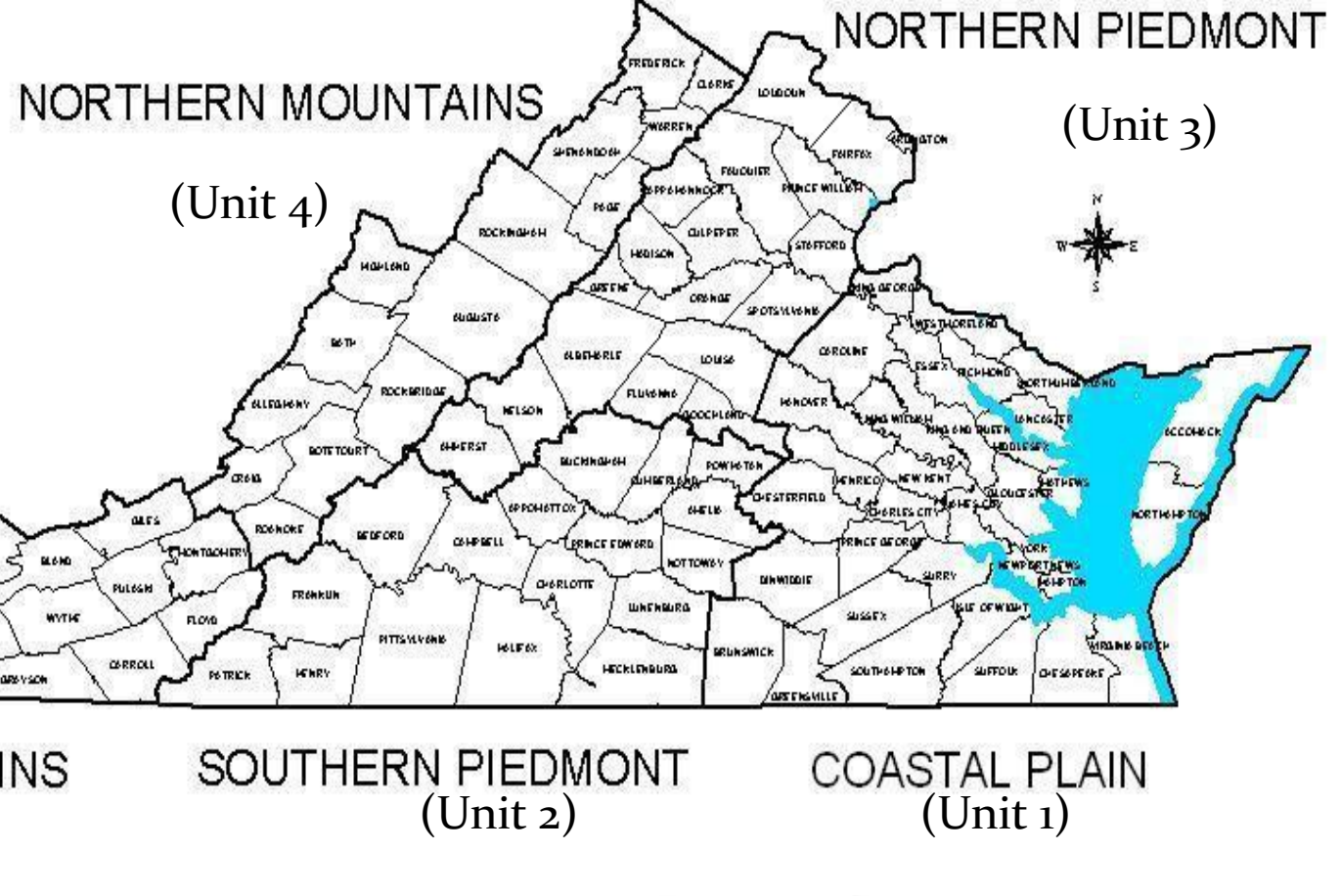




# Focus on the Southern Piedmont

# FOREST INVENTORY UNITS IN VIRGINIA



# Factors Influencing the Resource

- Growth/Removals
- Forest land area
- Harvesting
- Reforestation trends
- Cost Share Trends
- Climate / Storm Events
- Industry Changes
- Economy



