

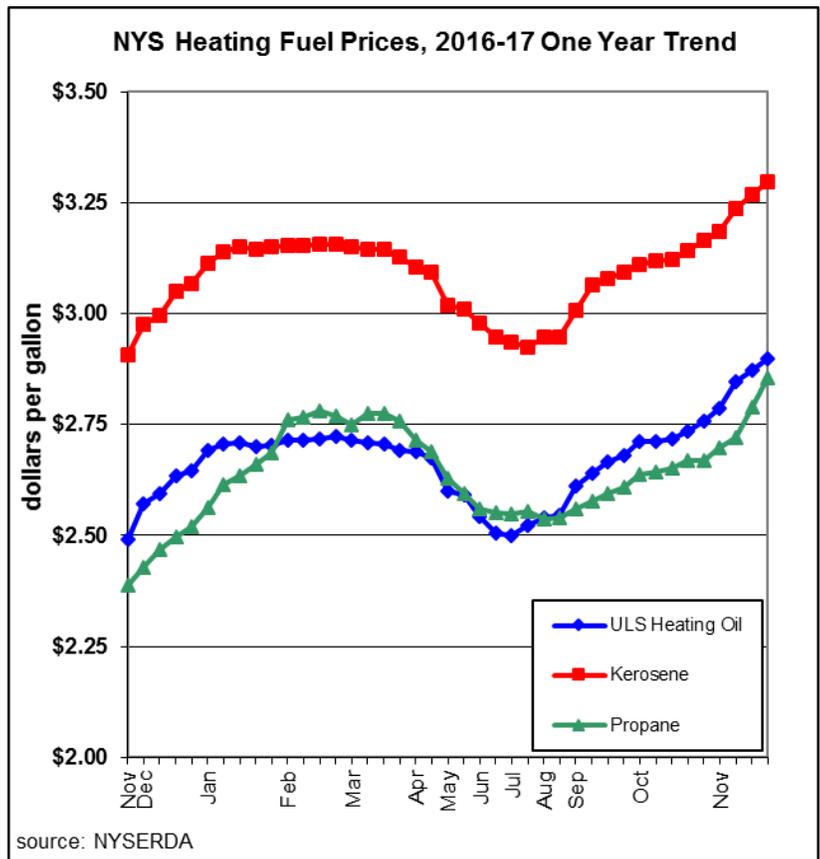
**Highlights**

- Mid-Atlantic propane inventories for the current week increased by 0.3 million barrels (7.2%) since last week and are now 22.4% above last year’s level and 44.2% above the 5-year average.
- Mid-Atlantic ultra-low sulfur (ULS) distillate stocks for the current week increased by 0.4 million barrels (1.4%) since last week and are now 26.5% below last year’s level but 29.2% above the 5-year average.
- New York statewide average retail prices of 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 November 20<sup>th</sup>, prices increased \$0.024/gallon (0.8%) to \$2.898/gallon for ULS heating oil, \$0.028/gallon (0.9%) to \$3.297/gallon for kerosene, and \$0.066/gallon (2.4%) to \$2.856/gallon for propane. Compared to a year earlier, prices increased \$0.408/gallon (16.4%) for heating oil, \$0.390/gallon (13.4%) for kerosene and \$0.469/gallon (19.6%) for propane.

**Crude Oil Prices**—For the week ending 11/24/17, WTI crude oil spot prices averaged \$57.47/bbl, an increase of \$1.66/bbl (3.0%) from the week-ago average of \$55.81/bbl. WTI prices are now \$10.22/bbl (21.6%) above the year-ago weekly average of \$47.25/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

**Spot Natural Gas Prices**—For the week ending 11/24/17, Henry Hub natural gas spot prices averaged \$2.995 per million Btu (mmBtu), a decrease of \$0.093/mmBtu (3.0%) from the prior week level of \$3.088/mmBtu. Prices are currently \$0.195/mmBtu (7.0%) above the year-earlier weekly average of \$2.800/mmBtu.



**Residential Natural Gas Prices**—The NYS average price in August 2017 was \$1.831/therm, a decrease of \$0.009/therm (0.5%) from the prior month of \$1.840/therm, and was \$0.103/therm (5.9%) higher than the year earlier average of \$1.728/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	11/24/2017	11/17/2017	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	25.6	25.2	1.4%	34.8	-26.5%	19.8	29.2%
Non-road Diesel (15-500 ppm)	1.0	1.1	-1.9%	1.9	-45.1%	1.1	-8.1%
High Sulfur Distillate (>500 ppm)	2.9	2.9	1.9%	4.3	-31.1%	6.5	-55.0%
<b>Total Distillate Oil</b>	<b>29.6</b>	<b>29.2</b>	<b>1.4%</b>	<b>41.0</b>	<b>-27.8%</b>	<b>27.5</b>	<b>7.7%</b>
Propane	4.959	4.626	7.2%	4.050	22.4%	3.439	44.2%
#6 Residual Oil	5.0	5.3	-4.7%	7.9	-36.5%	6.6	-24.0%
US Natural Gas	3,693	3,726	-0.9%	4,002	-7.7%	3,800	-2.8%
US Crude Oil	453.7	457.1	-0.8%	488.1	-7.1%	398.7	13.8%

