



NOvA experiment report

An update of NOvA operations week of 12/05

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Highlights from the week

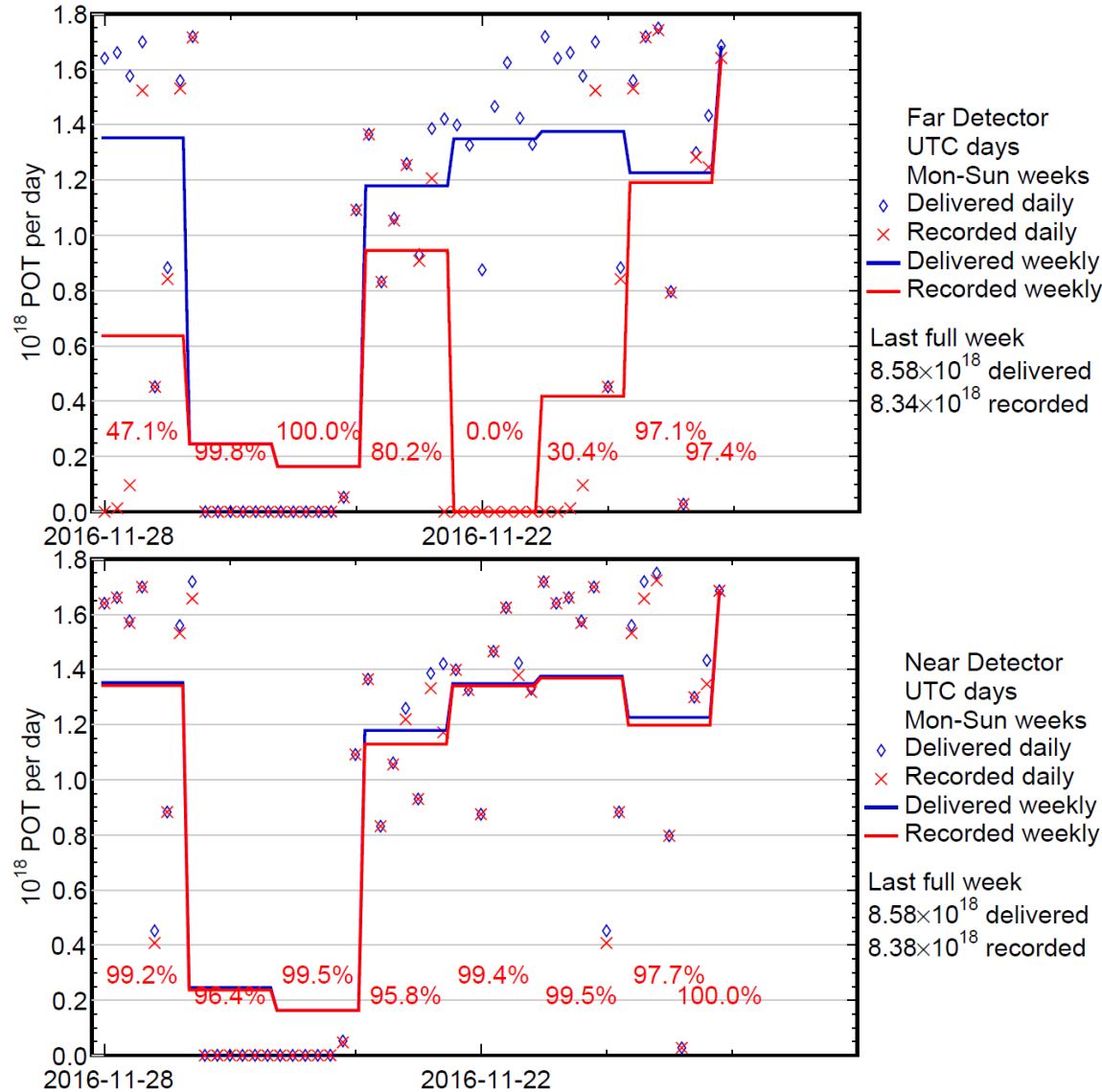


- Far Detector running well in nominal configuration since Thurs/Fri 1st/2nd Dec.
- Near Detector running well
 - Down 3.5 hours Friday night due to chiller outage
- Maintenance of a few channels on both detectors during beam downtime Wed-Thurs.
- Hardware replacement work on Saturday at Ash River due to non-responsive readout
 - Minimal downtime

