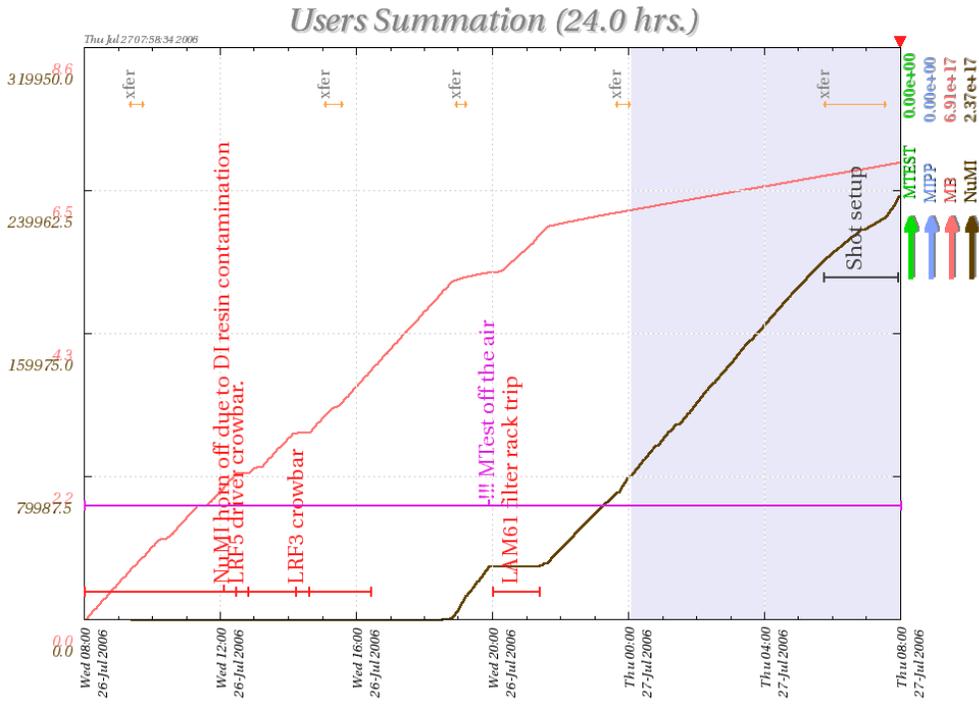


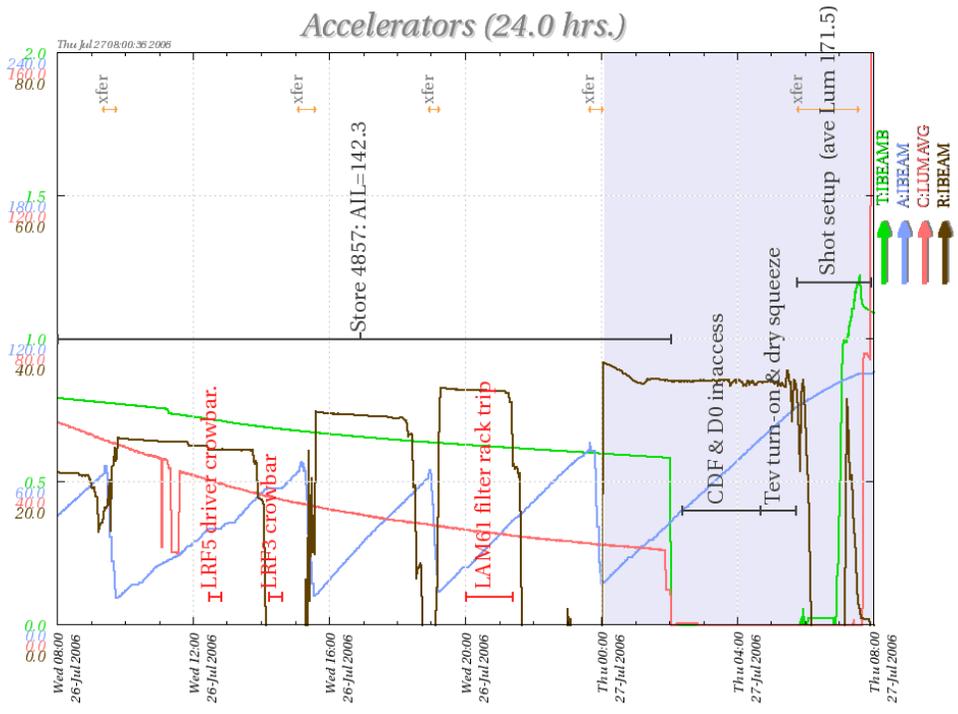
- **Crew Chief Summary:**

- **Users Plot**



- NuMI is back

- **Accelerators Plot**



- Store 4859 - 2nd best 171.2e30

- **Notes from Run Coordinator:**

- Pushed stash size
- This store is very close to record store.
- Emittances of protons and pbars better.
- Good to have NuMI back. Power supply problem impact NuMI and stacking as well.
- \$23s stacking only 6e12.

- **Machine Summaries:**

- **Linac**

- Summary:
 - Running well
 - Line voltage is low
 - NTF today and tomorrow
- Requests:
 -

- **Booster**

- Summary:
 - Tuning up
 - Beam out of Linac is varying a little.
 - Need to get tuned up on the \$19s.
- Requests:
 -

- **Main Injector**

- Summary:
 - BPM installation at MI60N complete
 - Running mixed modes on \$23s. Tune-up.
 - Problem with closure during Tev. Shot setup - experts will look into it.
- Requests:
 - Slip stacking study on \$2E

- **Pbar**

- Summary:
 - Pbar Stacking Numbers
 - ◆ Best Stacking = 16.3 mA/hr
 - ◆ <Production> = 16.7 e-6/proton
 - ◆ <Beam on Target> = 6.3 e12. Two reasons. NuMI is one, but also

- ◆ had a self imposed intensity limit earlier.
 - Thought there were problems in AP1 line. There was some re-cabling and database changes that were not taken into account.
 - ◆ Production eff averaged 21.5 when doing their studies with reduced intensity.
 - 4 Transfers
 - ◆ 93-94% to MI
 - Requests:
 -
- **Tevatron**
 - Summary:
 - Store terminated on owl shift
 - Had problems with abort gap losses creeping up.
 - Had to use TEL1 to sweep out the beam.
 - Don't have D0 luminosity at the beginning.
