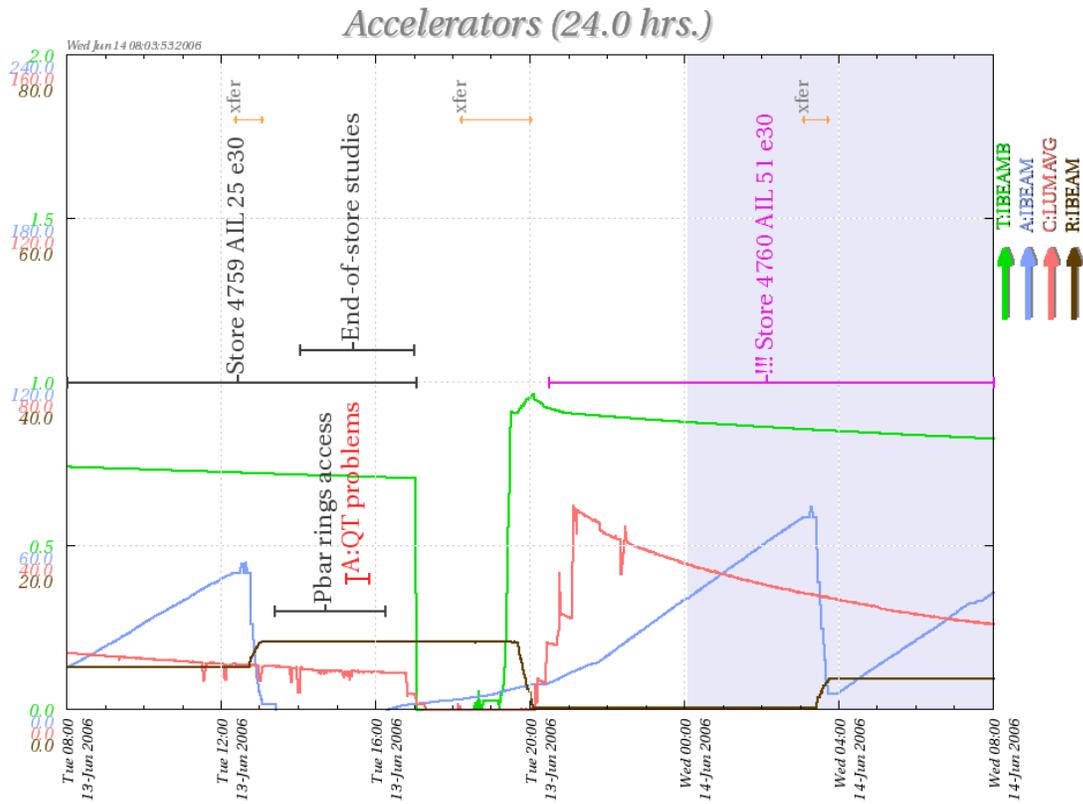
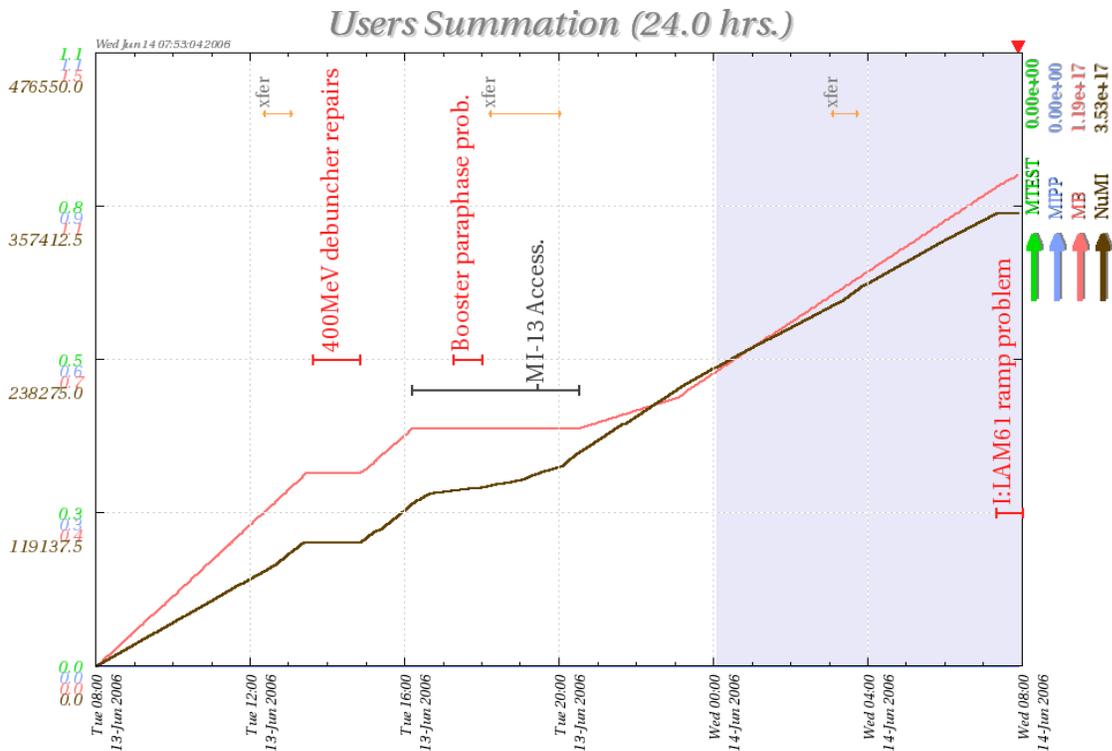


