



NOvA Experiment Report

Update for NOvA Operations; week of 05/08/2017

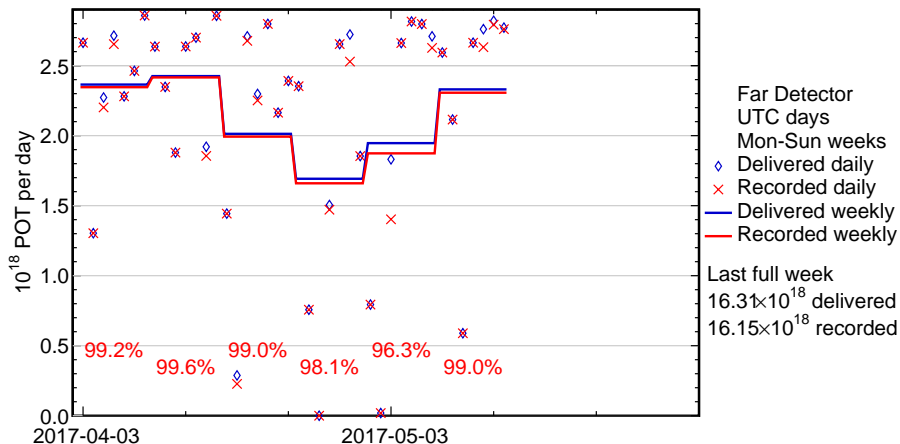
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May 15, 2017

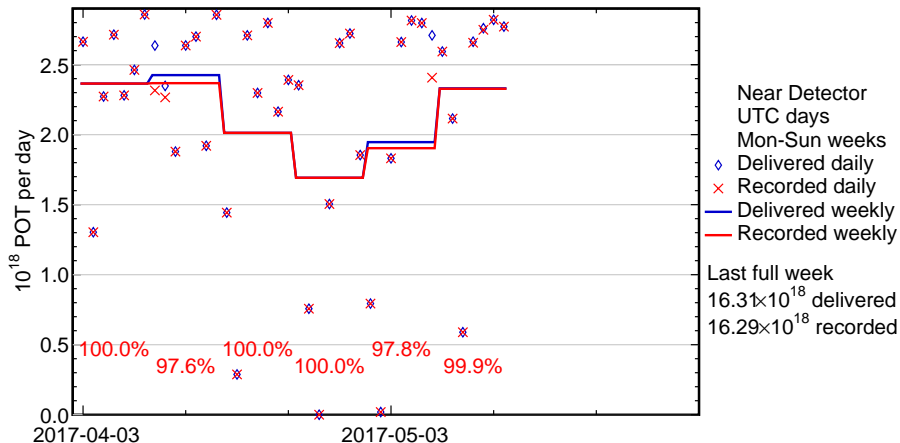
DAQ Status and Uptime: FarDet

98.1% POT-weighted uptime for the last 4 weeks (FarDet)



DAQ Status and Uptime: NearDet

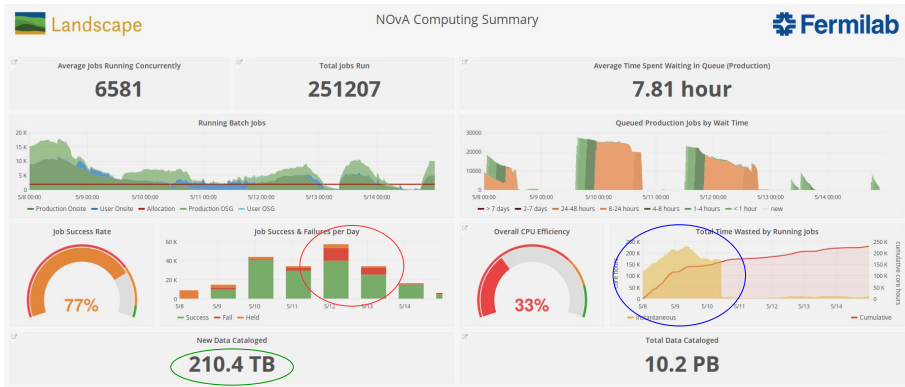
99.425% POT-weighted uptime for the last 4 weeks (NearDet)



Today's Downtime

- last week, tests revealed some flaws in the automatic scripts which shut down the far detector computing cluster when detecting rising temperatures
- using today's downtime to rigorously test these and other temperature monitoring scripts

Computing



- High-volume processing of cosmic data processing last week
 - Produced about 150K files, **about 200 TB of data**
 - Initially **low efficiency (5/8-5/10)** due to miscommunication on lifetime of special dCache pool used for prestaging. Discussion with Storage cleared this up
 - **High failure rate 5/12-5/13** due to jobs being sent to OSG site with issues; FIFE communicating with site