



# NOvA experiment report

*An update of NOvA operations week of 12/12*

---

GAVIN S. DAVIES

INDIANA UNIVERSITY

12/19/2016

# Highlights from the week

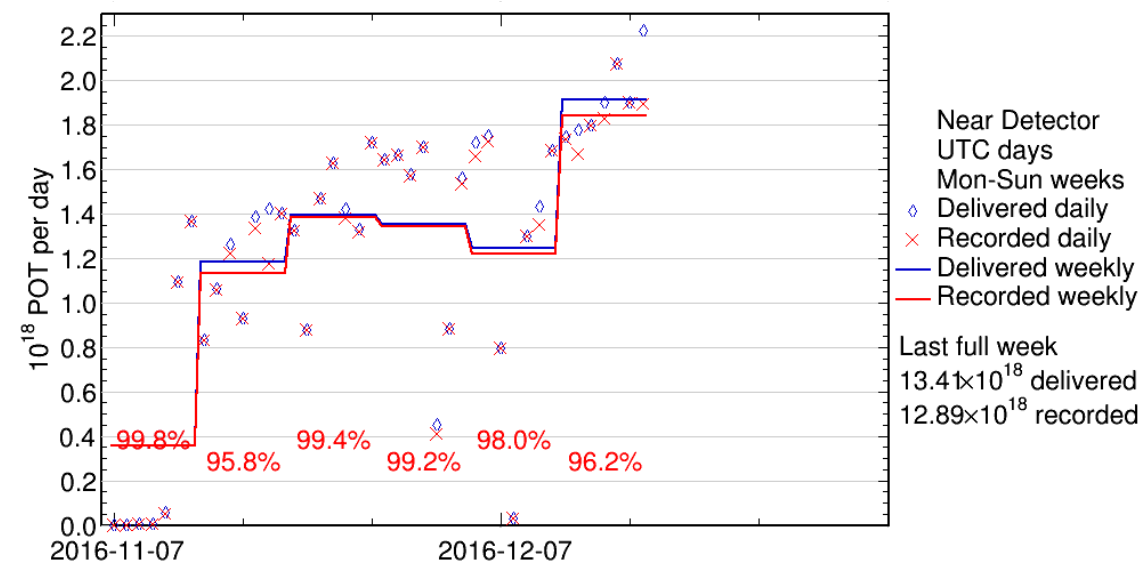
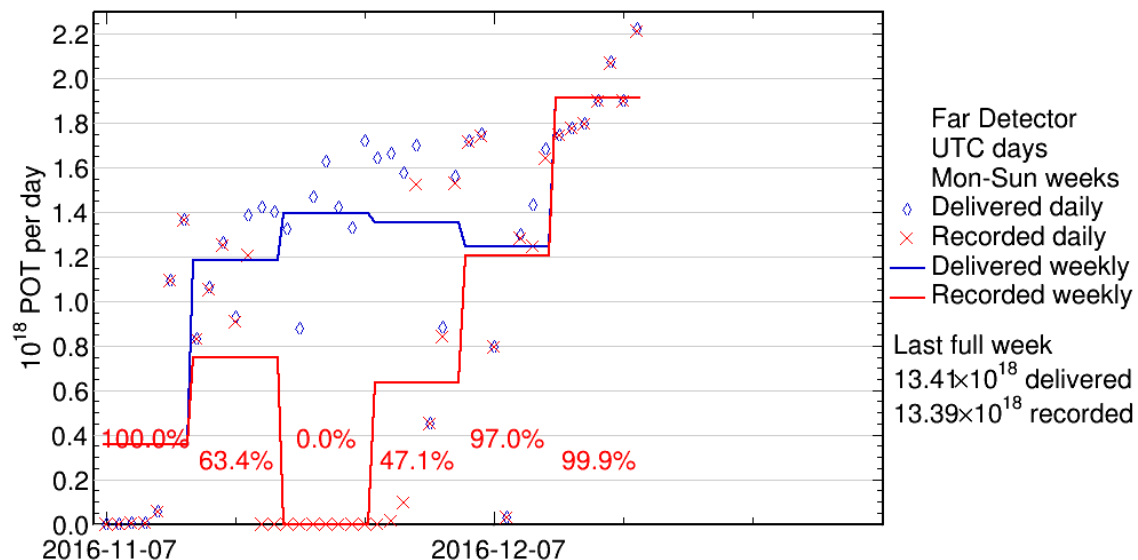
---



