

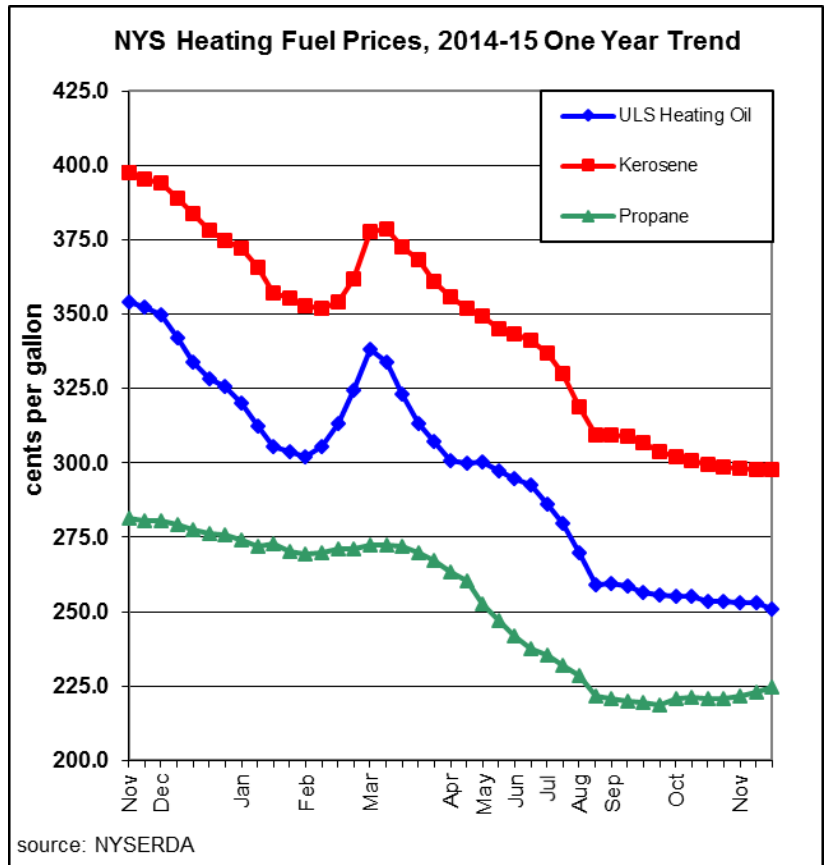
**Highlights**

- U.S. working natural gas in underground storage reached a record high of 4 trillion cubic feet for the week ending November 13. Inventories are 11.2% above last year’s level and 5.5% above the 5-year average.
- Mid-Atlantic ultra-low sulfur diesel stocks increased by 0.5 million barrels (1.6%) since last week and are now 108.3% above last year’s level.
- The New York statewide average retail price for ultra-low sulfur (ULS) heating oil decreased while the average kerosene and propane prices increased since the last survey.

**Retail Petroleum Prices**—On a statewide basis since the last survey on November 9<sup>th</sup>, the average price decreased 2.1¢/gallon (0.8%) to 251.0¢/gallon for ULS heating oil, while prices increased 0.3¢/gallon (0.1%) to 298.0¢/gallon for kerosene, and 2.1¢/gallon (0.9%) to 224.8¢/gallon for propane. Compared to a year earlier, prices decreased 103.3¢/gallon (29.2%) for heating oil, 99.7¢/gallon (25.1%) for kerosene and 56.8¢/gallon (20.2%) for propane.

**Crude Oil Prices**—For the week ending 11/13/15, WTI crude oil spot prices averaged \$42.70/bbl, a decrease of \$3.28/bbl (7.1%) from the week-ago average of \$45.98/bbl. WTI prices are now \$33.80/bbl (44.2%) below the year-ago weekly average of \$76.50/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

**Spot Natural Gas Prices**—For the week ending 11/13/15, Henry Hub natural gas spot prices averaged \$2.072 per million Btu (mmBtu), an increase of \$0.058/mmBtu (2.9%) from the prior week level of \$2.014/mmBtu. Prices are currently \$2.062/mmBtu (49.9%) below the year-earlier weekly average of \$4.134/mmBtu.



**Residential Natural Gas Prices**—The NYS average price in August 2015 was \$1.691/therm, an increase of \$0.023/therm (1.3%) from the prior month of \$1.668/therm, and was \$0.151/therm (8.2%) lower than the year earlier average of \$1.842/therm.

