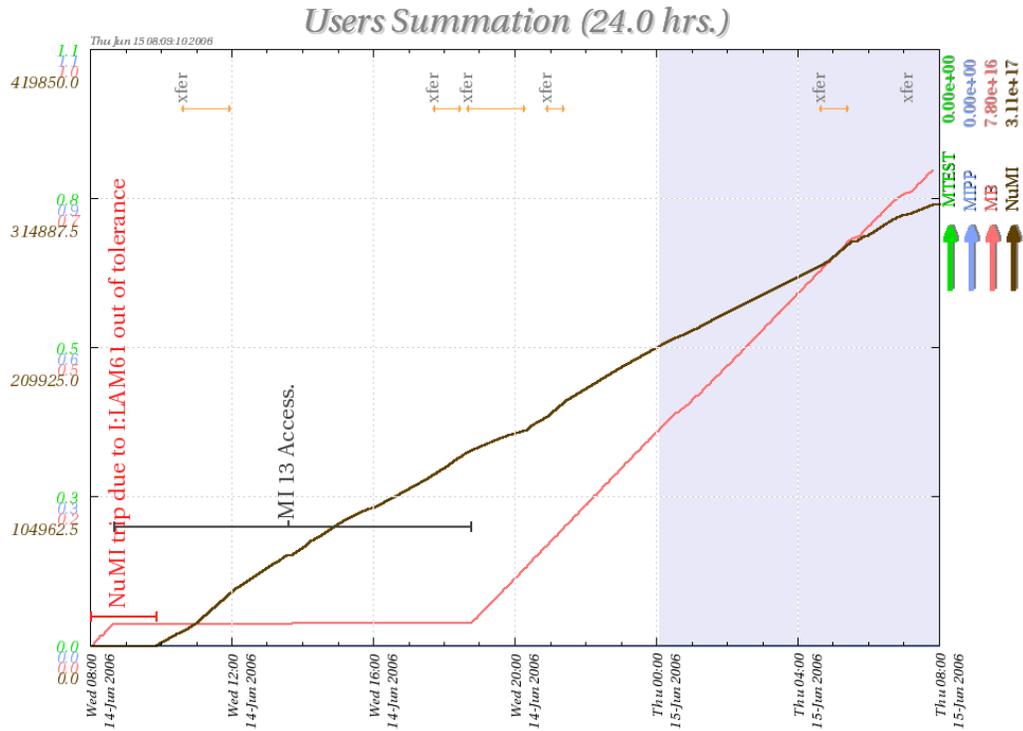
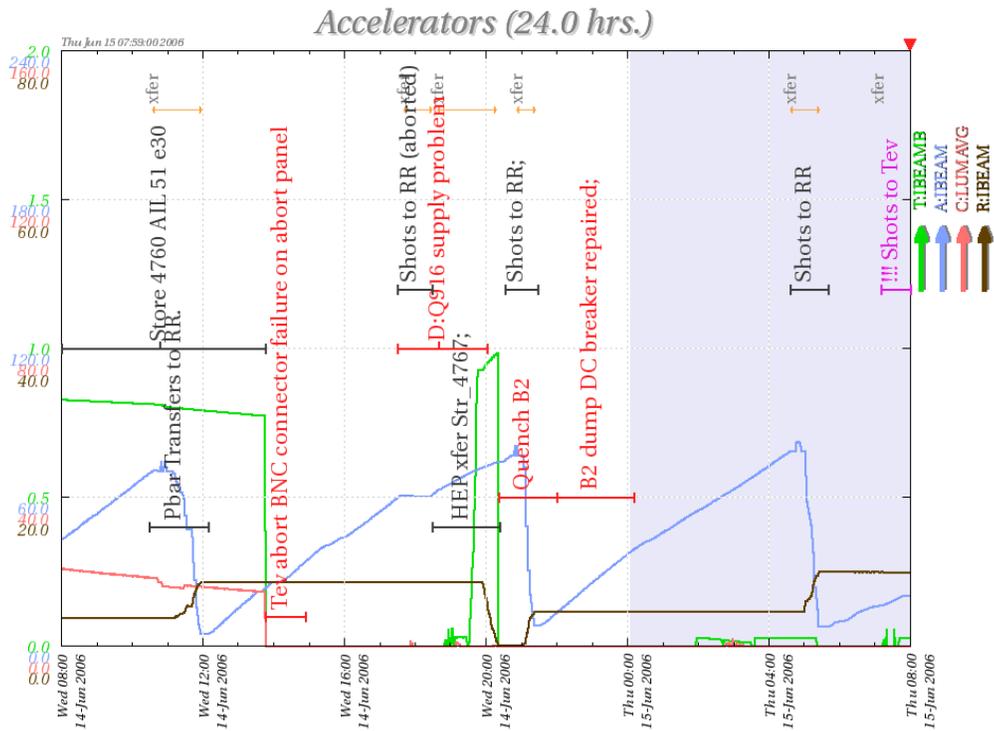


