

NOvA Operations Status

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Detector Operations

Only 32 minutes NearDet downtime since 10/26

Due to a DAQ crash

**358 minutes FarDet downtime due to DAQ crashes;
(278 with beam)**

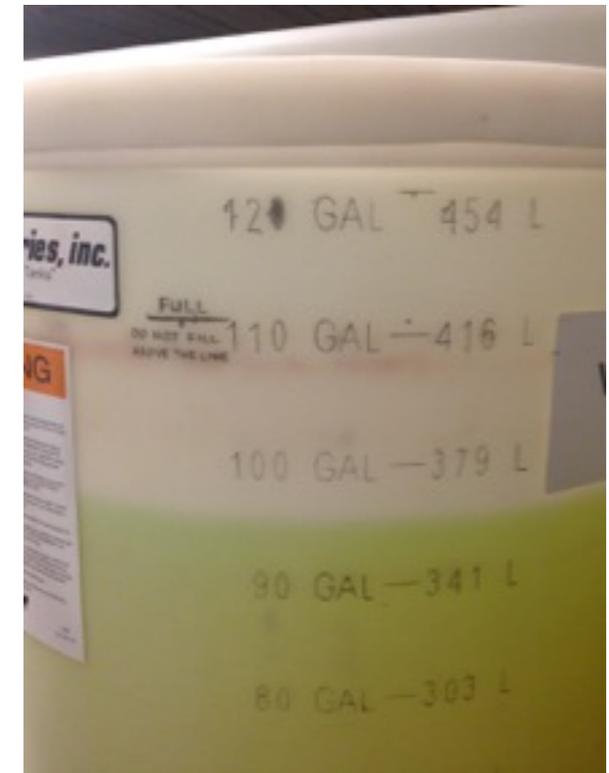
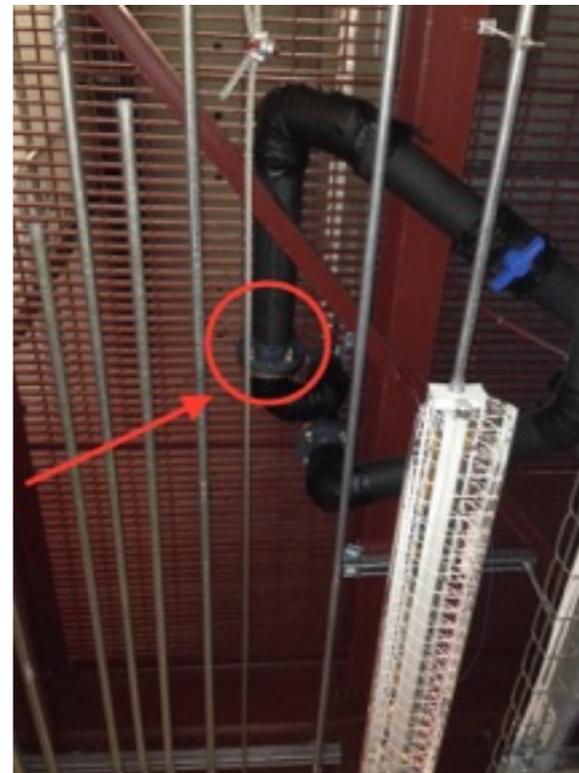
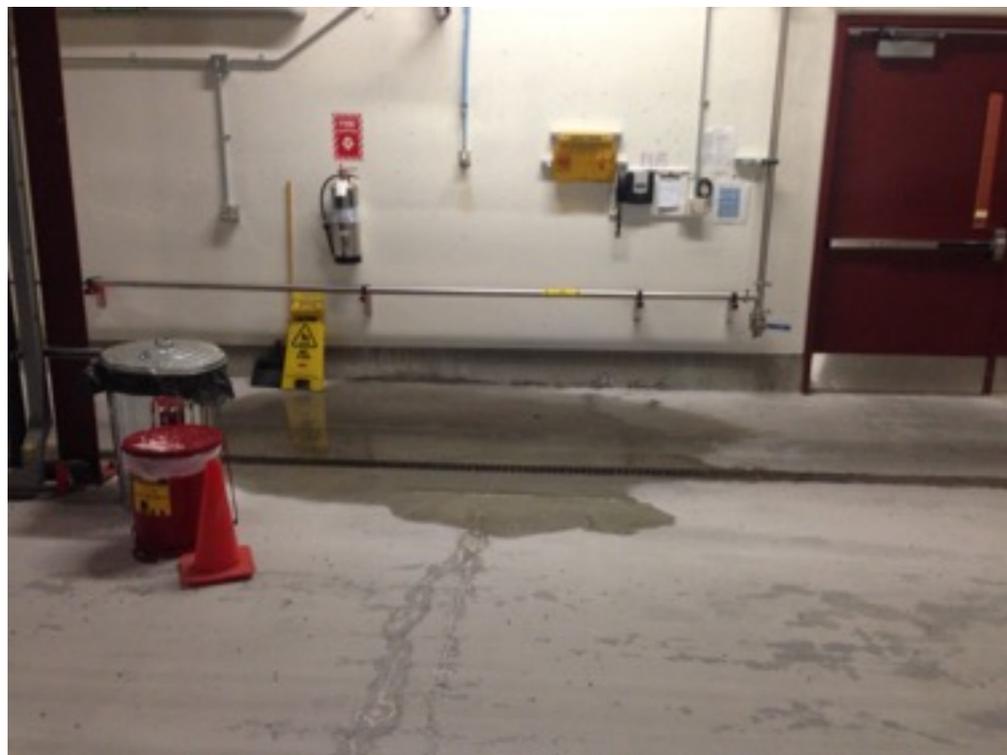
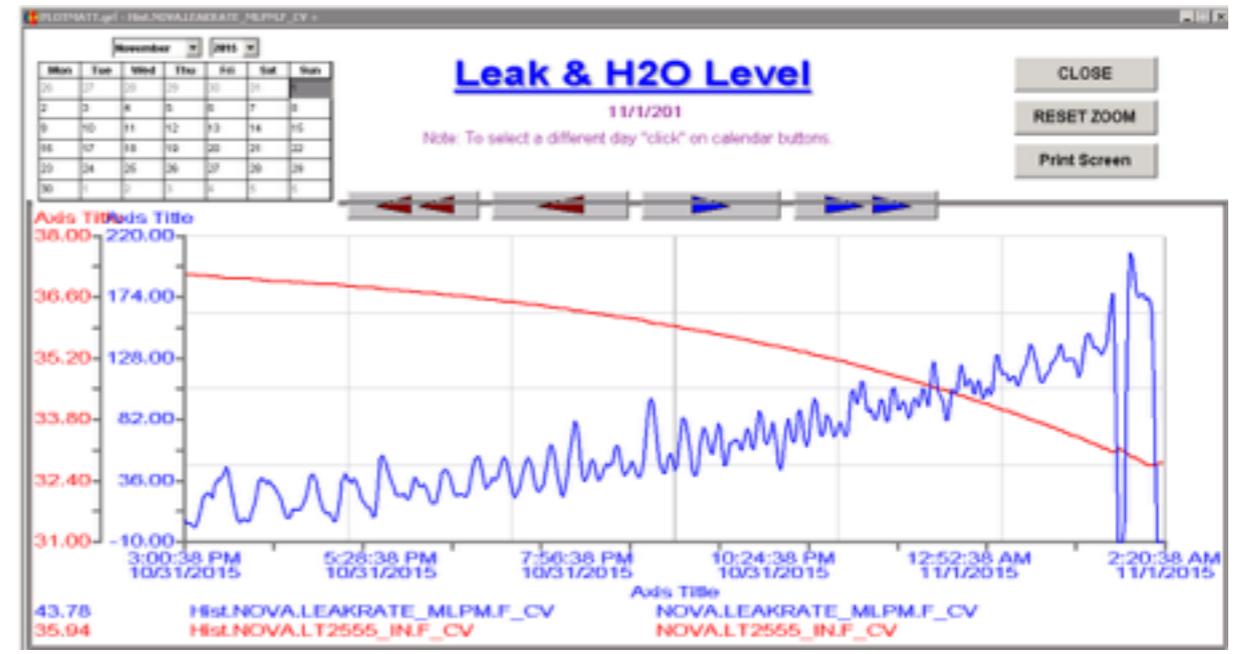
