

BASAL AREA OF TREES (m²/ha), total, by species, by plot and year, 1998-2002

1. Basal area fell in all plots in 1998-1999, but much more in Iced than in Control plots.
2. Basal area continued to fall in Iced plots in 1999-2000 (.4 to 2.4%) and 2000-2001 (.8 to 1.2%), while it increased in Control plots, over 4% in 2000-2001.
3. In contrast to all previous years, in 2000-2001 Iced plots had greater percent gains in biomass (over 1.5%) than Control plots (-.3 to +.4%).
4. *Acer saccharum* experienced declines annual declines in basal area of less than 10%; the timing of losses were dissimilar in the two Iced plots.
5. Basal area of *Acer saccharum* declined slightly in both Control plots in 2000-2001 while it increased over 1% in Iced plots, accounting in part for #3 above.
6. Response of *Ostrya virginiana* after the Ice storm is not consistent within treatment:
 - a. In Iced plot 1, basal area of *Ostrya* decreased dramatically in 1998-1999 and 2000-2001.
 - b. In Iced plot 2, basal area of *Ostrya* increased strongly after the first year.
 - c. In Control plot 3, basal area of *Ostrya* increased as much as in Iced plot 2 in all but 1999-2000. Many recruits are entering the tree class.
 - d. In contrast to Control plot 3, basal area of *Ostrya* in Control plot 4 has remained rather constant over the period 1998 to 2002.