



# D0 Status Report

## 1 / 22 / 2007

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22 January 2007

T. Yasuda, Fermilab



# Data Taking for 1 / 8 – 1 / 14



Day	Delivered (pb <sup>-1</sup> )	Recorded (pb <sup>-1</sup> )	Eff. (%)	Comments
1 / 8 (Mon)	3.23	2.76	86	Controlled access.
1 / 9 (Tue)	4.97	4.49	90	
1 / 10 (Wed)	6.55	5.89 (3.59 without special runs)	90 (55)	A Cal rack failed in the collision hall 4 hours into store 5172. Also another one failed later in the store. Took special runs for muon yield measurements, CPS calibration, and SMT bias scan.
1 / 11 (Thu)	5.79	5.18	90	Controlled access: replaced the failed blower and the failed RM.
1 / 12 (Fri)	7.11	6.27	88	15 min downtime due to muon crate x36. 18 min downtime to swap out an ATC card for L1Cal.
1 / 13 (Sat)	6.42	6.01	94	
1 / 14 (Sun)	6.77	6.08	90	
1/8-1/14	40.8	36.7 (34.4)	90 (84)	



# Data Taking for 1 / 15 – 1 / 21



Day	Delivered (pb <sup>-1</sup> )	Recorded (pb <sup>-1</sup> )	Eff. (%)	Comments
1 / 15 (Mon)	4.19	3.68	88	18 min downtime due to SMT crate x66 problem.
1 / 16 (Tue)	7.67	6.86	89	
1 / 17 (Wed)	7.10	6.42	90	
1 / 18 (Thu)	6.08	4.78	77	Controlled access. 74 min downtime due to problems in L1Cal crates and STT crates after running 5 min at the beginning of the record store 5186.
1 / 19 (Fri)	7.54	6.86	91	
1 / 20 (Sat)	4.53	4.08	90	48 min downtime due to PDT030 problem. Loss of coverage in the A-layer PDT is now 23 %. Will ask for a long access to the collision hall.
1 / 21 (Sun)	2.21	2.01	91	
1/15-1/21	39.3	34.7	88	

