



# D0 Status Report

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FNAL

All Experimenters' Meeting

17 March 2008



# Data Taking

	Delivered Lum ( $\text{pb}^{-1}$ )	Recorded Lum ( $\text{pb}^{-1}$ )	Efficiency (%)	Comment
10 Mar	7.19	6.43	89	25 minutes down for L2 crate error.
11 Mar	6.89	6.17	89	45 minutes down for Forward Muon Power Supply failure. <b>Access</b>
12 Mar	<b>8.93</b>	<b>7.80</b>	87	<b>Record daily delivered and recorded luminosity.</b> 45 minutes for an A-Layer Muon PDT failure.
13 Mar	1.02	0.98	96	
14 Mar	7.32	6.61	90	New trigger list, V16, goes into regular use. 35 minutes down for a clock glitch.
15 Mar	7.77	7.17	92	
16 Mar	7.17	6.64	92	
10-16 Mar	<b>46.3</b>	<b>41.8</b>	90	<b>Record weekly delivered and recorded luminosity.</b>



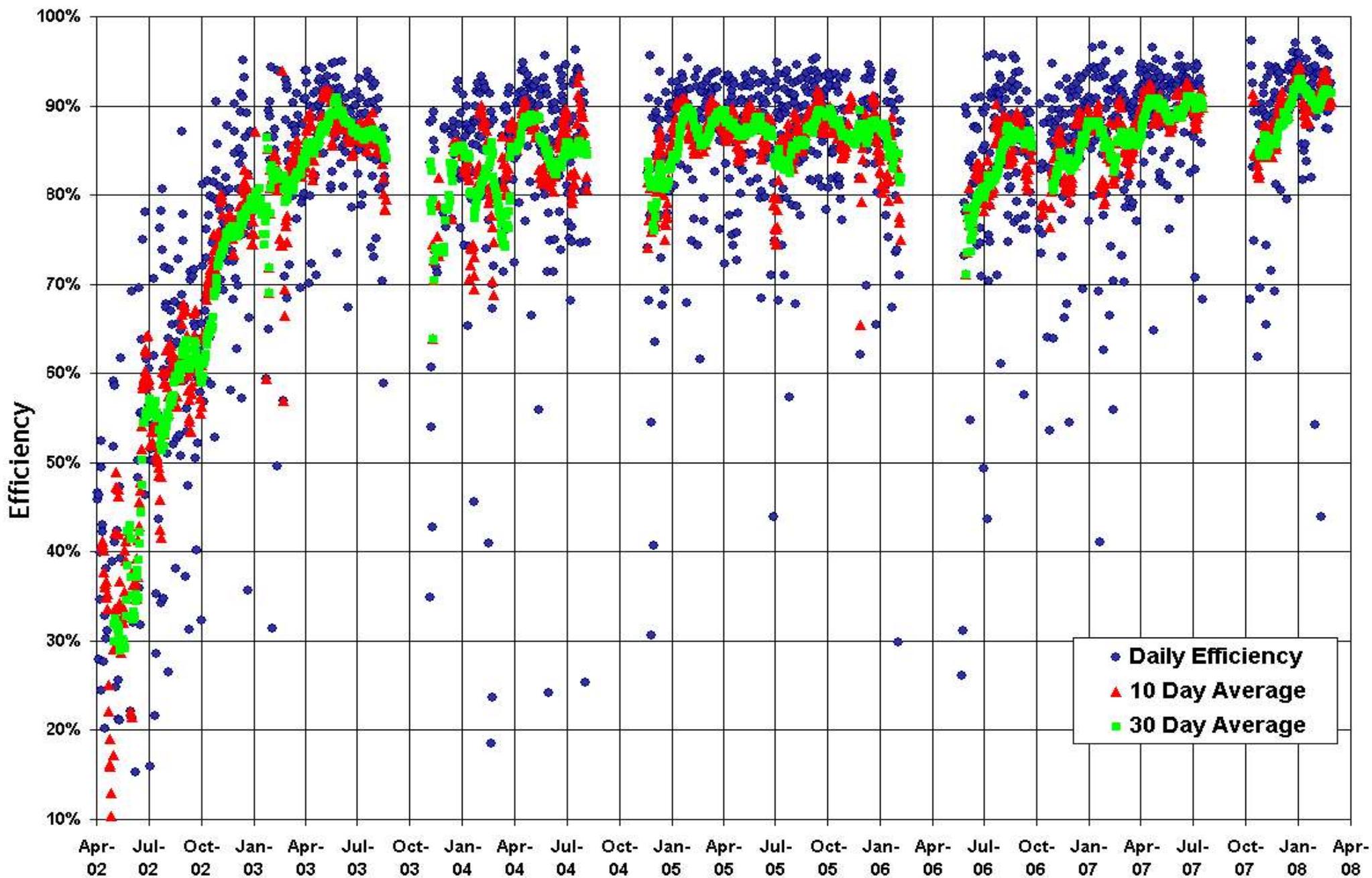
# Significant Events

- On Tuesday, D0 requested an access to replace a Forward muon power supply.
  - In addition, we upgraded silicon firmware, replaced a bad CAL daughtercard, and tested a L1muon card.
- New (V16) trigger list began regular use on Friday.
- Clock glitch on Friday affected the Luminosity system so that we had several channels not being read out.
  - The net result is that we were most likely under reporting our luminosity by  $\sim 1\%$  from Friday to Sunday.
- Congratulations to the AD on breaking the 300E30 level.