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

Middle Atlantic Region, Weekly Inventories (million barrels)							
Fuel Type	11/13/2015	11/6/2015	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	30.9	30.4	1.6%	14.8	108.3%	10.8	185.3%
Non-road Diesel (15-500 ppm)	1.3	1.4	-9.3%	0.6	111.9%	1.4	-10.5%
High Sulfur Distillate (>500 ppm)	5.1	5.5	-6.2%	5.7	-9.9%	14.6	-64.8%
<b>Total Distillate Oil</b>	<b>37.3</b>	<b>37.3</b>	<b>0.0%</b>	<b>21.1</b>	<b>76.5%</b>	<b>26.8</b>	<b>39.1%</b>
Propane	4.201	4.114	2.1%	3.790	10.8%	2.916	44.1%
#6 Residual Oil	7.9	7.4	7.2%	5.4	45.1%	7.4	6.1%
US Natural Gas	4,000	3,985	0.4%	3,596	11.2%	3,793	5.5%
US Crude Oil	487.3	487.0	0.1%	381.1	27.9%	366.7	32.9%

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

ppm = parts per million sulfur content

Source: US DOE/EIA



New York State Retail ULS #2 Heating Oil Posted Credit Prices (cents per gallon)					
REGION	11/16/2015	11/9/2015	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	266.9	270.2	-1.2%	363.9	-26.7%
New York City	267.4	275.2	-2.8%	362.9	-26.3%
Lower Hudson	254.3	258.0	-1.4%	356.4	-28.6%
Upper Hudson	239.1	239.5	-0.2%	346.5	-31.0%
Capital District	239.5	240.8	-0.5%	346.3	-30.8%
North Country	241.7	241.3	0.2%	346.2	-30.2%
Central	229.9	226.8	1.4%	349.8	-34.3%
Western	253.7	253.8	0.0%	352.1	-27.9%
<b>Statewide</b>	<b>251.0</b>	<b>253.1</b>	<b>-0.8%</b>	<b>354.3</b>	<b>-29.2%</b>
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)					
Long Island	282.4	280.0	0.9%	335.2	-15.8%
Mid-Hudson	225.3	226.9	-0.7%	297.6	-24.3%
Capital District	246.1	235.7	4.4%	315.3	-21.9%
North Country	235.9	232.2	1.6%	288.4	-18.2%
Central	202.1	201.4	0.3%	260.5	-22.4%
Western	205.4	204.9	0.2%	243.6	-15.7%
<b>Statewide</b>	<b>224.8</b>	<b>222.7</b>	<b>0.9%</b>	<b>281.6</b>	<b>-20.2%</b>
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	308.7	311.6	-0.9%	410.4	-24.8%
Capital District	290.0	290.9	-0.3%	390.9	-25.8%
North Country	294.9	294.9	0.0%	389.6	-24.3%
Central	291.4	287.6	1.3%	393.4	-25.9%
Western	295.3	289.7	1.9%	390.0	-24.3%
<b>Statewide</b>	<b>298.0</b>	<b>297.7</b>	<b>0.1%</b>	<b>397.7</b>	<b>-25.1%</b>
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	August 2015	July 2015	% Change vs. Prior Month	August 2014	% Change vs. Last Year
<b>Statewide</b>	<b>1.691</b>	<b>1.668</b>	<b>1.3%</b>	<b>1.842</b>	<b>-8.2%</b>

