

MicroBooNE Status Report

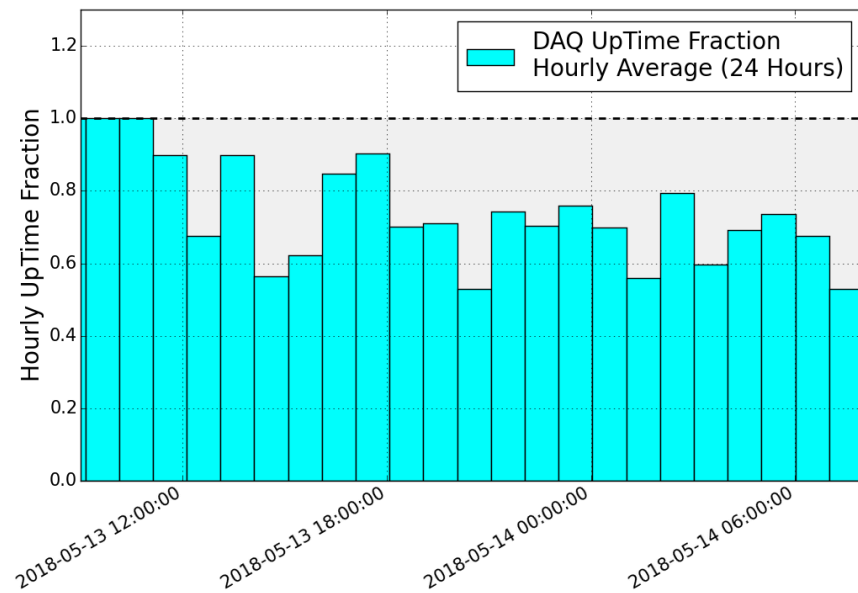
Christopher Barnes
University of Michigan
On Behalf of the MicroBooNE Collaboration

05/14/2018

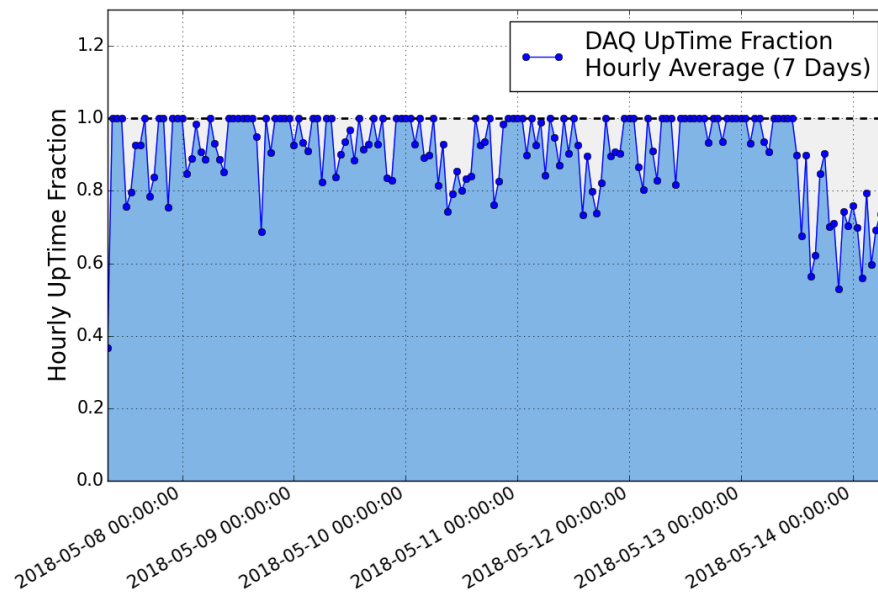


Beam Statistics/DAQ

Uptime



DAQ UpTime (Hourly, Last 24 Hours)

