

# NOvA Experiment Status

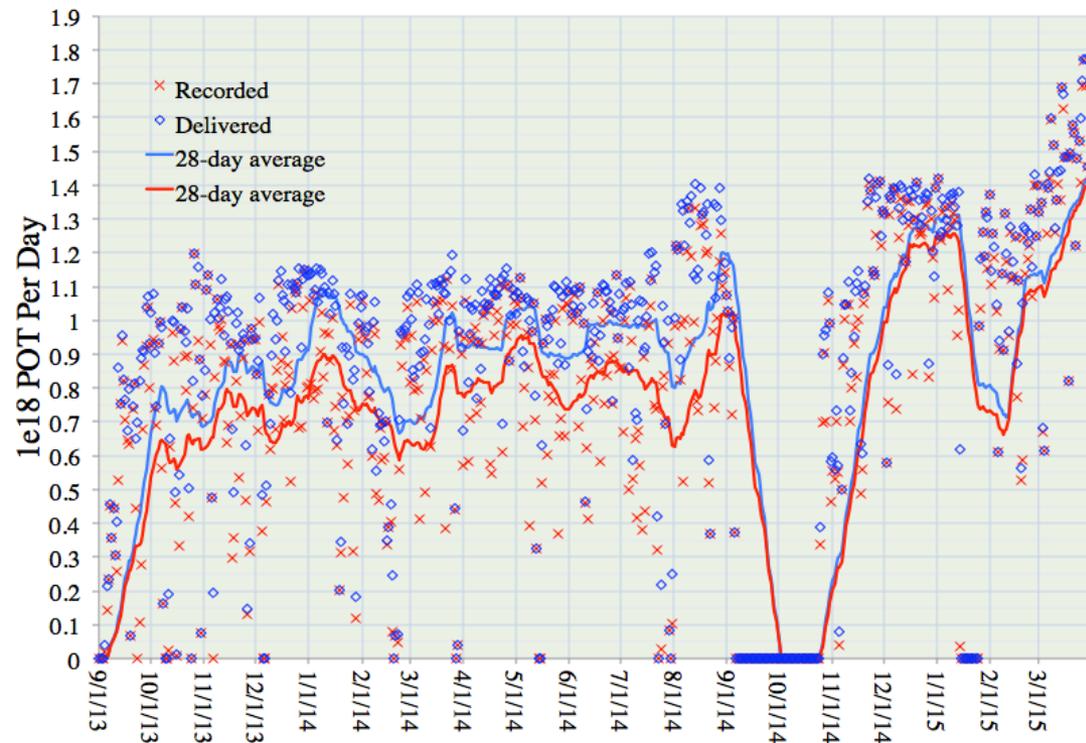
All Experimenter's Meeting

Louise Suter, Argonne National Laboratory

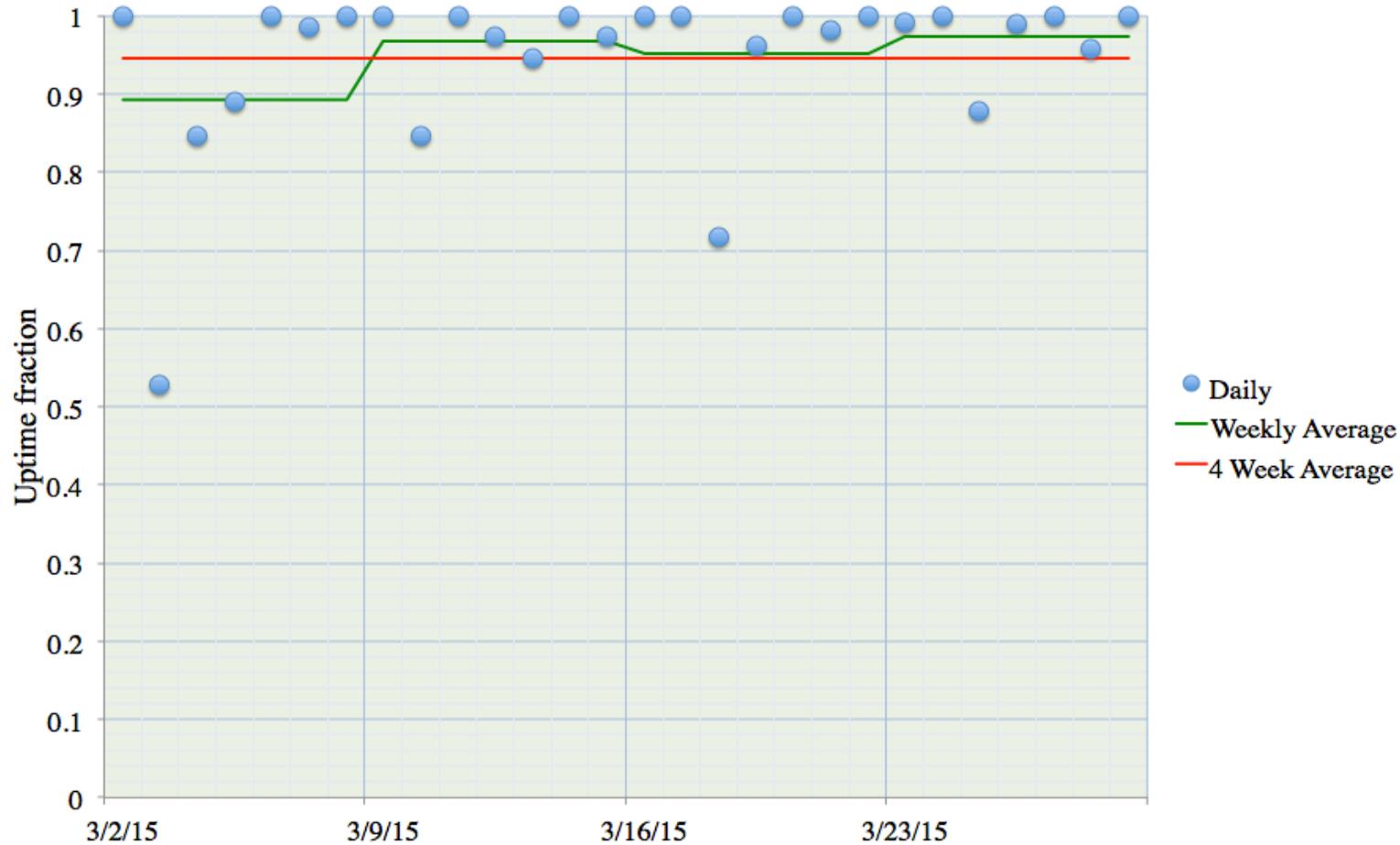
March 30<sup>th</sup>, 2015

# Operations Summary

- Beam
  - Great week, seeing highest ever rates of delivered POT
  - AD are doing an amazing job!
- Near Detector
  - Maintenance last Tuesday very successful. Saw large drop in overall noise rate
  - Running very smoothly, small DAQ issue resulted in 30mins downtime
- Far Detector
  - Implemented automatic system to recover 0.5% of channels that drop out during normal running due to high rates.
- Timing system
  - Issue seen with timing system over the weekend resulted in short downtime for both detectors
  - Took advantage of beam downtime today to put safe guards against this happening again.



