

## NYSERDA HEATING FUELS REPORT

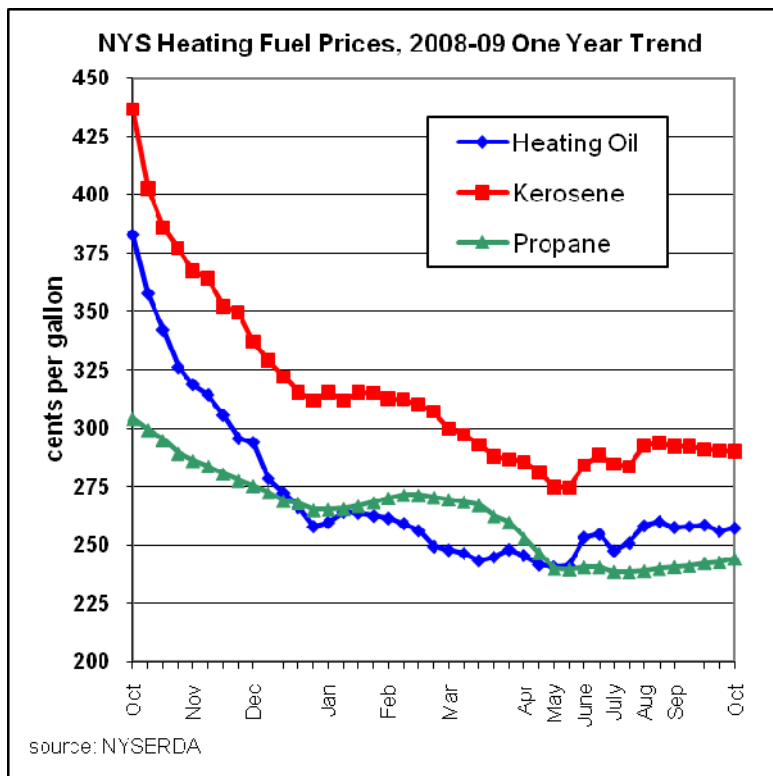
**October 5, 2009**

**Note:** This week's Heating Fuels Report includes heating degree day (HDD) data at the statewide level as well as for ten New York metropolitan regions. The data includes year to date, prior and normal year temperatures. It will be updated and presented through the entirety of the heating season through the end of April, 2010. In addition, the Report includes new graphs with inventory data for ultra-low sulfur diesel (0-15 PPM) in the Mid-Atlantic region (PADD 1B) as well as propane stocks in the New England region (PADD 1A).

**Retail Petroleum Prices** – On a statewide basis since the last survey on September 28<sup>th</sup>, prices increased 1.3¢/gallon (0.5%) to 257.3¢/gallon for heating oil, 1.5¢/gallon (0.6%) to 244.0¢/gallon for propane, but decreased 0.2¢/gallon (0.1%) to 290.2¢/gallon for kerosene. Compared to a year earlier, prices fell 125.5¢/gallon (32.8%) for heating oil, 60.1¢/gallon (19.8%) for propane, and 146.1¢/gallon (33.5%) for kerosene.

**Crude Oil Prices** – For the week ending 10/2/09, WTI crude oil spot prices averaged \$68.84/bbl, an increase of \$0.51/bbl (0.7%) from the week-ago average of \$68.33/bbl. WTI prices are now \$27.75/bbl (28.7%) below the year-ago weekly average of \$96.59/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/03/08.

**Spot Natural Gas Prices** – For the week ending 10/2/09, Henry Hub natural gas spot prices averaged \$3.024 per million Btu (mmBtu), a decrease of \$0.434/mmBtu (12.6%) from the prior week level of \$3.458/mmBtu. Prices are currently \$4.258/mmBtu (58.5%) below the year-earlier weekly average of \$7.282/mmBtu.



**Residential Natural Gas Prices** – The NYS average price in July 2009 was \$1.778/therm, an increase of \$0.138/therm (8.4%) from the prior month of \$1.640/therm, and was \$0.640/therm (26.5%) lower than the year earlier average of \$2.418/therm.