• **Crew Chief Summary:**



Pasted from <http://www-bd.fnal.gov/mcr/plots/24hr_plot_Accelerators_8_3_55.png>



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- **Notes from Run Coordinator:**
 - Challenging start to store, but Tevatron is encouraging
 - Still large difference between CDF and D0 luminosity.
 - Pushing intensity and getting stack rate up.
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- **Machine Summaries:**
 - **Linac**
 - Summary:
 - Running at 34ma
 - Debuncher water skid had no overnight trips.
 -
 - Requests:
 - New NMR probe. Two 30 minute access.
 - **Booster**
 - Summary:
 - Running well
 - Working on orbit
 - BEX3 PS work and tuned on orbit
 - Did 4 bump at L3, change position and angle in 8GeV line.
 - Running 6-8 turns, 90% efficient.
 - Cogging problem in late afternoon. Connector problem.
 - Requests:
 - Load new code in 400MeV FE. To allow analog alarms inhibit beam.
 - Look at cogging issues - for 30 minutes. Continue tuning the orbit.
 - Friday - want to move in collimators.
 - **Main Injector**
 - Summary:
 - Shot - beam was on, so no closure changes were needed
 - Emittances better, esp. H
 - Coalescing efficiency 84%
 - Calibration problem in one of the corrector is the BLT problem. Will be a new system.
 - RF8 off during the shot. Controls system didn't catch it.
 - Requests:
 - MI40 BPMs being put into a new system.
 - **Pbar**
 - Summary:
 - Power supply ramp timing V105 -
 - Access
 - ◆ Debuncher turbos turned off
 - A:QT had problems on startup. Obie fixed.
 - Kicker stands moved to increase flux into debuncher
 - 11ma/hr, prod eff 16. Still down 10-15 percent of expected.
 -
 - Requests:
 - More beam on target
 - **Tevatron**
 - Summary:
 - EOS studies
 - Separator scans. No changes. Things optimal
 - Lowered position vertically 3mm at abort dump so that Pbars can hit the abort better.
 - No flying wire data, crate is out for work.

- No flying wire data, crate is out for work.
 - McGinnis system to close Pbars into the Tevatron. Last night it ran, but the data could not be interpreted
 - D17V separator had wrong polarity at collisions
 - Flipped and rescraped.
 - CDF noted that the abort gap losses were getting high
 - Ops tried changing timing of the lens, with no affect.
 -
- Requests:
 - 1 hour study to verify tune mult
 - 1 hour at 150GeV. Pingers to make coupling measurements are not working.
- **Recycler**
 - Summary:
 - Operational.
 - AC for P21 peanut.
 - Contractor worked on SF6 - failed measuring flow.
 - Requests:
 - higher efficiencies from Accumulator
 - Bigger stash
- **SY120**
 - Summary:
 - No report
 - Requests:
 -
- **MiniBooNE**
 - Summary:
 - Accessing MI-13 to work on Muon counter
 -
 - Requests:
 - Low intensity run tomorrow for data for LMC
- **NuMI**
 - Summary:
 - Scare in eve. He flow went off, readback problem.
 - Lambertson ramp is sick. Experts are investigating.
 - Requests:
 - More intensity.
 -
- **CDF**
 - Summary:
 - Many problems on previous store were fixed or at least understood.
 - Luminosity monitor. Some photomultiplier tube HV were adjusted. Finished. Half of the photomultiplier tubes were replaced during the shtudown
 - Software problems fixed.
 - Want to put in Silicon, but held off by amount of beam in the abort gap. AGIG2 increasing. Must be below 3 with gradient 0.5. (Want under 5 for three hours.) Was above the TeV abort limit. Need one to two hour limit.
 - Requests:
 - 2.5 hour access request
- **DO**
 - Summary:
 - Yesterday, over 1 pb⁻¹ delivered
 - 4769 - special runs. During current store, pushing to get physics trigger list running.
 - Beam spot, 400 microns off nominal. No adjustments requested. x=.4mm, y=4mm Nominals are x=.75, y=1.2mm
 - High proton halo rates compared to pre-shutdown

- Requests:
 - Access
 - **FESS**
 - Summary:
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 - Requests:
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 - **Mechanical**
 - Summary:
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 - Requests:
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 - **Cryo**
 - Summary:
 - Rebooted all fridge front ends
 - Want to certify Linux
 - Requests:
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- **The Plan**
 - Summary:
 - Store in through evening.
 - Keep working on transfers to RR. Next one at 70e10
 - Next few days, up the pbar and proton intensities.
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 - Requests:
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