



# D0 Status Report

Bill Lee  
FNAL

All Experimenters' Meeting  
18 July 2011



# Data Taking

Delivered Lum (pb<sup>-1</sup>)    Recorded Lum (pb<sup>-1</sup>)    Efficiency (%)    Comment

11 Jul	4.23	3.85	91	Opportunistic access to recover a few calorimeter and silicon channels.
12 Jul	1.56	1.37	88	
13 Jul	11.51	10.41	90	Multiple short interruptions due to problems with central track trigger (CTT). CTT access.
14 Jul	3.05	2.58	84	CTT problems continue. CTT access. Also worked on Calorimeter.
15 Jul	6.79	4.92	72	80 minutes of downtime due to CTT. 1/6 <sup>th</sup> of CTT disabled at Level 2. Requested CTT access. Installed Muon dehumidifier.
16 Jul	11.90	10.55	89	Requested CTT access. 15 min muon readout problem.
17 Jul	10.08	9.16	91	

<b>11-17 Jul</b>	<b>49.1</b>	<b>42.8</b>	<b>87</b>	
------------------	-------------	-------------	-----------	--



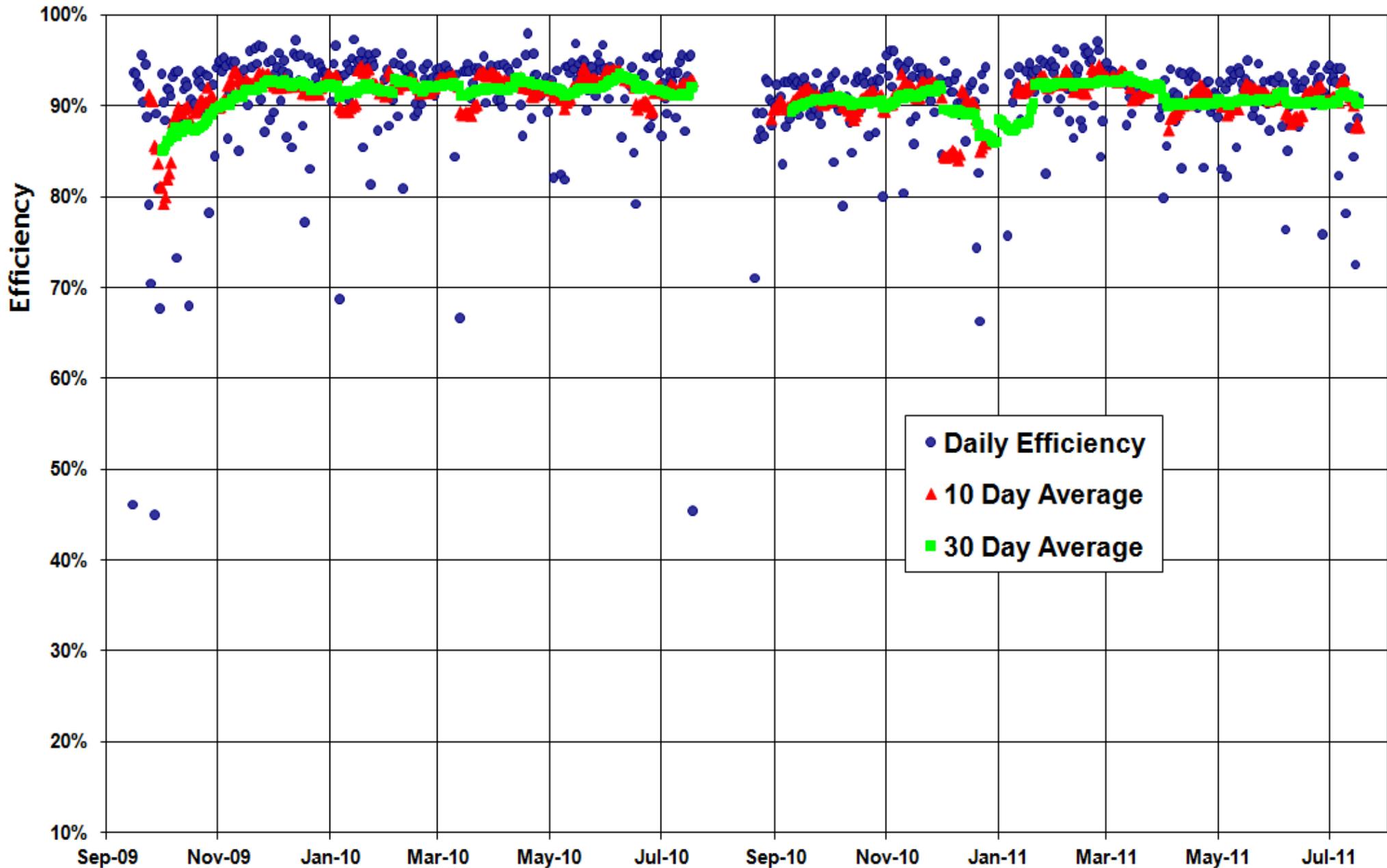
# Central Track Trigger (CTT) Issues

- 13 July - Replaced main board (STSX3) for a CTT sextant.
- 14 July - Problems returned in the middle of the next store
  - Replaced transition card for STSX3.
- 15 July - CTT stopped data flow at beginning of store 8894.
  - Disabled STSX3 input to Level 2 trigger
    - Replaced upstream CTT board with no effect.
    - Replaced STSX3 with original.
- 16 July - Replaced STSX3 with another board.
  - Needed to program a non-standard board.
  - Working for past two stores