**Middle Atlantic Stocks** – Current and historic heating fuel inventory data is presented in the table below.

<b>Middle Atlantic Region, Weekly Inventories (million barrels)</b>							
Fuel Type	10/2/09	9/25/09	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
Highway Diesel (0-15 ppm)	11.2	11.0	1.8%	6.9	62.3%	3.9	187.2%
Non-road Diesel (15-500 ppm)	4.4	4.6	-4.3%	2.4	83.3%	6.3	-30.2%
Home Heating Oil (>500 ppm)	29.3	28.6	2.4%	22.0	33.2%	22.8	28.5%
Propane	2.678	2.690	-0.4%	2.159	24.0%	2.210	21.2%
#6 Residual Oil	10.0	11.0	-9.1%	11.2	-10.7%	10.9	-8.3%
US Natural Gas	3,658	3,589	1.9%	3,185	14.9%	3,178	15.1%
US Crude Oil	337.4	338.4	-0.3%	302.6	11.5%	306.7	10.0%

ppm = parts per million sulfur content

Notes: Natural Gas in billion cubic feet (Bcf), Middle Atlantic is DE, DC, MD, NJ, NY, and PA

Source: US DOE/EIA

New York State Retail #2 Heating Oil Posted Credit Prices (cents per gallon)					
REGION	10/5/09	9/28/09	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	274.2	269.8	1.6%	388.8	-29.5%
New York City	281.2	280.4*	0.3%	392.4	-28.3%
Lower Hudson	265.3	261.6	1.4%	385.7	-31.2%
Upper Hudson	249.5	248.4	0.4%	382.3	-34.7%
Capital District	239.8	239.6	0.1%	373.8	-35.8%
North Country	255.2	256.7	-0.6%	382.6	-33.3%
Central	237.5	238.0	-0.2%	373.9	-36.5%
Western	243.9	244.4	-0.2%	375.5	-35.0%
<b>Statewide</b>	<b>257.3</b>	<b>256.0*</b>	<b>0.5%</b>	<b>382.8</b>	<b>-32.8%</b>
New York State Retail Propane Posted Credit Prices (cents per gallon)					
Long Island	298.0	295.3	0.9%	337.8	-11.8%
Mid-Hudson	242.1	241.6	0.2%	308.8	-21.6%
Capital District	291.3	284.5	2.4%	339.2	-14.1%
North Country	250.0	249.0*	0.4%	315.6	-20.8%
Central	215.5	215.5	0.0%	278.4	-22.6%
Western	235.7	233.5	0.9%	290.7	-18.9%
<b>Statewide</b>	<b>244.0</b>	<b>242.5*</b>	<b>0.6%</b>	<b>304.1</b>	<b>-19.8%</b>
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	307.4	307.8	-0.1%	460.7	-33.3%
Capital District	288.8	286.9	0.7%	424.9	-32.0%
North Country	288.9	289.7	-0.3%	428.1	-32.5%
Central	269.4	271.0	-0.6%	415.3	-35.1%
Western	282.3	282.0	0.1%	431.1	-34.5%
<b>Statewide</b>	<b>290.2</b>	<b>290.4</b>	<b>-0.1%</b>	<b>436.3*</b>	<b>-33.5%</b>
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	July 2009	June 2009	% Change vs. Prior Month	July 2008	% Change vs. Last Year
<b>Statewide</b>	<b>1.778</b>	<b>1.640</b>	<b>8.4%</b>	<b>2.418</b>	<b>-26.5%</b>

\* Revision

**Historic Retail Prices** – Statewide average high and low prices since Sept. 1997 for #2 & propane & Sept. 2000 for kerosene.

