

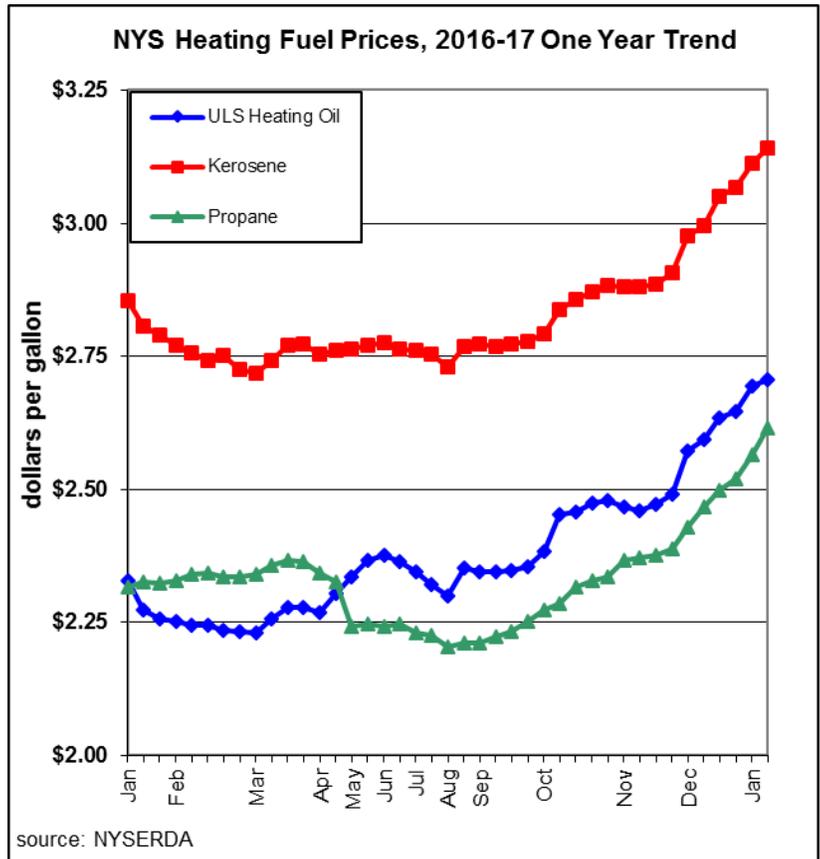
**Highlights**

- Mid-Atlantic ultra-low sulfur distillate inventories increased by 0.7 million barrels (2.1%) to 35.7 million barrels and are now 11.4% above the year-ago level.
- Mid-Atlantic propane inventories increased by 14.4% since last week but remain 5.3% lower than the year-ago level.
- For the eighth week in a row, New York statewide average retail prices for ultra-low sulfur (ULS) heating oil, kerosene, and propane all increased since the last survey.

**Retail Petroleum Prices**—On a statewide basis since the last survey on January 2<sup>nd</sup>, prices increased \$0.014/gallon (0.5%) to \$2.707/gallon for ULS heating oil, \$0.028/gallon (0.9%) to \$3.141/gallon for kerosene, and \$0.051/gallon (2.0%) to \$2.615/gallon for propane. Compared to a year earlier, prices increased \$0.379/gallon (16.3%) for heating oil, \$0.287/gallon (10.1%) for kerosene and \$0.300/gallon (13.0%) for propane.

**Crude Oil Prices**—For the week ending 1/6/17, WTI crude oil spot prices averaged \$53.34/bbl, a decrease of \$0.26/bbl (0.5%) from the week-ago average of \$53.60/bbl. WTI prices are now \$18.69/bbl (53.9%) above the year-ago weekly average of \$34.65/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

**Spot Natural Gas Prices**—For the week ending 1/6/17, Henry Hub natural gas spot prices averaged \$3.350 per million Btu (mmBtu), a decrease of \$0.310/mmBtu (8.5%) from the prior week level of \$3.660/mmBtu. Prices are currently \$0.972/mmBtu (40.9%) above the year-earlier weekly average of \$2.378/mmBtu.



