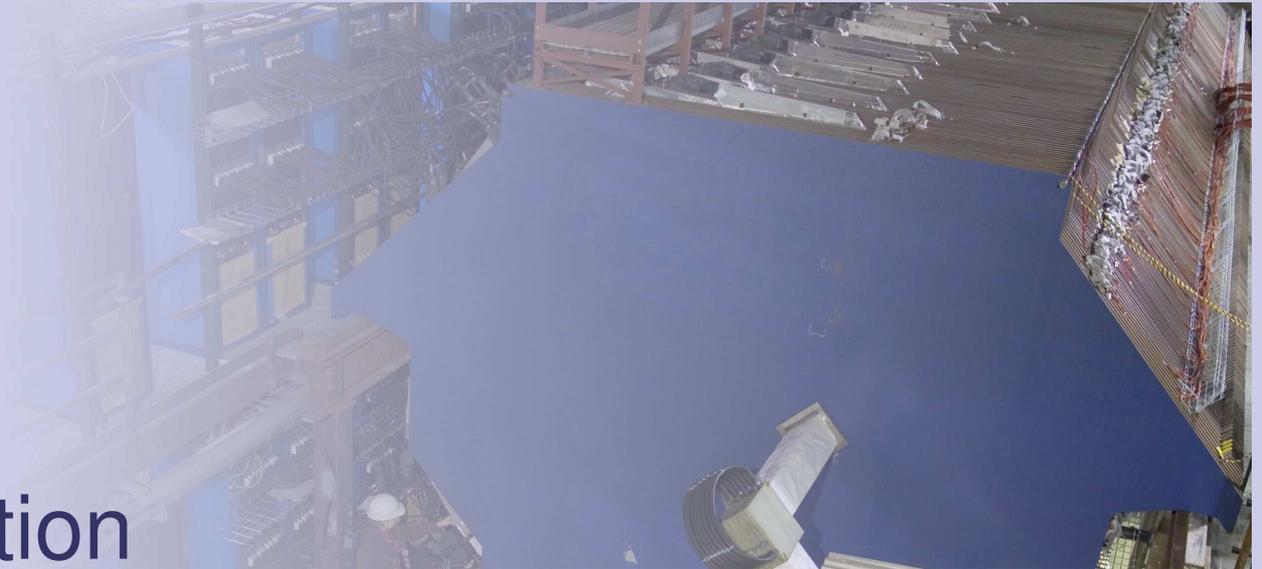
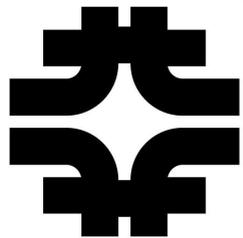