# Daily Data Taking Efficiency

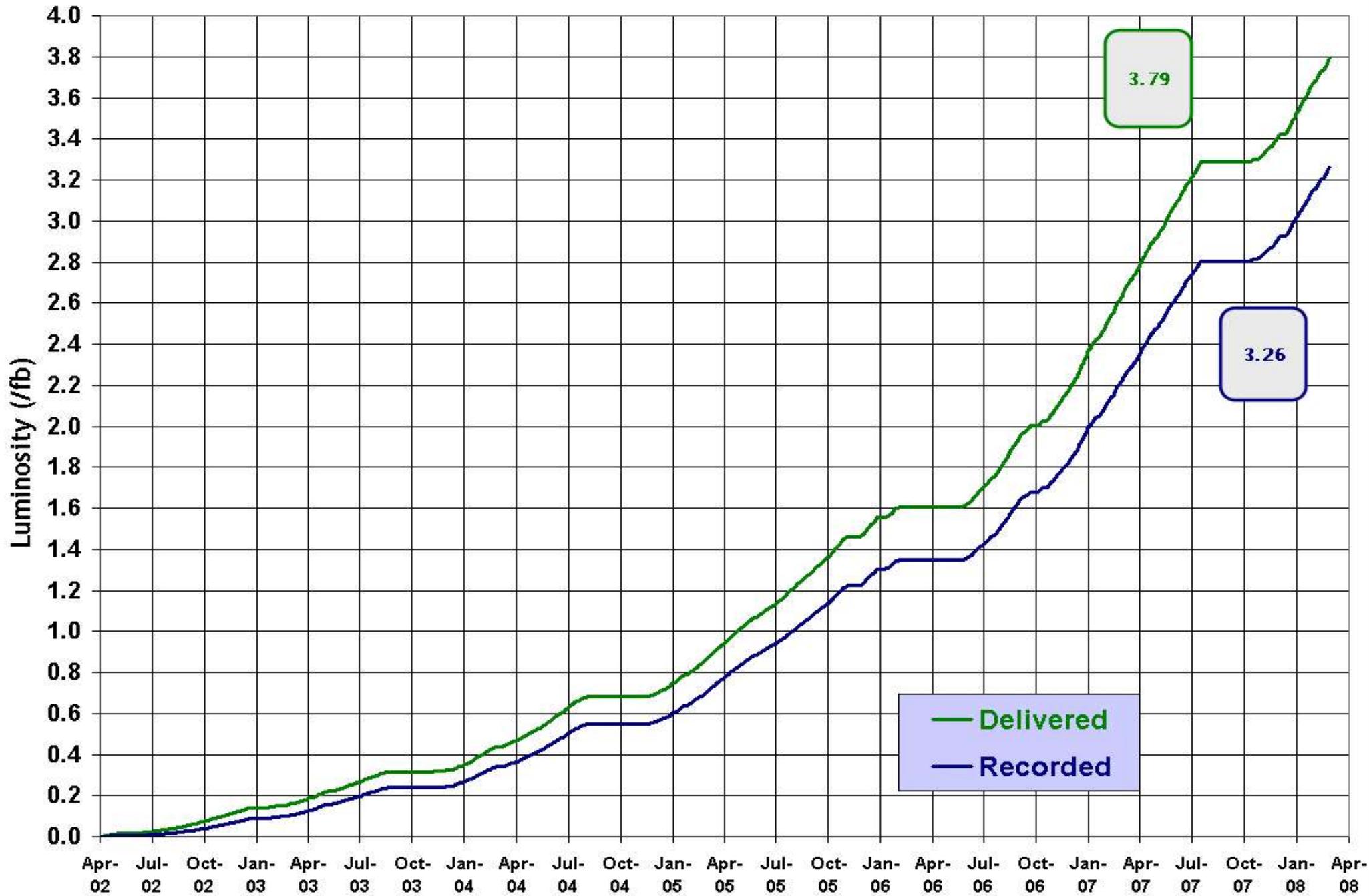
19 April 2002 - 16 March 2008





# Run II Integrated Luminosity

19 April 2002 - 16 March 2008



17 March 2008

AEM

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