**Residential Natural Gas Prices**—The NYS average price in October 2016 was \$1.437/therm, a decrease of \$0.241/therm (14.4%) from the prior month of \$1.678/therm, and was \$0.057/therm (4.1%) higher than the year earlier average of \$1.380/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	1/6/2017	12/30/2016	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	35.7	35.0	2.1%	32.0	11.4%	16.6	114.8%
Non-road Diesel (15-500 ppm)	1.8	1.9	-7.3%	1.9	-6.0%	1.1	68.4%
High Sulfur Distillate (>500 ppm)	3.8	4.2	-10.5%	5.2	-26.7%	9.0	-57.9%
<b>Total Distillate Oil</b>	<b>41.2</b>	<b>41.1</b>	<b>0.3%</b>	<b>39.1</b>	<b>5.5%</b>	<b>26.7</b>	<b>54.6%</b>
Propane	4.035	3.528	14.4%	4.261	-5.3%	3.011	34.0%
#6 Residual Oil	7.4	7.1	4.5%	8.3	-10.7%	6.7	11.1%
US Natural Gas	3,160	3,311	-4.6%	3,523	-10.3%	3,164	-0.1%
US Crude Oil	483.1	479.0	0.9%	451.2	7.1%	352.5	37.1%

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 (dollars per gallon)					
REGION	1/9/2017	1/2/2017	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island*	2.850	2.835	0.5%	2.460	15.9%
New York City	2.800	2.798	0.1%	2.431	15.2%
Lower Hudson	2.789	2.790	0.0%	2.288	21.9%
Upper Hudson	2.605	2.591	0.5%	2.278	14.4%
Capital District	2.568	2.538	1.2%	2.193	17.1%
North Country	2.593	2.563	1.2%	2.263	14.6%
Central	2.528	2.506	0.9%	2.136	18.4%
Western	2.815	2.796	0.7%	2.482	13.4%
<b>Statewide*</b>	<b>2.707</b>	<b>2.693</b>	<b>0.5%</b>	<b>2.328</b>	<b>16.3%</b>
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.028	3.028	0.0%	2.807	7.9%
Mid-Hudson	2.482	2.452	1.2%	2.258	9.9%
Capital District	2.903	2.851	1.8%	2.444	18.8%
North Country	3.158	3.044	3.7%	2.557	23.5%
Central	2.354	2.326	1.2%	2.164	8.8%
Western	2.316	2.242	3.3%	2.095	10.5%
<b>Statewide</b>	<b>2.615</b>	<b>2.564</b>	<b>2.0%</b>	<b>2.315</b>	<b>13.0%</b>
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.217	3.205	0.4%	2.957	8.8%
Capital District	3.065	3.033	1.1%	2.741	11.8%
North Country	3.174	3.132	1.3%	2.876	10.4%
Central	3.014	2.992	0.7%	2.716	11.0%
Western	3.182	3.133	1.6%	2.909	9.4%
<b>Statewide</b>	<b>3.141</b>	<b>3.113</b>	<b>0.9%</b>	<b>2.854</b>	<b>10.1%</b>
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	October 2016	September 2016	% Change vs. Prior Month	October 2015	% Change vs. Last Year
<b>Statewide</b>	<b>1.437</b>	<b>1.678</b>	<b>-14.4%</b>	<b>1.380</b>	<b>4.1%</b>