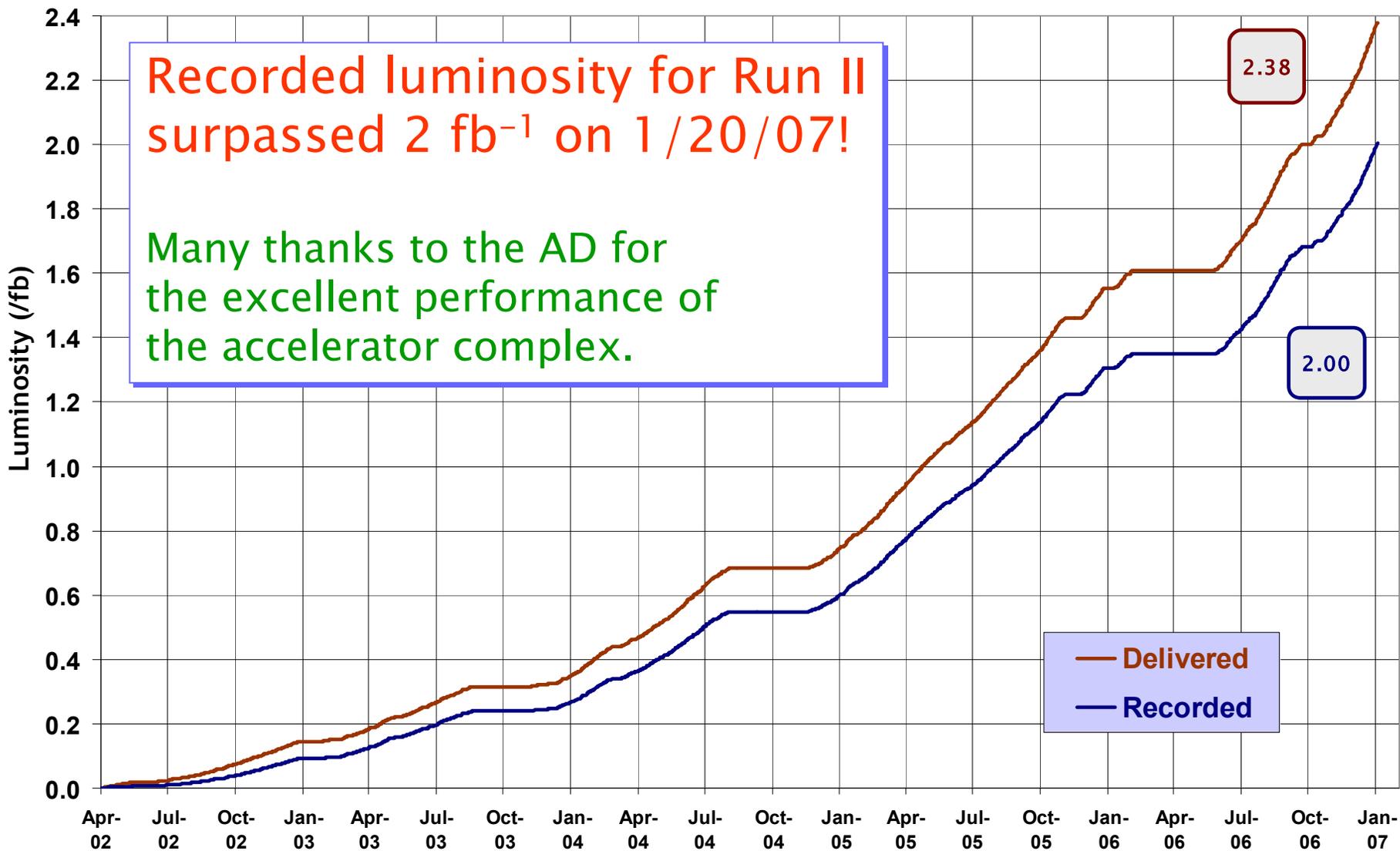


# Run II Integrated Luminosity

19 April 2002 - 21 January 2007

Recorded luminosity for Run II surpassed 2 fb<sup>-1</sup> on 1/20/07!

Many thanks to the AD for the excellent performance of the accelerator complex.



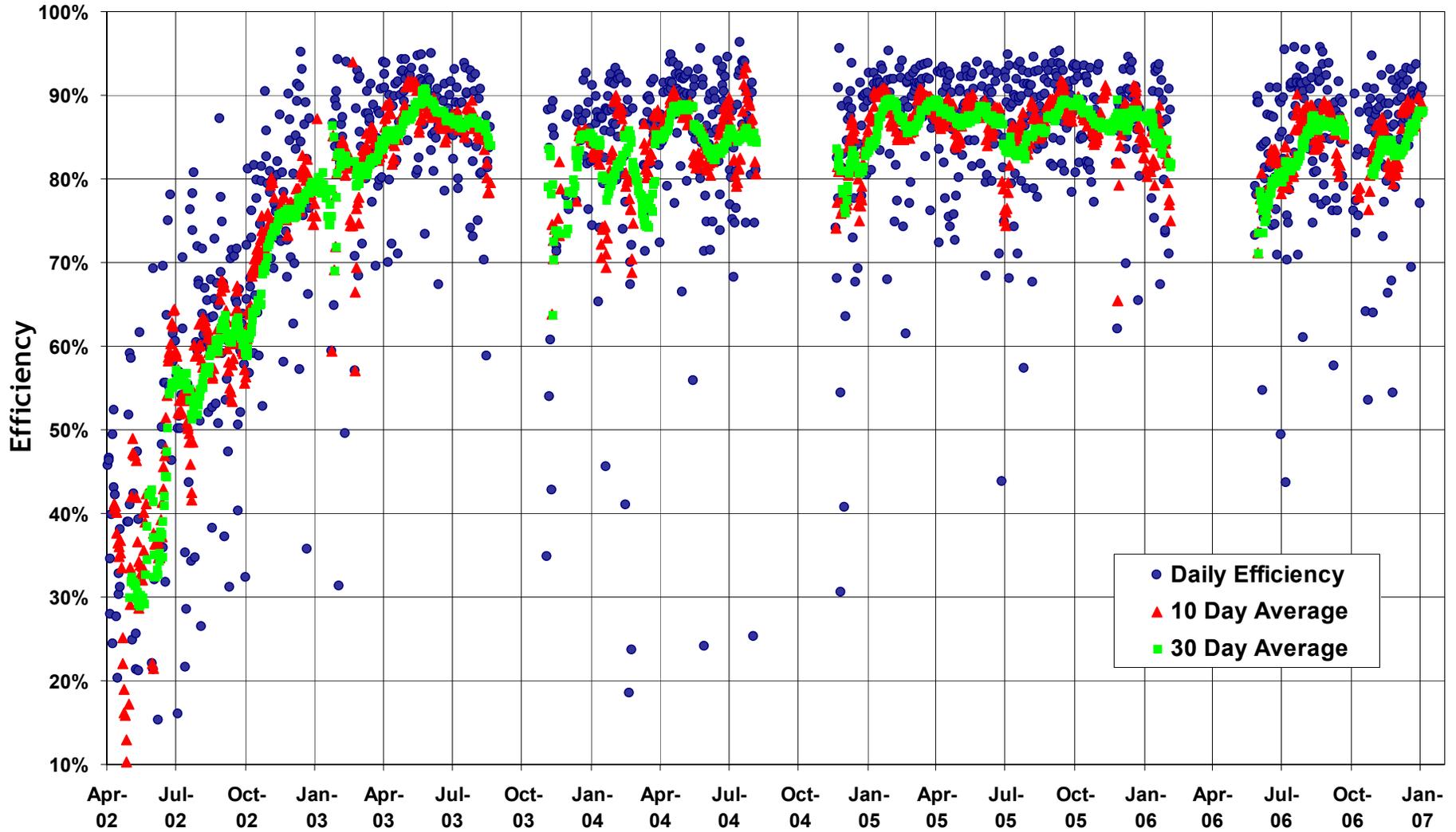
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# Daily Data Taking Efficiency

19 April 2002 - 21 January 2007



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