



D0 Status Report

Bill Lee

FNAL

All Experimenters' Meeting

9 June 2008



Data Taking

	Delivered Lum (pb ⁻¹)	Recorded Lum (pb ⁻¹)	Efficiency (%)	Comment
2 Jun	7.25	6.84	94	
3 Jun	8.46	8.06	95	
4 Jun	3.85	3.46	90	
5 Jun	6.47	5.95	92	Rack trips off on air flow
6 Jun	7.94	6.30 (0.00)	79 (0)	Access to inspect blower. Data taking without ½ of tracking system. Down time for readout configuration, muon HV trips, and special runs.
7 Jun	4.22	3.54 (2.57)	84 (61)	7 hour access to replace blower. Down time for special runs, muon HV trips, and Level 2 problem.
8 Jun	7.77	6.99	90	20 minute down for Level 2 problem
2-8 Jun	45.9	41.1 (33.9)	90 (74)	(Data taken with the Full Detector)



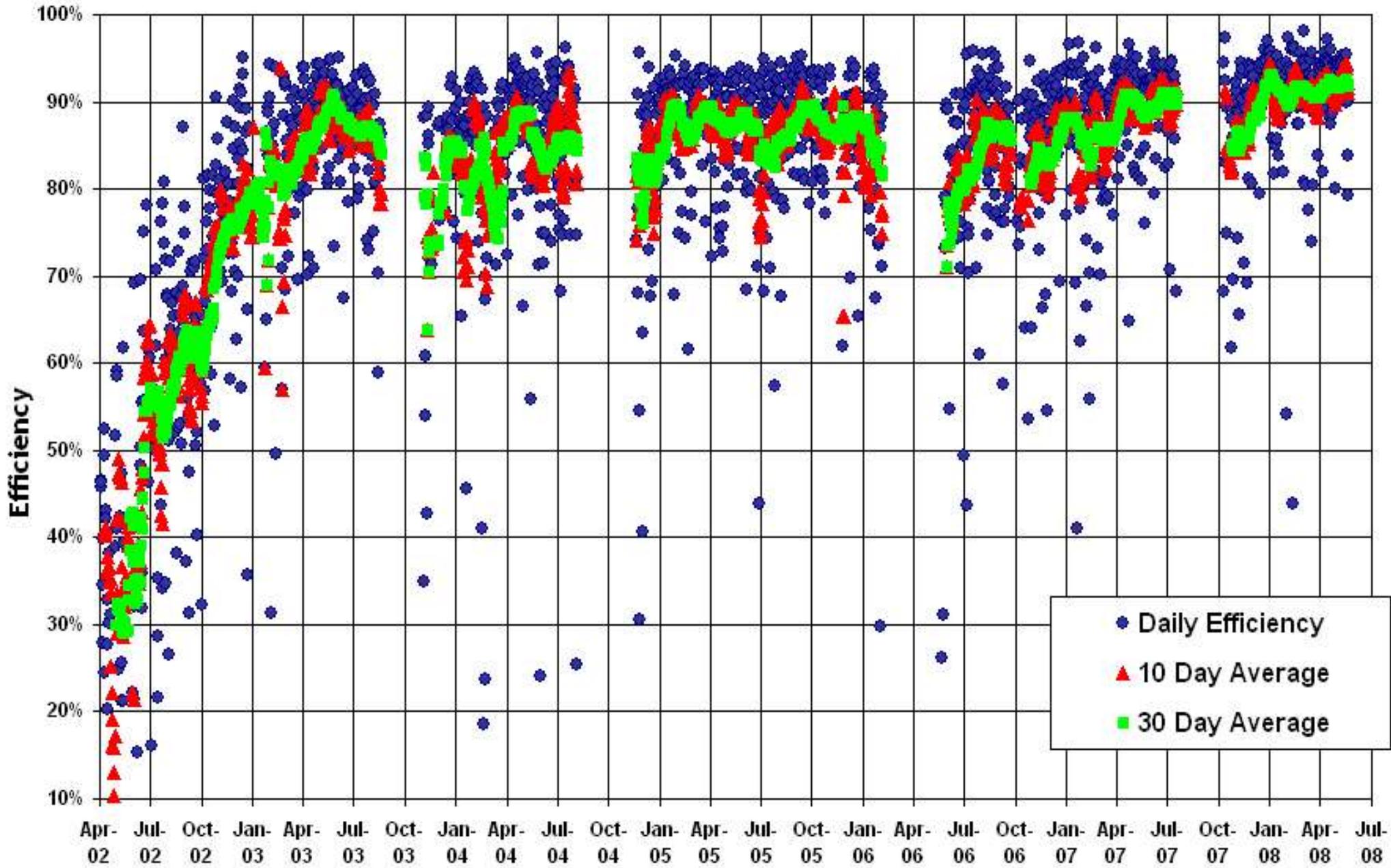
Blower Failure

- On 15 May, we had central platform rack PC19 trip off during a store due to low air flow.
 - We were able to reset the rack. Later we had an access and could not find an obvious source of the problem.
