



NOvA experiment report

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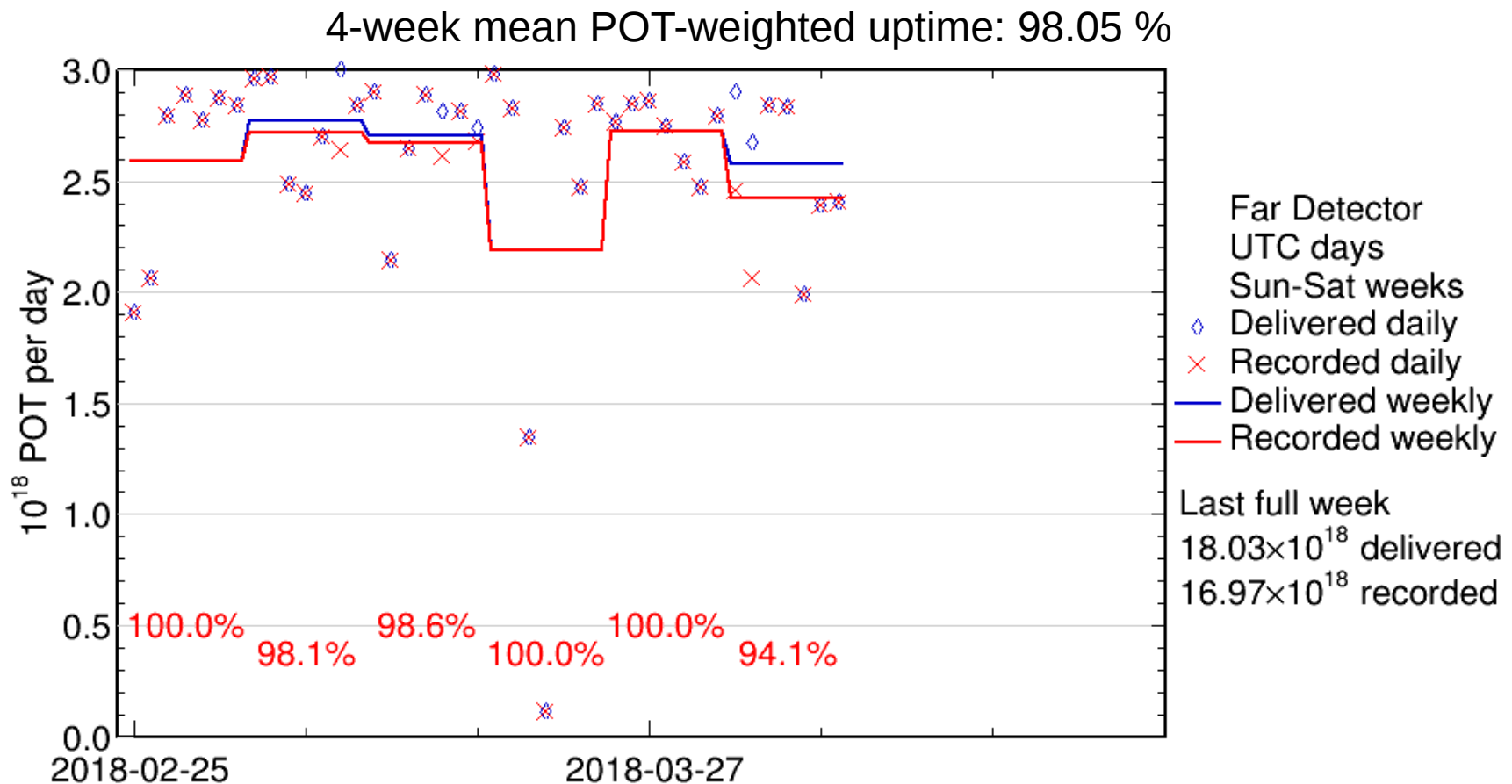
9 April 2018

Summary

- **Thursday beam downtime:** completed two out of three planned tasks:
 - (1/3) Adjusted settings on NearDet farm nodes to reduce the number of incomplete event errors/warnings.
 - (2/3) Timing chain scrub for FarDet timing chain 03 (currently not connected) → in alarm state since extended Sunday downtime.
 - Also used as a training exercise for new DAQ experts.
 - (3/3) Testing extended readout for data-driven supernova trigger → postponed to future beam downtime.
- **Reminder:** extended downtime, due to issues with our timing system, during afternoon/evening on Sunday (April 1st, 2018).
 - No good data from 2:40 pm on Sunday 1st, for ~9 h 40 minutes → visible in this week's uptime plot.

