



D0 Status Report

Bill Lee

FNAL

All Experimenters' Meeting
25 February 2008



Data Taking

	Delivered Lum (pb ⁻¹)	Recorded Lum (pb ⁻¹)	Efficiency (%)	Comment
18 Feb	0.65	0.35	54	20 minutes down at start of store for Silicon High Voltage trips
19 Feb	6.74	5.98 (1.43)	89 (21)	40 minutes down when Silicon IB power supply failed. Rest of store missing 1/6 th of silicon
20 Feb	0.77	0.75 (0.00)	97 (0)	10 hour access
21 Feb	0.00	0.00	0	
22 Feb	3.79	3.55	93	
23 Feb	7.12	6.42	90	30 minutes down when muon PDT 23 failed
24 Feb	7.46	7.01	94	
18-24 Feb	26.5	24.0 (18.7)	91 (71)	(Data with Full Silicon)



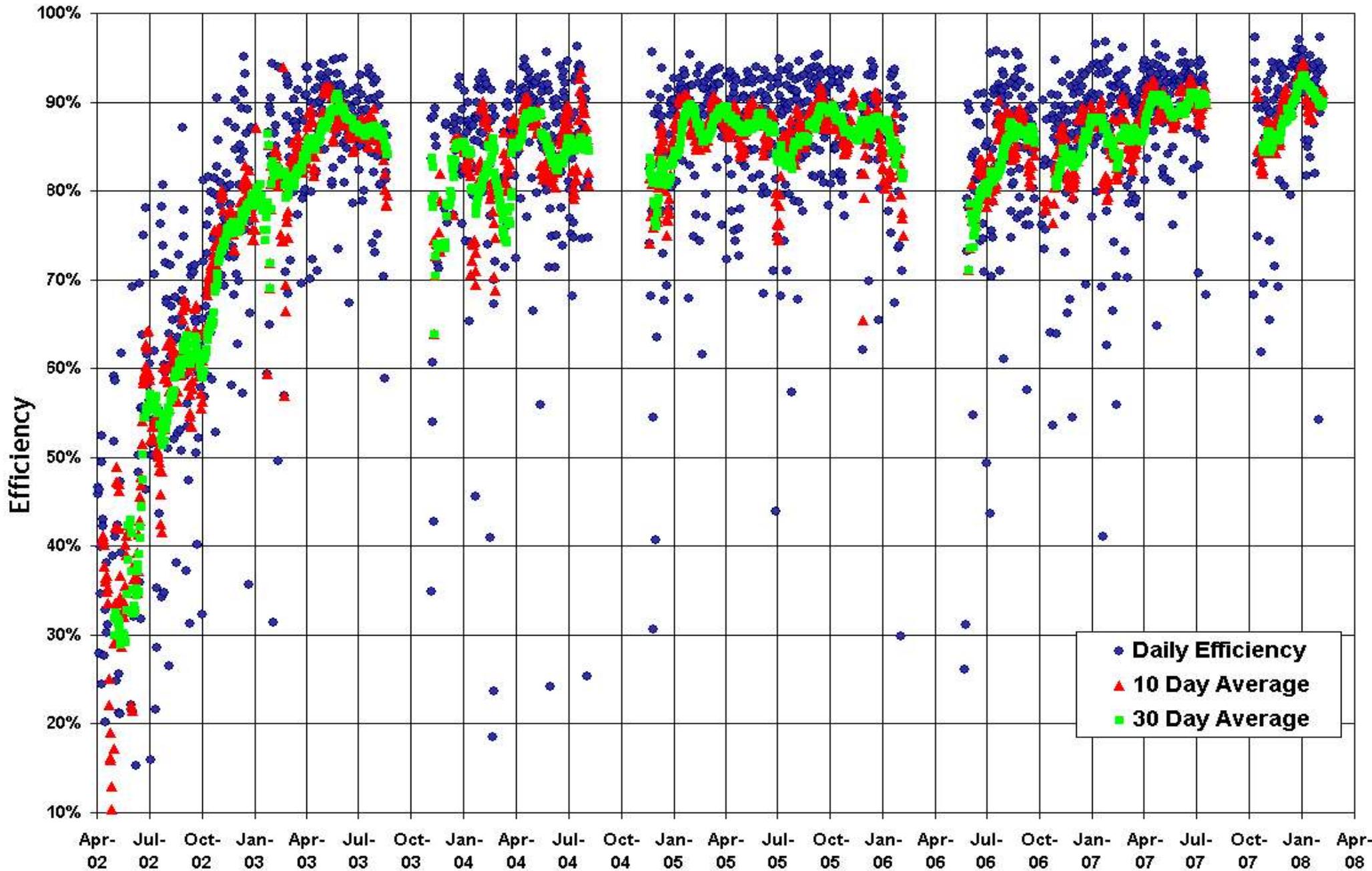
Significant Events

- Special runs for forward muon cross section and silicon bias scans taken on Tuesday.
- Access on Wednesday
 - D0 requested a ten hour access to replace a failed Silicon Interface Board power supply.
 - In addition we made repairs to two A-layer PDTs
 - Replaced East Silicon filter cards
 - Tested Silicon sequencer firmware
 - Added remote power cycle functionality to Central Track Trigger mixer boards.