# Daily Data Taking Efficiency

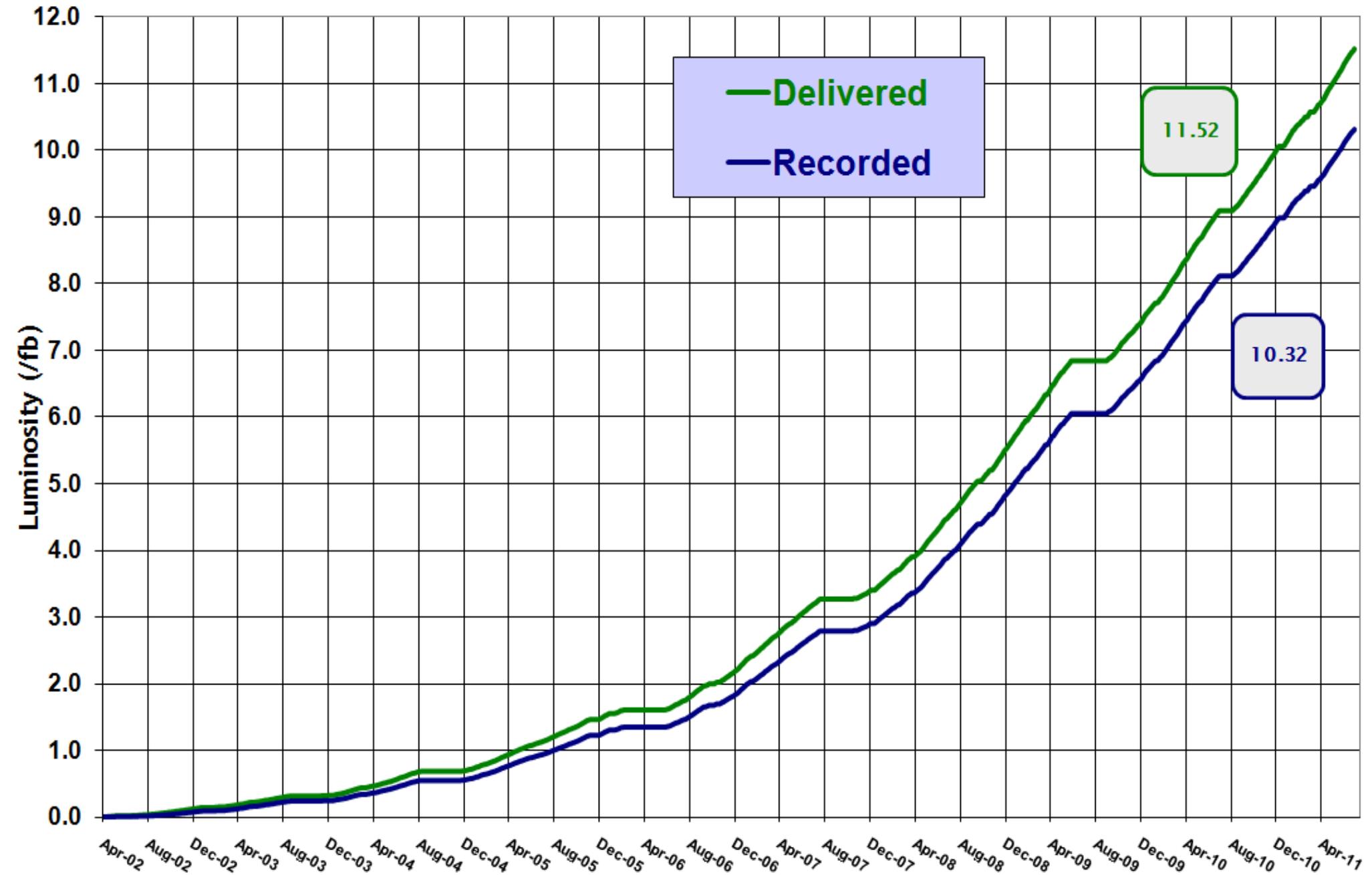
1 September 2009 - 17 July 2011





# Run II Integrated Luminosity

19 April 2002 - 17 July 2011



18 July 2011

AEM

Bill Lee