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	11/27/2017	11/20/2017	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	3.053	3.046	0.2%	2.647	15.3%
New York City	2.962	2.963	0.0%	2.579	14.9%
Lower Hudson	2.991	2.971	0.7%	2.576	16.1%
Upper Hudson*	2.800	2.782	0.6%	2.408	16.3%
Capital District	2.715	2.687	1.0%	2.309	17.6%
North Country	2.785	2.739	1.7%	2.374	17.3%
Central	2.736	2.678	2.2%	2.350	16.4%
Western	3.035	2.984	1.7%	2.521	20.4%
<b>Statewide*</b>	<b>2.898</b>	<b>2.874</b>	<b>0.8%</b>	<b>2.490</b>	<b>16.4%</b>
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.260	3.260	0.0%	2.893	12.7%
Mid-Hudson	2.715	2.682	1.2%	2.324	16.8%
Capital District	2.986	2.859	4.4%	2.589	15.3%
North Country	3.527	3.414	3.3%	2.788	26.5%
Central	2.621	2.549	2.8%	2.142	22.4%
Western	2.519	2.472	1.9%	2.117	19.0%
<b>Statewide</b>	<b>2.856</b>	<b>2.790</b>	<b>2.4%</b>	<b>2.387</b>	<b>19.6%</b>
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson*	3.356	3.350	0.2%	3.008	11.6%
Capital District	3.173	3.148	0.8%	2.809	13.0%
North Country	3.312	3.274	1.2%	2.946	12.4%
Central	3.200	3.153	1.5%	2.820	13.5%
Western	3.433	3.383	1.5%	2.852	20.4%
<b>Statewide*</b>	<b>3.297</b>	<b>3.269</b>	<b>0.9%</b>	<b>2.907</b>	<b>13.4%</b>
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	August 2017	July 2017	% Change vs. Prior Month	August 2016	% Change vs. Last Year
<b>Statewide</b>	<b>1.831</b>	<b>1.840</b>	<b>-0.5%</b>	<b>1.728</b>	<b>5.9%</b>

\* Revision

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

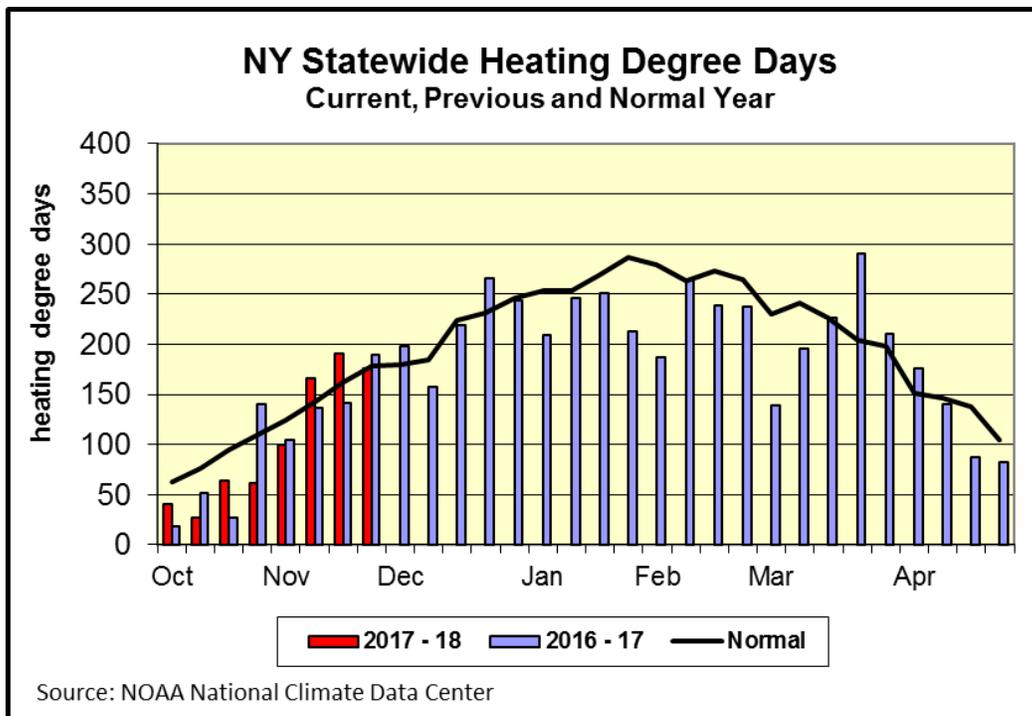
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