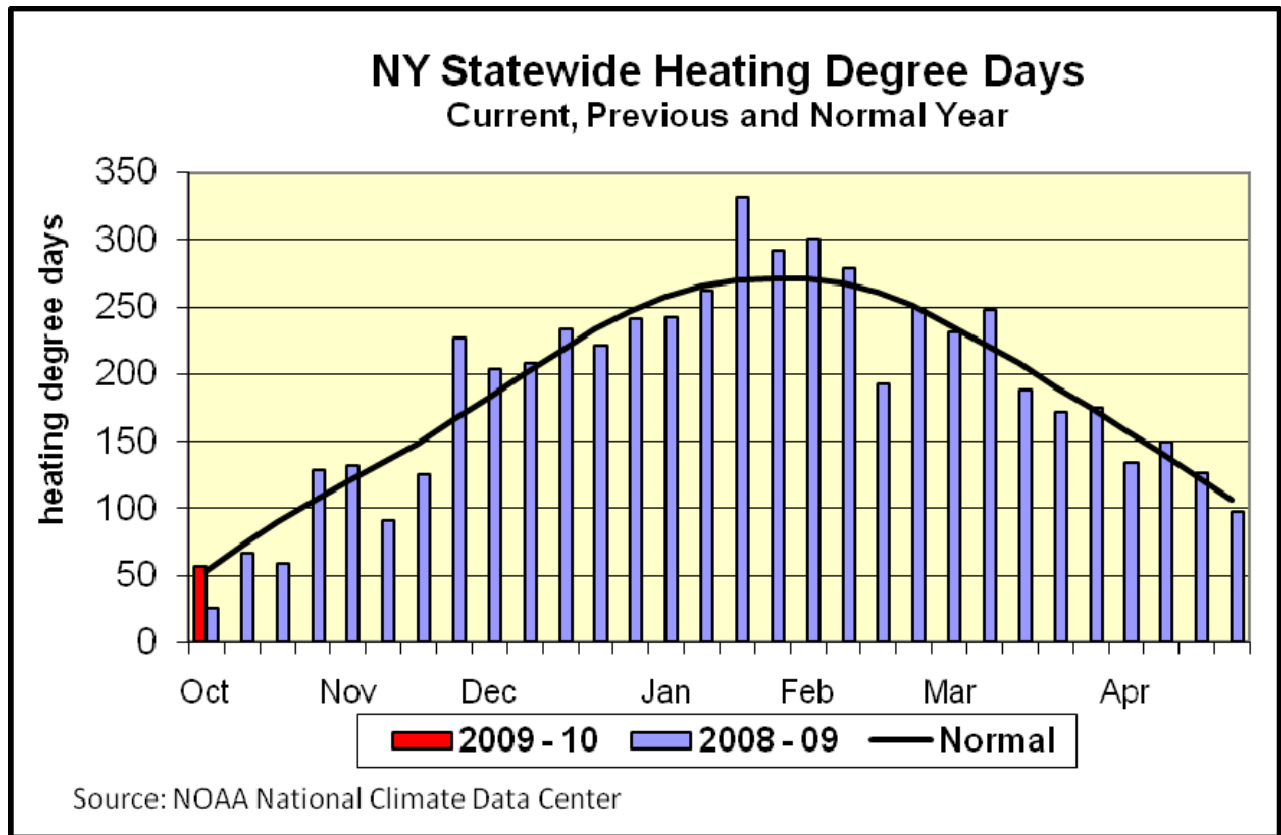
- Heating oil – highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane – highest price 318.5¢/gallon on 7/14/08, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene – highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

**Residential Natural Gas Prices:** Statewide average prices are derived from US EIA most currently available data. NYS gas utility specific prices can be found on the NYS DPS website at <http://www.dps.state.ny.us/TypicalBills.htm#GasRes>.

**New York State Regions:** *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton, Montgomery, Rensselaer, Saratoga, Schenectady, Schoharie, and Washington *North Country:* Clinton, Essex, Franklin, Hamilton, Jefferson, Lewis, St. Lawrence, and Warren *Central:* Broome, Cayuga, Chenango, Cortland, Delaware, Herkimer, Madison, Oneida, Onondaga, Oswego, Otsego, Tioga, and Tompkins *Western:* Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates counties. **Propane & Kerosene:** *Mid-Hudson:* Columbia, Dutchess, Greene, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester counties.