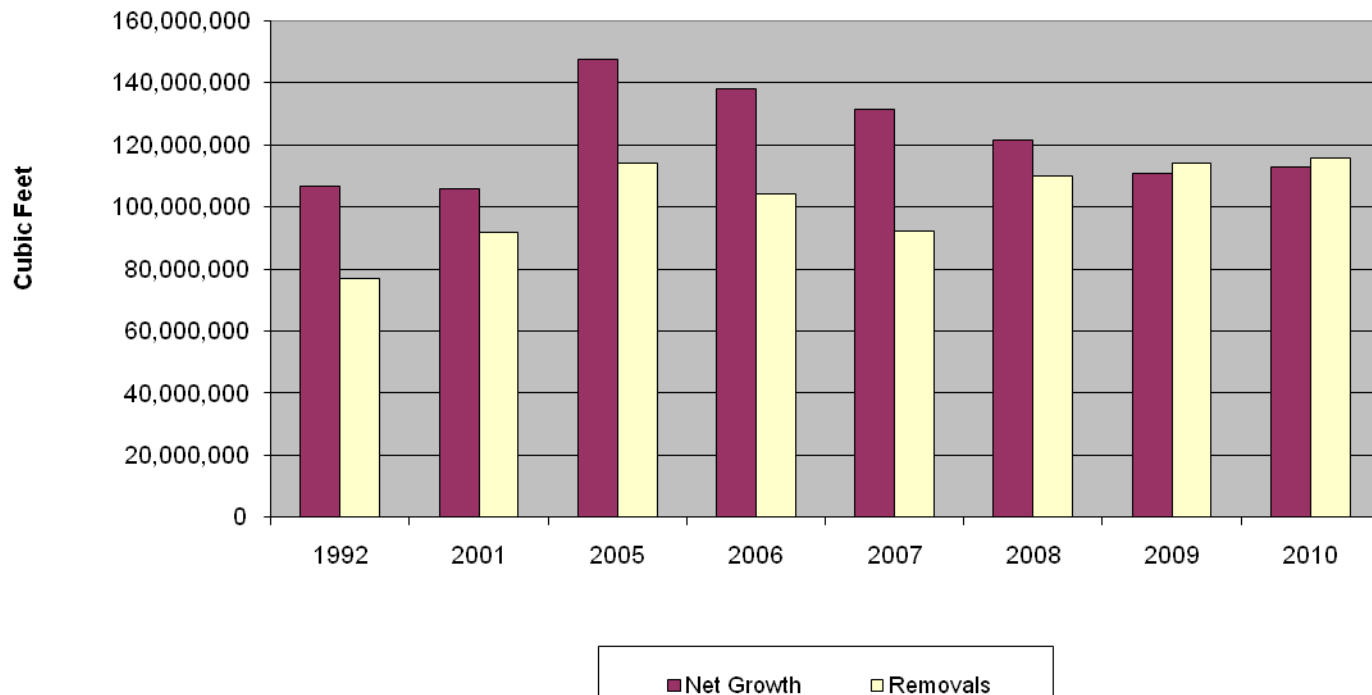
# Southern Piedmont Unit

## Net Growth to Removals Ratio

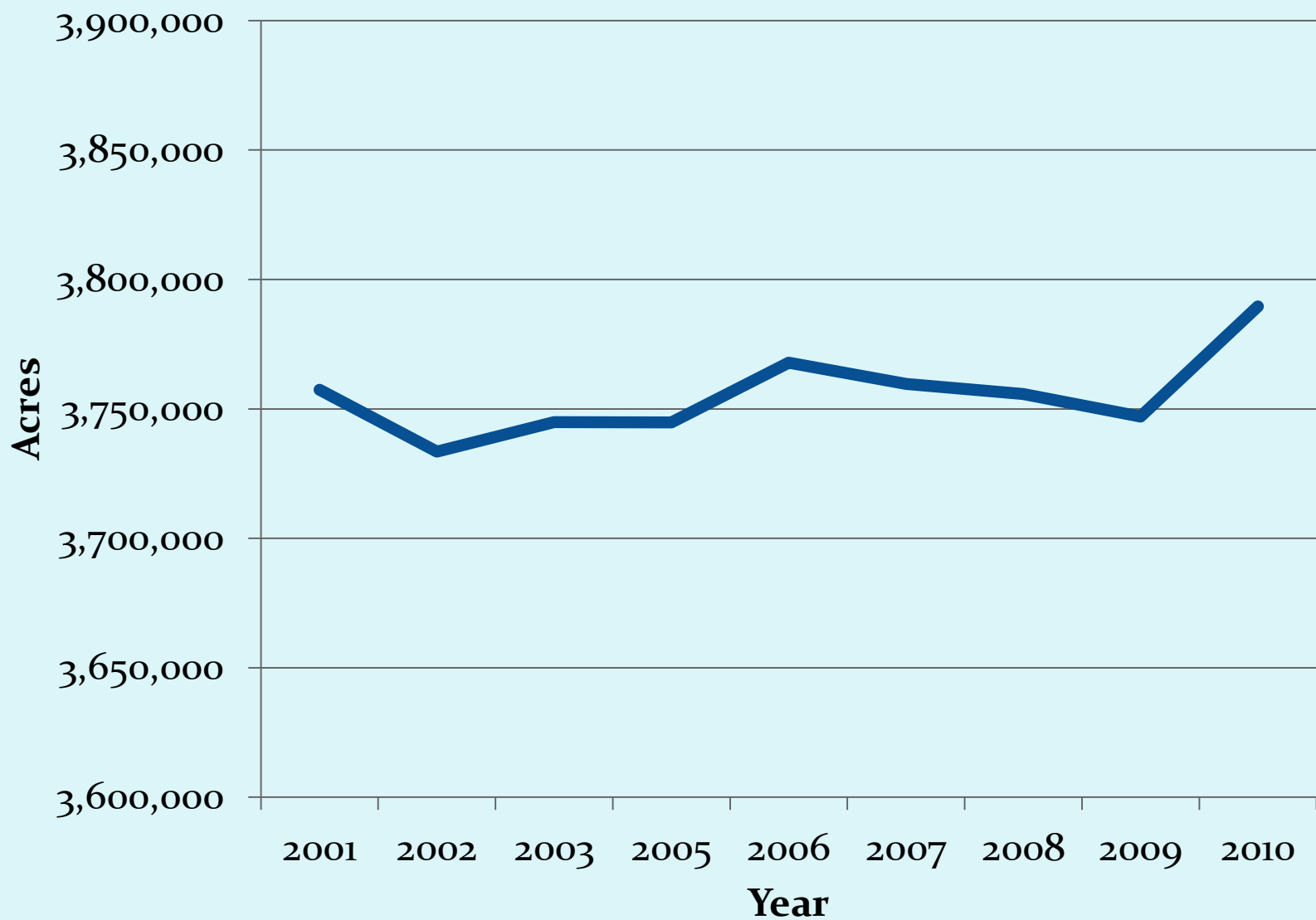
<b>YEAR</b>	<b>ALL</b>	<b>HARDWOOD</b>	<b>SOFTWOOD</b>
<b>2001</b>	<b>1.28</b>	<b>1.37</b>	<b>1.16</b>
<b>2005</b>	<b>1.50</b>	<b>1.76</b>	<b>1.29</b>
<b>2006</b>	<b>1.55</b>	<b>1.81</b>	<b>1.33</b>
<b>2007</b>	<b>1.56</b>	<b>1.69</b>	<b>1.42</b>
<b>2008</b>	<b>1.32</b>	<b>1.56</b>	<b>1.11</b>
<b>2009</b>	<b>1.16</b>	<b>1.41</b>	<b>0.97</b>
<b>2010</b>	<b>1.14</b>	<b>1.34</b>	<b>0.98</b>
<b>NC Piedmont 2010</b>	<b>1.33</b>	<b>1.53</b>	<b>1.06</b>