\* Revision

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

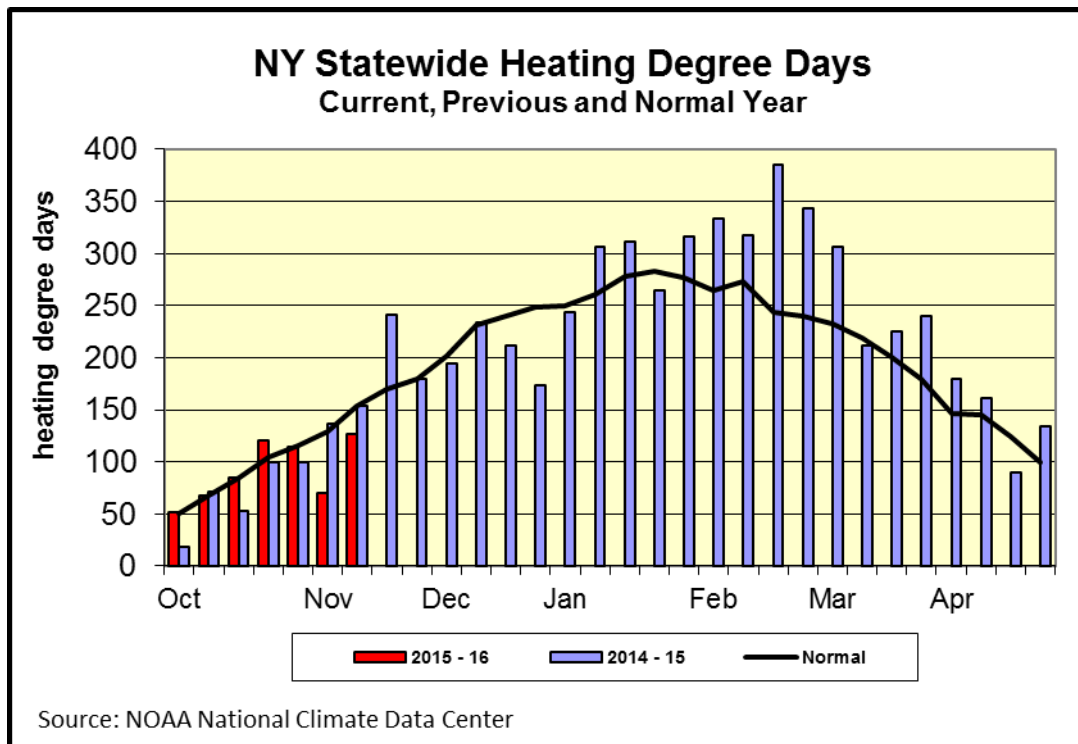
- Heating oil—highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane—highest price 381.1¢/gallon on 2/17/14, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene—highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

**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.ny.gov/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 (127) was 17.5% below the year-ago level of (154) and 17.5% below the normal trend (154). On a cumulative basis since October 1<sup>st</sup>, current year heating degree-days (636) are ahead of the year-ago level (631) by 0.8% but are behind the normal trend (706) by 9.9%.