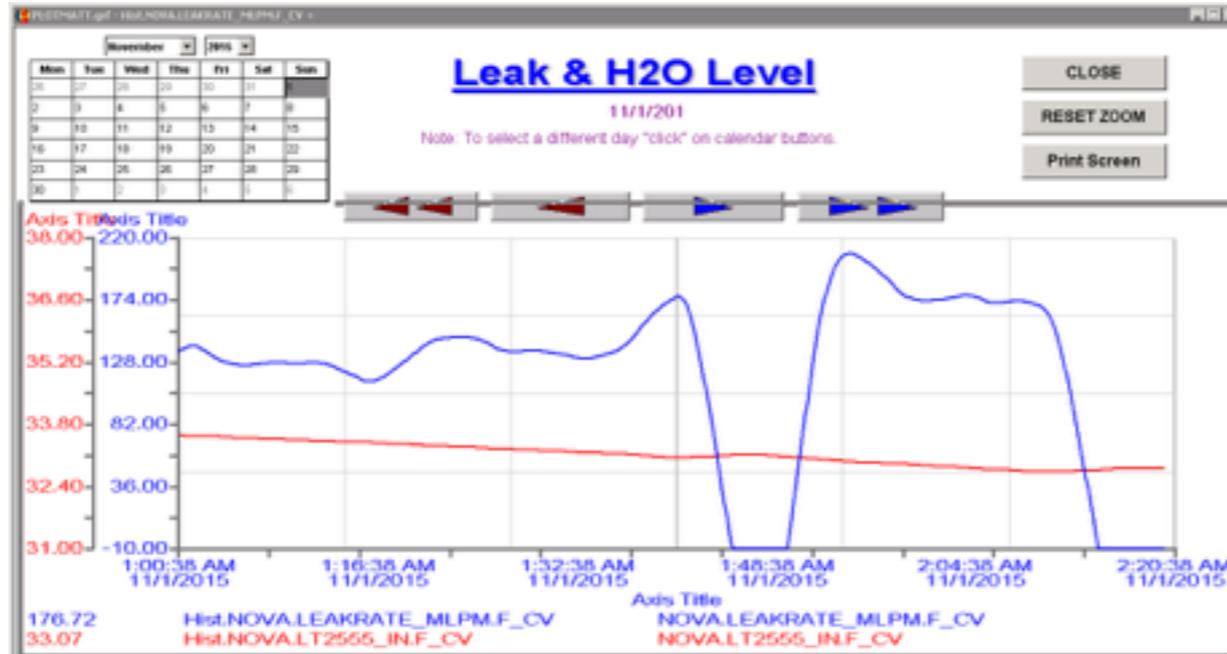
212 minutes cited same error message, which references our Data Logger. We have tests scheduled this week for a new version of Data Logger which may address many of these downtimes.

