wind Speed     : 0.67 mph
Wind Direction : 230.5  deg
Skies: Sky looks clear with a thin haze at about 11,000 ft. A bit of frost on the road
coming up and some ice on the lanai this morning.
___end___
** KCOR PROBLEM REPORTED BY lisapg ** : Wed Oct 14 16:22:51 GMT 2026
Have sent out an email to Tom Sevings to help with the KCor computer issue. Will not be
 able to take data until this is resolved.
___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 17:11:44 GMT 2026
Was contacted by Steven Johnston; the concrete pour team should be up between 9 am-930
am today as it's the first time the driver has traveled up our road. If all goes well t
oday, three concrete trucks will be up tomorrow and then next week Tuesday, which shoul
d be all the concrete pouring for the high sampling tower but we should receive updates
 as things change.
___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 17:13:11 GMT 2026 entry was edited
Construction crew on site, prepping for when the concrete truck comes in.
___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 19:04:40 GMT 2026
Concrete truck has arrived
___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 19:12:45 GMT 2026
Dome open
___end___
** UCOMP PM lisapg ** : Wed Oct 14 19:12:49 GMT 2026
Blew off UCoMP O1
___end___
** KCOR PM lisapg ** : Wed Oct 14 19:12:52 GMT 2026
Blew off Kcor O1
___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 19:14:20 GMT 2026
Currently the construction crew is in a holding pattern and no dust is being kicked up
at present. Lots of aerosols can be seen in the air however.
___end___
Wed Oct 14 19:18:37 GMT 2026 Kcor Focus/alignment program exited
Wed Oct 14 19:19:32 GMT 2026 KCOR Start Synoptic Patrol
Wed Oct 14 19:31:45 GMT 2026 KCOR End  Patrol
  BY lisapg: Wed Oct 14 19:32:32 GMT 2026
Concrete operations have commenced; they're driving slow enough at present that I'm not
 seeing any dust kick up in the dome but going to close up to be safe.
___end___
Weather COMMENT BY lisapg: Wed Oct 14 20:39:40 GMT 2026
MLO Current Weather
Skies: Going in and out of clouds coming up from the West.

___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 22:33:32 GMT 2026
Concrete operations has concluded and construction crew heading out.
___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 22:33:58 GMT 2026
Unfortunately, we are currently clouded out at present.
___end___
KCOR COMMENT BY lisapg: Wed Oct 14 22:45:18 GMT 2026 entry was edited
KCor computer problem: seems the computer ran an update yesterday and did a restart aft
er hours. Tom thinks that the update might have broken how the computer was booting up:
 before, it was trying and failing to boot into Legacy and then would boot into EFI; af
ter the update, it would hang when failing to boot into Legacy. Not too sure how it all
 works but I think that's the gist. He had me go into the BIOS and do the change that t
he computer was asking for: "Please change 'Onboard Video Option ROM' setup item to 'Le
gacy' for Legacy OS" and see if that fixed the hanging. This switch over was saved and
the computer came up with no problems. I was able to get a little bit of data and verif
ied that this didn't break our normal operations, for now.

As a precaution, Tom also had me turn off automatic updates in general for the KCor com
puter so this doesn't happen again. He recommended that we check for updates once a mon
th and then apply them when it's convenient for us and we are there in case something e
lse breaks after the update.
___end___
KCOR COMMENT BY KCOR: Wed Oct 14 23:54:54 GMT 2026
KCOR file transfer report
KCor created  50 .bin files
50 .fts files
  Remote site is complete ? no rsync required.

___end___
GENERAL COMMENT BY lisapg: Wed Oct 14 23:59:55 GMT 2026
Unfortunately not much data today. Hope tomorrow is better.
___end___
Logger COMMENT BY lisapg: Thu Oct 15 00:00:12 GMT 2026
Log closed
ONSITE STAFF: lisapg
___end___