



DØ Operations Status

George Ginther
Fermilab
University of Rochester

All Experimenters' Meeting
8 August 2011



Weekly Summary



	Delivered	Recorded	Efficiency	Comment
	Lum (pb-1)	Lum (pb-1)	(%)	
01 Aug				Reconfigure detector to access to calorimeter preamps and begin repairs
02 Aug				Maintenance
03 Aug				Maintenance
04 Aug				Close Detector
05 Aug				Opportunistic Access
06 Aug	1.24	1.18	95	Cosmics
07 Aug	4.44	3.93	88	Silicon Track Trigger 61 minutes downtime
01 Aug - 07-Aug	5.69	5.11	90	



A Few Details



- Monday 1 August
 - Reconfigure detector to provide access to calorimeter preamplifier power supplies
 - Begin repairs of calorimeter preamp power supplies
 - Continue muon PDT high voltage efforts
- Tuesday 2 August
 - Re-enable calorimeter global drip sensor
 - Continue repairs of calorimeter preamp power supplies
 - Continue muon PDT HV efforts
 - Replace failed Silicon Microstrip Tracker high voltage pod
 - Revive several Silicon Microstrip Tracker HDIs
 - Trane chiller brought online
 - Collision hall DCW setpoint adjusted from 55F to 56F
 - Adjusted chilled water to collision hall air recirculation fans



A Few Details (continued)

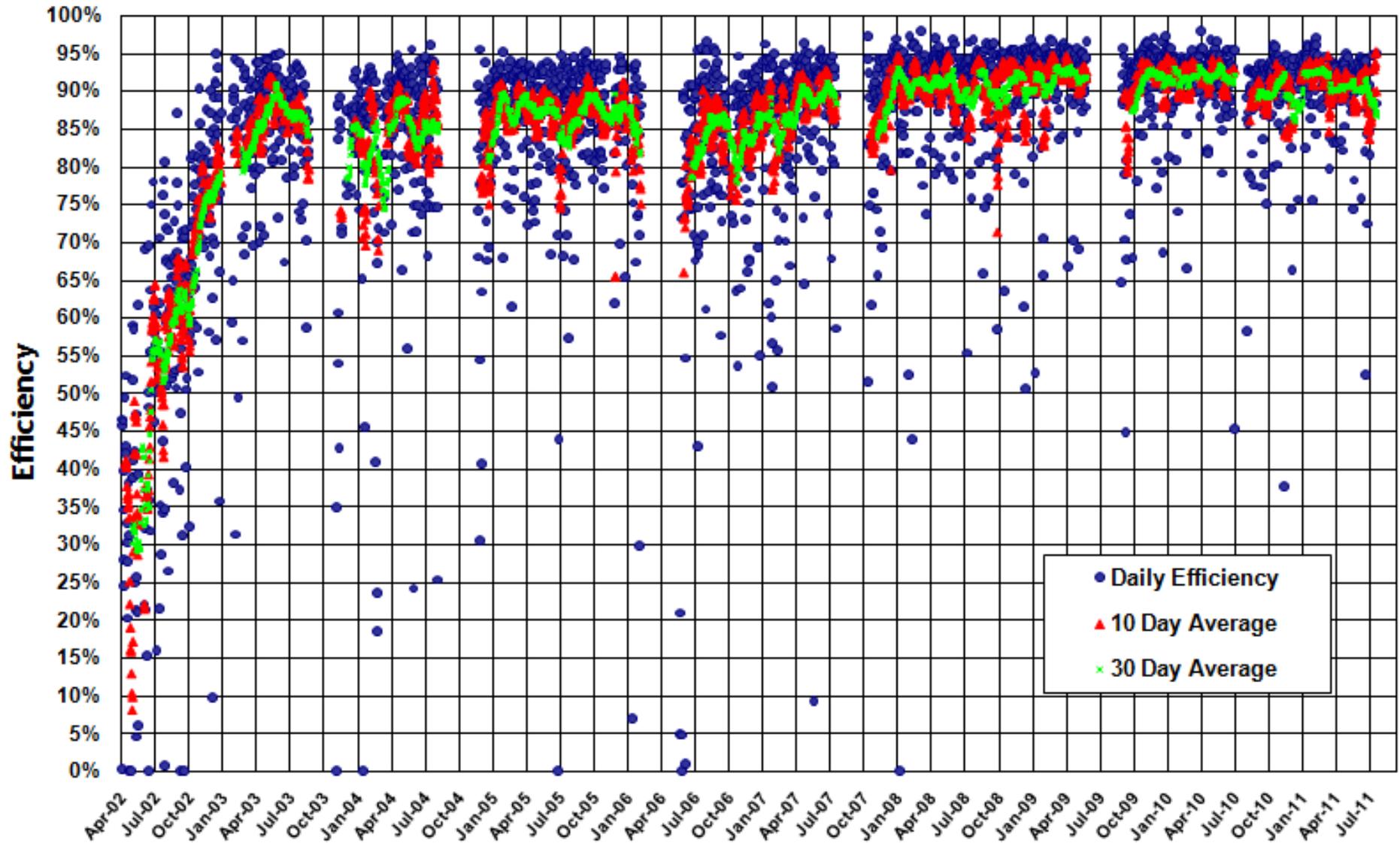


- Wednesday 3 August
 - Complete repair of calorimeter preamp power supplies
 - Continue Muon PDT high voltage efforts
 - Clean service cards
 - Enhance dry air purges
 - Adjust baffles
 - Install another dehumidifier
- Thursday 4 August
 - Close the detector
 - Update calibrations for various subsystems
 - Record cosmics
- Friday 5 August
 - Record cosmics
 - Opportunistic Access
 - Continue work on muon PDT HV
- Saturday 6 August (95%)
- Sunday 7 August (88%)
 - Silicon Track Trigger induced downtimes



Daily Data Taking Efficiency

1 July 2010 - 7 August 2011





Run II Integrated Luminosity

19 April 2002 - 7 August 2011

