
Mauna Loa Solar Observatory Observer's Log

Sun Mar 23 17:42:47 GMT 2025

Year: 25 Doy: 082

Observer: berkey

WEATHER COMMENT: Observer: Sun Mar 23 17:44:12 GMT 2025

Skies are clear, light wind, strong inversion layer around 8,500ft expect clear skies for the next few hours.

____end____

GENERAL COMMENT BY Observer: Sun Mar 23 17:50:31 GMT 2025

Power feed from the lower power solar unit was off this morning. This left our network (and cosmic) off or at least some portion of the night. Battery pack had 78% charge so it looks didnt shut down for lower battery.

Pushing the AC power button above the plug brought it back to life. And now network has been restored.

____end____

Sun Mar 23 17:53:57 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0

GENERAL COMMENT BY Observer: Sun Mar 23 17:55:03 GMT 2025

Opened windows upstairs and dome

____end____

GENERAL COMMENT BY Observer: Sun Mar 23 17:57:34 GMT 2025

UCoMP had a bit of trouble seeing the camera but other than that, both instruments are up and running.

____end____

Sun Mar 23 18:02:24 GMT 2025 KCOR End Patrol

KCOR COMMENT BY Observer: Sun Mar 23 18:07:41 GMT 2025

Kcor got a circular board acquisition error after 17:57:48 looks like it have switched polarization.

____end____

Sun Mar 23 18:07:23 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0

Sun Mar 23 18:11:09 GMT 2025 KCOR Start Synoptic Patrol

GENERAL COMMENT BY Observer: Sun Mar 23 18:15:04 GMT 2025

Lost internet again

____end____

Sun Mar 23 18:29:56 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0

GENERAL COMMENT BY Observer: Sun Mar 23 19:09:38 GMT 2025

In the diff images, we see what looks like prominence material lifting off the W-SE limb.

____end____

Sun Mar 23 19:17:47 GMT 2025 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

UCoMP COMMENT BY Observer: Sun Mar 23 19:26:48 GMT 2025

UCoMP cameras seemed to crash that seemed to be due to network issues that caused us to redo the start of the parker obs menu a couple times.

____end____

GENERAL COMMENT BY Observer: Sun Mar 23 20:17:17 GMT 2025

Lost internet

____end____

GENERAL COMMENT BY Observer: Sun Mar 23 20:26:44 GMT 2025

Ben power cycled the firewall since our internet outage is lasting longer this time.

____end____

Sun Mar 23 20:28:50 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0

Sun Mar 23 20:31:15 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 2

UCoMP COMMENT BY Observer: Sun Mar 23 20:32:30 GMT 2025

UCoMP occulter recentered

____end____

UCoMP COMMENT BY Observer: Sun Mar 23 20:37:51 GMT 2025

UCoMP computer was accidentally turned off, restarting computer and getting to synoptic program.

____end____

GENERAL COMMENT BY Observer: Sun Mar 23 20:37:52 GMT 2025

____end____

GENERAL COMMENT BY Observer: Sun Mar 23 20:42:35 GMT 2025

Unfortunately, because of how UCoMP was shut off, it is now applying software updates.

____end____

UCoMP COMMENT BY Observer: Sun Mar 23 21:14:33 GMT 2025
Had camera issues again. Looks like it has resolved now.

end

UCoMP COMMENT BY Observer: Sun Mar 23 21:14:59 GMT 2025
Now filter wheel.

end

Sun Mar 23 21:17:08 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0
GENERAL COMMENT BY Observer: Sun Mar 23 21:19:37 GMT 2025
Lost internet when UCoMP finished updating.

end

UCoMP COMMENT BY Observer: Sun Mar 23 21:20:32 GMT 2025
Current dark at this time 1119am HST is not good. R cam currently not working.

end

Sun Mar 23 21:22:02 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0
GENERAL COMMENT BY Observer: Sun Mar 23 21:49:02 GMT 2025
lost internet again

end

GENERAL COMMENT BY Observer: Sun Mar 23 22:08:35 GMT 2025

We weighed the two propane bottles that were pulled offline and it appears they each have 50lbs; so at the start of 2025, we had 300lbs of propane on site. During the 2024 eclipse we burned about half our propane, roughly 300 gallons and ran the generator for 28 hours. Based on bringing up two more in 2025, we started with 500 gallons of propane; total run time to be determined. Expected run time by end of day is 17.5 hours for 2025.

end

Sun Mar 23 22:10:09 GMT 2025 Running UCOMP Cookbook synoptic-original-lines.cbk line 0
GENERAL COMMENT BY Observer: Sun Mar 23 22:51:26 GMT 2025

Starting our shut down as the heli will be here around 1pm.

end

GENERAL COMMENT BY Observer: Sun Mar 23 22:51:43 GMT 2025

Generator off at 1243pm

end

Sun Mar 23 22:56:57 GMT 2025 KCOR End Patrol

GENERAL COMMENT BY Observer: Sun Mar 23 22:59:52 GMT 2025

Powering down.

end

GENERAL COMMENT BY Observer: Sun Mar 23 22:59:53 GMT 2025

end

ONSITE STAFF: berkey, lisapg