# Growth / Removals (S. Piedmont)

Pine Net Growth vs. Removals

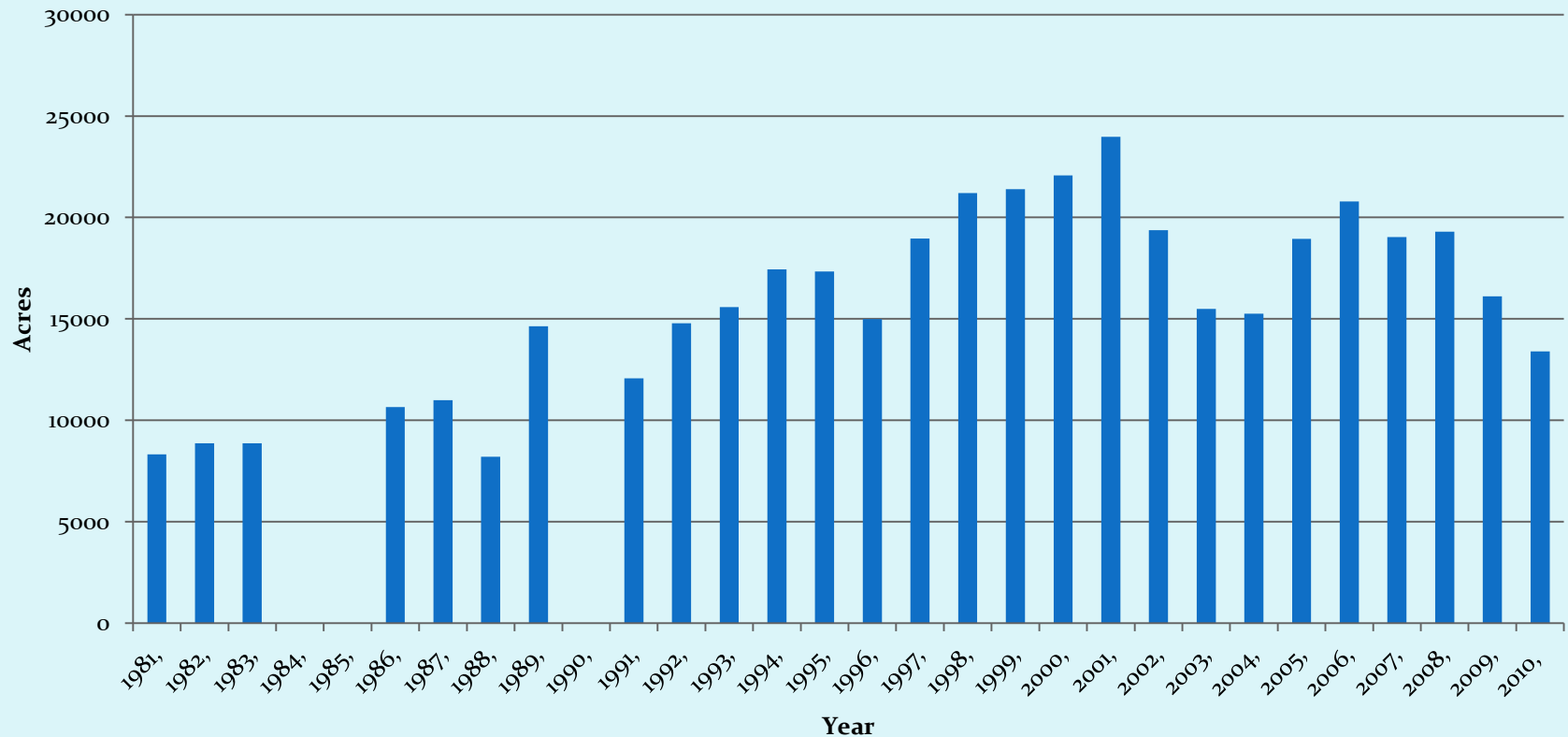


# Southern Piedmont Forest Acres



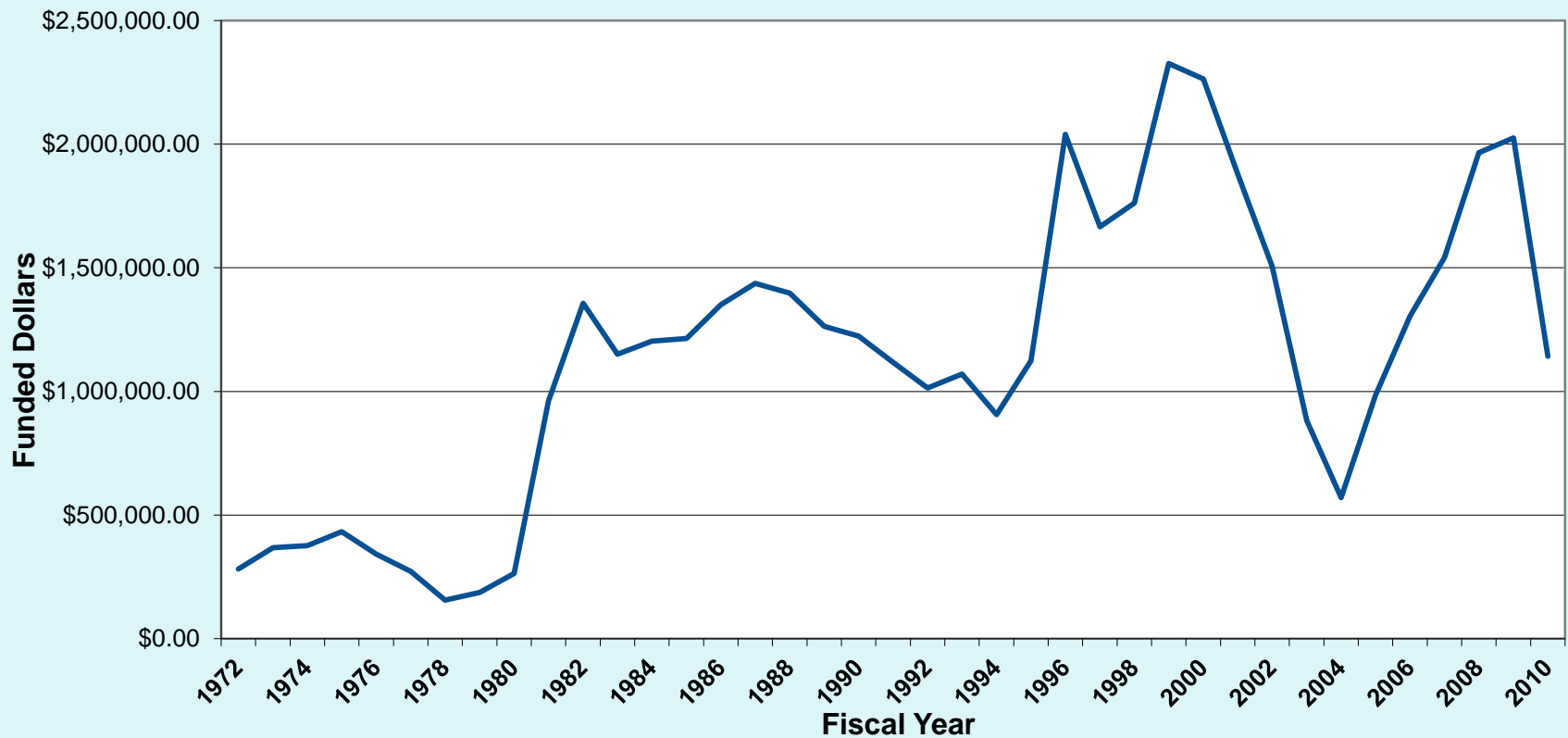
# Reforestation Trends

## Va. S. Piedmont NIPF Tree Planting



# Cost Share Trends

## RT INCENTIVE FUNDING TO LANDOWNERS