19 hour FarDet downtime due to chiller leak

Chiller water did not get on detector; interlocks (triggered by low flow) tripped at ~1:40 AM on Nov 1; 12 hours to recover from power outage (workers on site at Ash River); 7 hours to bring DAQ back to running state (mostly to address problems in timing chains)

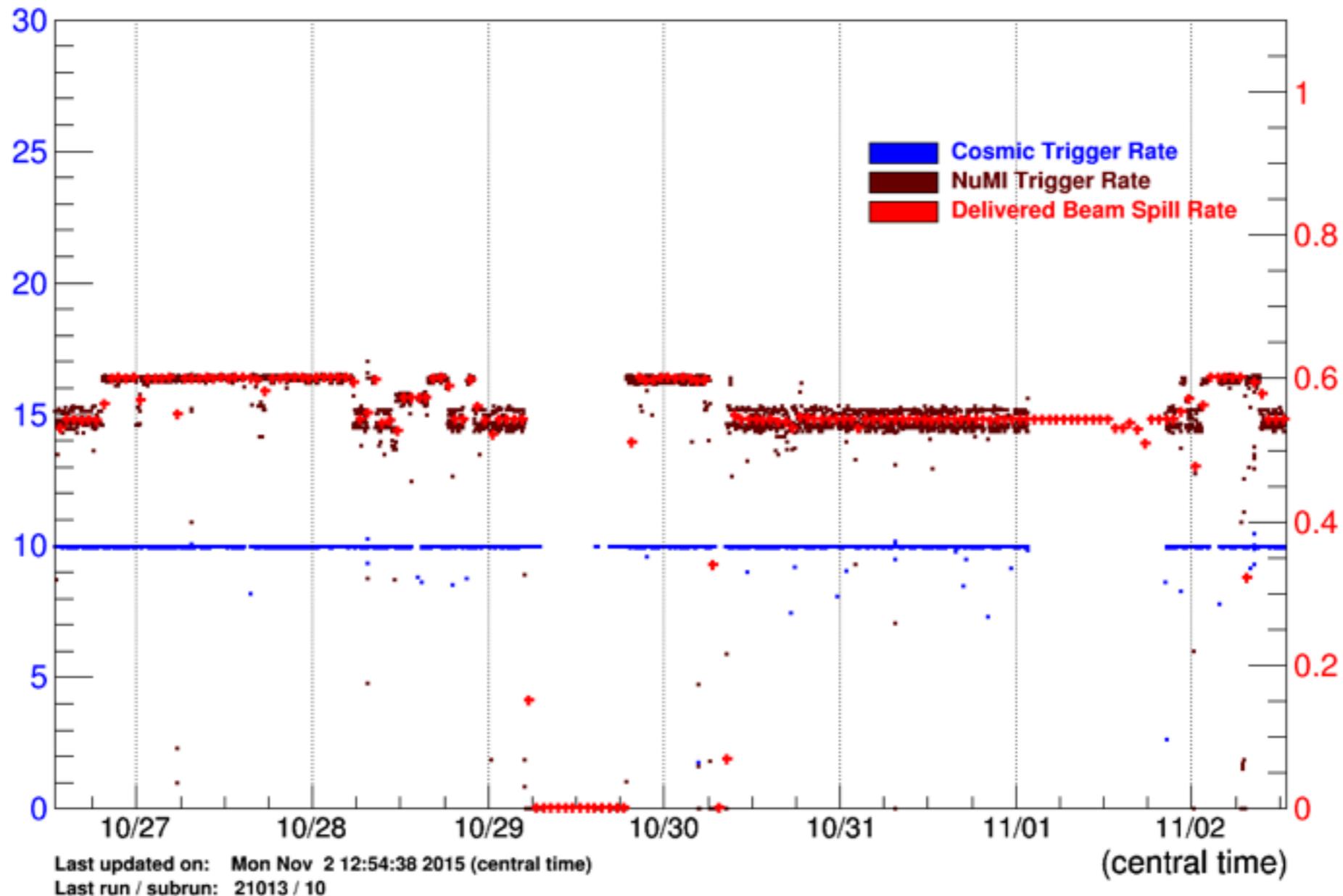
FarDet up and taking data as of 20:00 last night (Nov 1)

