

NOvA Operations Status

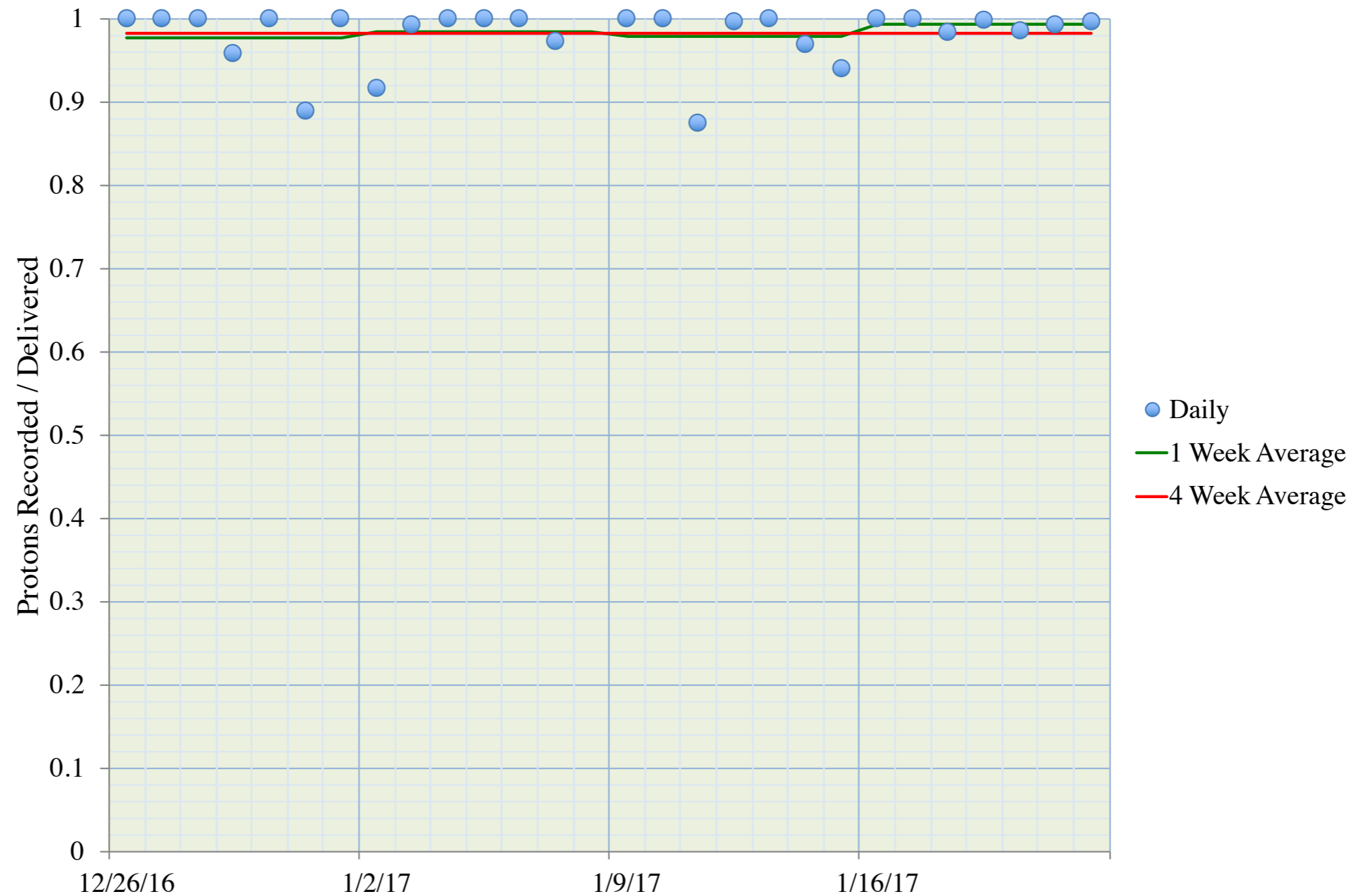
Evan Niner

1/23/17

Status

- NOvA running well, 99% uptime last week, 98% uptime last four weeks for Far Detector
- During beam shutdown 1/10-1/11 FD computing room switched over to new UPS power supply
- New procedures, checklists, and monitoring in place for FD computing room temperature
- Weekly training of new DAQ experts has resumed

Far Detector Uptime



- Last week: 14.73×10^{18} POT / 14.83×10^{18} POT recorded
- FY17: 1.07×10^{20} POT / 1.27×10^{20} POT recorded

- Production group has recently finished a mini production campaign;
- Primarily users this week focused on collaborators' analysis jobs.
- Light usage on OSG.

Average Jobs Running Concurrently [↗](#)

1269

Total Jobs Run [↗](#)

