
Mauna Loa Solar Observatory Observer's Log

Mon Oct 26 17:25:40 GMT 2026
Year:26 Doy:299
Observer: berkey
Weather COMMENT BY berkey: Mon Oct 26 17:26:21 GMT 2026
MLO Current Weather
Timestamp (UTC): 2026-10-26 17:23:00
Temperature   : 51.87 deg F
Dew Point   : -9.69 deg F
Pressure   : 679.12 mbar
Wind Speed   : 25.95 mph
Wind Direction : 205.8 deg
Skies: thin cirrus
___end___
GENERAL COMMENT BY berkey: Mon Oct 26 18:53:33 GMT 2026
Dome closed
___end___
GENERAL COMMENT BY berkey: Mon Oct 26 22:07:19 GMT 2026
Logger back end moved off of rpi and on to kodiak. Existing log entries were migrated over to the new system.

Logger code and kcor api access were updated to point at the new host.

Slight logic change was made to the logging so now the logger writes log reports to kod iak:/data/mlsolog and emails logs from this location. It is the responsibility of anot her process to get the files Boulder after this.
___end___
Mon Oct 26 23:16:11 GMT 2026 KCOR Start Synoptic Patrol Testing kcor logging.
Mon Oct 26 23:16:17 GMT 2026 KCOR End Patrol
GENERAL COMMENT BY berkey: Mon Oct 26 23:46:25 GMT 2026
Network changes. kodiak put on vpn to allow direct connections and copies from it to B oulder without extra hoops.
___end___
GENERAL COMMENT BY berkey: Mon Oct 26 23:53:22 GMT 2026 entry was edited
New inotify scripts setup to detect new files on kodiak and rsync them to the appropria te location in Boulder. Scripts for logs folder, kcor and ucomp data files were all cr eated with relevant crontabs installed.

Testing with the logs, and kcor (in testing mode) seemed showed success.
___end___
GENERAL COMMENT BY berkey: Tue Oct 27 01:17:01 GMT 2026
Investigation of the Simco Air gun, it looks like something have failed internally. Th e trigger is reacting normally but the air gets stuck on once it triggers. at this poi nt it looks like we may need to replace the system.

As short term kludge, turing off the system stops the air flow. So we can get brief bu rsts of higher flow by turn it off waiting for the pressure to built then using a burst of higher pressure, then turn off the system for a few seconds. Turn it back on again and let the pressure rebuild before bowling the lens again.
___end___
Logger COMMENT BY berkey: Tue Oct 27 01:18:29 GMT 2026
Log closed
ONSITE STAFF: berkey
___end___