HISTORY



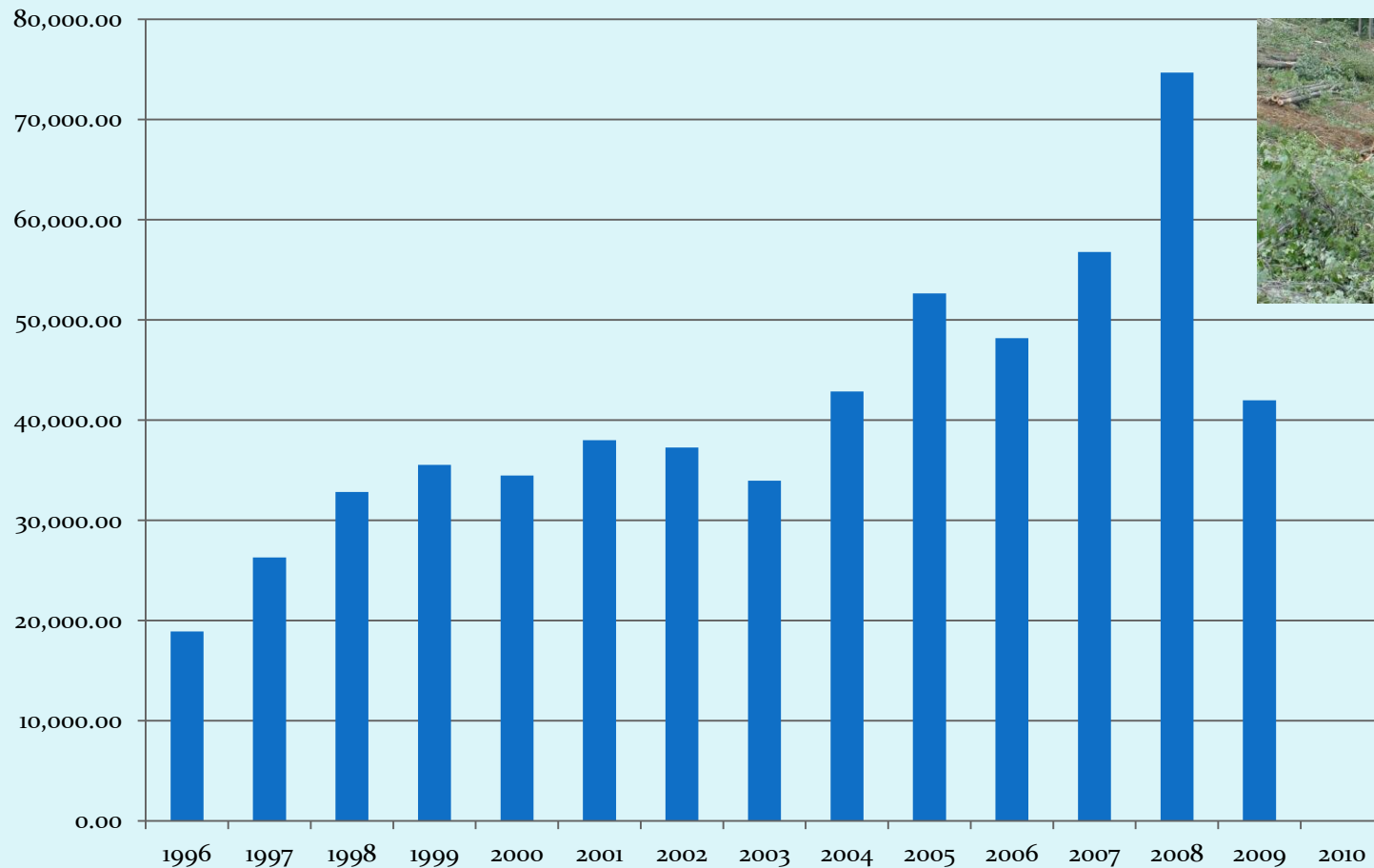


# Loblolly Pine Forest Type – Annual Trends – S. Piedmont

- Acres converted to Loblolly Pine type +32,550
- Acres of Loblolly Pine type lost to other Forest Types or land use changes -17,692
- Net annual gain in loblolly pine forest type 14,858 ac