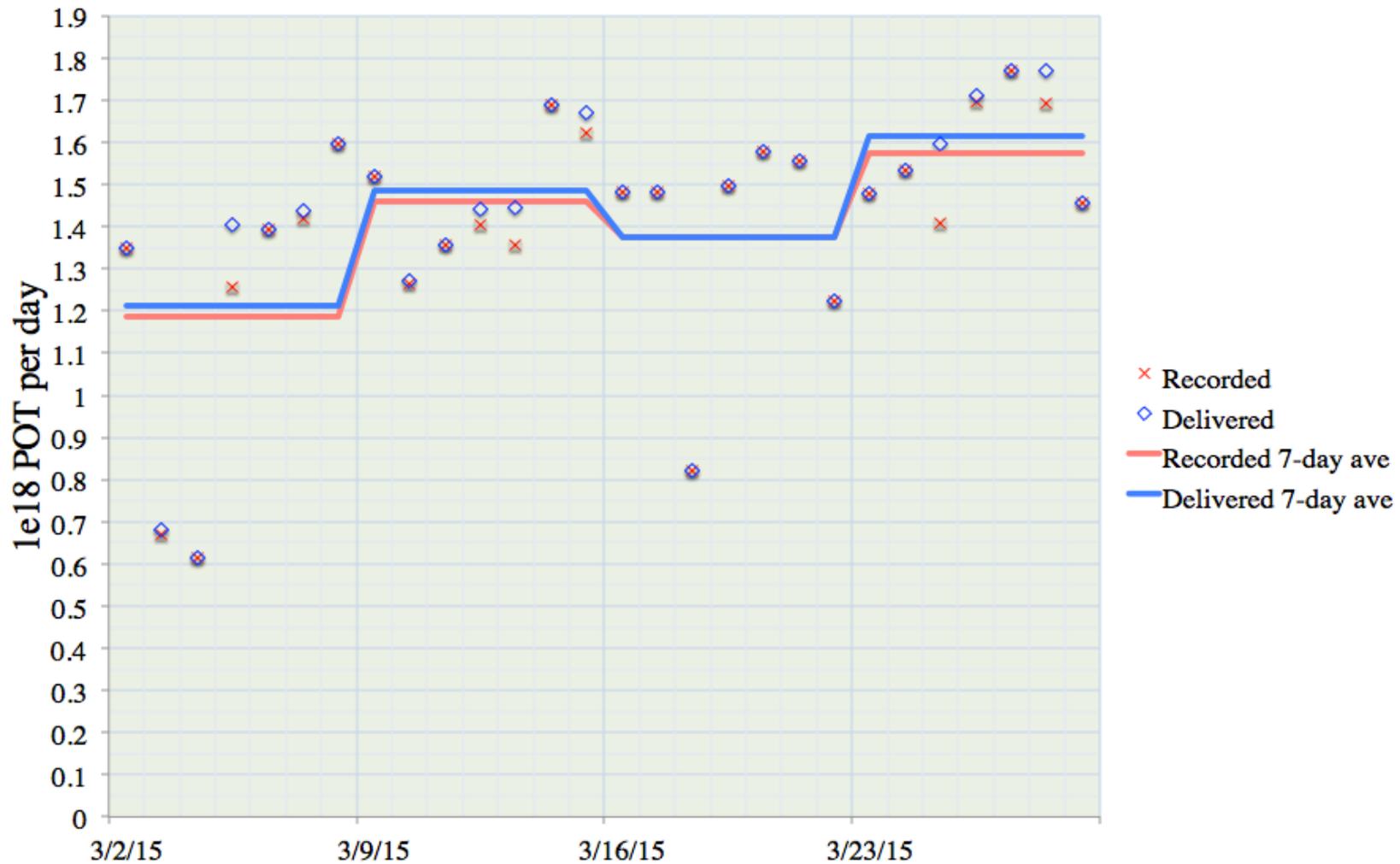
# Far Detector: Data taking uptime



- Good week, 97.4% DAQ uptime
- 4 hours of downtime due to DAQ issues, plus 2 hours of data lost due to timing issues