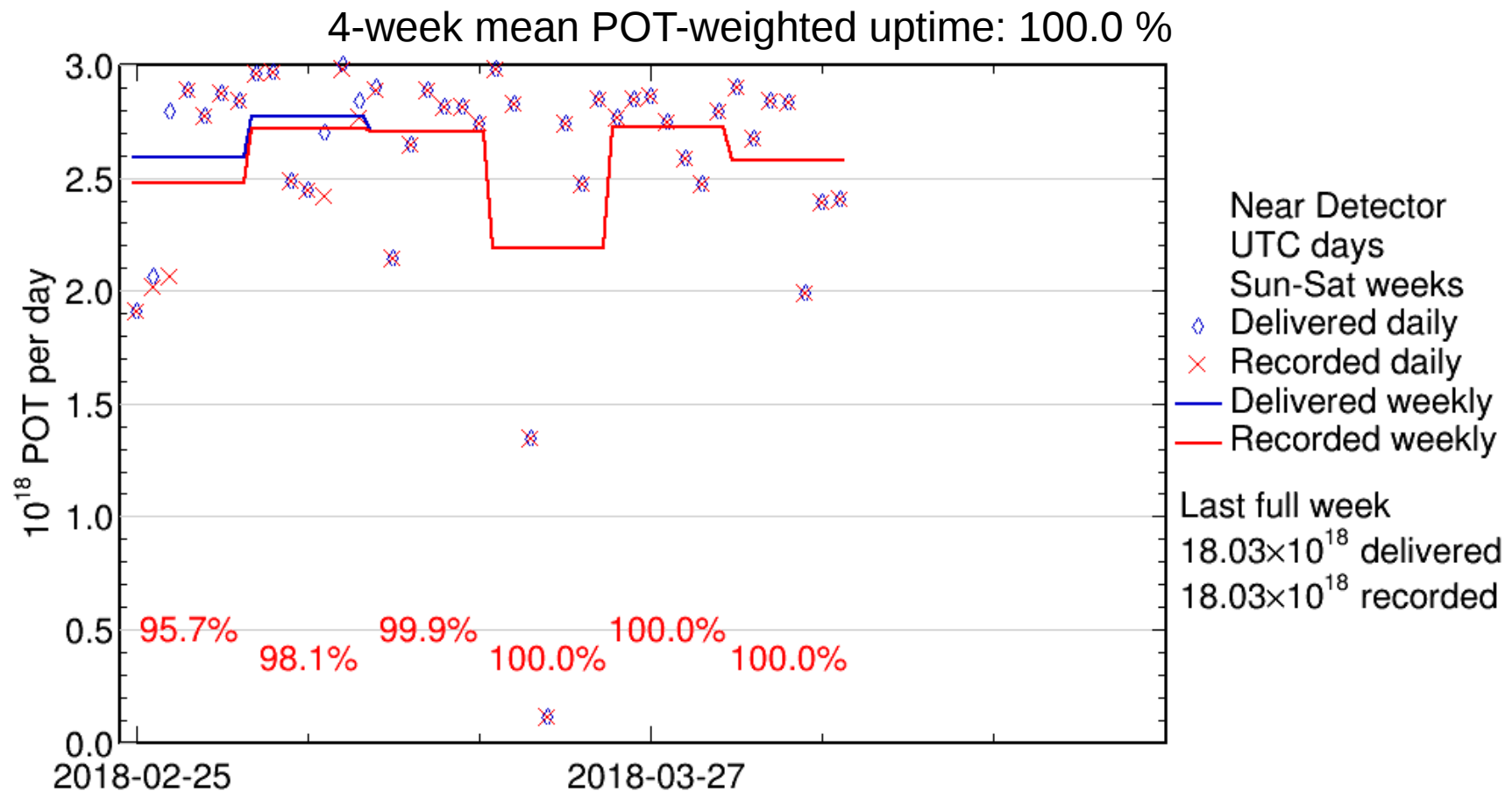
FD summary

Passed 7 E20 recorded POT in antineutrino data



- FY18 POT: 3.41 E20 delivered | 3.36 E20 recorded
- Total neutrino mode POT recorded: 11.46 E20 (8.85 E20 14 kt equiv.)
- Total antineutrino mode POT recorded: 7.15 E20

