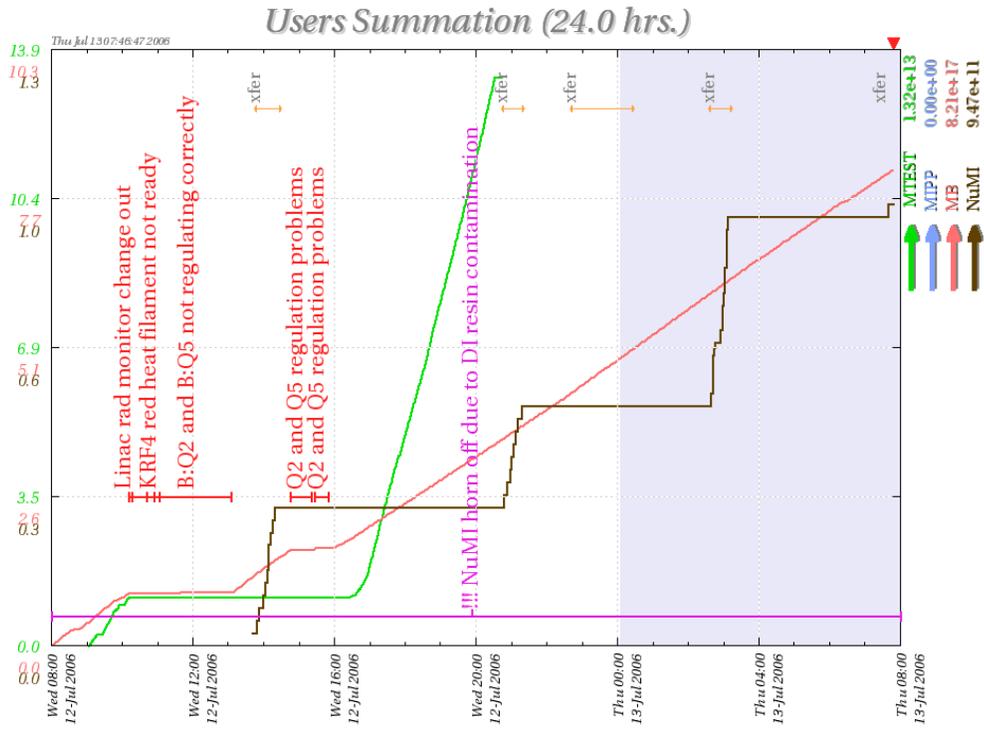
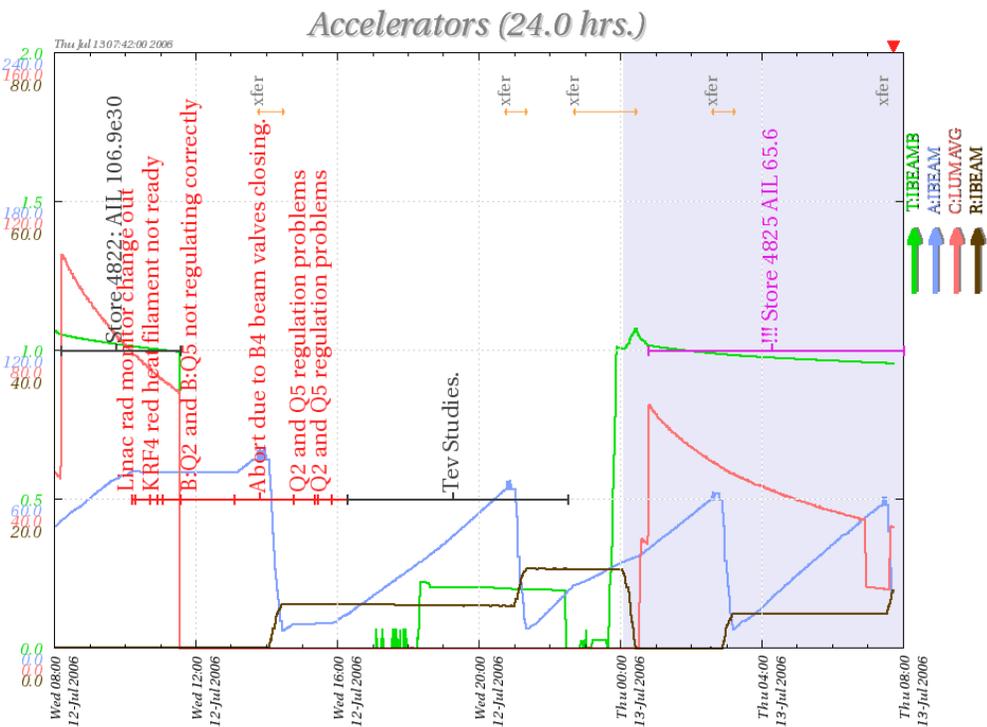


