



# D0 Status Report

Bill Lee  
FNAL

All Experimenters' Meeting  
20 November 2006



# Data Taking

Day	Delivered Lum (pb <sup>-1</sup> )	Recorded Lum (pb <sup>-1</sup> )	Efficiency (%)	Comment
13 Nov	6.66	5.72	86	45+30 minutes downtime for Muon PDTs #1/#2 record delivered/recorded luminosity
14 Nov	5.96	5.34	90	
15 Nov	1.80	1.71	95	Access to install AFE2 boards, repair Muon PDT. Online system maintenance.
16 Nov	1.07	0.92	86	Power Glitch. Access to inspect systems.
17 Nov	0.00	0.00	0	Access for inspection and recovery.
18 Nov	2.79	1.78	64	2.5 hours down to repair Calorimeter HV. 30 min for Muon rack trip.
19 Nov	5.86	5.33	91	
13-19 Nov	24.1	20.8	86	



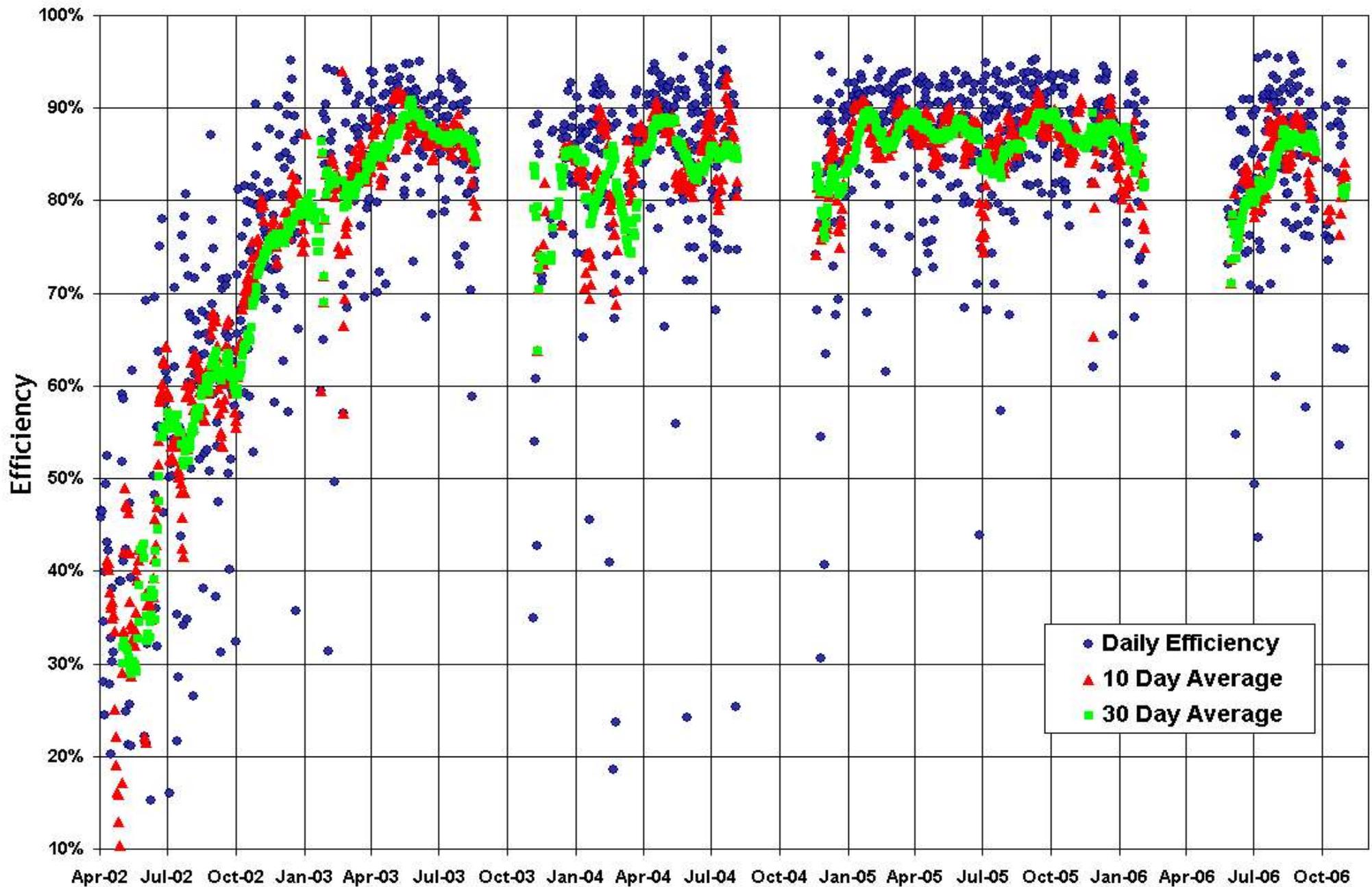
# Significant Events

- Twenty AFE2 boards were installed on Tuesday.
  - These boards instrument the Central Preshower stereo slots and parts of the CFT stereo.
- Power glitch on Thursday.
  - The solenoid warmed to 25 K.
    - The VLPC cryostats warmed to 35 K.
  - D0 online networking was hit hard.
    - Thanks to Darryl Wohlt for his two trips out to D0 bring up our switches.
  - Several online nodes need repair.
  - Most detectors needed some repair.
    - The detector has recovered.