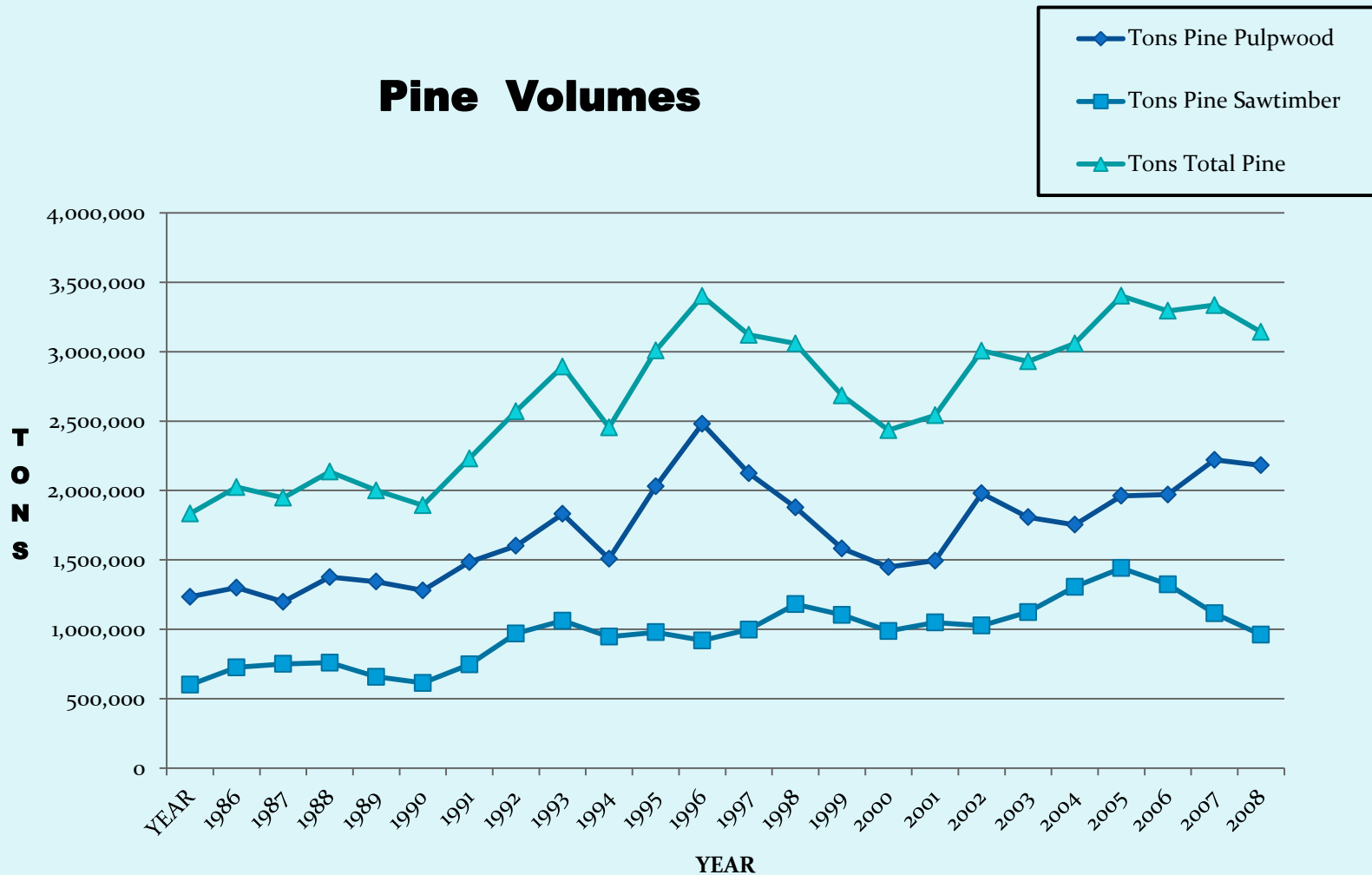


# Timber Harvesting (S. Piedmont)

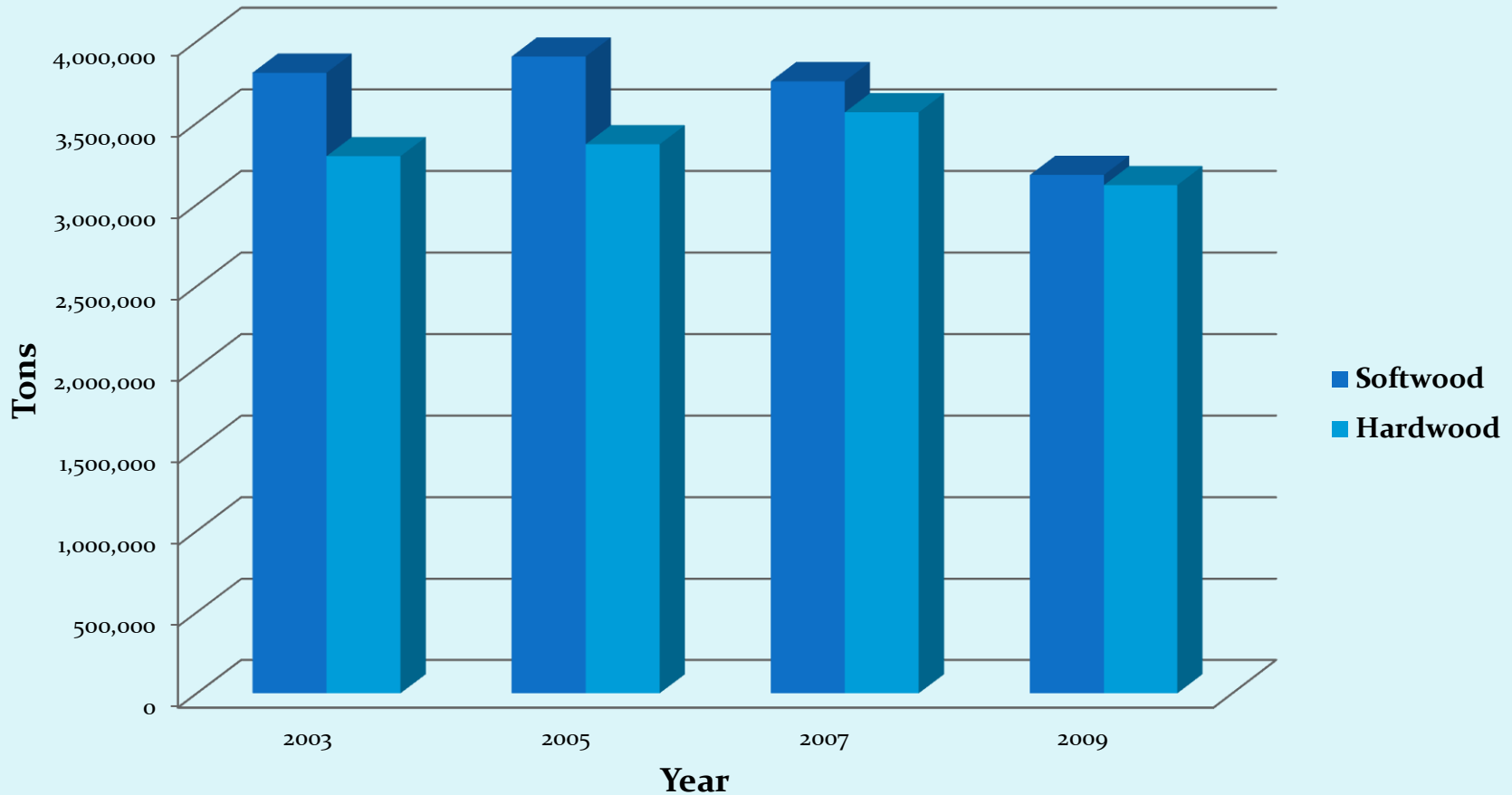


# Virginia Southern Piedmont Pine Harvest

## Pine Volumes

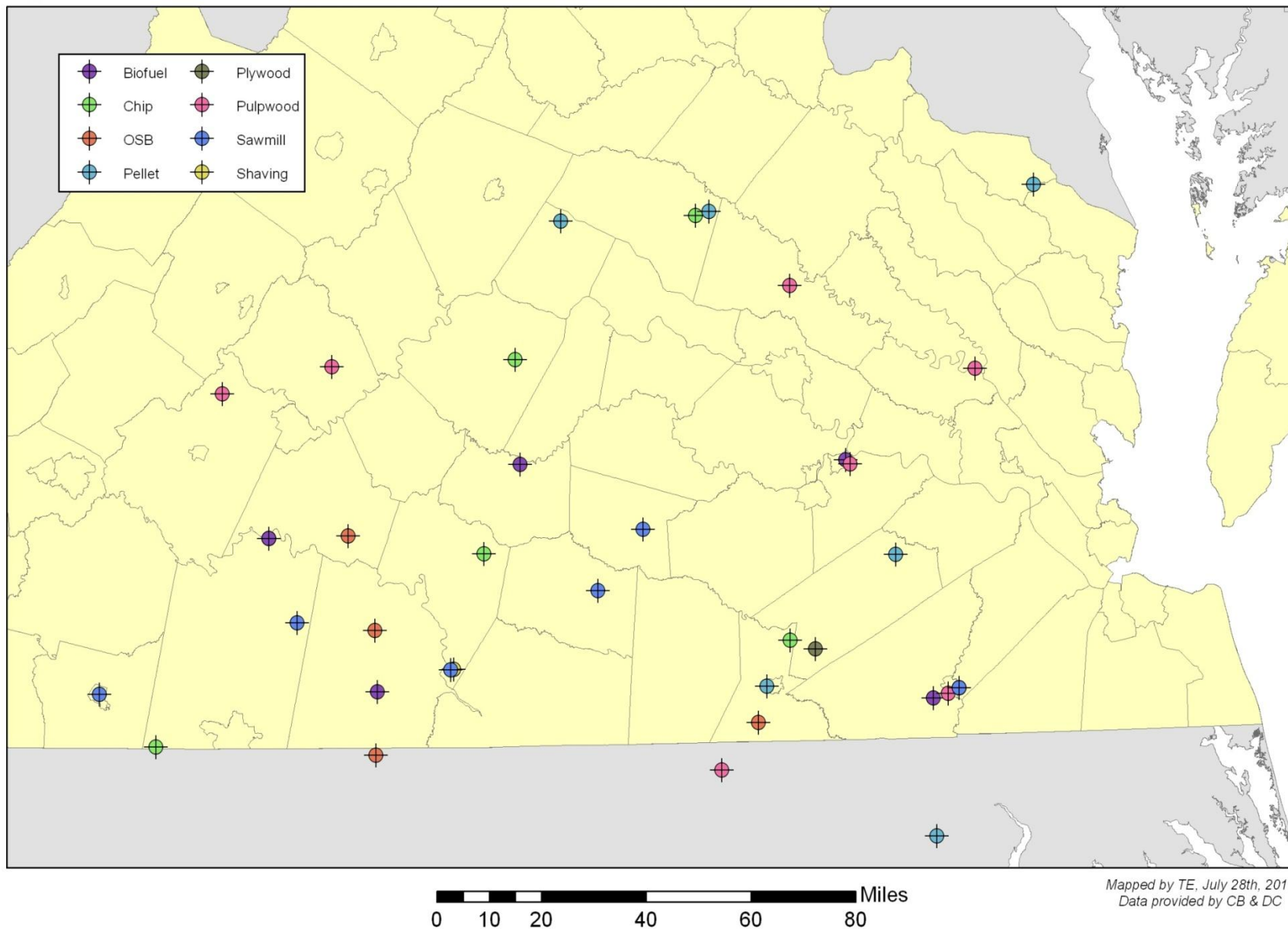