• **Crew Chief Summary:**



○ **Users Plot**



○ **Accelerators Plot**

- 
- 400 MeV Quads Q2 and Q5 - wall breaker problem.
- **Notes from Run Coordinator:**
  - No access today since Dzero does not need their access.
  - Put in a small store. Luminosity was a little low.
  - Approaching a warm and humid weekend.
- **Machine Summaries:**
  - **Linac**
    - Summary:
      - Filament on KRF4 - second trip in a month. Filament power down 200W, moved variac and came back. Probably a bad spot on the variac.
      - Water flow trips - turbine hung up - fixed with mechanical persuasion.
      - 34-35ma output
      - HE Linac losses high
      - LE Linac around tank 1 also needs work
      - NTF runs today. Last patient starts at 11am. By 1300 will be done
    - Requests:
      -
  - **Booster**
    - Summary:
      - Q2 and Q5 power supplies. At first looked like a controls problem, turning on and off.
      - Wall breaker - has loto lock feature that was stopping the breaker from tripping.
      - Some questionable RF stations.
      - Chopper tripping. Off tube problem.
    - Requests:
      -
  - **Main Injector**
    - Summary:
      - MI60S house BPM installation complete.
      - Repair MI20 and 30 BPM crate.
      - Have to examine BPM data
    - Requests:
      - Aperture scan
      - Slip stacking studies
  - **Pbar**
    - Summary:
      - Pbar Stacking Numbers
        - ◆ Best Stacking = 14.5 mA/hr
        - ◆ <Production> = 13.7 e-6/proton
        - ◆ <Beam on Target> = 6.2 e12
      - Problems with high losses in AP1 line
        - ◆ Overthruster was off, restored a different file.
      - Transfers
        - ◆ Efficiency to MI is 92% (up)
        - ◆ Efficiency MI to RR 100%
        - ◆ Using 1.2 eV-sec RF bucket.
      - Overthruster problems
        - ◆ Nathan Eddie found a problem on BPM Echotek boards. Will look into this further.
    - Requests:
      -
  - **Tevatron**
    - Summary:
      - Store 4822 - B4 vacuum valve closed. Changed out valve control board.

- control board.
  - Studies
    - ◆ Reverse injection orbits. In preparation for new BPMs
    - ◆ TEL2 studies
  - Current stores
    - ◆ Orbit smoothing modified to write to last sequence - done so that corrections will stay between stores.
- Requests:
  - three hours of EOS studies - calibrate HEP tune mults, check out B48V separator, and turn on ticker for new tune monitor.
- **Recycler**
  - Summary:
    - Successful demonstration of adaptive feed forward correction by Nathan Eddie.
    - Lost  $1.5e10$  in RF studies.
  - Requests:
    -
- **SY120**
  - Summary:
    - Running ok
  - Requests:
    -
- **MiniBooNE**
  - Summary:
    - Proton rate down to  $4e16p/hr$
    - Cleaning Acs today.
    - Would like to look at dehumidifiers on tunnel wall.
  - Requests:
    -
- **NuMI**
  - Summary:
    - Progress on getting resen beads out of water lines.
    - Talking about days, not weeks, to get this done.
    - Tried to dry out the water lines. Blowing air through it backwards.
  - Requests:
    - 
    -
- **CDF**
  - Summary:
    - 63%
    - Two downtimes
    - Luminosity dropped at 7am, CLC lum HV mainframe tripped.
    - Lost 1 hr - event builder controls software upgrade.
  - Requests:
    -
- **D0**
  - Summary:
    - 75%
    - Taking special muon runs
    - Also issues with preamp.
    - Not in access - preamp is behaving itself.
    - Have primary PDT chain is mostly ready - don't have the personnel, and second modifications not ready.
    - Beam spots stable, but xz beam tilt is beginning to drift. Limit 200urad,
  - Requests:
    -
- **Controls**
  - Summary:

- - Requests:
      - Take down Meson CAMAC FE to get the remote reboot card back in.
  - **Mechanical**
    - Summary:
      -
    - Requests:
      -
  - **Other**
    - Summary:
      -
    - Requests:
      -
- **The Plan**
  - Summary:
    - Runnning normal
    - Work on chopper and RF - couple hour access.
  - Requests:
    -