



# DØ Status Report

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All Experimenters' Meeting  
5 January 2009



# Data Taking (1)

	Delivered Lum (pb <sup>-1</sup> )	Recorded Lum (pb <sup>-1</sup> )	Efficiency (%)	Comment
22 Dec	8.45	8.07	96	
23 Dec	5.74	4.91	86	45 minutes for Muon PDT.
24 Dec	8.91	7.90 (7.5)	89 (84)	30 minutes for Muon PDTs. Silicon sequencer power supply failure.
25 Dec	10.08	6.20	62	Access to replace Silicon sequencer power supply, and Muon PDT work. 4 hrs due to DAQ cluster node crash. 40 minutes for Muon PDT.
26 Dec	10.32	7.80	76	26 minutes for Muon PDT. 50 minutes due to Forward Muon system power supply failure. Access to replace Forward Muon system power supply, and Muon PDT work. 2.5 hrs due to DAQ problem.
27 Dec	7.55	7.09	94	
28 Dec	7.24	6.88	95	Access to recover PDTs.
22–28 Dec	58.3	48.9 (48.5)	84 (83)	(Data taken with full detector)

Thanks to AD for providing prompt accesses!



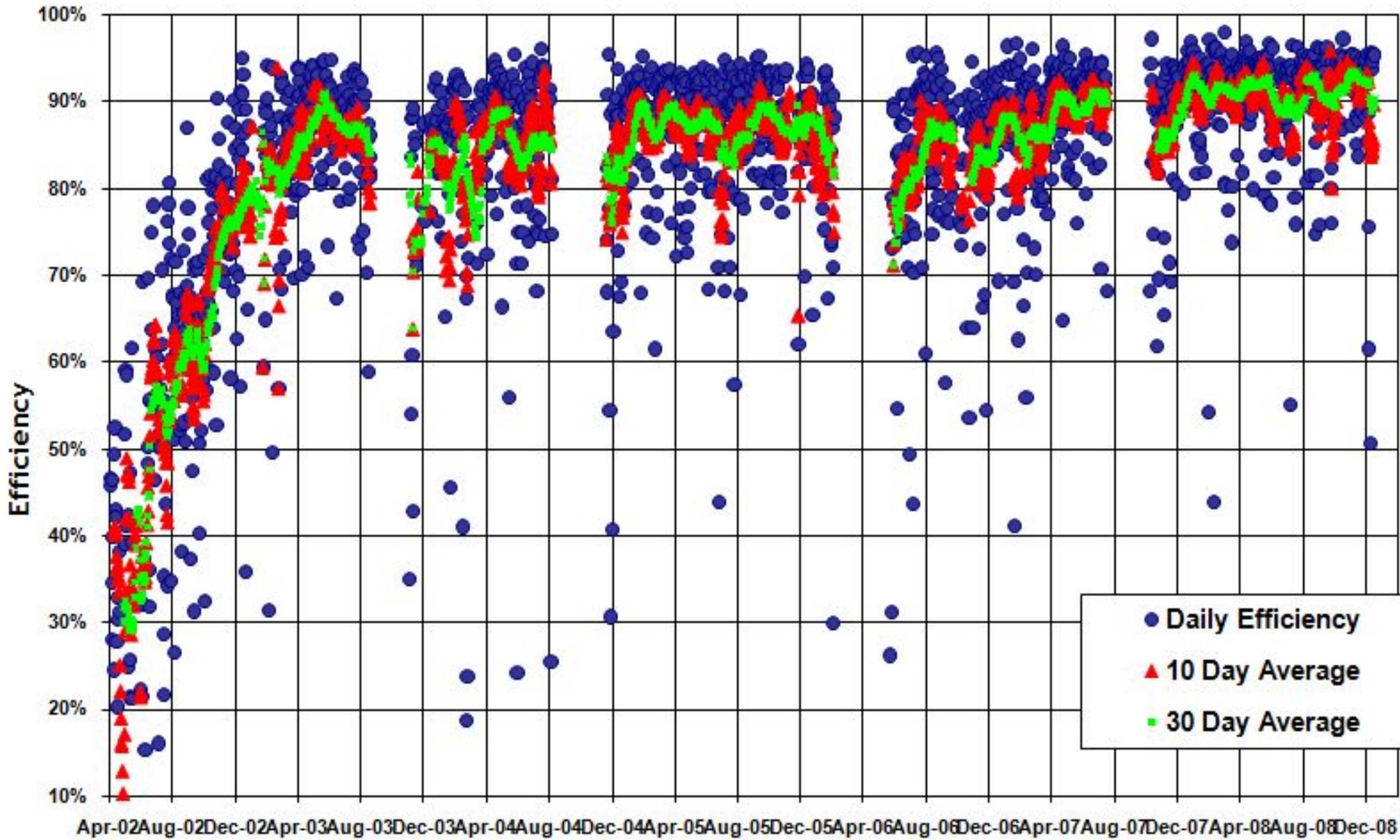
# Data Taking (2)

	Delivered Lum (pb <sup>-1</sup> )	Recorded Lum (pb <sup>-1</sup> )	Efficiency (%)	Comment
29 Dec	4.98	2.52	51	~4hrs due to DAQ problem. Similar to Dec 26 DAQ problem. Still under investigation.
30 Dec	8.10	7.76	96	
31 Dec	10.44	9.80	94	
1 Jan	9.40	8.97	95	
2 Jan	6.12	5.79	95	Forward Muon system power supply failure.
3 Jan	7.56	7.22	95	Access to replace Forward Muon system power supply, and silicon sequencer card.
4 Jan	8.41	8.03	95	
29 Dec - 4 Jan	55.0	50.1	91	
December	<b>254.8</b>	<b>228.1</b> (222.7)	90 (87)	New record monthly delivered and recorded luminosity. (Data taken with full detector)



# Daily Data Taking Efficiency

19 April 2002 - 4 January 2009





# Run II Integrated Luminosity

19 April 2002 - 4 January 2009

