



Chapter 3, Figure 3.6

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April - May 2011 Wind Speeds and Water Levels in Back Bay

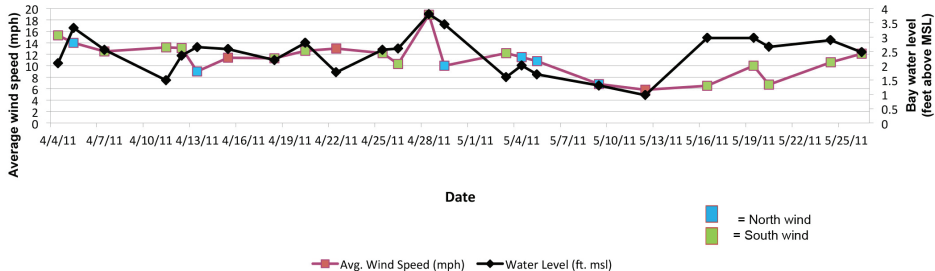


Figure 3.6. In large microtidal embayments such as Virginia’s Back Bay, wind speed and direction have a great effect on water levels, creating “wind tides.” When strong winds from the south blow across the bay, wind tides raise water levels, whereas when strong winds come from the north, water levels are lowered. (Prepared from U.S. Fish and Wildlife Service data)