Daily Data Taking Efficiency

19 April 2002 - 24 February 2008



25 February 2008

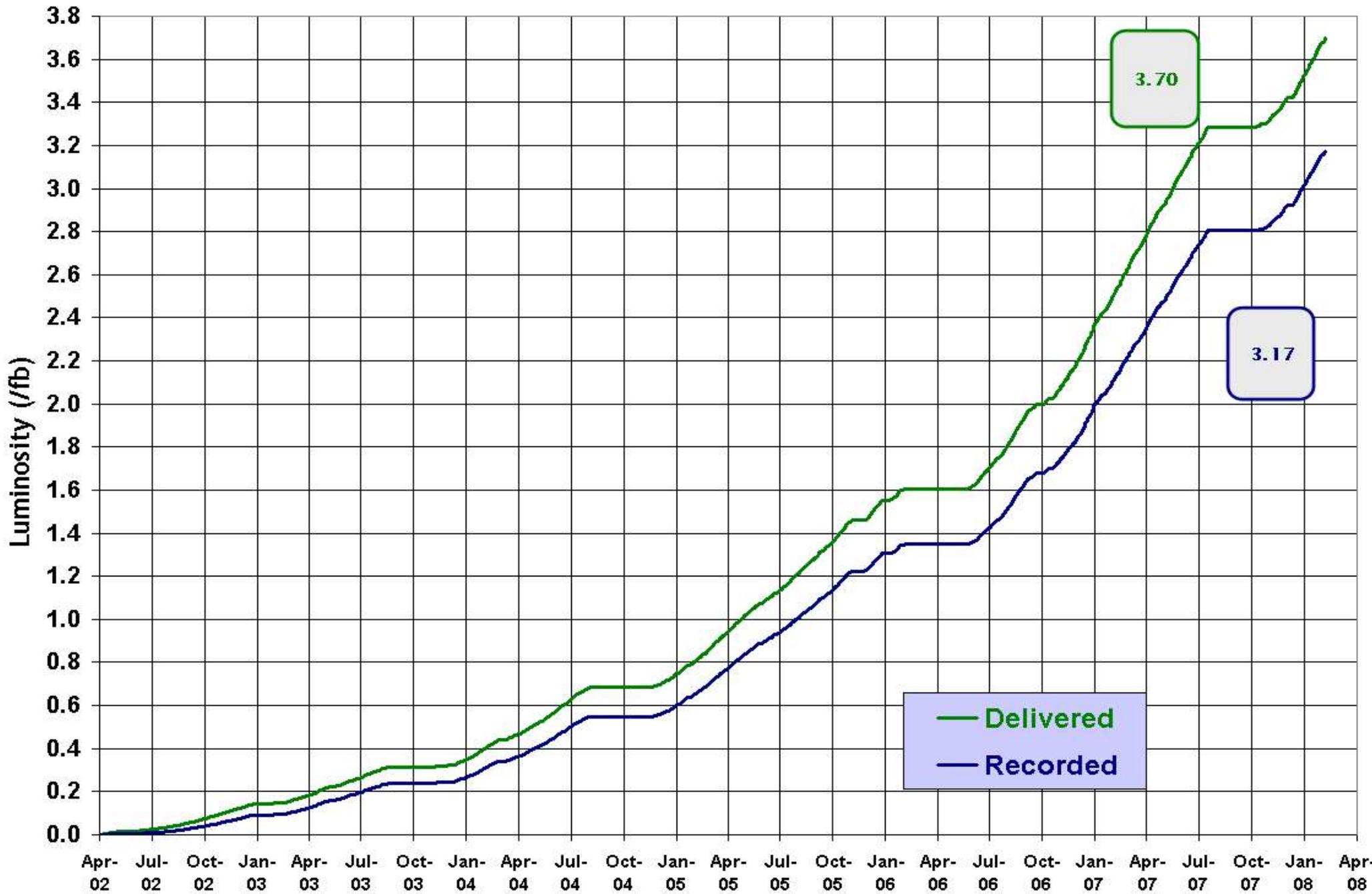
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Run II Integrated Luminosity

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