\* Revision

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

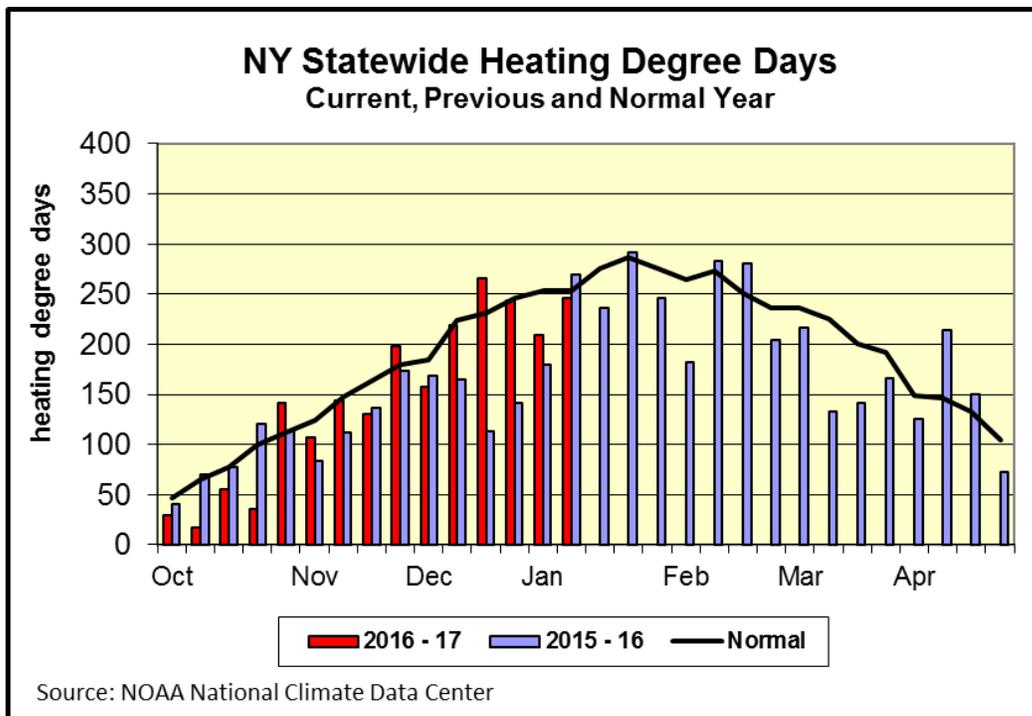
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

**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>.

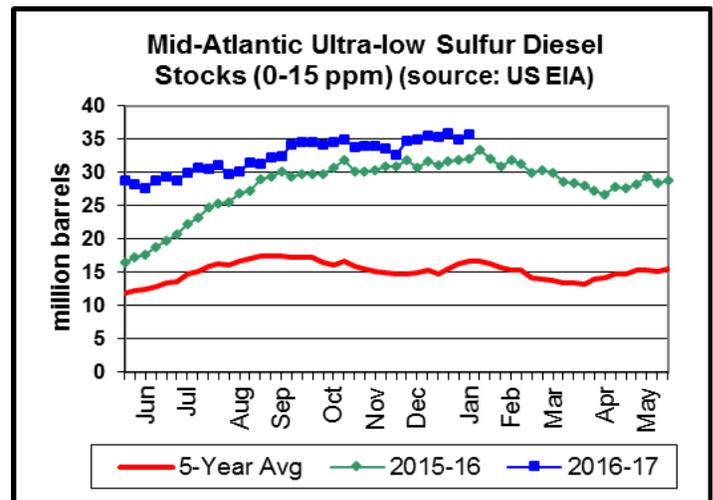
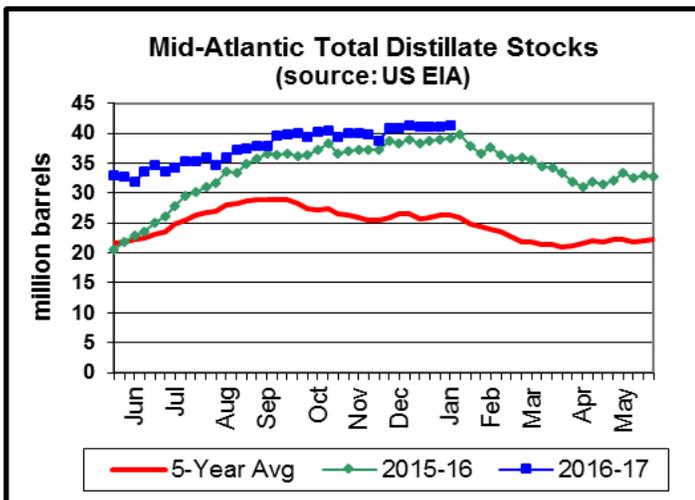
**New York State Regions:** *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (246) was 8.9% below the year-ago level of (270) and 3.1% below the normal trend (254). On a cumulative basis since October 1<sup>st</sup>, current year heating degree-days (2,196) are ahead of the year-ago level (1,965) by 11.8% and behind the normal trend (2,406) by 8.7%.

