

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon Jul 14 16:58:33 GMT 2014

Year: 14 Doy: 195

Observer: berkey

WEATHER COMMENT: berkey: Mon Jul 14 16:58:49 GMT 2014

temp 44f, no wind, overcast covering the sky

\_\_\_end\_\_\_

Mon Jul 14 18:40:42 GMT 2014: PSPT Start Patrol

Mon Jul 14 19:17:03 GMT 2014: PSPT Abort Patrol

Mon Jul 14 19:17:07 GMT 2014: PSPT Abort Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Mon Jul 14 19:44:19 GMT 2014

mlsoserver has been rebooted a couple times to deal with some connection issues between mlsodata (in boulder) and mlsoserver

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Mon Jul 14 19:48:39 GMT 2014

Fog blowing in from the south

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Mon Jul 14 23:28:26 GMT 2014

Just got a power hiccup, iwii, sgs and ulua rebooted.

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Tue Jul 15 00:06:26 GMT 2014

The power cut happend a few more times. I think the root of the issue is that the main (Matrix-UPS 5000) has 1 or more bad batteries. So it is dropping the load side when we get power flucuations. To help midigate this I have moved the control room monitors onto wall power directly. Not exactly ideal in a real power outage since we wont have displays to use during the shutdown. But I think these are the least important things to have plugged for now.

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Tue Jul 15 01:41:55 GMT 2014

More frustration with the Matrix-UPS MX5000EU.

I have now moved the HawTel equipment, router and switch over the the Kcor UPS. The K-cor PW5125 now reports it has 16 minutes of run time. Ideally we would like to have more run time, but the Matrix-ups restarted 4 or 5 times in the last hours, so I dont think this is a good place to hook up the network equipment.

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Tue Jul 15 02:24:18 GMT 2014

SGS is currently plugged into the Matrix 5000. This hasn't been an issue today since the sky is to cloud to observe, but we will have to move it to one of wall power, the kcor ups or the comp ups to observe tomorrow.

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Tue Jul 15 02:40:18 GMT 2014

Computing summary for the end of the day.

Observer displays (3x3 monitors) have been moved to wall power.

Router, Hawtel equipment and switch have been moved to Kcor UPS

SGS has been moved to wall power and is plugged into the sockets just south of the pier  
iwii and ulua are powered down.

SHABAR (laptop) remians on the Matrix UPS

KVM and video splitters remain on Matrix-UPS

1 of the 2 mlsoserver power supplies is plugged into the Matrix-ups the other into kcor ups

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Tue Jul 15 02:48:25 GMT 2014

I don't know the status of the LDM connection between hawaii and boulder. Hopefully this was sorted out on the CSMT side.

\_\_\_\_end\_\_\_\_