- Far Detector 100% uptime this past week
  - Enjoying the 500 kW NuMI beam
- Near Detector running well, near 100% uptime
  - Down 1.25 hours Tuesday due to chiller outage
    - Caught alarms early so we could put system into state for faster turnaround for recovery
    - Rapid response from MCR
- Quiet, stable week which is just what one wants going into the holiday period

# DAQ Status and Uptime

- Excellent Far Detector uptime
- Uptick in beam intensity aligned with start of slipstacking
- Near Detector running well, consistently above 95% uptime



# Computing

Average Jobs Running Concurrently [🔗](#)

**1177**

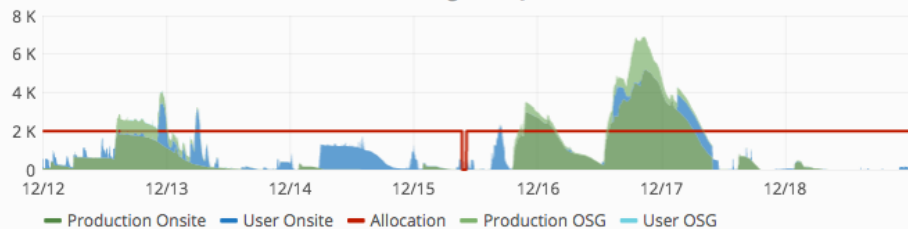
Total Jobs Run [🔗](#)

**68485**

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

**1.836 hour**

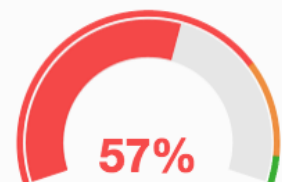
Running Batch Jobs



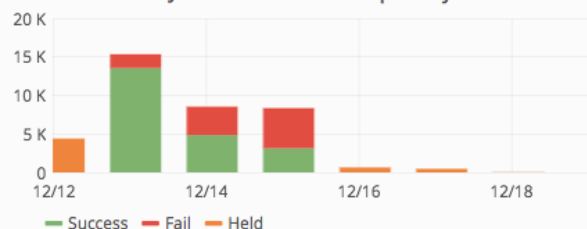
Queued Production Jobs by Wait Time



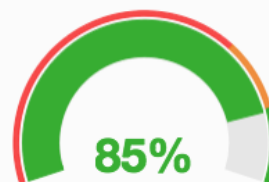
Job Success Rate



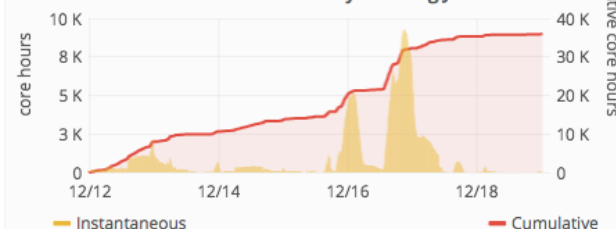
Job Success & Failures per Day



Overall CPU Efficiency [🔗](#)



Total Time Wasted by Running Jobs



New Data Cataloged [🔗](#)

**-6.0 TB**

Total Data Cataloged [🔗](#)

**8.1 PB**

- MC generation now getting underway.
  - Large amount of MC made at the end of last week.
    - Success rate looks mis-reported in this summary.
- Reco beginning this week and will run through the holidays.