# Virginia Southern Piedmont Timber Products Output



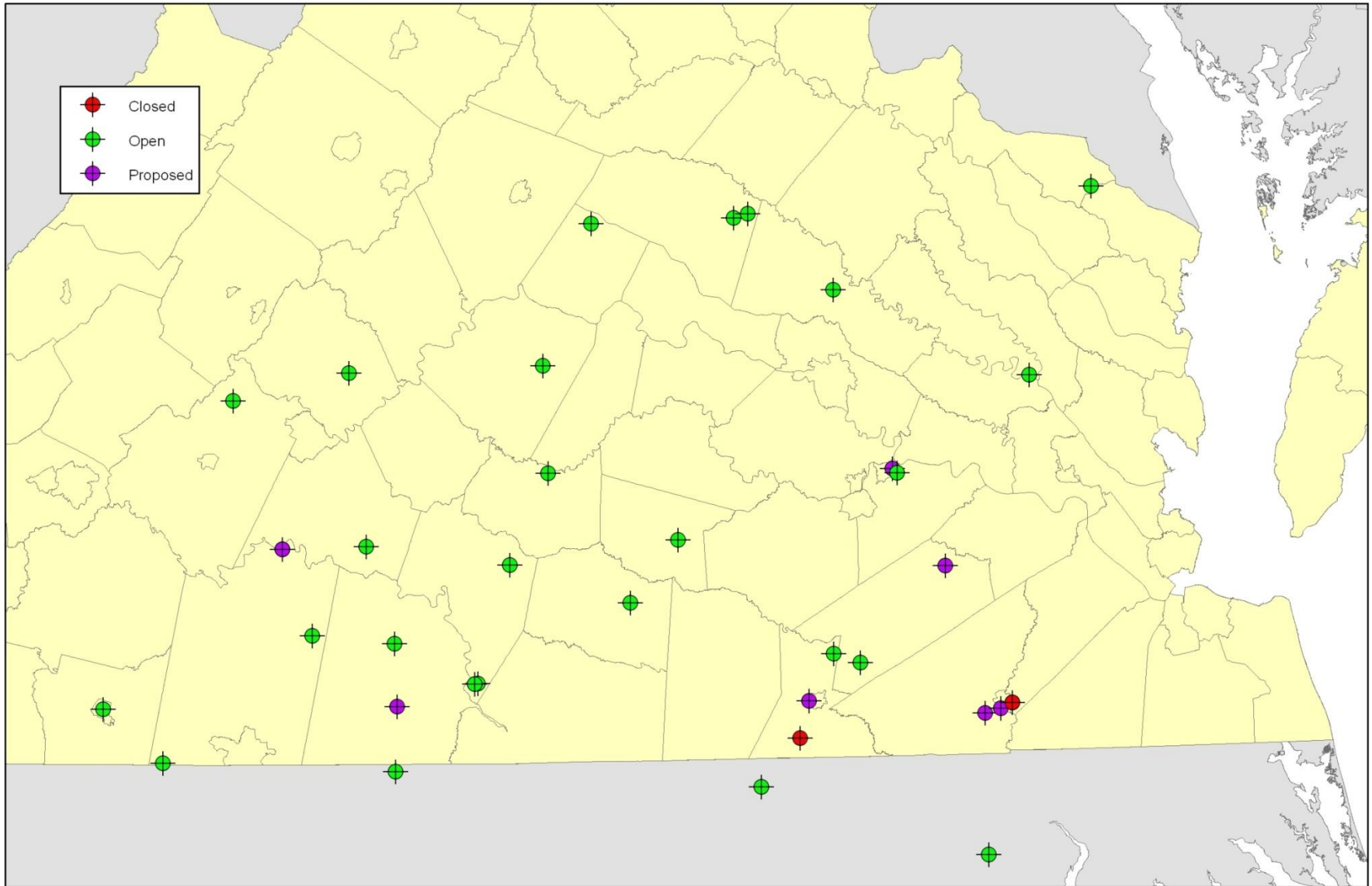


## Mill Type in Southern Virginia





## Mill Status in Southern Virginia

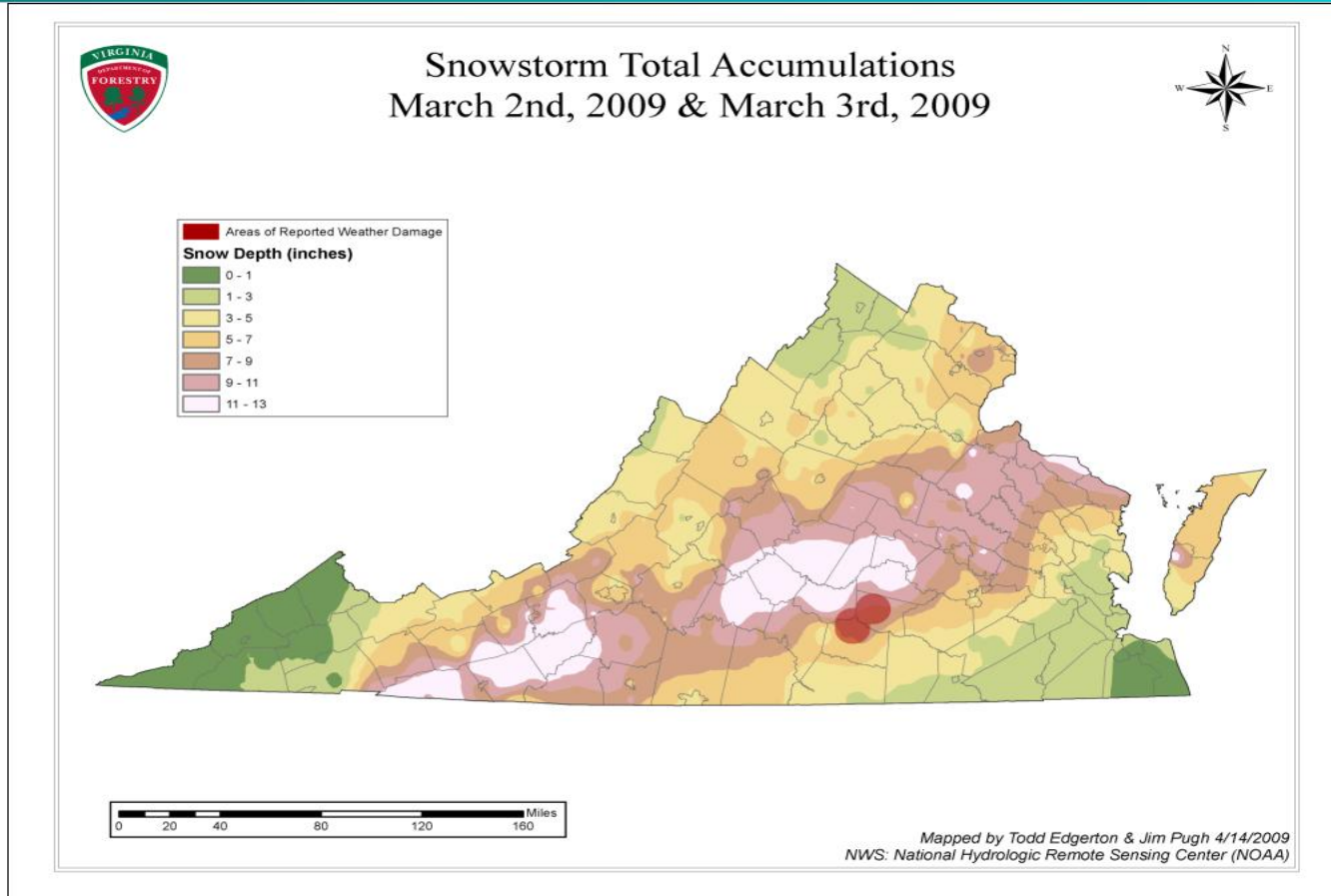


0 10 20 40 60 80 Miles