**Heating Degree Days** – On a statewide basis during the past week, the number of heating degree days (57) was 128.0% above the year-ago level of (25) and 5.6% above the normal trend (54).

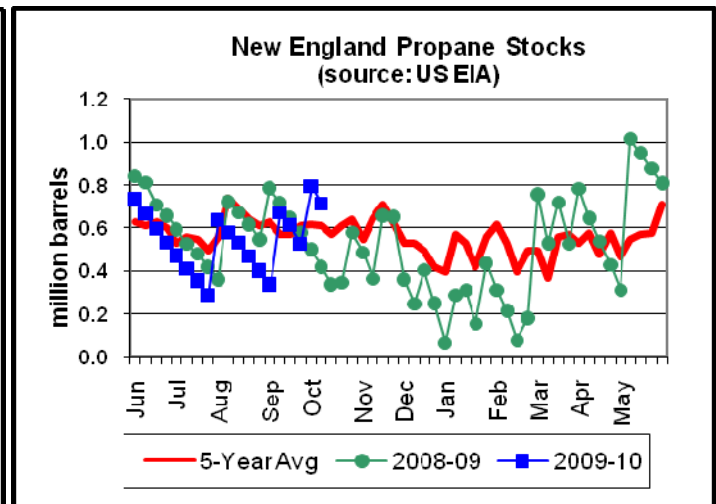
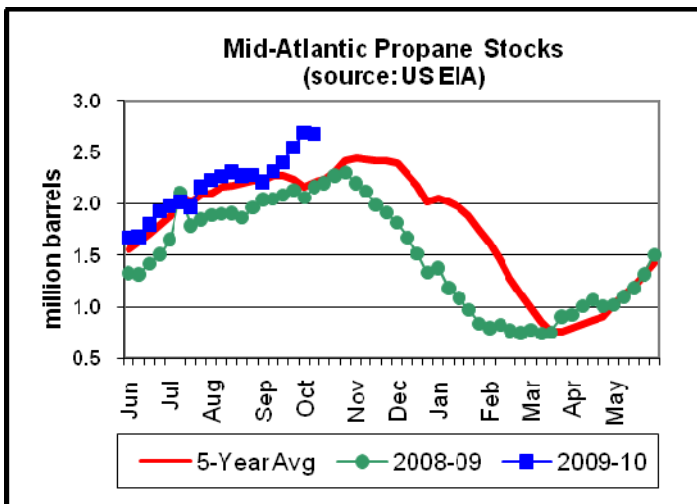
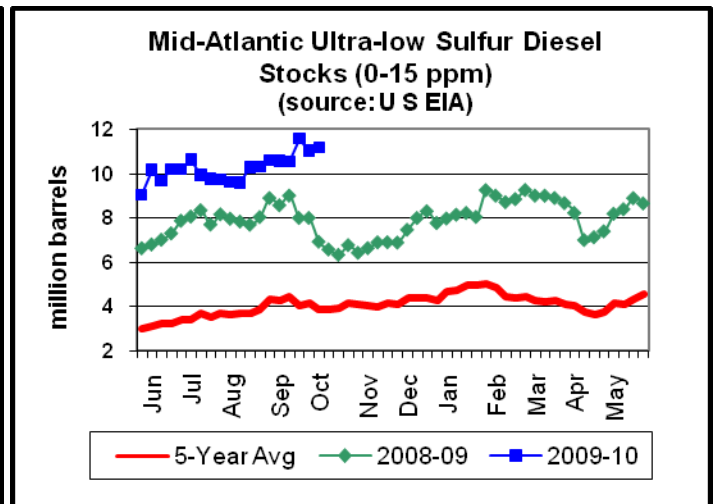
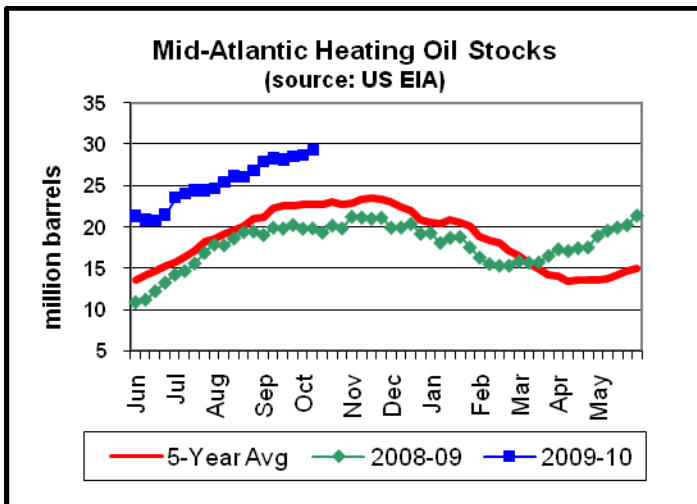
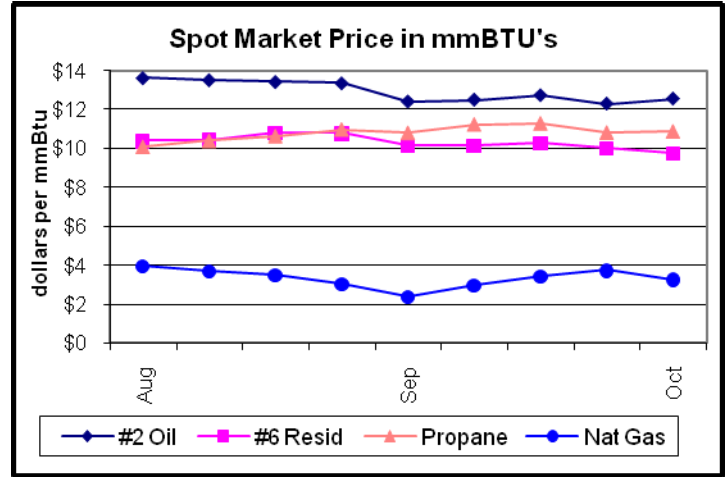
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending October 3, 2009			Cumulative From October 1		
	2009	2008	Normal	2008-09	2007-08	Normal
Albany	72	32	61	n/a	n/a	n/a
Binghamton	101	61	77	n/a	n/a	n/a
Buffalo	79	46	62	n/a	n/a	n/a
Glens Falls	103	42	81	n/a	n/a	n/a
Massena	98	56	83	n/a	n/a	n/a
NYC	29	6	26	n/a	n/a	n/a
Rochester	82	49	63	n/a	n/a	n/a
Syracuse	80	61	65	n/a	n/a	n/a
Utica	27	11	71	n/a	n/a	n/a
Watertown	93	48	81	n/a	n/a	n/a
<b>Statewide</b>	<b>57</b>	<b>25</b>	<b>54</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>



**Btu Price Equivalents** – The Btu graph equates the spot market price, in table below, for NY Harbor #2 heating oil and 1.0% sulfur low pour #6 residual fuel, Mont Belvieu propane, and the New York City gate natural gas price on a dollar per million Btu (mmBtu) basis.

New York Spot Prices, Weekly Average			
Fuel	10/2/09	Year Ago	% Change
Low-Sulfur Diesel	176.3	284.3	-38.0%
#2 Fuel Oil	174.2	274.1	-36.4%
#6 Residual 1.0%	145.9	289.1	-49.5%
Propane	93.5	140.4	-33.4%
Natural Gas	3.268	7.655	-57.3%

Note: Fuel in ¢/gallon, natural gas (\$/mmBtu)=NYcitygate



Additional historic **regional specific** prices and supply information is available at NYSERDA's website. For more information please contact Charlie Wesley at (518) 862-1090 ext. 3364, e-mail [cmw@nysERDA.org](mailto:cmw@nysERDA.org).