

NOvA Experiment Status

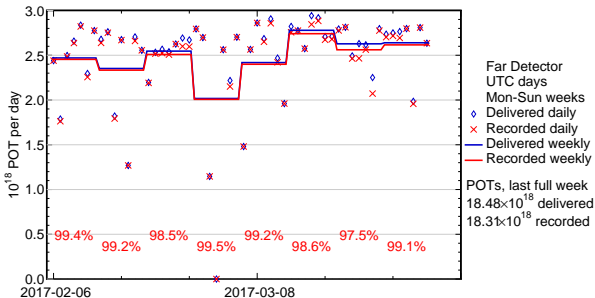
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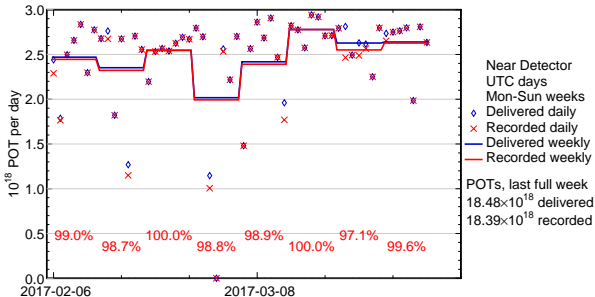
3 April 2017

DAQ Status and Uptime

- Both detectors running well
- Far: 98.9% POT-weighted uptime over last 8 weeks.



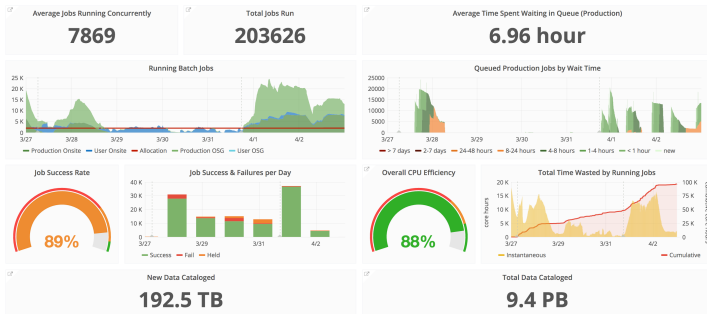
- Near: 99.0% POT-weighted uptime over last 8 weeks.



- Changed our supernova readout speed back to previous value and reduced readout window from 60 s to 45 s due to concerns about stability
 - Effective buffer length for full readout is now about 3 minutes
- Network connection from FNAL to the Far Detector became increasingly saturated from Friday to Sunday to the point where we could not receive spill triggers at times
 - At 1am today, we were switched to an alternative network link

Last Week

NOvA Computing Summary



- Now running reconstruction on ND data and simulation.
 - Again, getting many jobs (~20k) running over the weekend.
 - This high rate over the weekends is allowing us to make rapid progress.
- Goal: more consistent running
 - Working on “simple” samples (likely cosmic data) we can process if we run into delays with “complicated” samples (like systematically shifted samples).
 - This would be significantly aided by access to condor job prioritization in jobsub.

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