Extended FD downtime Nov 1 after chiller leak tripped interlocks



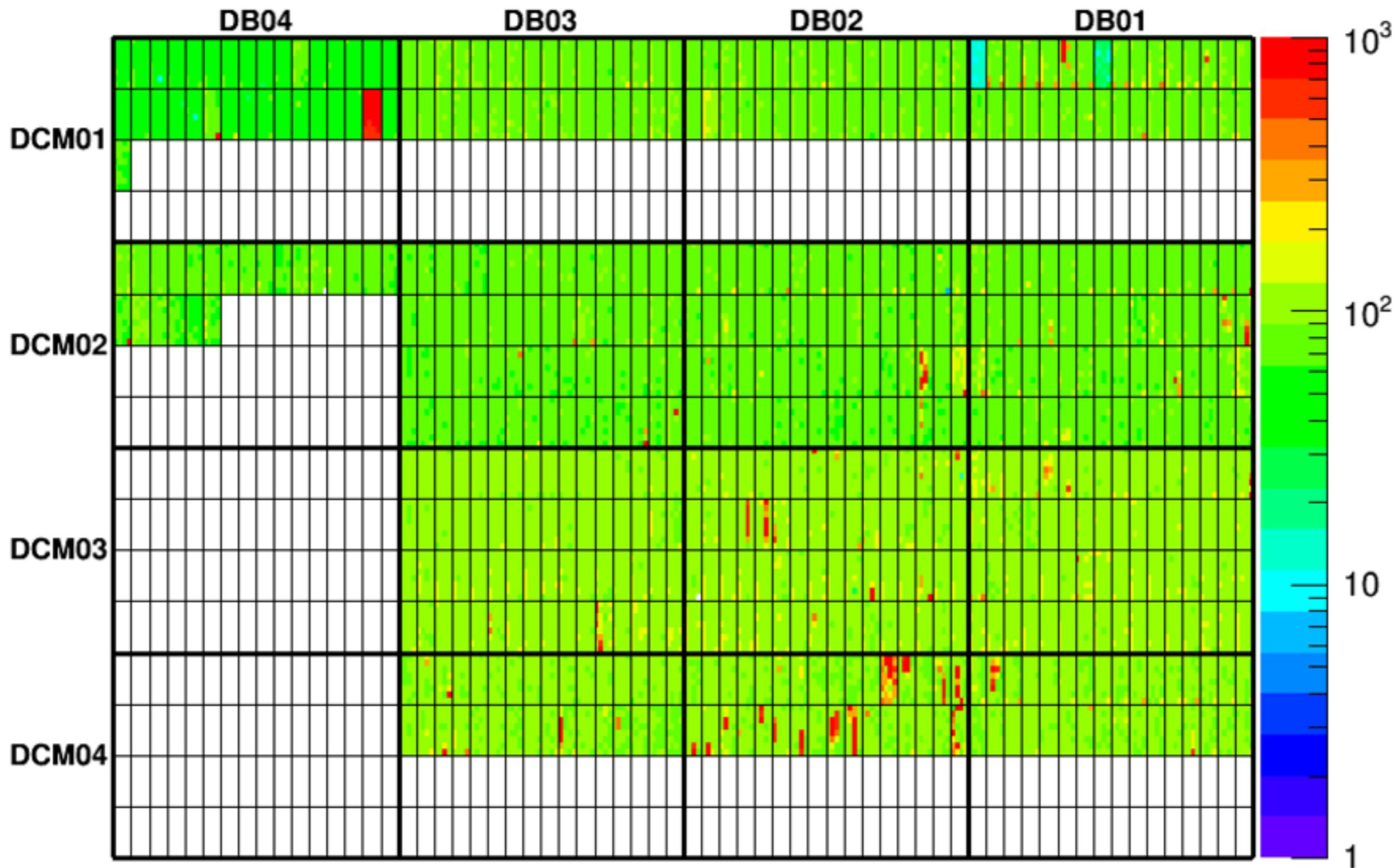
FarDet recorded 85% of delivered POT last week