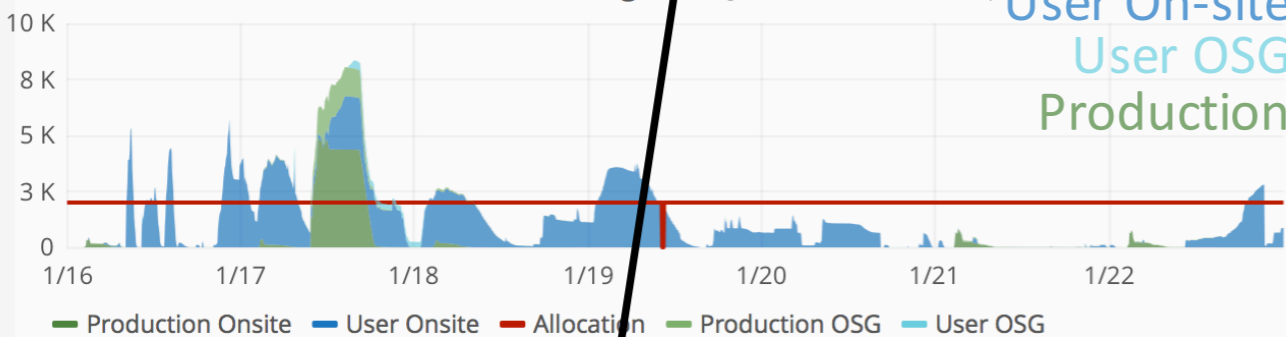
93261

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

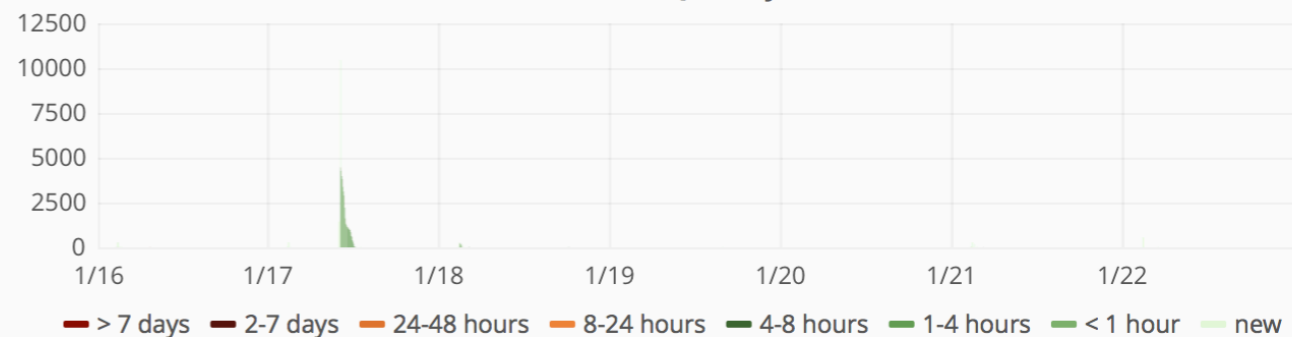
28.7 min

Running Batch Jobs

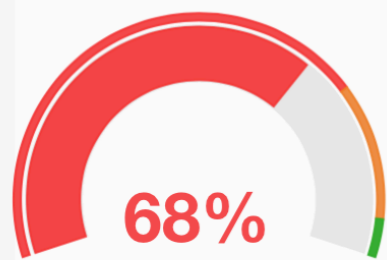
User On-site
User OSG
Production



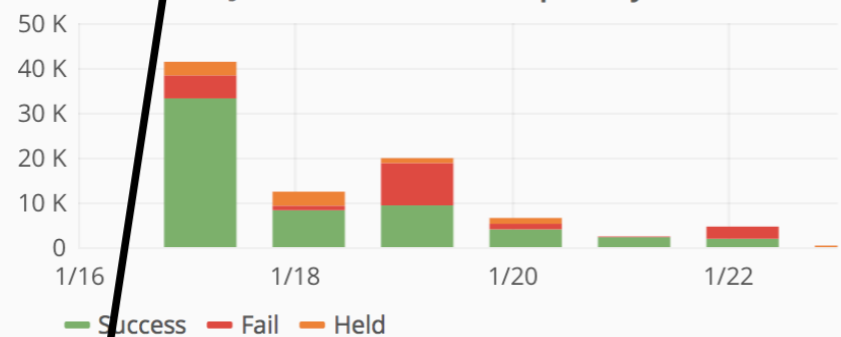
Queued Production Jobs by Wait Time



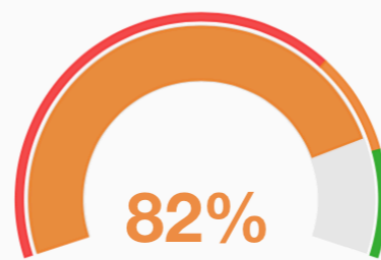
Job Success Rate



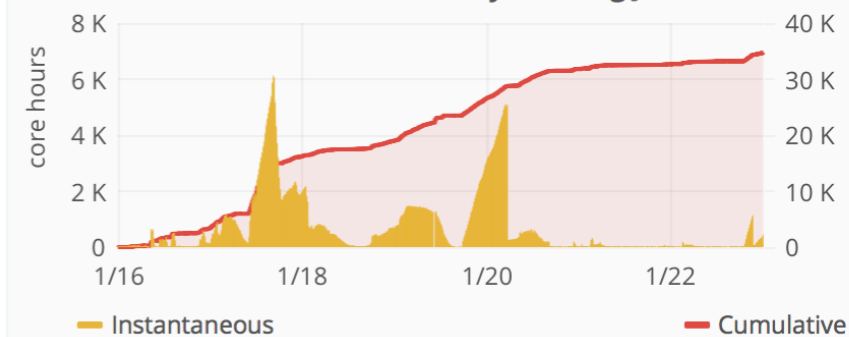
Job Success & Failures per Day



Overall CPU Efficiency [↗](#)



Total Time Wasted by Running Jobs



New Data Cataloged [↗](#)

34.3 TB

Total Data Cataloged [↗](#)

8.8 PB