# Daily Data Taking Efficiency

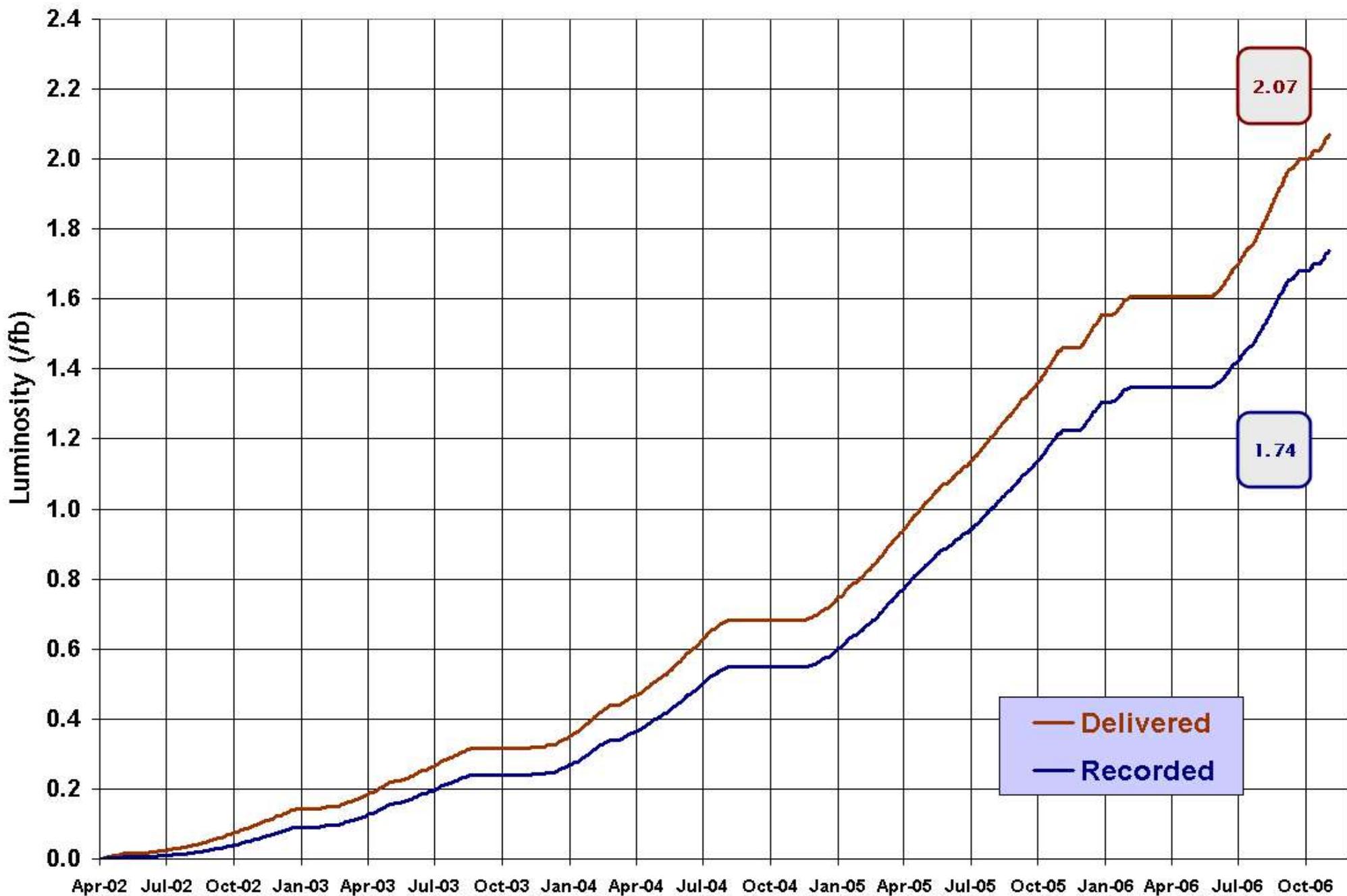
19 April 2002 - 19 November 2006





# Run II Integrated Luminosity

19 April 2002 - 19 November 2006



20 November 2006

AEM

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