Mapped by TE, July 28th, 2011  
Data provided by CB & DC

# Climate / Storm Events

Snowfall Map Figure 1 - Windows Picture and Fax Viewer



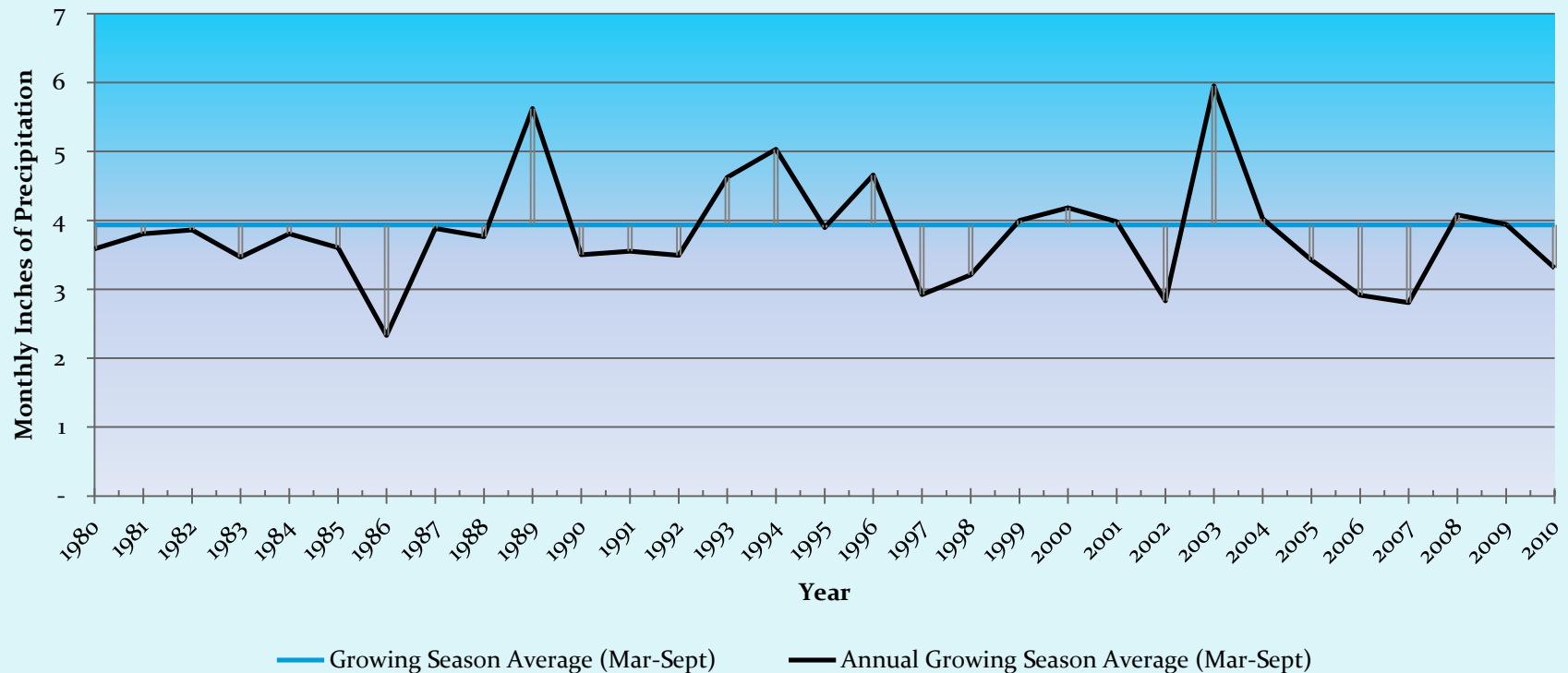
Navigation icons: back, forward, home, search, print, zoom, etc.

