

PHENIX Status

- PHENIX running full 5-person shifts with detectors **ready for collisions** since Dec 15

The screenshot displays the PHENIX muon tracker software interface. On the left, a terminal window shows the following output:

```
Muon3DDisplay::draw_tracks - 0 tracks drawn.
Muon3DDisplay::draw_mui_clusters - 19 mui clusters drawn.
Muon3DDisplay::draw_mui_roads - 2 mui roads drawn.
^[[A
root [34] prun(1)
----- run=268910 event=132 loca
l=134 -----
Muon3DDisplay::draw_mu_t_coords - 30 coords drawn.
Muon3DDisplay::draw_mu_t_stubs - 6 stubs drawn.
Muon3DDisplay::draw_tracks - 2 tracks drawn.
Muon3DDisplay::draw_mui_clusters - 18 mui clusters drawn.
Muon3DDisplay::draw_mui_roads - 2 mui roads drawn.
root [35]
```

Below the terminal, a table displays the results of a query: `select * from run where brtimestamp > '2009-12-1`

Run Number	Run Type	Run State	Events in Run	
297255	CALIBRATION	BEGIN	~266369	A
297254	CALIBRATION	ENDED	683763	A
297246	CALIBRATION	ENDED	3361	C

The main window, titled "phenix muon tracker", shows a 3D visualization of the detector geometry, including the muon chambers and tracking chambers, with a blue line indicating a track path.

The interface includes a menu bar (File, Edit, View, Options, Inspect, Classes, Help) and a status bar at the bottom with various configuration options: GL1/L2 Config, BBL1/L1 Config, Partition, Begin Run Time, End Run Time, Update Time, Fill, GL1? EvB?, Log?, CMO, CMI, MMN.

Impact of Blizzard

- Magnets tripped due to power dip
 - up and running again
- **False** Flammable gas alarm
 - Turned out to be **false** alarm due to some transient instability in MCR's system
- **Snow**
 - Ramp to Assembly Hall remains to be plowed
 - Snow covers drains; if snow not removed, any rain will flood Assembly Hall
- **AC**
 - Rack Room AC stopped working on weekend
 - This is brand-new AC unit (installed only on Nov 24)
 - If this doesn't get proper attention, will lead to emergencies in the spring