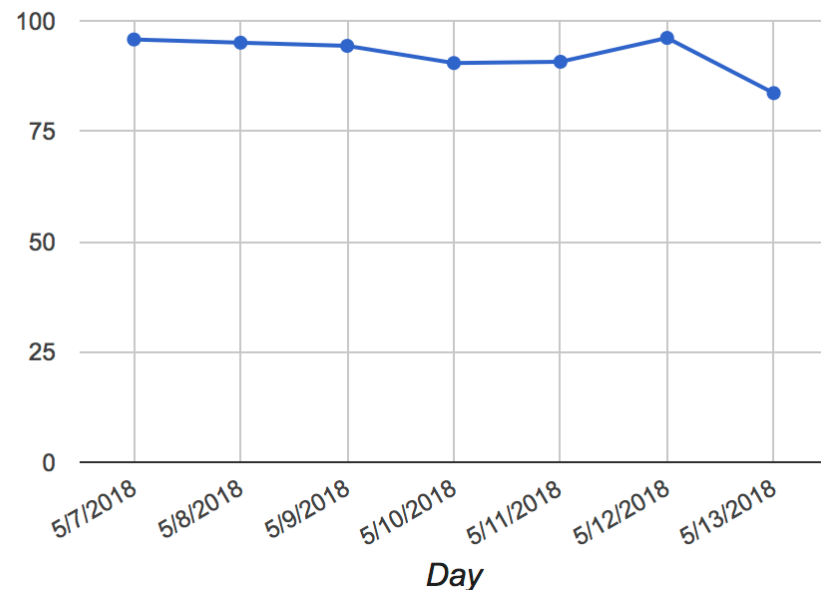


DAQ UpTime (Hourly, Past Week)

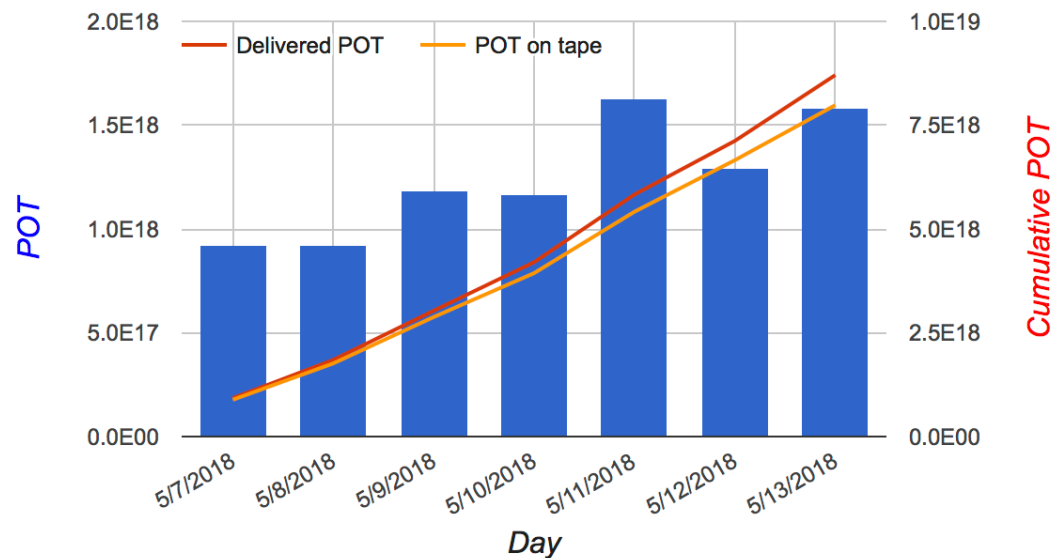
**POT Weighted
DAQ Uptime**
%:
91.7%

POT Delivered:
0.87e19

POT weighted DAQ uptime (Week of 5/7/2018)



POT (Week of 5/7/2018)



