New York Heating Degree Day Report

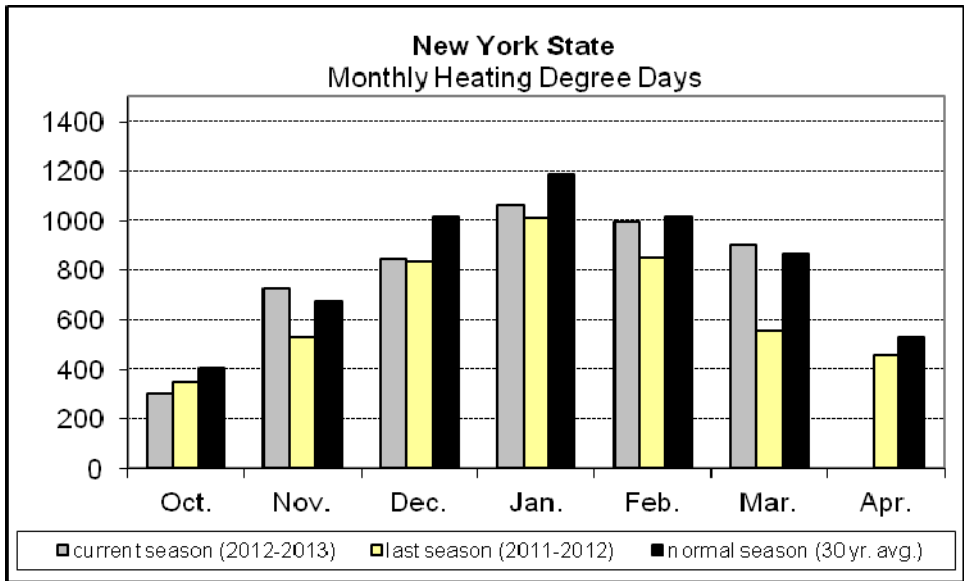
For Period October 2012 – March 2013

This report addresses monthly and cumulative heating degree day[1] data for New York State and select NYS cities.

Cumulative 2012-2013 Heating Degree Day Summary

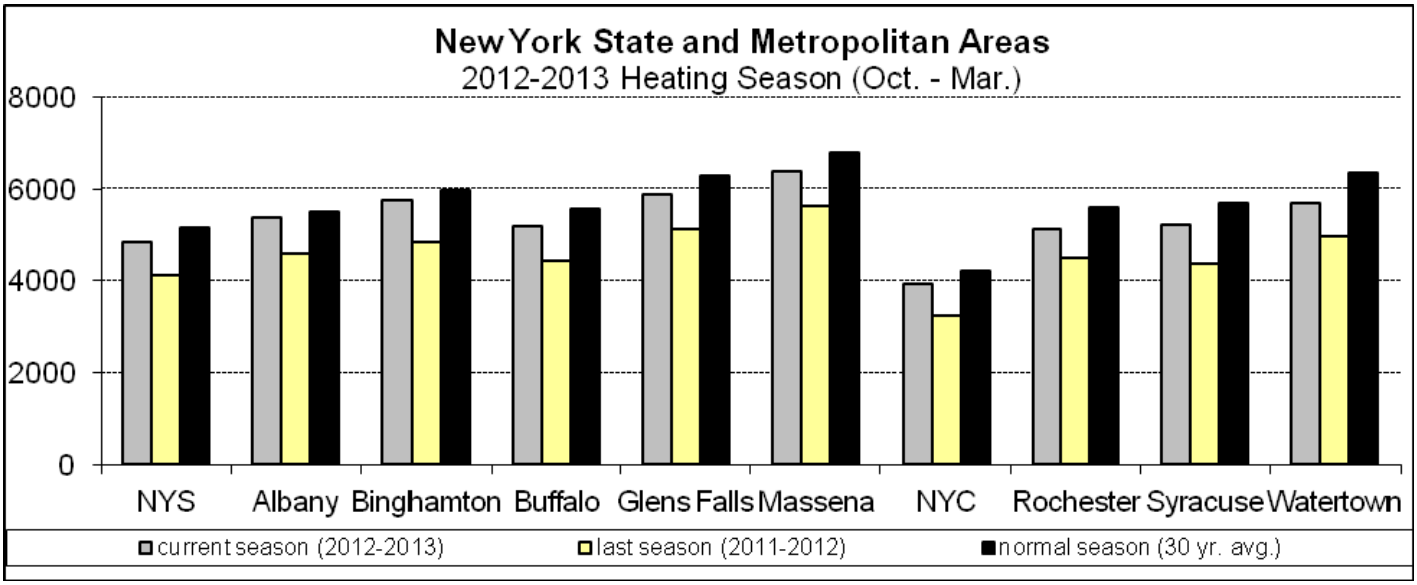
New York State

For the current heating season to date (October 2012 – March 2013), New York experienced 17% colder weather (thus resulting in more heating degree days) than the October 2011 – March 2012 timeframe; the number of heating degree days was 6% warmer from a normal[2] season for the same period. The chart to the right provides monthly heating degree data for New York State over the course of the heating season.