• **Crew Chief Summary:**



Pasted from <http://www-bd.fnal.gov/mcr/plots/24hr_plot_UsersSummation_8_9_17.png>



Pasted from <http://www-bd.fnal.gov/mcr/plots/24hr_plot_Accelerators_7_59_3.png>

-
- **Notes from Run Coordinator:**
 -
- **Machine Summaries:**
 - **Linac**
 - Summary:
 - Klystron 6 problems with power supply in charging supply. Est 40 minutes.
 - Some source sparking overnight.
 - Requests:
 - 1 hour for NMR probe installation.
 - **Booster**
 - Summary:
 - Running well 6-8 turns at 90%
 - Continue with orbit work.
 - 400MEV code downloaded successfully
 - Dampers are being commissioned
 - Orbits looked at to get collimators in. Need to clean up orbit horizontally and take IPM data before they can put the collimators in. Will be destructive.
 -
 - Requests:
 -
 - **Main Injector**
 - Summary:
 - RF Station 8 actually did not trip yesterday. It was actually a different station.
 - RF Station 16 tripped. John Reid is looking at the station.
 - Mixed mode #21 - found a conflict in mixed mode. Tune is incompatible with the Pbar 120 GeV. Will have to postpone.
 - Coalescing efficiency looked ok.
 - MI40 BPMs in all systems. BPMs were not usable overnight due to unforeseen database issues with the upgrade.
 - Requests:
 -
 - **Pbar**
 - Summary:
 - Lots of tuning. Centering pickups
 - 80 degree phase change to DRF1-7.
 - 5.6MV DRF voltage
 - Stacktail kicker tanks centering.
 - 716 trim in AP2 - doesn't track
 - 732 shunt in AP2 - dead
 - AP3 line quad tripped - replaced SCR firing circuit.
 - Accumulator core 1 amp bad
 - Some pickup tank motors won't work
 - Still chasing AP2 line orbit changes
 - Transfer efficiency has been poor.
 - When running well, stacking rate as high as 12-13ma/hr. Production 15-16e-6. Beam on target 5-6e12, down 30%.
 - Requests:
 -
 - **Tevatron**
 - Summary:
 - Working on reducing beam in abort gap AGIG2. Moved orbit vertically and horizontally, so had to move the e- beam to compensate. Increased pulse length of TEL, so couldnt run at 150-GeV.

- 150-GeV.
 - Worked on D17V separator. Found hardware problem and made adjustment.
 - Fixed kicker/pinger
 - McGinnis tuner may still not be working.
 - Lost the store at 150GeV with DC beam. Protons have a large radial orbit to the inside, scrape them to quench. Did some bumps to see how we are centered on the helix.
 - Turned TEL back on at 150GeV to help get rid of DC beam.
 - Want to fix to run short and long pulse.
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 -
 -
 - Requests:
 - EOS - 1 to 2 hours of alpha bump studies.
- **Recycler**
 - Summary:
 - Operating comfortably.
 - Ramped orbit length correction for 2e/2a
 - Used e- cooling a little. Intensities not high enough to need.
 -
 - Requests:
 -
- **SY120**
 - Summary:
 - Ready to try beam
 - Requests:
 -
- **MiniBooNE**
 - Summary:
 - Weren't able to finish LMC work yesterday, so ran low intensity overnight
 - In today doing LMC work
 - Requests:
 -
- **NuMI**
 - Summary:
 - Regular running
 - Requests:
 - More intensity.
 -
- **CDF**
 - Summary:
 - After DC beam cleaned out of abort gap, turned on Si.
 - Hor. 400 microns too far inside. 370 microradians of slope.
 - Controlled access - TDCs, time of flight issues, etc...
 - Were not able to get the 2.5 hr access request.
 - Repalced a number of phototubes. 7 phototubes that did not have data. Step in luminosity using those phototubes. Should be another small step between stores. Have more corrections.
 - Requests:
 - 2.5 hour access.
- **DO**
 - Summary:
 - Took central muon special run. Help cross check other data
 - Store lost, trigger download program worked on.
 - Controlled access - fixed bad links for CCT. Replaced central muon control board, L1 muon trigger card, etc..
 - Still analyzing data.
 - Requests:
 -
- **FESS**

- - Summary:
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 - Requests:
 -
- **Mechanical**
 - Summary:
 -
 - Requests:
 -
- **Other**
 - Summary:
 -
 - Requests:
 -
- **The Plan**
 - Summary:
 - Continue shot setup after KRF6 gets fixed.
 - Stable running.
 - Want to start pushing intensity.
 - Requests:
 -