Windows taskbar showing Start button, system tray icons, and open applications: Inbox - Micro..., 6 Reminders, Southern Pie..., Snowfall..., Southern Pie..., Creighton da..., Mean Annua..., Microsoft Ex..., 6:07 PM



# Climate / Storm Events

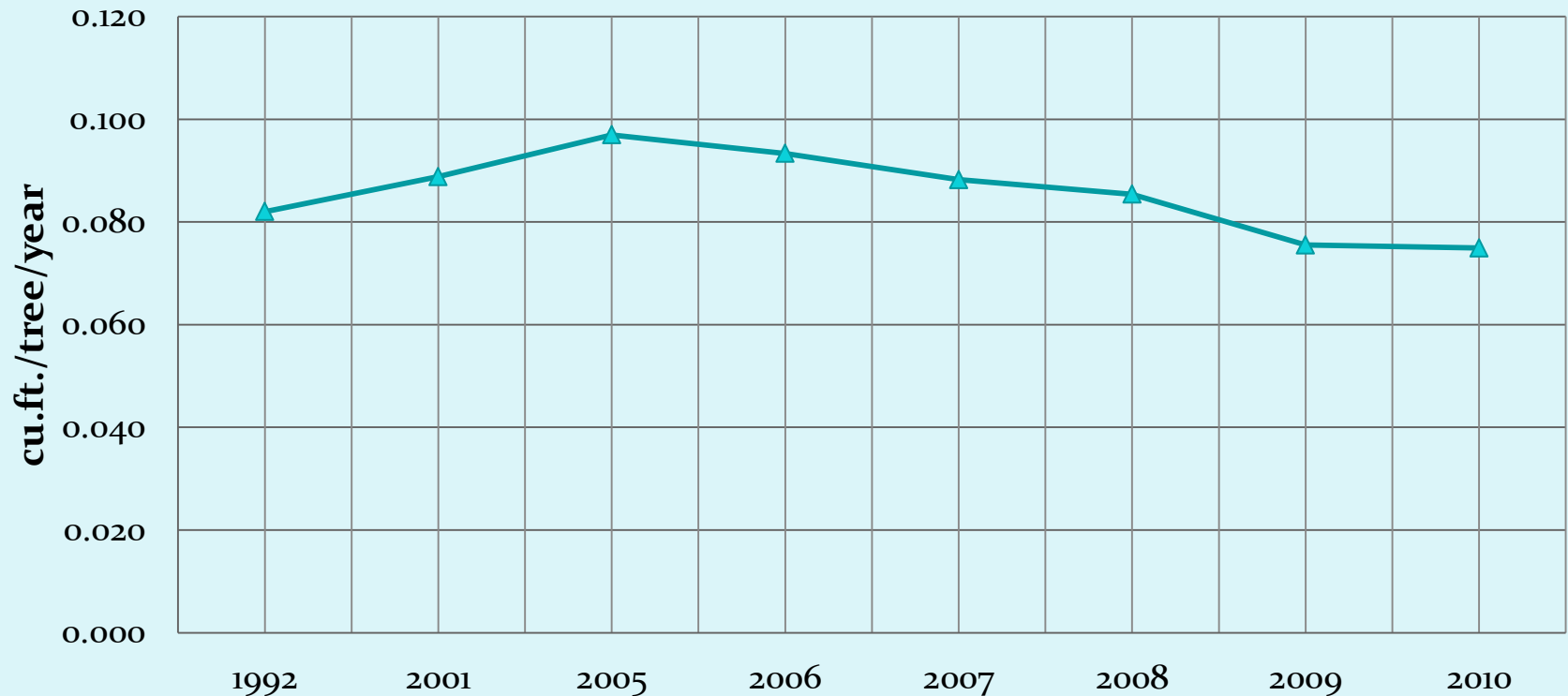
**Average Monthly Precipitation: Growing Season (March-September)**  
*1980-2010 (Farmville, VA)*



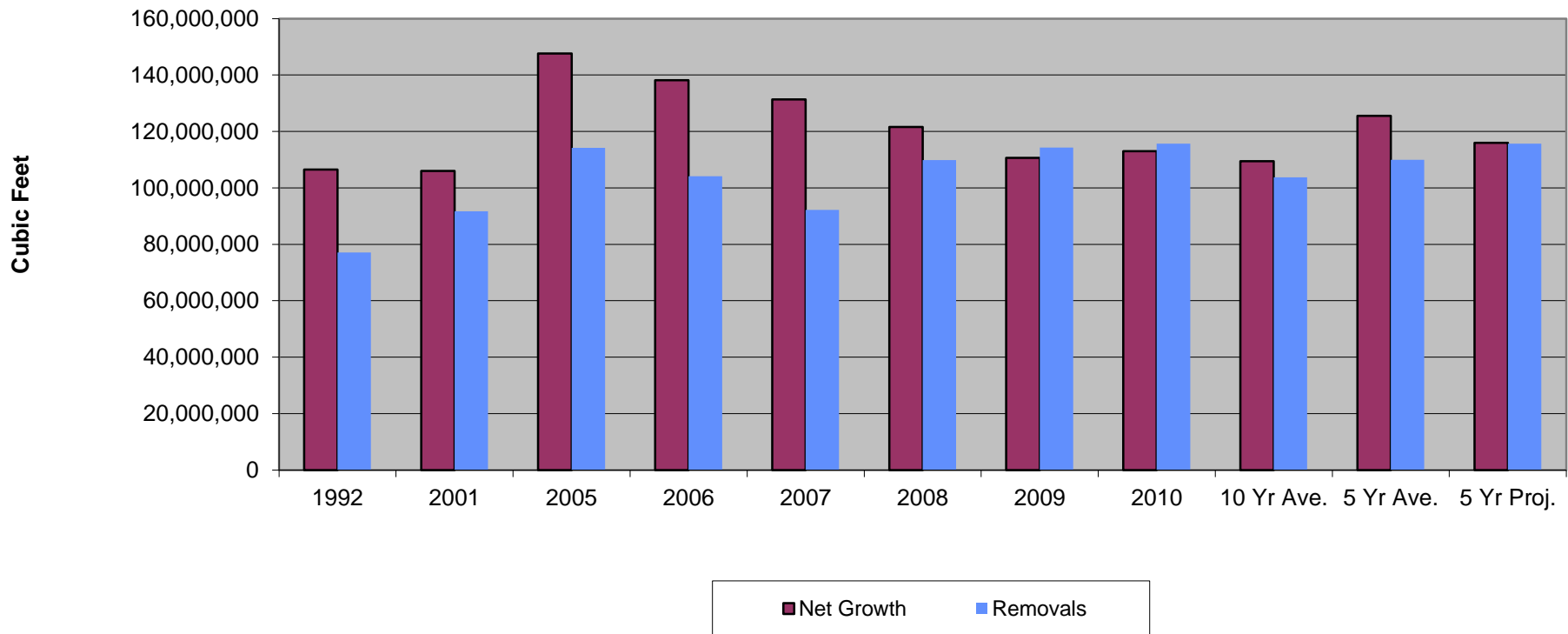


# Climate/Storm Events

**Mean Annual Increment by Individual Tree - Southern  
Piedmont**



# Southern Piedmont Softwood Net Growth vs. Removals - Projection





Keeping our Forests  
Working...and Growing