

2008-01-14 Morning Pbar Summary

Monday, January 14, 2008
7:34 AM

- Stacking Numbers from Paul's Plots:
 - Sunday
 - Most in an hour: 23.79 mA at Sun Jan 13 16:24:57 CST 2008
 - Best: 24.69 mA on 09-Jan-08
 - Average Production 19.33 e-6/proton Best: 23.53 e-6/proton on 11/11/2007
 - Average Protons on Target 6.38 e12 Best: 8.77 e12 on 07/24/2007
 - Saturday
 - Most in an hour: 23.12 mA at Sat Jan 12 15:14:56 CST 2008
 - Best: 24.69 mA on 09-Jan-08
 - Average Production 18.94 e-6/proton Best: 23.53 e-6/proton on 11/11/2007
 - Average Protons on Target 6.52 e12 Best: 8.77 e12 on 07/24/2007
 - Largest Stack 137.46 mA Best: 271.01 mA on 11/14/2007
 - Friday
 - Most in an hour: 24.17 mA at Fri Jan 11 21:14:58 CST 2008
 - Best: 24.69 mA on 09-Jan-08
 - Average Production 17.16 e-6/proton Best: 23.53 e-6/proton on 11/11/2007
 - Largest Stack 85.57 mA Best: 271.01 mA on 11/14/2007
- Pbar Weekend Numbers form Al's Java App
 - Stacking
 - Pbars stacked: 1168.97 E10
 - Time stacking: 60.25 Hr
 - Average stacking rate: 19.40 E10/Hr
 - Uptime
 - Number of pulses while in stacking mode: 92257
 - Number of pulses with beam: 82976
 - Fraction of up pulses was: 89.94%
 - The uptime's effect on the stacking numbers
 - Corrected time stacking: 54.19 Hr
 - Possible average stacking rate: 21.57 E10/Hr
 - Recycler Transfers
 - Pbars sent to the Recycler: 1172.72 E10
 - Number of transfers : 102
 - Number of transfer sets: 32
 - Average Number of transfer per set: 3.19
 - Time taken to shoot: 04.60 Hr
 - Time per set of transfers: 08.63 min
 - Transfer efficiency: 100.09%
 - Other Info
 - Average POT : 7.09 E12
 - Average production: 19.86 pbars/E6 protons