New York Metropolitan Areas

The cities listed in the chart below experienced warmer temperatures (fewer heating degree days) from their norms for the season to date. Albany and Binghamton are 2-4% warmer than their norms for the season to date. Buffalo, Glens Falls, Massena, and New York City are 6-7% warmer than their norms for the season to date. Rochester, Syracuse, and Watertown are 8-10% warmer than their norms for the season to date. The statewide amount is 6% warmer than the normal.



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[1] Heating degree day (HDD) is a quantitative index designed to reflect the demand for energy needed to heat a home or business. The number of heating degrees in a day is defined as the difference between a reference value of 65°F (18°C) and the average outside temperature for that day.

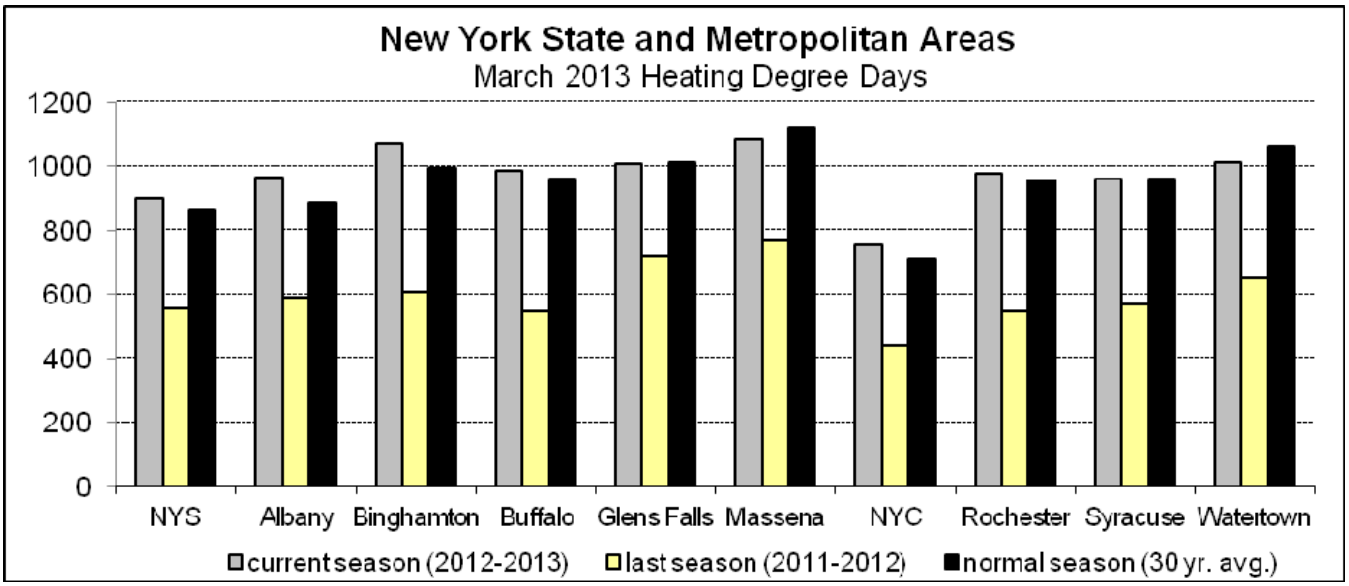
[2] Normal season is a 30-year degree-day average value for the period 1971-2000.

March Heating Degree Days

New York State

For the month of March 2013, New York statewide weather was colder than last year and the 30 year norm, recording 62% more heating degree-days than March 2012 and 4% more heating degree-days than a normal March. The chart below is March 2013 heating degree-days for New York State metropolitan areas. The table below provides a summary for the current heating season as measured by heating degree-day data.

New York Metropolitan Areas



Statewide Summary

Summary of Statewide Weather		
	Current Season vs Last Season	Current Season vs Normal Season[1]
October 2012	12% warmer	25% warmer
November 2012	38% colder	7% colder
December 2012	1% colder	16% warmer
January 2013	5% colder	11% warmer
February 2013	17% colder	2% warmer
March 2013	62% colder	4% colder
April 2013		
6 month (Oct. – Mar.)	17% colder	6% warmer

[1] Normal season is a 30-year degree-day average value for the period 1971-2000.
Data Source: National Oceanic and Atmospheric Administration