NuMI-MINOS status report

Phil Adamson
Fermilab Accelerator Division

for the
MINOS collaboration

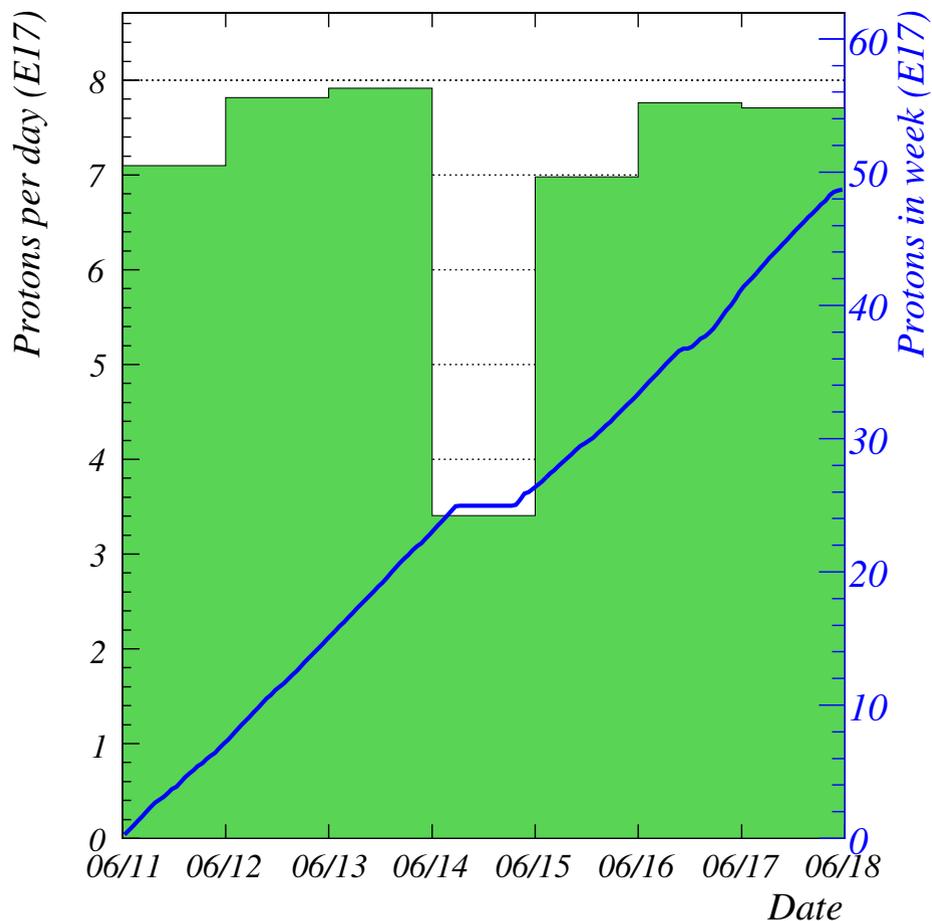




This week

P. Adamson
Accelerator Division
Fermilab

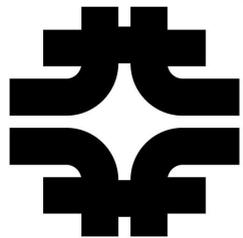
Week to 00:00 Monday 18 June 2007



- ▷ 4.87×10^{18} protons this week
- ▷ Pretty good for a week with an access day
- ▷ Detector uptimes 98.67% (near) and 99.53% (far)

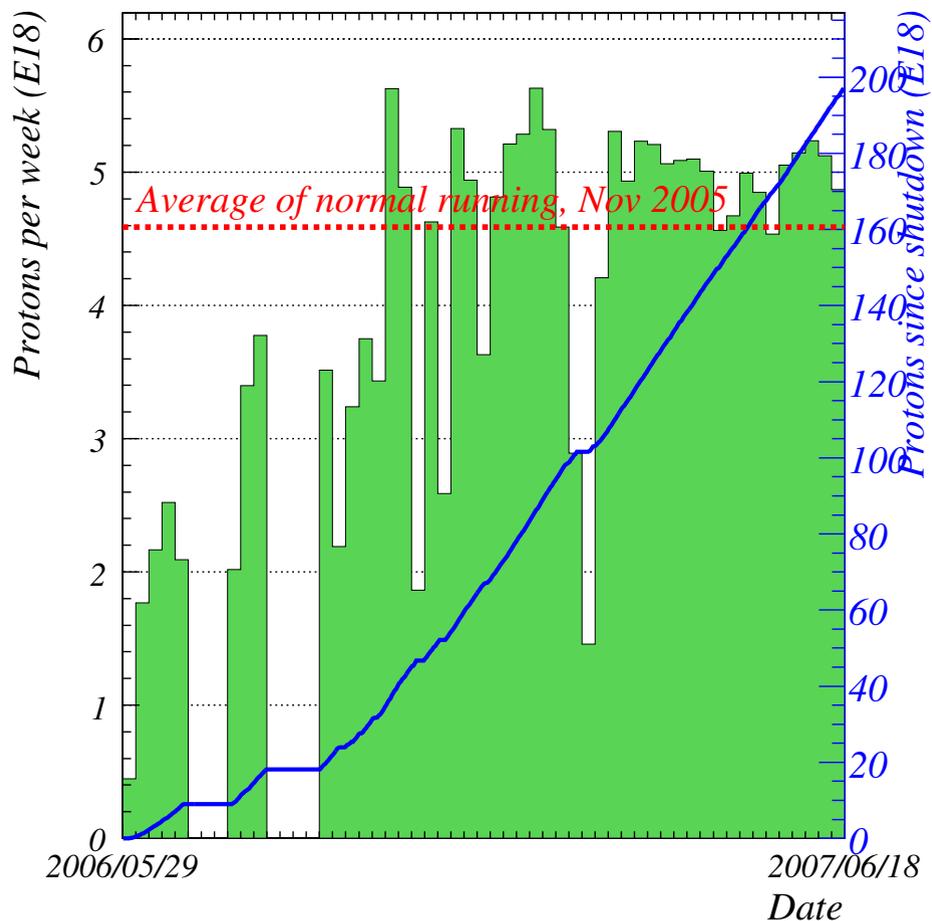
This week:

- ▷ Signal from MI RF connected to NuMI permit
 - ⇒ Trips NuMI when an MI RF station goes down
 - ⇒ Should prevent rad trips and losses in beamline
- ▷ Beam spot increased from 1mm to 1.2mm
 - ⇒ We need to do this for high intensity running after the shutdown...