Average Trigger and Spill Rates (Hz) - partition 1



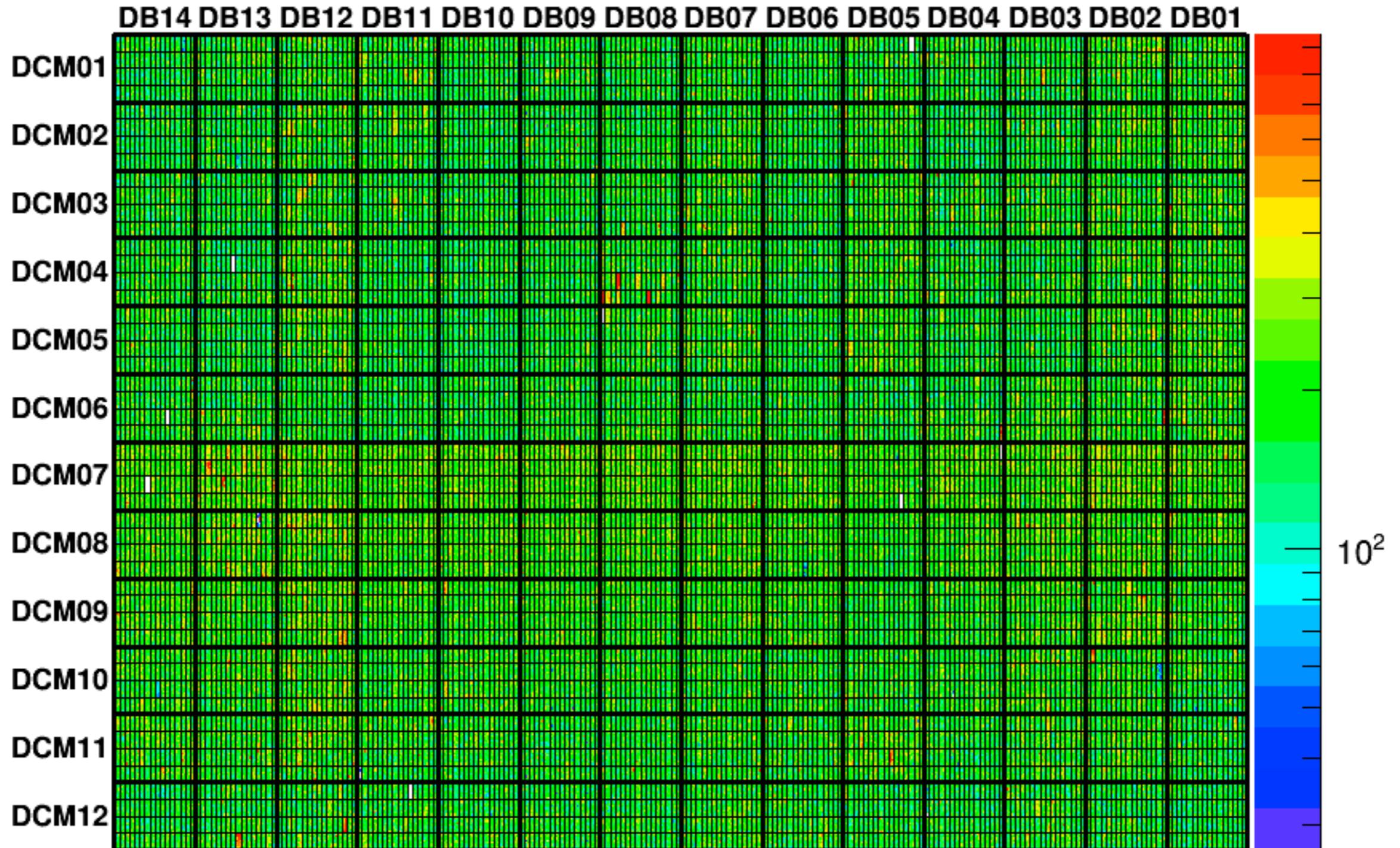
NearDet FEB Hit Rates (by pixel)

