



D0 Status Report

Bill Lee
FNAL

All Experimenters' Meeting
6 June 2011



Data Taking

Delivered Lum (pb⁻¹) Recorded Lum (pb⁻¹) Efficiency (%) Comment

23 May	5.64	5.34	95	
24 May	2.47	2.19	89	Special low luminosity runs. 20 minutes down for a problem with a silicon sensor.
25 May	11.05	10.15	92	
26 May	11.68	10.82	93	
27 May	11.85	10.72	90	Dry engine failure. Thanks to Cryo group for coming in to recover the engine.
28 May	3.96	3.57	90	Opportunistic access to replace a Calorimeter daughter card.
29 May	11.90	10.39 (9.48)	87 (80)	70 minutes down for a fiber tracker power supply failure and track trigger issues. Requested access to replace power supply.
23-29 May	58.5	53.2 (52.3)	91 (89)	(Data with full detector)



Data Taking

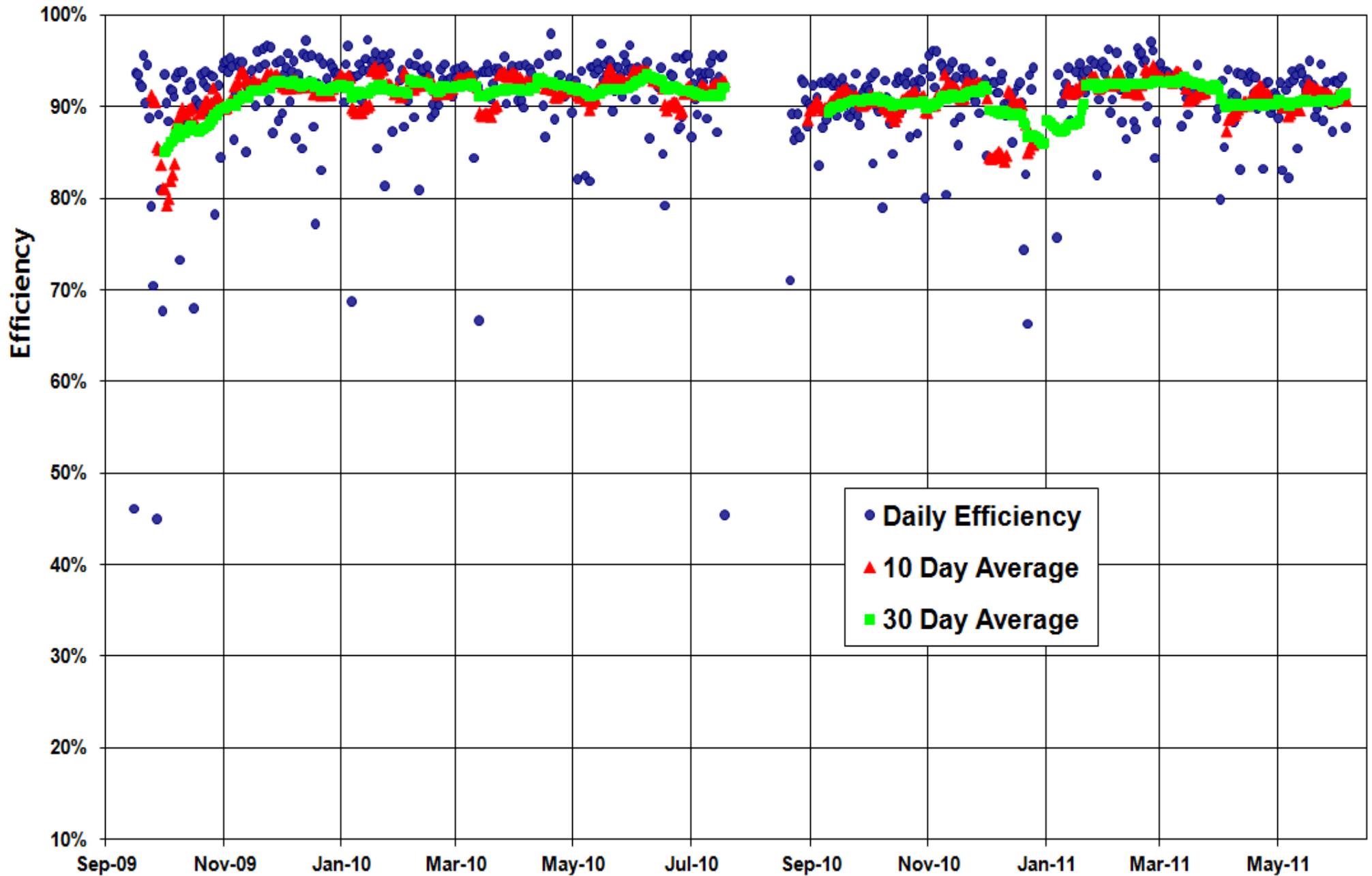
Delivered Lum (pb⁻¹) Recorded Lum (pb⁻¹) Efficiency (%) Comment

