



D0 Status Report

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FNAL

All Experimenters' Meeting
25 January 2010



Data Taking

	Delivered Lum (pb ⁻¹)	Recorded Lum (pb ⁻¹)	Efficiency (%)	Comment
11 Jan	5.50	4.99 (0.08)	91 (1)	Cal power supply failed causing 1/12 th of CAL to not be read out. Requested access to replace supply.
12 Jan	8.81	8.28	94	
13 Jan	5.79	5.51	95	
14 Jan	1.82	1.77	97	Opportunistic Access
15 Jan	9.33	8.77	94	
16 Jan	8.05	7.64	95	
17 Jan	9.00	8.56	95	
11-17 Jan	48.3	45.5 (40.6)	94 (84)	(Data taken with the full detector)



Data Taking

	Delivered Lum (pb^{-1})	Recorded Lum (pb^{-1})	Efficiency (%)	Comment
18 Jan	6.61	6.34	96	
19 Jan	6.21	5.32	86	1 hour down for 2 Forward muon power supply failures. Requested access to recover supplies.
20 Jan	7.66	7.27	95	DØ beam spot position adjusted.
21 Jan	8.07	7.60	94	
22 Jan	1.58	1.51	96	
23 Jan	8.92	7.25 (6.90)	81 (78)	1.5 hours down for a forward muon powersupply failure, Online datalogger failure, and CAL rack monitor failure. Requested access to recover.
24 Jan	8.32	7.89	95	
18-24 Jan	47.4	43.2 (42.8)	91 (91)	(Data taken with the full detector)



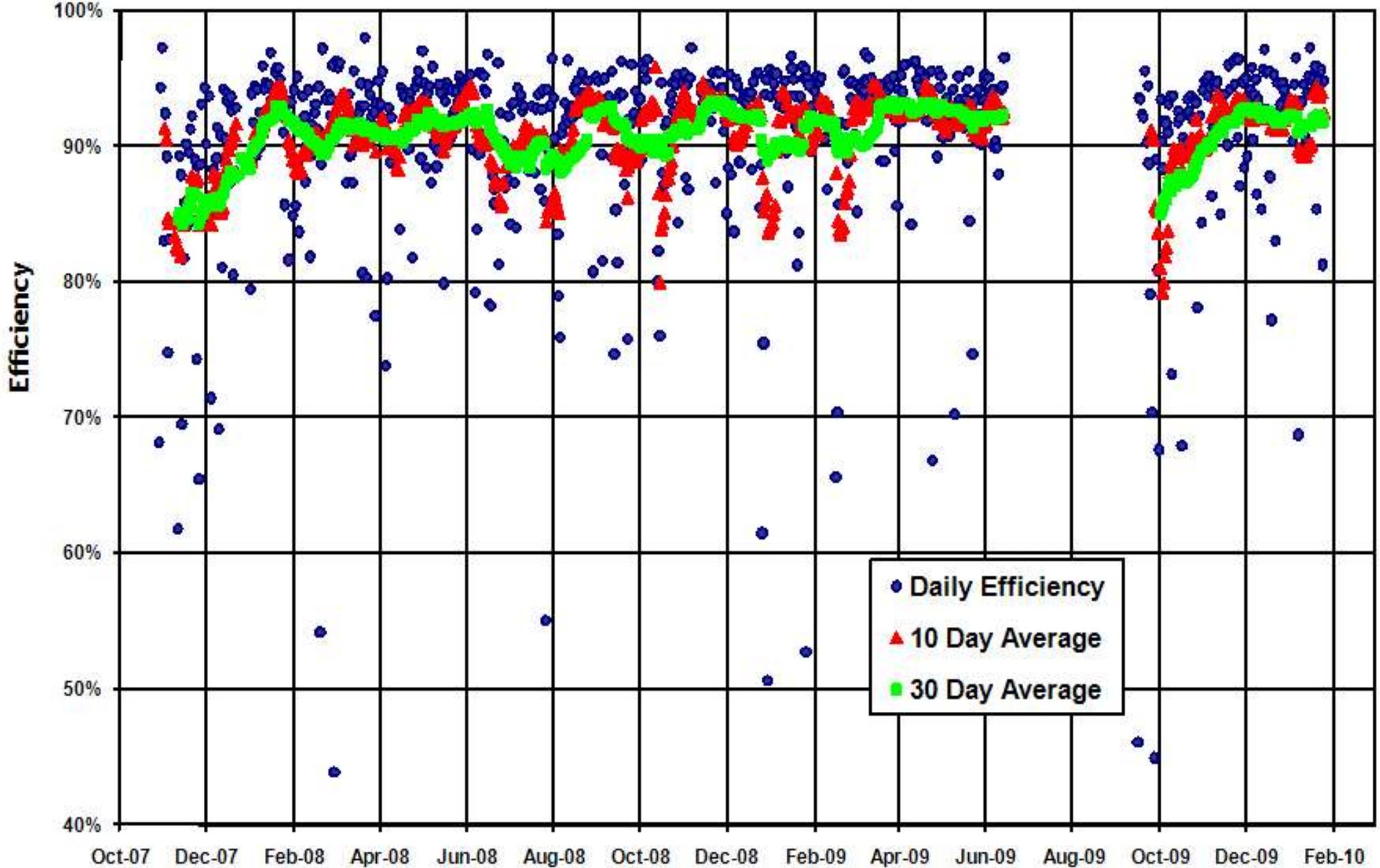
Accesses

- 11 January, requested
 - Replaced BLS power supply
 - Also worked on Muon PDTs, L1muon, Cal, Track trigger.
- 14 January, opportunistic
 - Worked on track trigger, fiber tracker, and Cal.
- 19 January, requested
 - Replaced a forward muon power supply, replaced a fuse in a controller card, and recovered a PDT front end board.
- 23 January, requested
 - replaced a fuse in a forward muon power supply and replaced a rack monitor interface for a Cal rack.



Daily Data Taking Efficiency

1 October 2007 - 24 January 2010





Run II Integrated Luminosity

19 April 2002 - 24 January 2010

