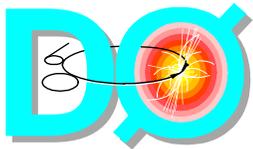


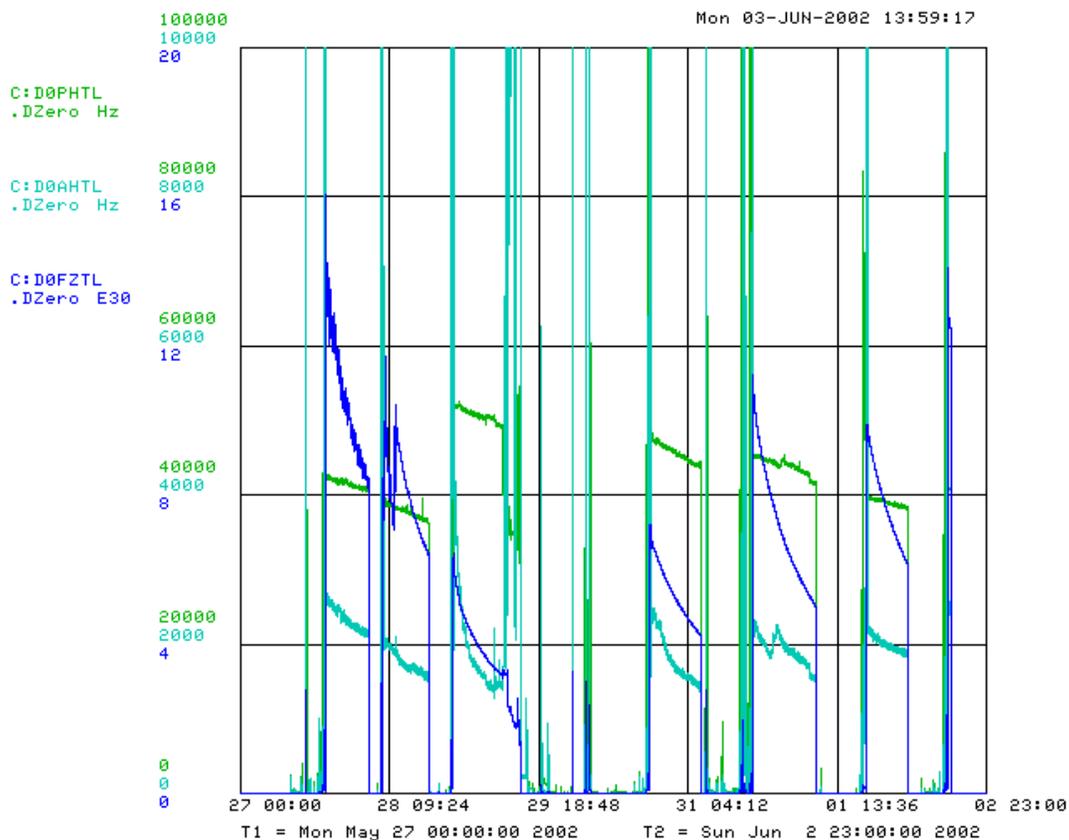
DØ Status: May 27-June 3

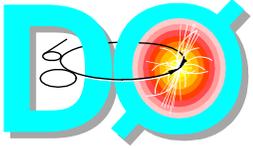
- Week integrated luminosity
 - ◆ 1.7pb^{-1} delivered
 - ◆ 0.9pb^{-1} utilized (55%)
- Data collection
 - ◆ global data collections during stores
 - ▲ physics trigger menu: v7.20 and v7.30
 - ◆ major improvements over last 2 weeks
 - ▲ new DAQ processors are installed and running in all tracking crates
 - ▲ multi-buffering is implemented in silicon and fiber tracker (front-end busy is down to less than 1% when running in multi-buffer mode)
 - ▲ new MFC cards are installed in all muon crates
 - ▲ new L1 calorimeter trigger cards are installed
 - ▲ L2 trigger diagnostic tools have been developed
 - ◆ large number of special runs collected
 - ▲ calorimeter L2 filtering
 - ▲ rapidity gap triggers studies
 - ▲ L3 trigger tracking
 - ◆ no major detector problems over last week
- Finished data collection for Summer Conferences



D0 Status

- D0 detector had no power for 1.5 hours on Sunday morning, May 26
 - ◆ due to holiday/DPF it took us ~8 hours to come back on-line (no loss of beam time)
 - ◆ known problems experienced after power outage
 - ▲ central muon trigger crate power supply failure
 - ▲ a few calorimeter BLS cards failed
- Proton and pbar losses during last week





Shutdown Plans

- Shutdown milestones
 - ◆ Monday, 06/03
 - ▲ at 5:00am all systems start turning power off
 - ▲ 6:00am - supervised access to the hall starts;
 - ▲ 6:45am - 7:30am power outage at D0, including all buildings;
 - ▲ 6:45am - 9:00am power outage for MCH and detector platform;
 - ▲ both EFs and CFs are opened by 5pm.
 - ◆ Thursday 06/06
 - ▲ power outage at D0 including all buildings: 7:00am-7:30am.
 - ◆ Friday, 06/07
 - ▲ repairs of the silicon LVPS are finished
 - ◆ Wednesday, 06/12
 - ▲ detector closing starting at 8am
 - ◆ Thursday, 06/13
 - ▲ survey of the closed detector
 - ◆ Friday, 06/14
 - ▲ day shift - Search and Secure of the D0 collision hall
- Progressing safely and on schedule
- There are detailed plans in each group to utilize shutdown time as efficient as possible
 - ◆ software/hardware modifications/upgrades
 - ◆ cosmic ray data samples, calibrations