 - Last shot a good one.
 - Requests:
 -
- **Recycler**
 - Summary:
 - Made an effort for extraction to Tevatron
 - Average emittances were bigger than like - 6pi transfer horizontally.
 - Don't think they have a good handle on it. Without the DCCT, it is hard to tell. Emittances are normalized by DCCT electronics.
 - Only emittance is the flying wire, and its hard drive were failing.
 - Requests:
 - 1 hour access to replace preAmp.
- **SY120**
 - Summary:
 - May ask for \$21s in TLG.
 - Requests:
 -
- **MiniBooNE**
 - Summary:
 - 8 turns, 1e16 protons per hour.
 - Requests:
 -
- **NuMI**
 - Summary:
 - Beam came back.
 - Lots of permit system trips.
 - 11 turn losses are too high.
 - BPM problem
 - ◆ mi60N beam synch not coming out. Needs to be fixed.
 - Requests:
 - Get into LAM60 - filter was removed. Two problems
 - ◆ Reference dropping to zero in middle of ramp - fixed new beam synch decoder
 - ◆ Ramp shifts in time .2 sec.
 -
- **CDF**
 - Summary:
 - Power outage recovery for last store. They think everything fixed by 10pm.
 - Access to fix oscillating preamp on forward muon chamber. Power cycled it.
 - Current store running fine
 - Requests:
 -
- **D0**
 - Summary:
 - Yesterday 76%
 - Spent a couple of hours
 - Went in for access after the store ended.

- Went in for access after the store ended.
 - PDT work
 - Having L2 problem right now
 - Requests:
 -
 - **FESS**
 - Summary:
 -
 - Requests:
 -
 - **Mechanical**
 - Summary:
 -
 - Requests:
 -
 - **Other**
 - Summary:
 -
 - Requests:
 -
- **The Plan**
 - Summary:
 - Continue to spin the store....
 - Resolve NuMI power supply issues.
 - Requests:
 -