

# NOvA Experiment Status

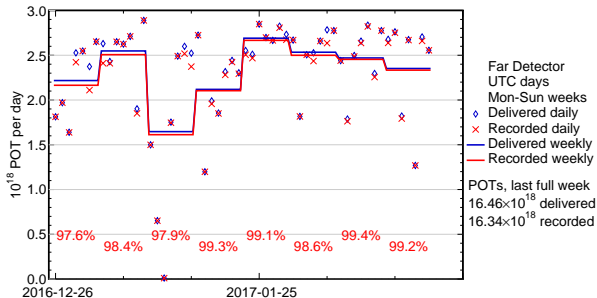
Gavin Davies

Indiana University

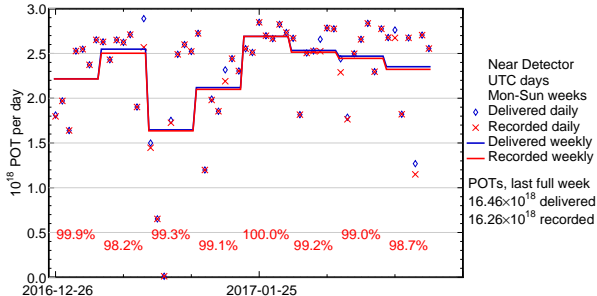
20 February 2017

# DAQ Status and Uptime

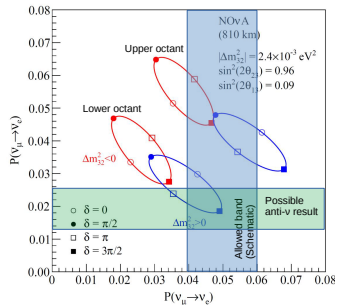
- Both detectors running well
- Far: 98.7% POT-weighted uptime over last 8 weeks.



- Near: 99.2% POT-weighted uptime over last 8 weeks.



- Have collected nearly  $9 \times 10^{20}$  POT in neutrino mode (14 kt equivalent)
- Eagerly anticipating anti-neutrino data starting today



# Last Week

Average Jobs Running Concurrently [↗](#)

**2487**

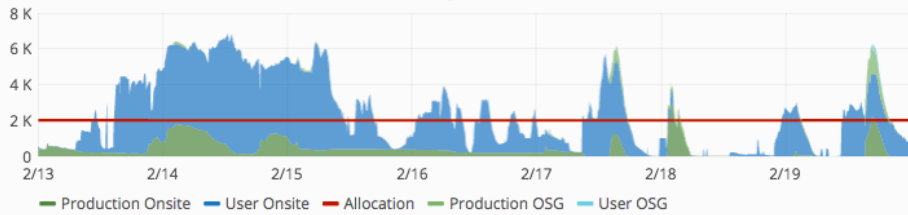
Total Jobs Run [↗](#)

**164613**

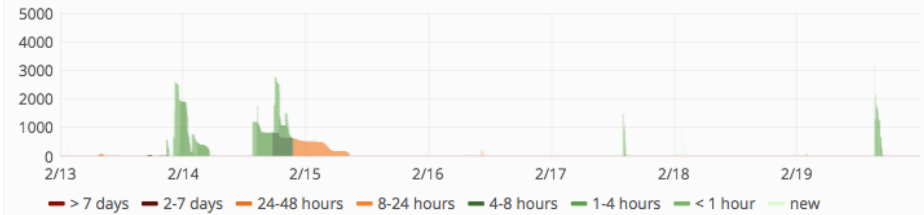
Average Time Spent Waiting in Queue (Production) [↗](#)

**5.33 hour**

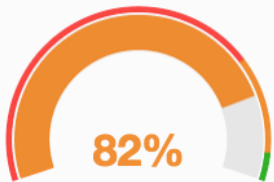
Running Batch Jobs



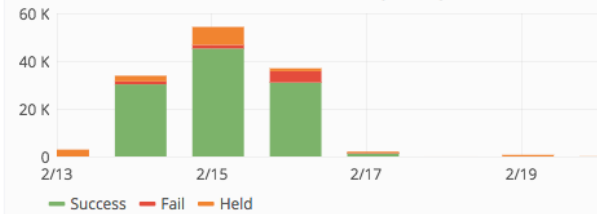
Queued Production Jobs by Wait Time



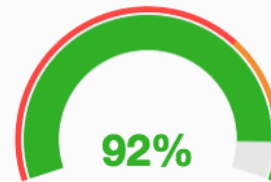
Job Success Rate



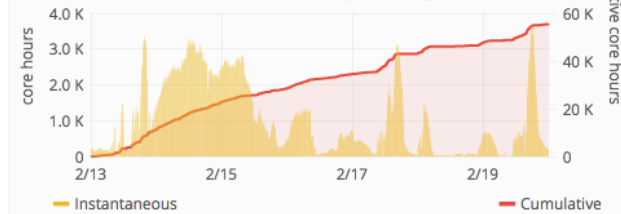
Job Success & Failures per Day



Overall CPU Efficiency [↗](#)



Total Time Wasted by Running Jobs



New Data Cataloged [↗](#)

**37.8 TB**

Total Data Cataloged [↗](#)

**9.0 PB**

- Another busy week for analysis computing following the collaboration meeting.
- Production still running relatively small samples as we do final validation in preparation for the start of large-scale production.