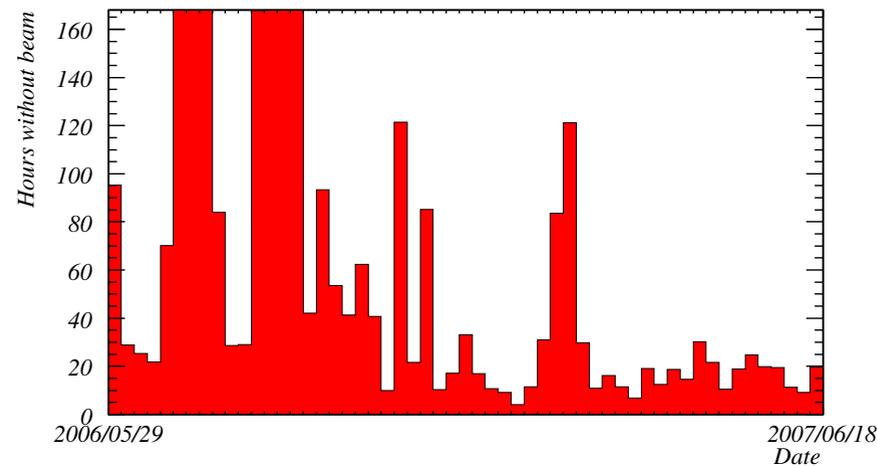


This week

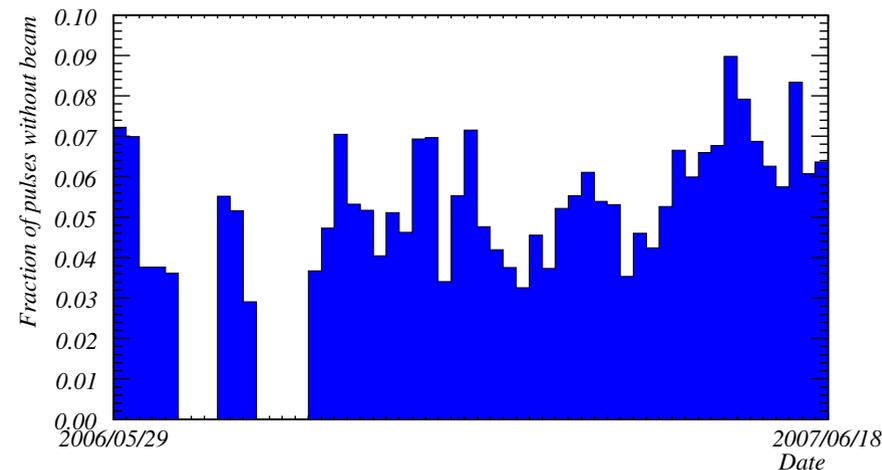
Weekly protons to 00:00 Monday 18 June 2007



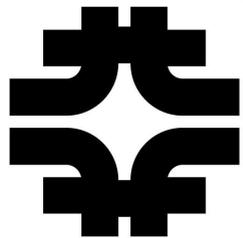
Weekly Downtime to 00:00 Monday 18 June 2007



