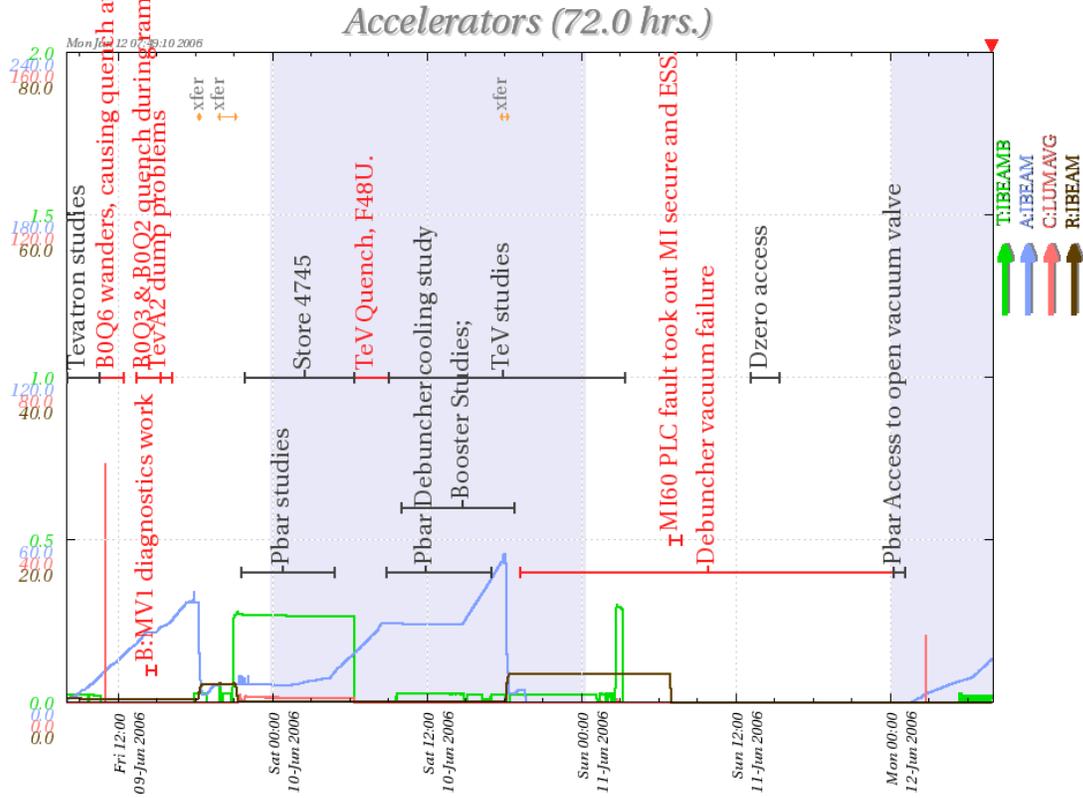
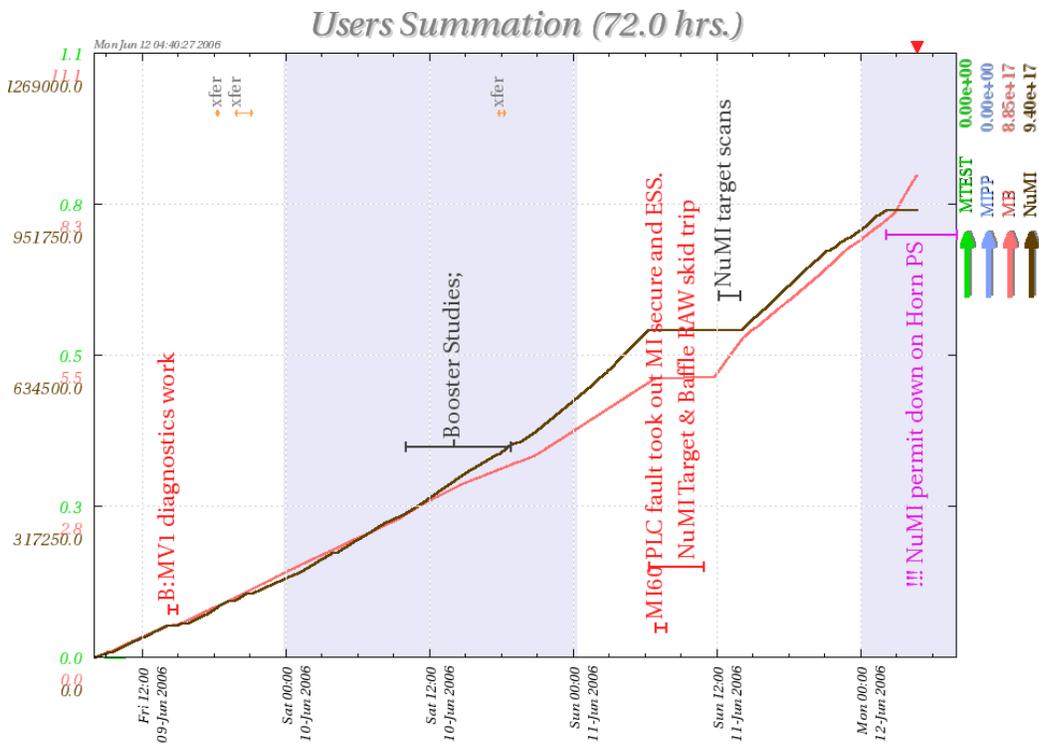