POT On Tape:
0.80e19

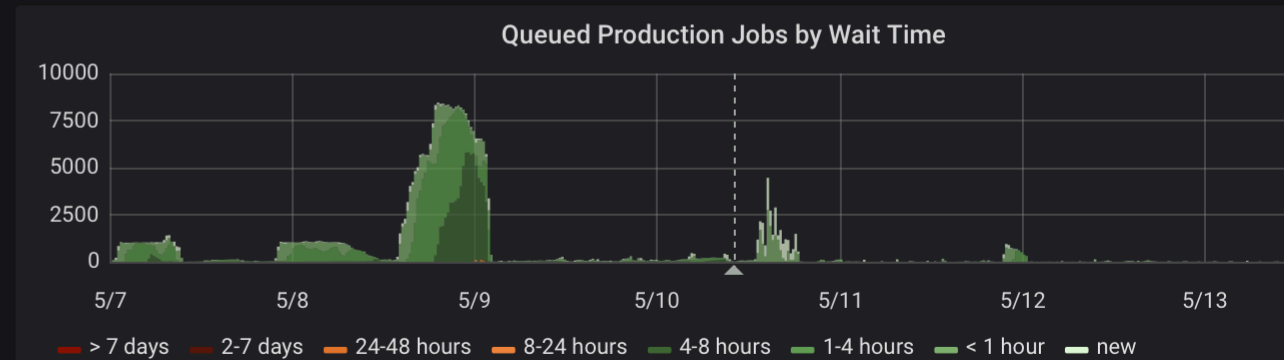
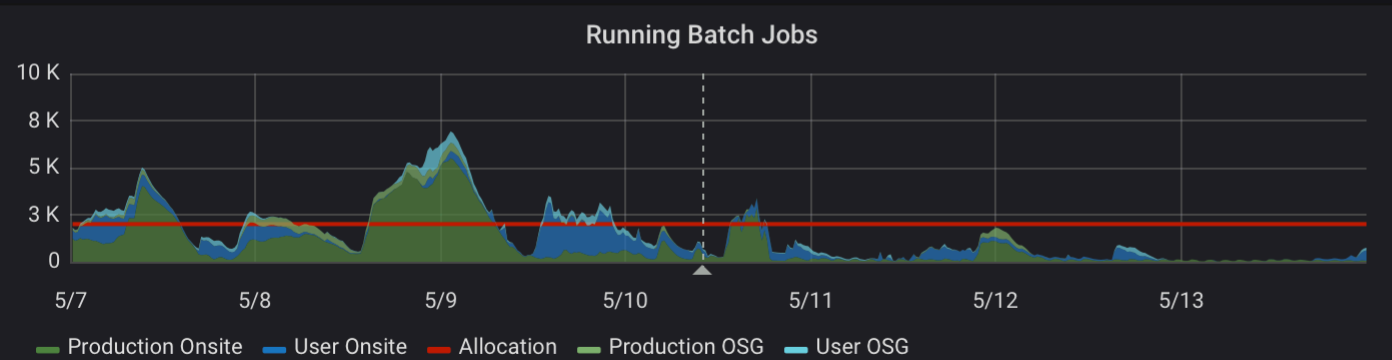
Computing Summary

1482

243536

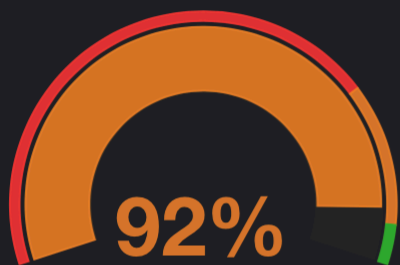
35.7 min

Running Jobs

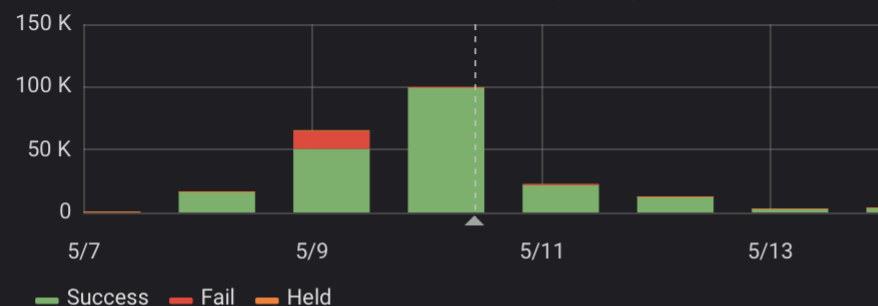


Completion and Efficiency Stats

Job Success Rate



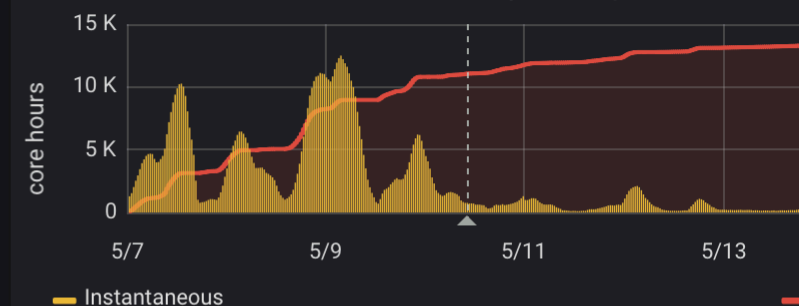
Job Success & Failures per Day



Overall CPU Efficiency



Total Time Wasted by Running Jobs



New row

New Data Cataloged

2.6 TB

Total Data Cataloged

15.1 PB

Together with a suboptimal success rate, a crashing database determined the relatively low CPU efficiency shown here.

Summary

We continued having issues with one readout crate.

We reduced the cosmic ray data-taking rate on Saturday to help improve uptimes.

We are considering replacing this crate with a spare to fix this problem.

Last week's HV instabilities have not resurfaced. We removed ice/water from around the HV feedthrough and this fixed the problem.

HV Feedthrough