- Late Thursday, this rack tripped again on low air flow.
 - We had an access Friday owl shift and found that the blower was bad.
 - replacing this blower requires uncabing and moving ~250 track trigger cables and fitting the new blower into the custom mounting.
 - Due to the nature of this repair effort, we took one store without 1/2 of our silicon, 1/2 of our fiber tracker, and a portion of the track trigger.
- Saturday we had a seven hour access to replace the blower.
 - We also cleaned Muon HV service cards and worked on L1 Muon.
- We thank the AD for this long access opportunity.



Daily Data Taking Efficiency

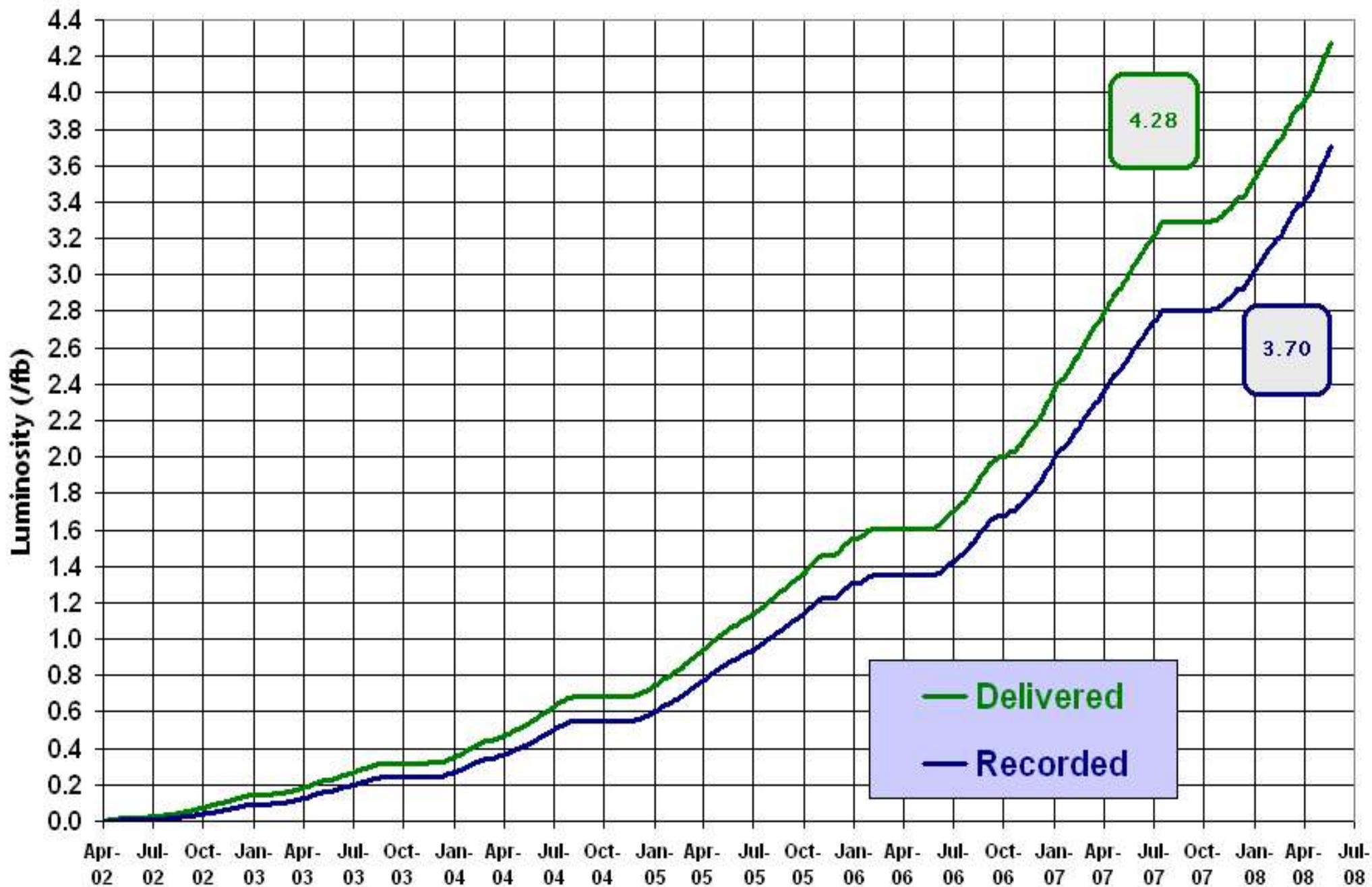
19 April 2002 - 8 June 2008





Run II Integrated Luminosity

19 April 2002 - 8 June 2008



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AEM

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