• **Crew Chief Summary:**



Pasted from <http://www-bd.fnal.gov/mcr/plots/72hr_plot_Accelerators_7_49_27.png>



○

- **Notes from Integration:**

- Shot went well on Friday evening
- Did have a separator spark at low beta.
- Would like to do a 36x36 today. Not a lot of Pbars.
- Would like to do a shot with 50e10 pbars.
- NuMI is a big concern.
- Progress from Booster.

- **Machine Summaries:**

- **Linac**

- Summary:
 - Ran well
 - Intensity is a little low.
 - Debuncher water skid trips. Installed diagnostics and replaced a component.
- Requests:
 -

- **Booster**

- Summary:
 - Running 88-90% eff. At 5-6 turns.
 - 400MeV PSs were spiking off of their nominals. Correlated with losses in the ring. Experts investigating.
- Requests:
 - Bump around ring with ramped correctors
 - Tune on higher order ramps
 - Try to run higher intensity to MiniBooNE.
 - Move collimators in to touch positions.

- **Main Injector**

- Summary:
 - Friday still get station 8 and 11 tripping.
 - Corrector 518, 519, 520 tripped.
- Requests:
 - Put in \$2A/\$2E event with protons to see why stations are tripping.

- **Pbar**

- Summary:
 - Friday 4-8GHz phased. Looks encouraging
 - Took 8 GeV lattice data.
 - Deb. Emittances 32 pi x 34 pi. Good.
 - SEM RMS profile
 - Vacuum failure - RF feed throughs on 201 kicker tank.
 - D:IB needed change.
 - Oscillation overthruster looking at AP1 but not AP2 data. Have to do old fashion target tune.
 - Stacking 6-7ma/hr. Production is low 12-13.
- Requests:
 - Access to valve out turbo pumps.
 -

- **Tevatron**

- Summary:
 - Friday
 - ◆ Low beta quads
 - ◆ A2 dump
 - Shot had mixture of old and new helix. Old helix at collisions. 12x12.
 - Big pbars coming out of MI.

- Big pbars coming out of MI.
 - Flying wires, agig2, synch lite all did not work
 - TEL was mistimed as went up the ramps. Caused coherent lines on the SA.
 - Quench happened before the abort. Not sure why.
 - Saturday commissioned new collision helix. Did separator scans with new collision helix.
 - 24 hours of conditioning separators.
 - Ready for a 36x36.
- Requests:
 -
- **Recycler**
 - Summary:
 - Happy with cooling performance, both e- and stochastic.
 - Got highest drag rates they have ever seen.
 - e- beam studies until they can get more pbars
 - CE PS trips.
 - Still need to balance mining 9 to make them equal.
 - Requests:
 -
- **SY120**
 - Summary:
 - Ready for beam when available.
 - Requests:
 -
- **MiniBooNE**
 - Summary:
 - 90% uptime
 -
 - Requests:
 - LMC - need an 8 hr day shift access.
- **NuMI**
 - Summary:
 - 1st failure. When MI is running mixed mode has a different orbit than when running NuMI only.
 - Horn ground fault problem is being investigated.
 - Requests:
 -
 -
- **CDF**
 - Summary:
 - Store on Friday really pleased with. Used to shake down parts of detector.
 - Weekend - further shake down system. Then took cosmic rays.
 - Requests:
 - 2.5hr access during day shift.
- **DO**
 - Summary:
 - Appreciate store
 - Got trigger running within 30 minutes
 - Taking triggers with upgraded CCT,
 - Efficiency was 60%
 - Had calorimeter noisew ehen running.
 - Muon control board installed Sunday during access. If tests are successful, will request a long access to change out A-layer PDTs
 - Replaced AFE power supply.
 - Requests:
 -
- **FESS**
 - Summary:

- Summary:
 -
 - Requests:
 -
- **Mechanical**
 - Summary:
 -
 - Requests:
 -
- **Other**
 - Summary:
 -
 - Requests:
 -
- **The Plan**
 - Summary:
 - 36x36 - get 50e10 in the Recycler to shoot from.
 - Requests:
 -