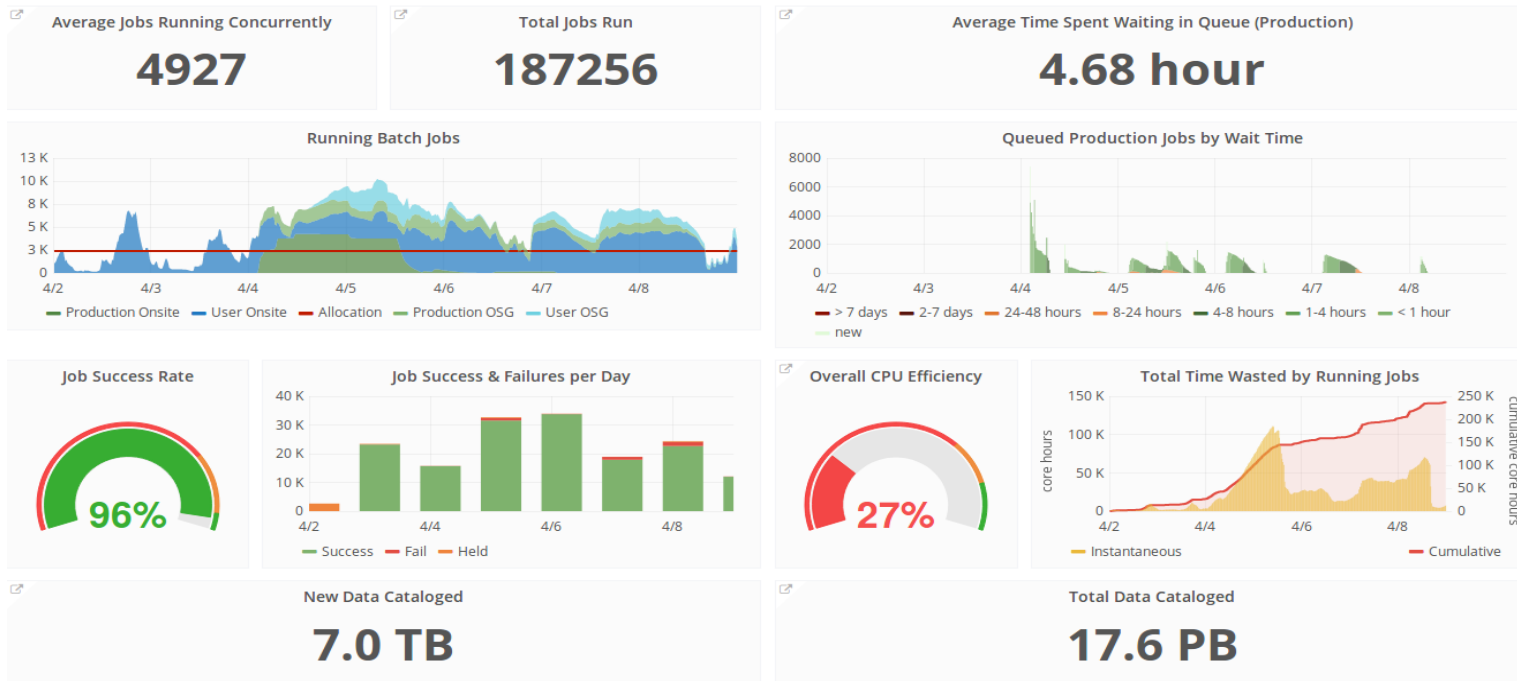
ND summary



Computing summary



NOvA Computing Summary



- Production campaign winding down. Usage dominated by users.
- Low efficiency this week seems to be largely due to automated keep-up processing of raw data; investigating. (Further aggravated by site-wide dCache outage over the weekend.)