

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

Fri Dec 9 17:40:16 GMT 2011

Year: 11 Doy: 343

Observer: koon

WEATHER COMMENT: Fri Dec 9 17:40:20 GMT 2011

Medium to thick cirrostratus, wind=5mph from the SW, temp=35F, frosty.

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

Fri Dec 09 17:41:38 GMT 2011 H-ALPHA Start Patrol

Fri Dec 9 17:41:25 GMT 2011 CHIP Start Patrol

Fri Dec 9 18:02:37 GMT 2011 CHIP LSD

Fri Dec 9 18:04:22 GMT 2011 CHIP End LSD

Fri Dec 9 18:04:28 GMT 2011 CHIP BiasLSD

Fri Dec 9 18:05:15 GMT 2011 CHIP End BiasLSD

Fri Dec 9 18:05:21 GMT 2011 CHIP Bias

Fri Dec 9 18:06:07 GMT 2011 CHIP End Bias

Fri Dec 9 18:06:12 GMT 2011 CHIP ReStart Patrol

Fri Dec 09 22:52:34 GMT 2011 H-ALPHA End Patrol

Fri Dec 09 23:00:08 GMT 2011 H-ALPHA Start Patrol

**\*\*GENERAL PROBLEM COMMENT BY DARRYL\*\***: Fri Dec 9 22:57:47 GMT 2011

We got a power anomaly from outside MLSO, the main switch automatically switched power off inside due to this anomaly, the UPS took over but the red lamp on the main box outside was still on - meaning the outside power was on. About 5 minutes later the main switch turned back on as it should if clean outside power exists.

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

**\*\*CoMP PROBLEM COMMENT BY DARRYL\*\***: Fri Dec 9 23:02:12 GMT 2011

It seems like everytime we have a power problem that requires the CoMP UPS it doesn't work right, the PC and other things like the Pulizzi lost power and are still w/o power now that the CoMP UPS is back on external line power. When the UPS is connected to regular power it shows "On Line" in the display and the top sine wave led is green, when I disconnect the UPS it shows "On Battery" and it beeps and the top sine wave led is green and the next led below it (Battery) is amber. We'll look into the problem after we get everything back up again.

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

**\*\*CHIP PROBLEM COMMENT BY DARRYL\*\***: Fri Dec 9 23:16:15 GMT 2011

Crashed due to power anomaly, did a pau/Cancel/run cycle to fix.

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

Fri Dec 9 23:20:29 GMT 2011 CHIP Start Patrol

**\*\*CoMP PROBLEM COMMENT BY DARRYL\*\***: Fri Dec 9 23:53:28 GMT 2011

I tried every test I could find in the manual and it appears from those that the UPS is normal, yet this has happened at least 3 other times that I've noticed where the Pulizzi and the PC lose power when the UPS switches to Battery due to a power anomaly. The UPS is only loaded up to about 43% according to the panel display.

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

**\*\*CoMP PROBLEM COMMENT BY DARRYL\*\***: Sat Dec 10 00:12:57 GMT 2011

Moved the Pulizzi over to UPS segment 1 output and left the Lakeshore and the PC both on segment 2 where everything used to be. Testing a simulated power outage shows that everything now stays on as it should. It seems like the problem is fixed.

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

Sat Dec 10 00:53:46 GMT 2011 CHIP Start Patrol

Sat Dec 10 01:24:09 GMT 2011 CHIP End Patrol

Sat Dec 10 01:27:04 GMT 2011 H-ALPHA End Patrol

Sat Dec 10 01:36:39 GMT 2011

MkIV