Hit rate recorded by Pixel in Hz

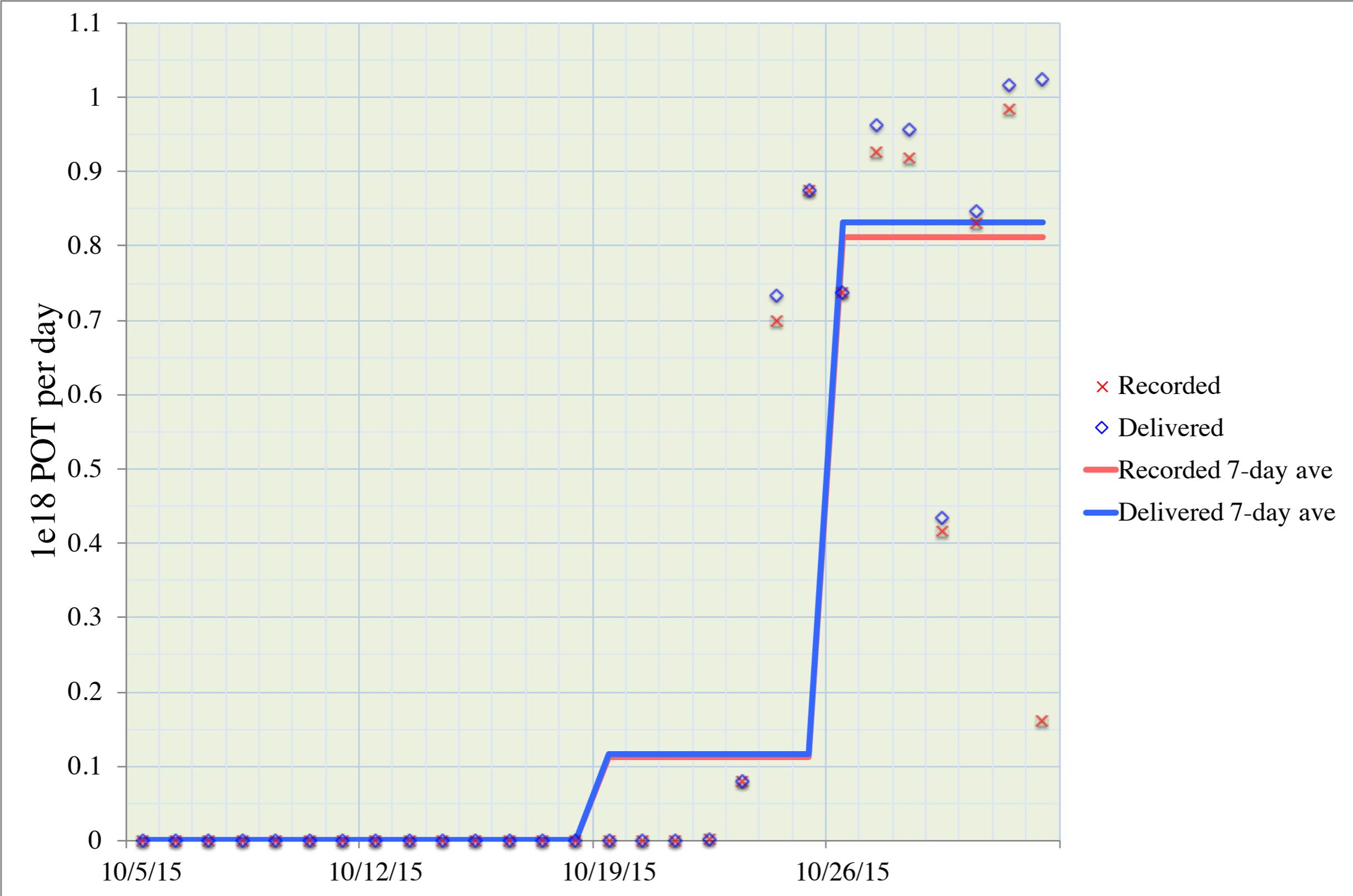


FarDet: FEB Hit Rates (by pixel)

Hit rate recorded by Pixel in Hz



FD: Accumulated POTs



FD: Protons Recorded / Delivered