30 May	8.49	7.87	93	
31 May	11.77	10.92	93	
1 Jun	4.58	4.24	93	Opportunistic access for minor Muon, Silicon, and Calorimeter. Optimized the Luminosity high voltage
2 Jun	7.92	7.23	91	
3 Jun	7.61	7.10	93	
4 Jun	11.31	10.31	91	
5 Jun	12.16	10.67	88	70 minutes down for a problem with the L2 system. 35 minutes down for problems with PDTs.
30 May – 5 Jun	63.8	58.3	91	
May	286.9	260.5	91	Record Monthly delivered and recorded luminosity.



Daily Data Taking Efficiency

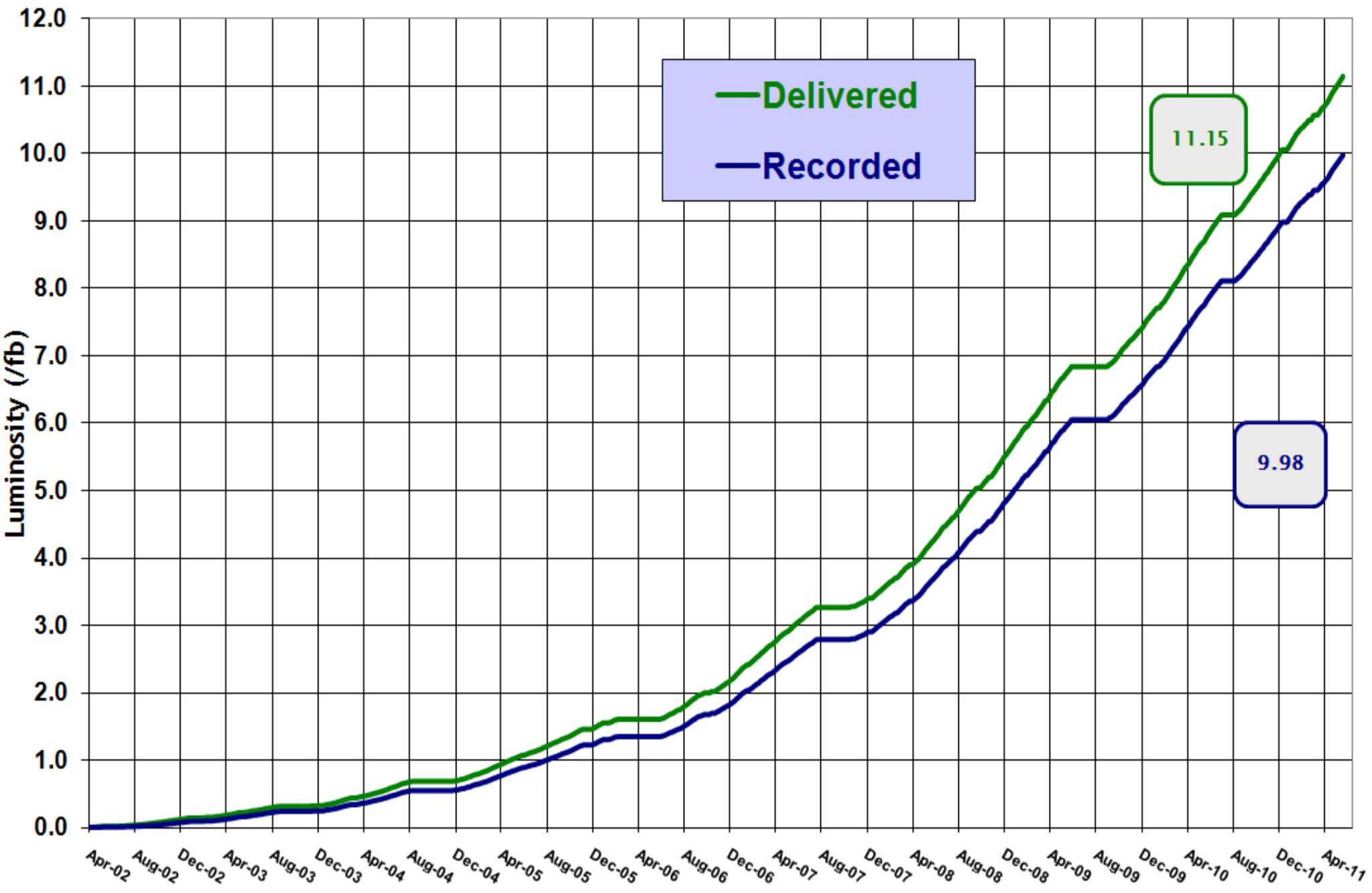
1 September 2009 - 5 June 2011





Run II Integrated Luminosity

19 April 2002 - 5 June 2011



6 June 2011

AEM

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