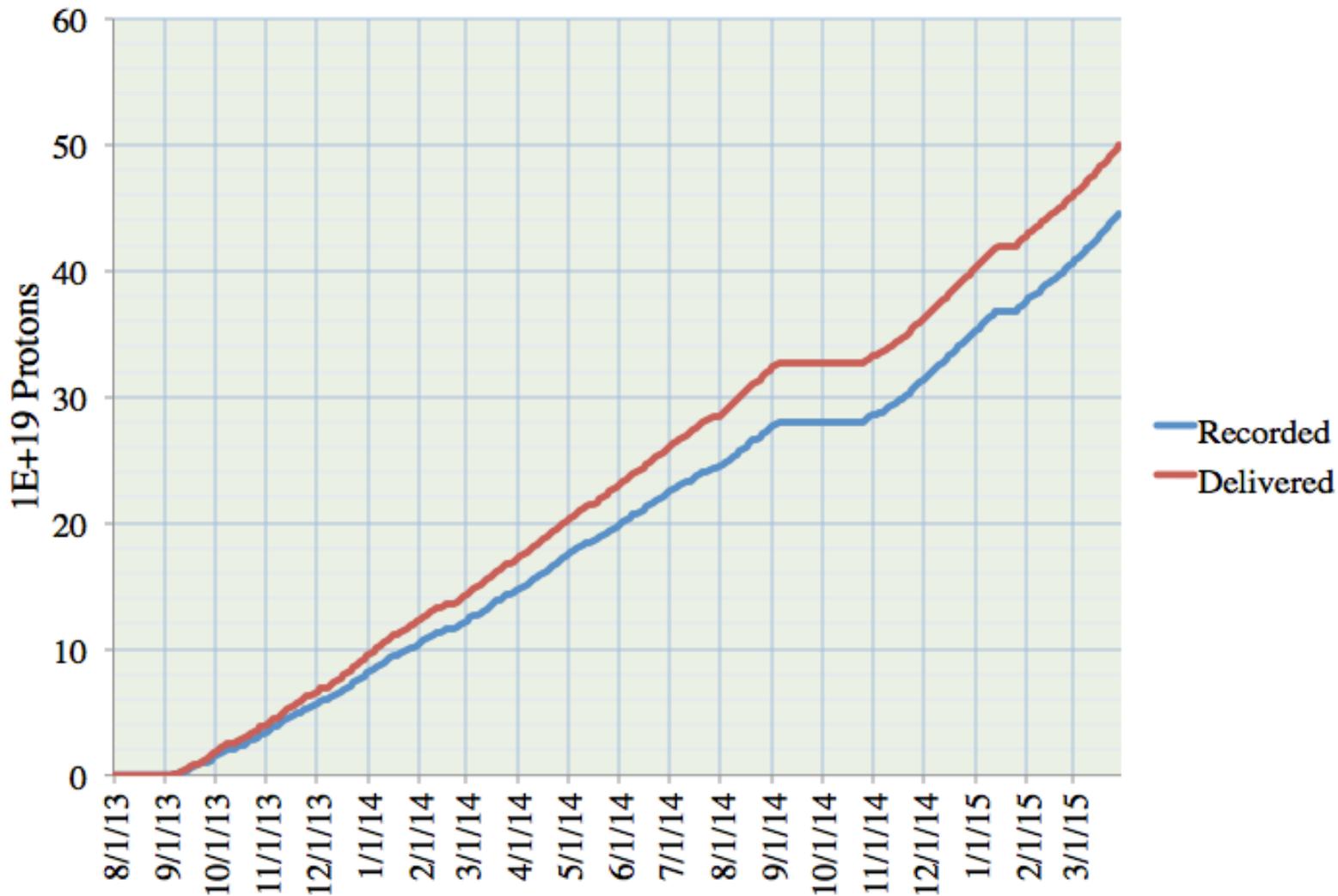
# Far Detector: POTs delivered/recorded



- Great week, 97.5% of all POTs recorded
- **Highest ever number of POT ever recorded, at 11e18 POT!**



# Cumulative POT



Total POT: recorded/delivered

2013/14: 280/326 e18 POTs (86%), **2014/15: 166.5/174.4 e18 POTs (95.4%)**