Weekly Missing Pulse Fraction to 00:00 Monday 18 June 2007

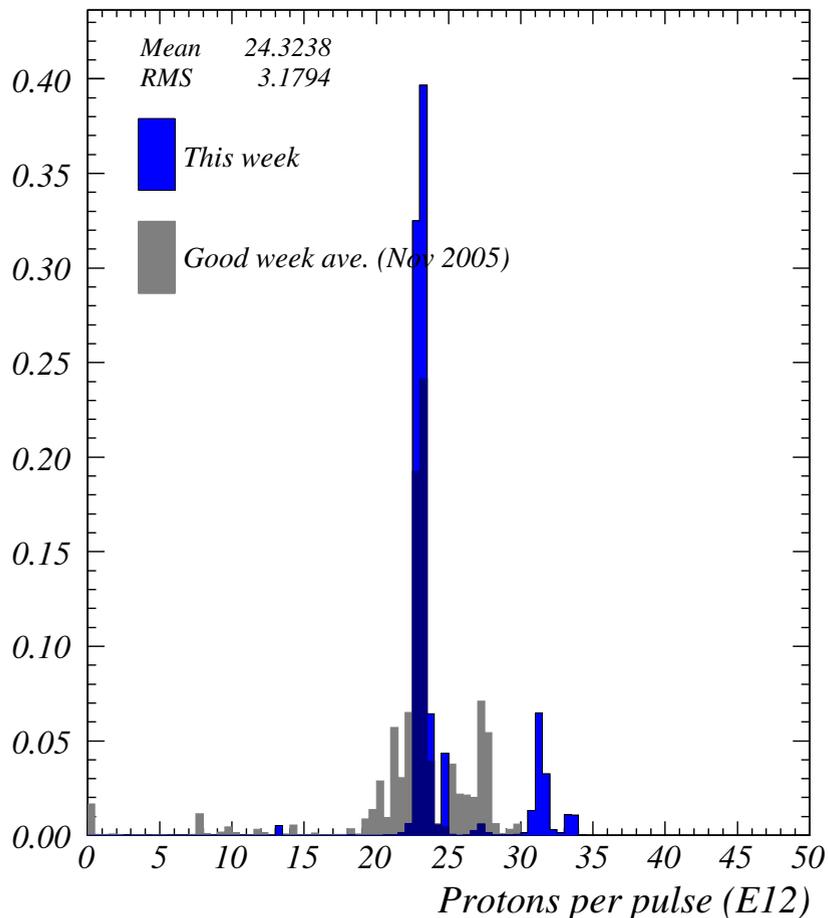


- ▶ Total 20 hours beam downtime this week. About 14 hours was the access.
- ▶ 6% of pulses missed—normal for recent weeks

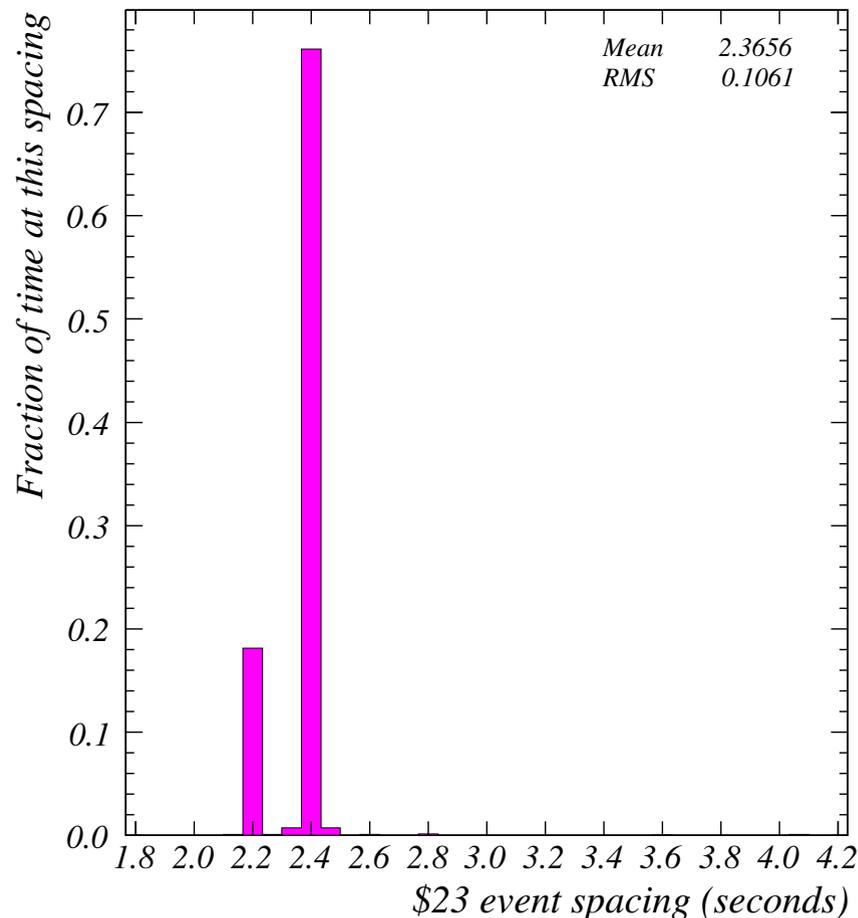


In detail...

Week ending 00:00 Monday 18 June 2007



Week ending 00:00 Monday 18 June 2007



- ▶ Booster mostly running 11 turns
- ▶ Managed 12 turns at night on the weekend