DAQ Status and Uptime

- Far Detector uptime back above 95%

- Near Detector running well, consistently above 95% uptime



Last Week

Average Jobs Running Concurrently [↗](#)

3396

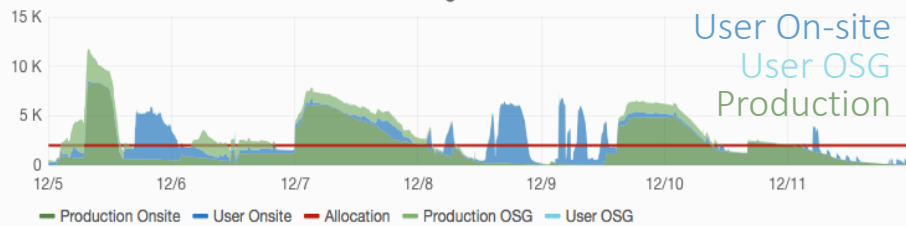
Total Jobs Run [↗](#)

171501

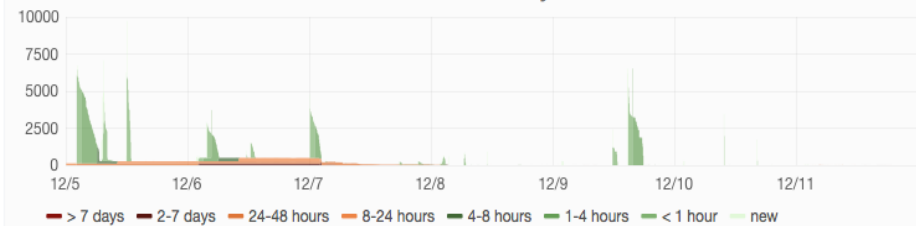
Average Time Spent Waiting in Queue (Production) [↗](#)

1.516 hour

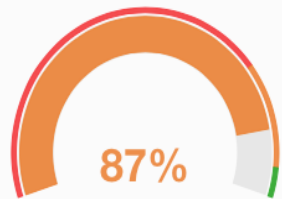
Running Batch Jobs



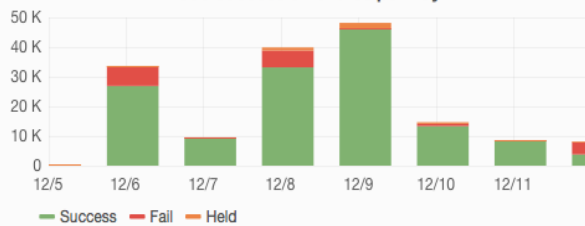
Queued Production Jobs by Wait Time



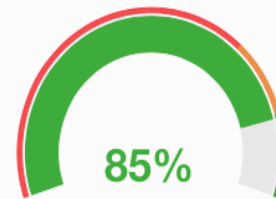
Job Success Rate



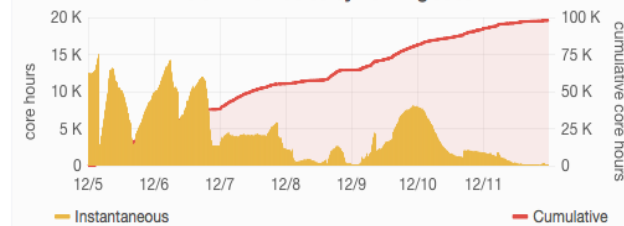
Job Success & Failures per Day



Overall CPU Efficiency [↗](#)



Total Time Wasted by Running Jobs



New Data Cataloged [↗](#)

79.4 TB

Total Data Cataloged [↗](#)

8.1 PB

- Dominated by production jobs this week;
- overall good CPU efficiency (on-site efficiency is ~99%);
- Some failed jobs caused by limitations of simultaneous SAM queries (fixed);
- MC generations jobs are running smoothly, expect to start reconstruction jobs this week.