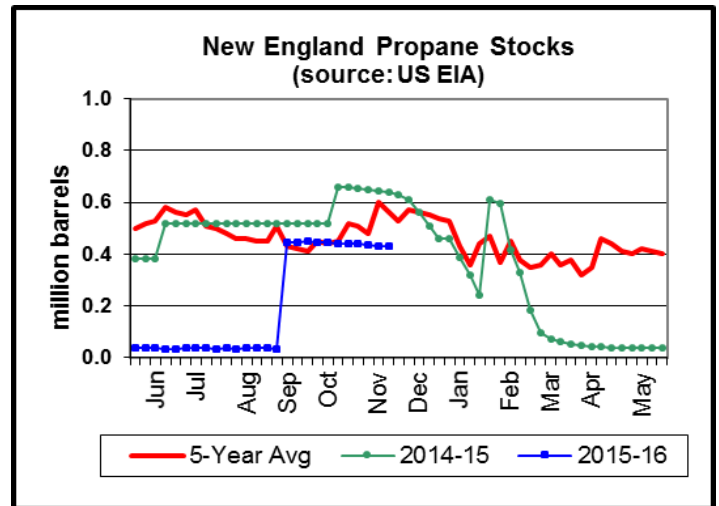
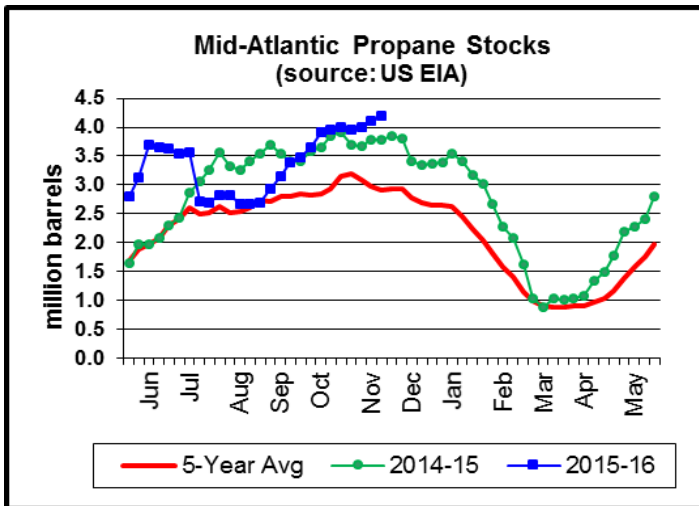
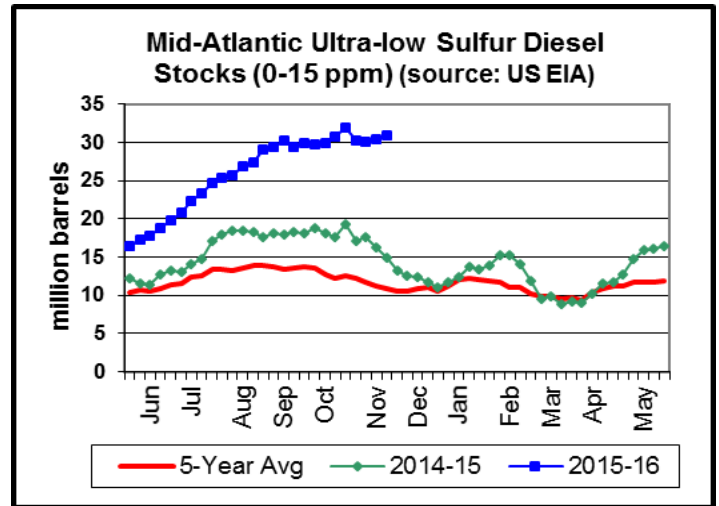
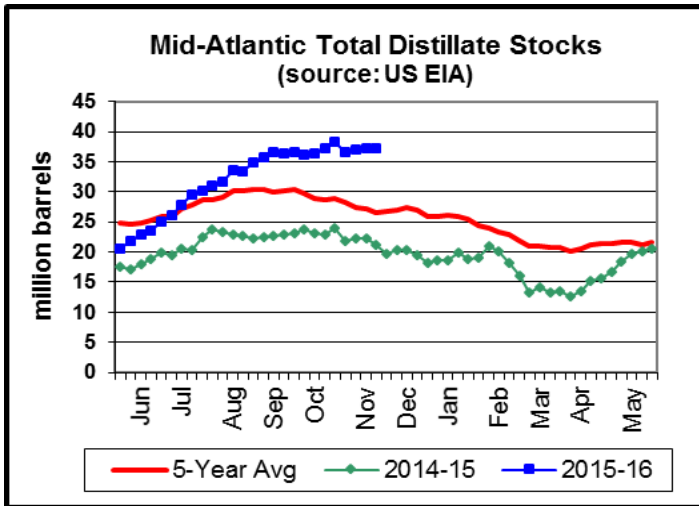
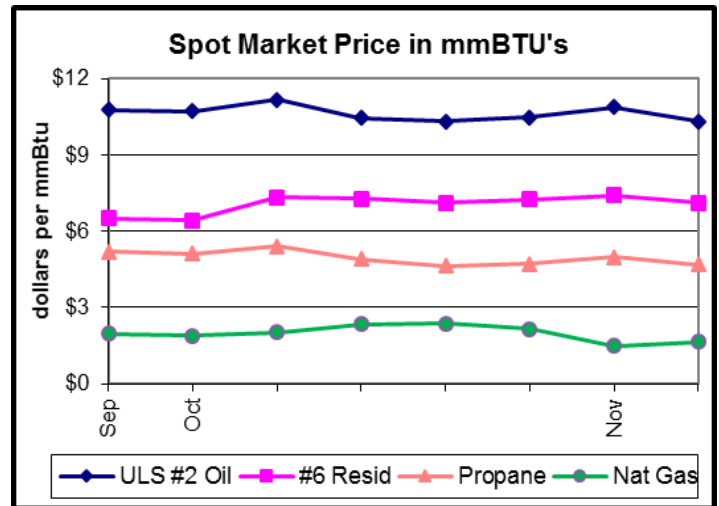
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending November 14			Cumulative From October 1		
	2015	2014	Normal	2015-16	2014-15	Normal
Albany	131	163	162	684	661	804
Binghamton	146	176	177	750	764	894
Buffalo	139	158	161	640	670	781
Glens Falls	148	185	182	799	763	943
Massena	168	180	192	906	785	974
NYC	85	113	112	324	368	471
Rochester	140	154	161	638	652	787
Syracuse	130	145	162	673	593	804
Watertown	152	148	181	815	663	925
<b>Statewide</b>	<b>127</b>	<b>154</b>	<b>154</b>	<b>636</b>	<b>631</b>	<b>706</b>



**Btu Price Equivalents**—The Btu graph equates the spot market price, in table below, for NY Harbor ultra-low sulfur diesel fuel and 0.3% sulfur high 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	11/13/2015	Year Ago	% Change
Ultra LS Diesel	142.8	245.4	-41.8%
#2 Fuel Oil	134.0	228.9	-41.4%
#6 Residual 0.3%	106.4	195.6	-45.6%
Propane	42.9	82.7	-48.1%
Natural Gas	1.643	3.656	-55.1%

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 [Charles.Wesley@nyscrda.ny.gov](mailto:Charles.Wesley@nyscrda.ny.gov).