

# MicroBooNE Status

Kevin Wierman

PNNL

06/05/17

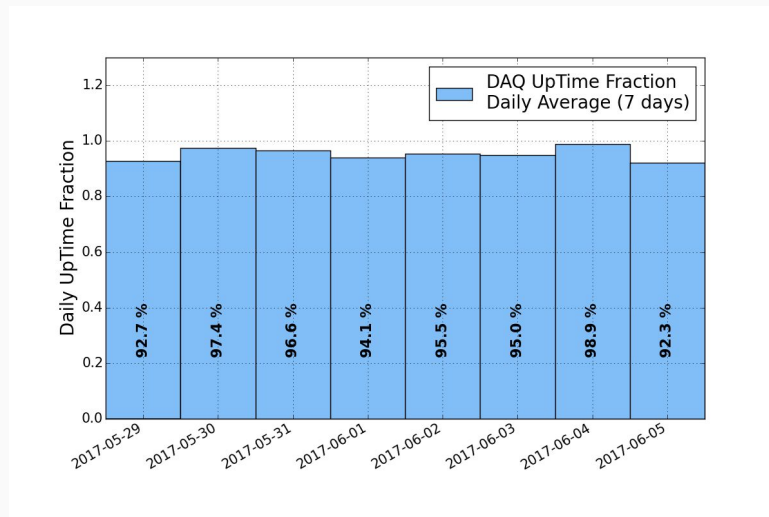
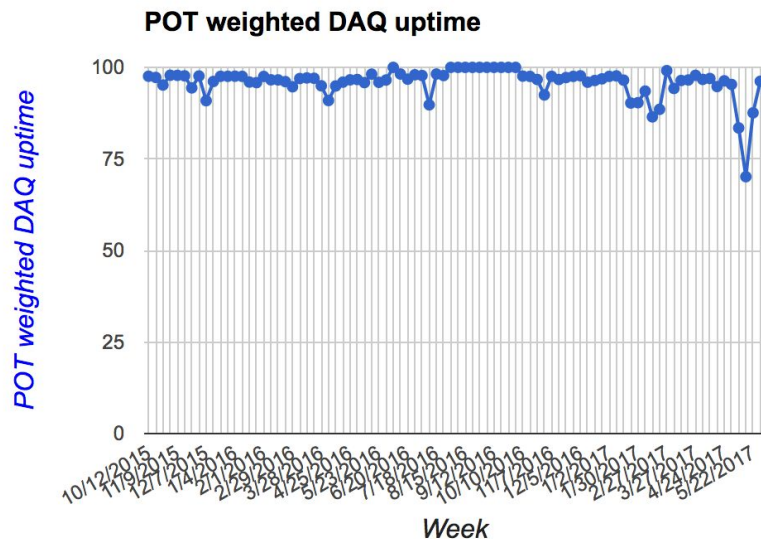
# Summary

Many thanks to our shifters and experts

- Back up and running!
  - Cryo Stability
    - Pressure has stabilized
    - Summer Shutdown: Going to warm up sections of pipe
  - PMT Rates
    - Back to normal as of 6/1
    - A light source was identified in the cryostat and turned off
- Running smoothly
  - Purity is still increasing to pre-shutdown levels

# DAQ Uptime

|               |   |
|---------------|---|
| DAQ Uptime    | 96.2% (87%, last week)                      |
| BNB Uptime    | 95.65% (86.16% last week)                   |
| POT Delivered | 6.5E20 (6.8E18 this week, 7.4E18 Last week) |
| POT Recorded  | 6.2E20 (6.6E18 this week, )                 |



# Computing Summary

- Running smoothly

Landscape

MicroBooNE Computing Summary

Fermilab

Average Jobs Running Concurrently

1407

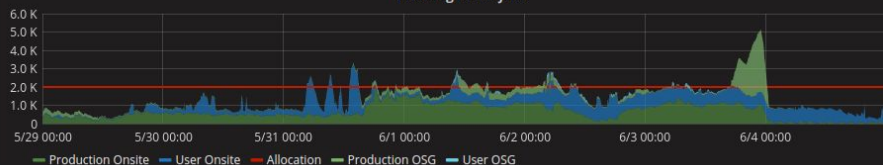
Total Jobs Run

199700

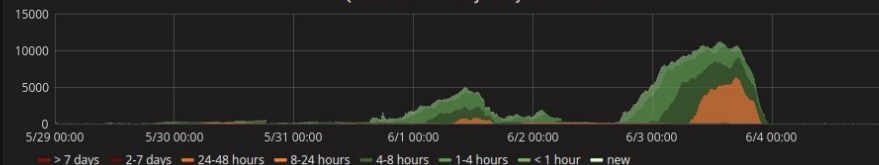
Average Time Spent Waiting in Queue (Production)

1.775 hour

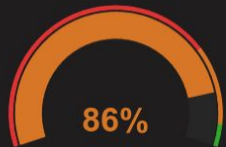
Running Batch Jobs



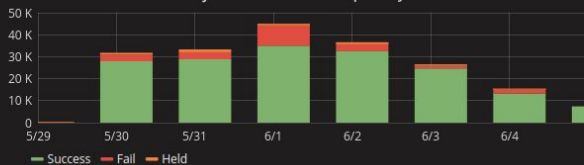
Queued Production Jobs by Wait Time



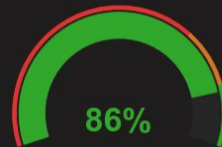
Job Success Rate



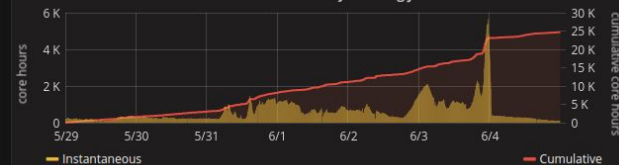
Job Success & Failures per Day



Overall CPU Efficiency



Total Time Wasted by Running Jobs



New Data Cataloged

68.6 TB

Total Data Cataloged

10.2 PB

Kevin Wierman, June 5, 2017