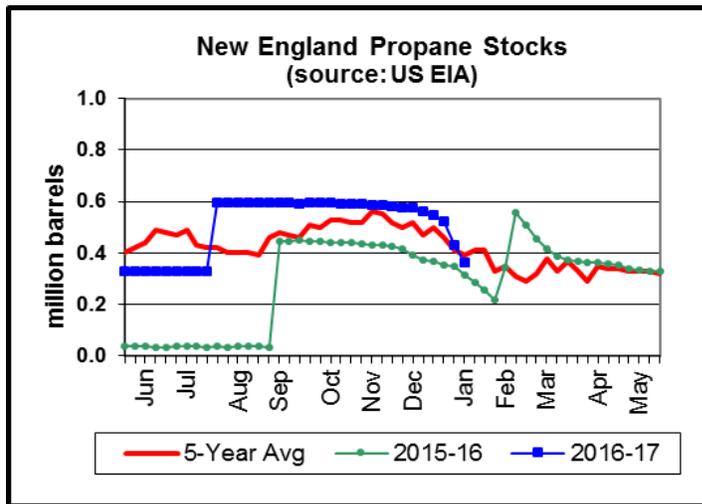
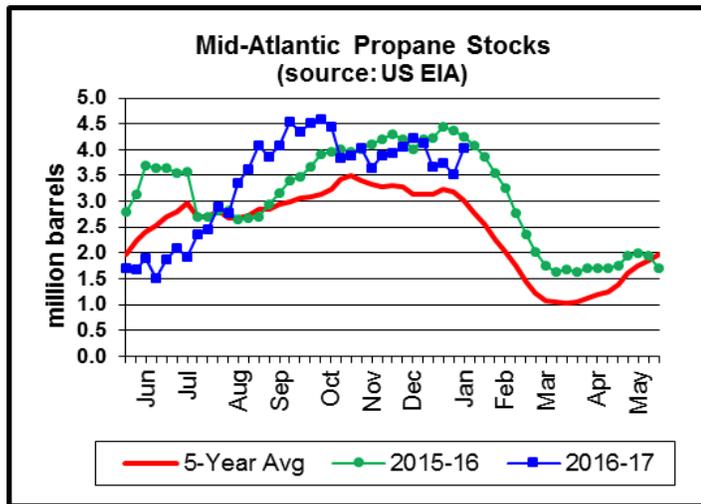
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending January 07			Cumulative From October 1		
	2016	2015	Normal	2016-17	2015-16	Normal
Albany	269	279	277	2,463	2,064	2,612
Binghamton	287	303	293	2,748	2,233	2,841
Buffalo	276	279	276	2,255	1,985	2,585
Glens Falls	275	283	319	2,639	2,354	3,002
Massena	300	316	343	2,814	2,589	3,200
NYC	194	211	220	1,502	1,218	1,849
Rochester	272	276	277	2,259	1,979	2,603
Syracuse	280	290	284	2,504	2,077	2,656
Watertown	284	306	314	2,604	2,340	2,977
<b>Statewide</b>	<b>246</b>	<b>270</b>	<b>254</b>	<b>2,196</b>	<b>1,965</b>	<b>2,406</b>



