

# 2011-02-16 Wednesday Morning Notes

Wednesday, February 16, 2011  
7:43 AM

## Stacking and Transfers

- Stacked 14.1mA/hr with a production of 22.89 pbar/Mp with 7.46 Tp on target
- Unstacking efficiency 89.6%
- Numbers are off due to large stack sizes and no Pelletron.

## Numbers

- Stacking
  - Pbars stacked: 351.85 E10
  - Time stacking: 23.31 Hr
  - Average stacking rate: 15.10 E10/Hr
- Uptime
  - Number of pulses while in stacking mode: 22330
  - Number of pulses with beam: 20739
  - Fraction of up pulses was: 92.88%
- The uptime's effect on the stacking numbers
  - Corrected time stacking: 21.65 Hr
  - Possible average stacking rate: 16.25 E10/Hr
  - Could have stacked: 378.84 E10/Hr
- Recycler Transfers
  - Pbars sent to the Recycler: 291.16 E10
  - Number of transfers : 14
  - Number of transfer sets: 2
  - Average Number of transfer per set: 7.00
  - Time taken to shoot including reverse proton tuneup: 00.05 Hr
  - Transfer efficiency: 87.86%
- Other Info
  - Average POT : 7.40 E12
  - Average production: 22.92 pbars/E6 protons

Plots





