



D0 Status Report

Bill Lee

FNAL

All Experimenters' Meeting

7 April 2008



Data Taking

	Delivered Lum (pb ⁻¹)	Recorded Lum (pb ⁻¹)	Efficiency (%)	Comment
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31 Mar	0.00	0.00	0	
1 Apr	6.75	6.29	93	
2 Apr	6.43	5.97	93	
3 Apr	2.09	1.89	90	40 minutes down for Muo scintillator crate. 20 min for clock investigation. Special muon runs. Access to fix Muo scintillator.
4 Apr	2.33	1.72	74	Access continues but problem not solved. 30 minutes down for CTT problem. 50 minutes for a L3 problem.
5 Apr	3.61	2.90	80	Access to fix Muo scintillator. 30 min down for L2 problem. Online node disrupts lumi reporting
6 Apr	8.58	7.97	93	

31Mar - 6 Apr	29.8	26.7	90	
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March	163	148	91	2 nd best month for recorded and delivered lumi.
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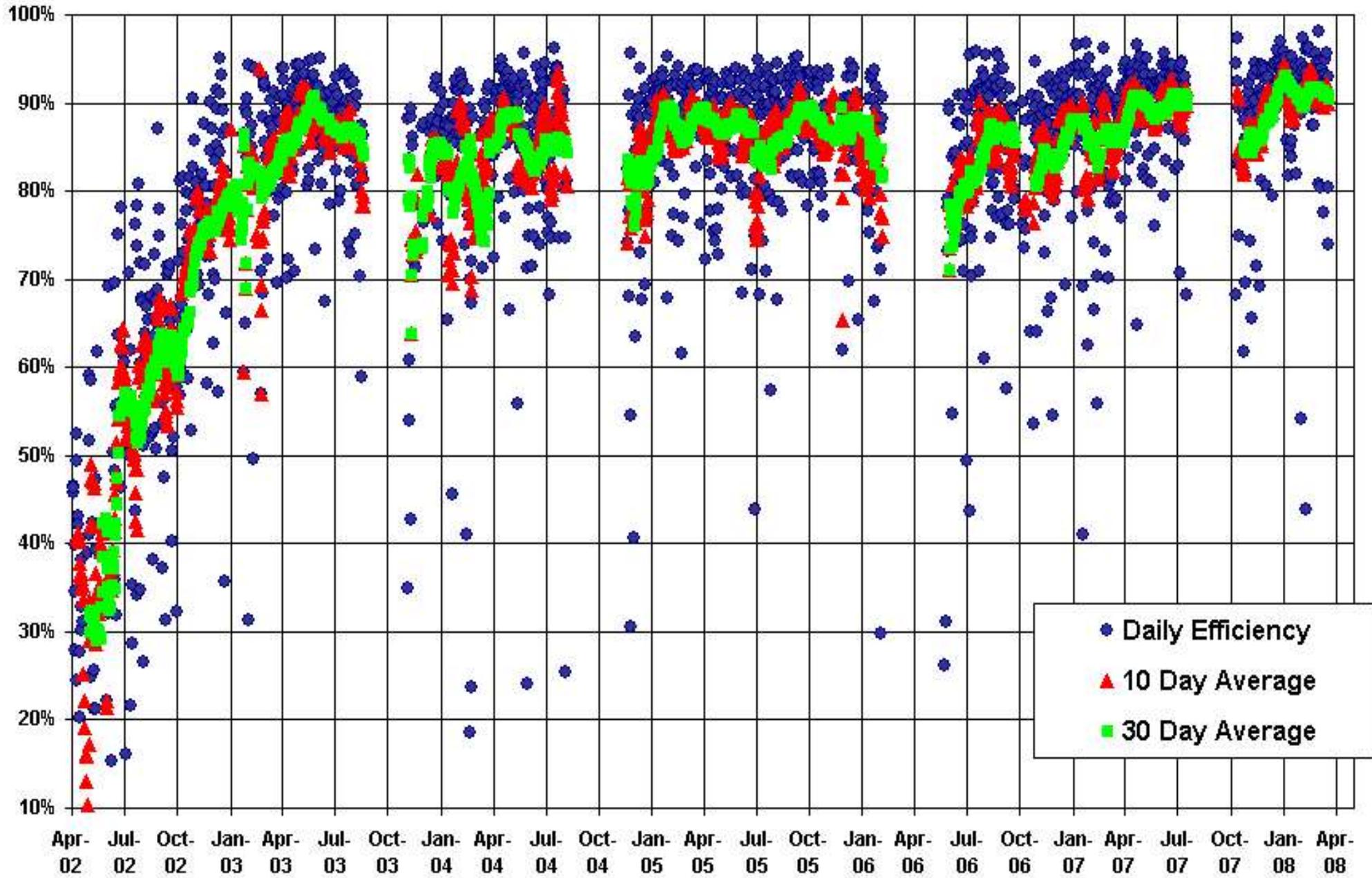
Significant Events

- Thursday morning, we developed a problem with one of our muon central scintillator front end crates which led to one octant not read out.
 - We were able to have an access that evening, and in the process of trying to recover the crate another crate failed.
 - These crates were worked on throughout the night, but were not recovered, so the next store was without three central muon scintillator octants.
- Saturday morning, we had another access to continue efforts to recover the muon crates.
 - We did not fully recover reliable performance of the front end crates, however we were able to begin to read out the original octant of the central muon scintillator.
- Today we had a meeting among experts to plan our next steps and have requested a two hour access for additional tests of the system.



Daily Data Taking Efficiency

19 April 2002 to 6 April 2008





Run II Integrated Luminosity

19 April 2002 to 6 April 2008