**Distillate Stocks**—Current and historic heating fuel inventory data is presented in the graphs below.

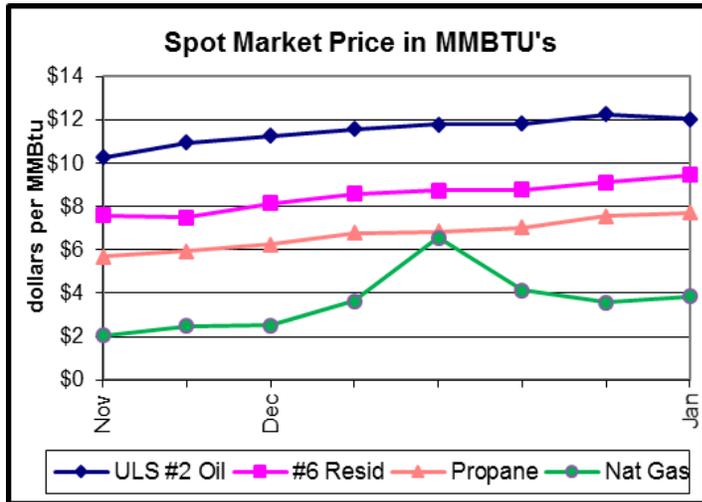
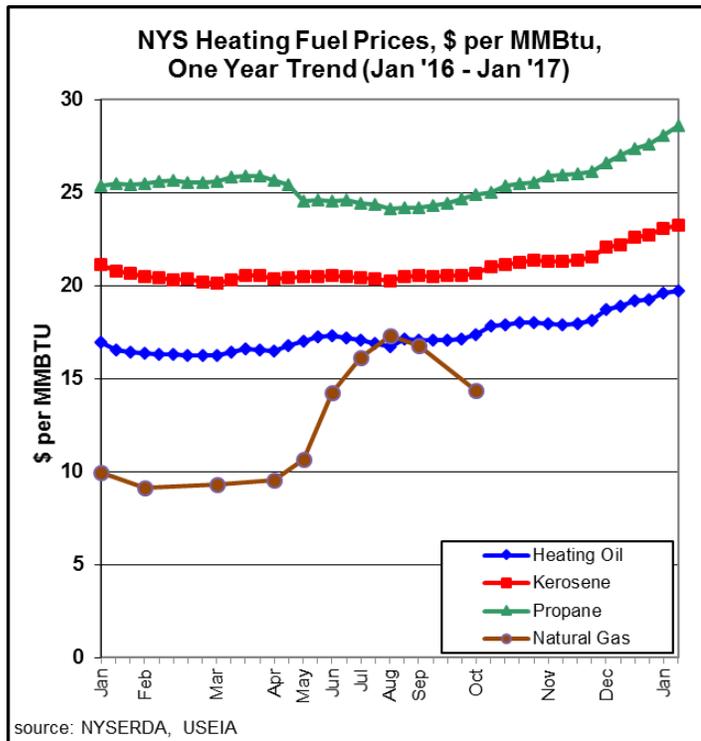


**Propane Stocks**—Current and historic heating fuel inventory data is presented in the graphs below.



**Retail Btu Price Equivalents**—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.

**Spot Btu Price Equivalents**—The Btu spot market 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	1/6/2017	Year Ago	% Change
Ultra LS Diesel	1.669	1.056	58.1%
#2 Fuel Oil	1.599	1.015	57.6%
#6 Residual 0.3%	1.413	0.746	89.5%
Propane	0.704	0.357	97.4%
Natural Gas	3.859	3.629	6.3%

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

Note: Natural gas prices are from the U.S. EIA and provided on a monthly basis and delayed by 3 months.

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@nyserda.ny.gov](mailto:Charles.Wesley@nyserda.ny.gov).