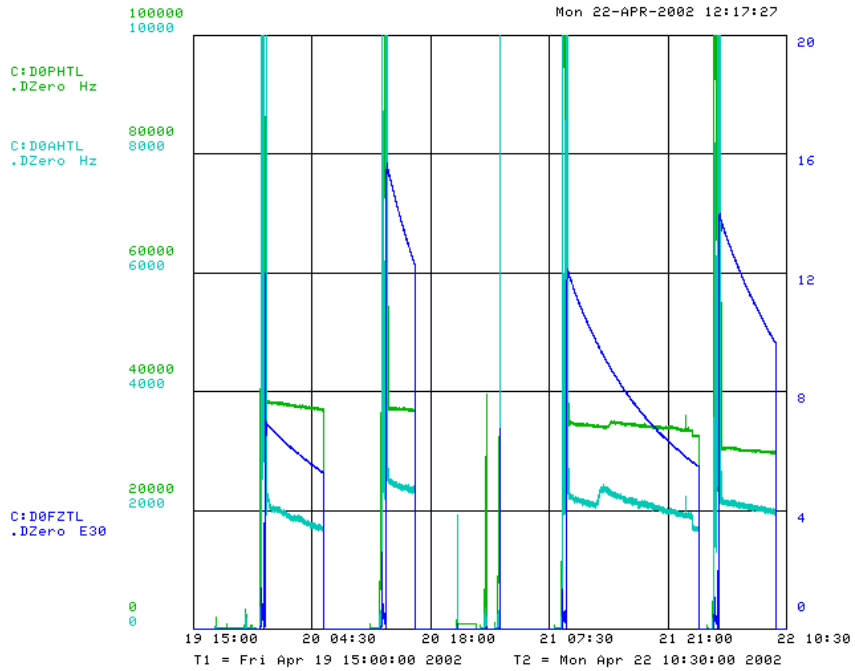
D0 Status: 04/15-04/22

- Week integrated luminosity
  - 0.93pb^{-1} delivered
  - 0.75pb^{-1} utilized (80%)
- Data collection
  - global data collections during all stores
    - full detector in readout
    - physics trigger menu: v5.01
  - major sources of downtime last week
    - startup after long shutdown
    - new DAQ system debugging/tests
    - prescales adjustments for high luminosity store
- Beam conditions

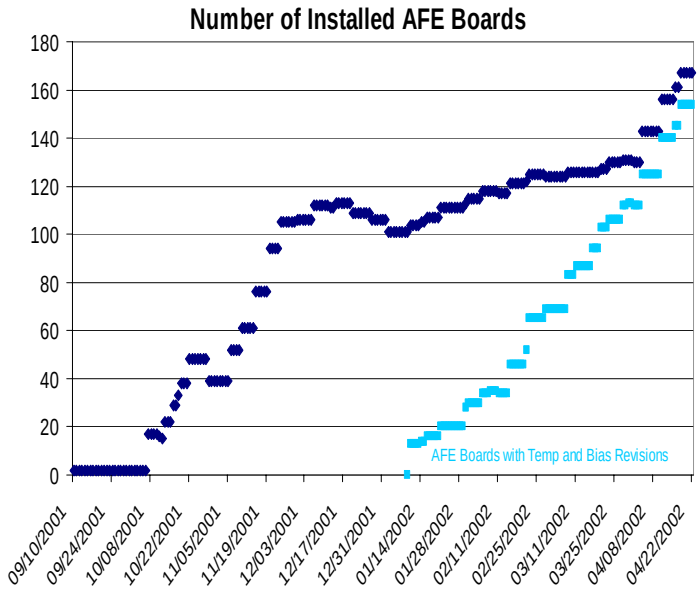


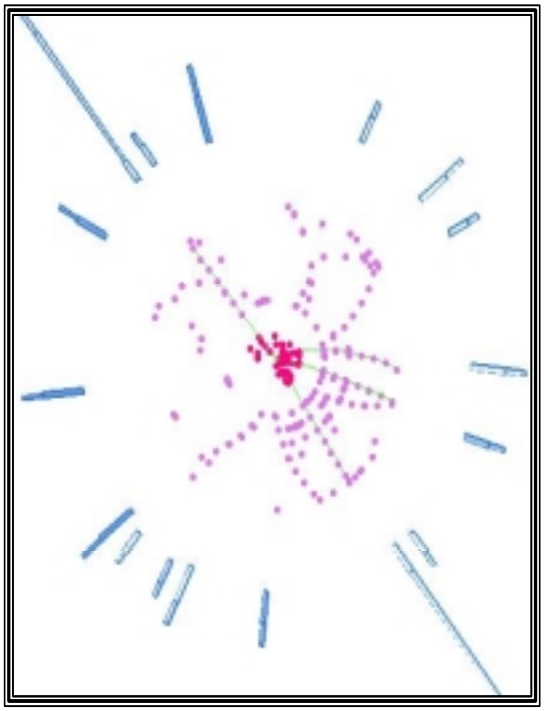
D0 Detector Status

- Luminosity detector
  - stable operation
- Silicon detector
  - silicon detector is running well since water leak was fixed 2 weeks ago
  - high voltage turn OFF time is down to 3 minutes
    - improvements in overall operating efficiency
  - studies of “grassy” noise in F-disks made by Micron are in progress
    - total of about 10% of F-disks channels are affected
    - increase in number of noisy strips vs time has been observed
- Calorimeter
  - stable operation
- Muon system
  - report by Dennis Shpakov today
- Forward Proton Detector
  - routine pots insertion during stores
  - timing studies done Saturday evening

Fiber Tracker Status

- 167 Analog Front End (AFE) boards currently installed on the platform
  - The Central Fiber Tracker is fully instrumented
  - The Central Preshower is fully instrumented
  - 92% of installed AFE boards have revised temperature control





  - Forward preshower
  - Operating parameters
    - optimization
  - Track reconstruction

This Week D0 Run Plan

- Global data collection today and tomorrow
- DAQ system tests during 3 shifts of BD studies
- Continue physics data taking with full detector in readout starting Wednesday
  - global trigger list v5.01
  - readout rate ~80Hz
  - rate to tape ~20Hz
- No access requests as of now
- This week is the D0 Collaboration meeting week