**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>.

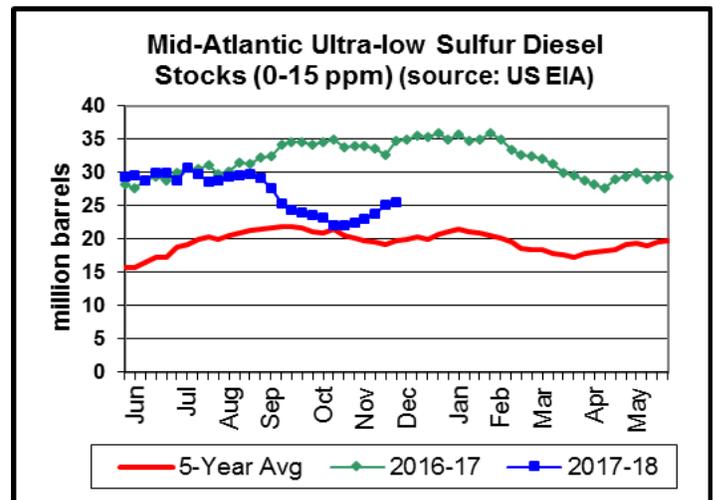
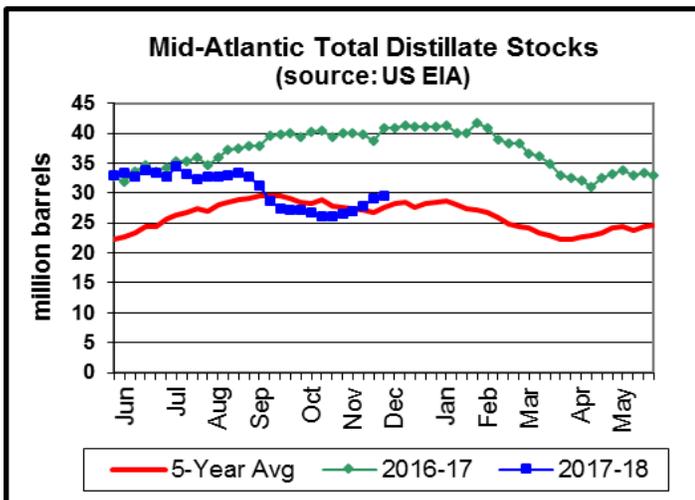
**New York State Regions:** *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (176) was 7.4% below the year-ago level of (190) and 1.1% below the normal trend (178). On a cumulative basis since October 1<sup>st</sup>, current year heating degree-days (825) are ahead of the year-ago level (808) by 2.1% and behind the normal trend (950) by 13.2%.

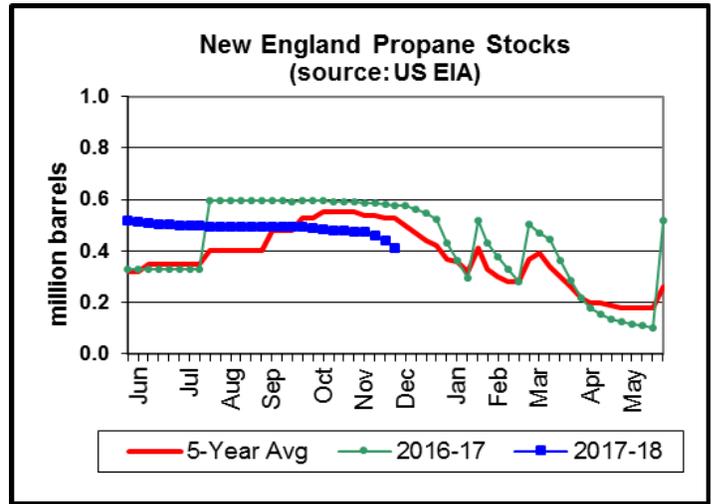
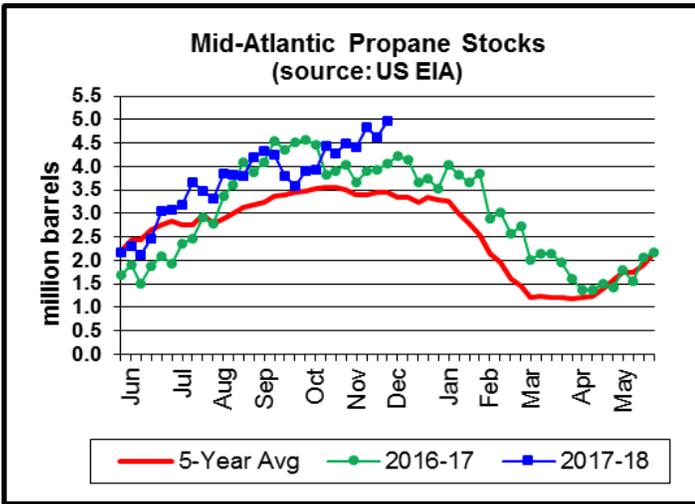
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending November 25			Cumulative From October 1		
	2017	2016	Normal	2017-18	2016-17	Normal
Albany	176	184	188	863	929	1,059
Binghamton	193	204	206	1,019	1,075	1,168
Buffalo	179	170	188	892	787	1,034
Glens Falls	205	166	210	1,058	989	1,221
Massena	219	208	226	1,050	1,059	1,273
NYC	131	123	137	497	462	665
Rochester	169	170	189	851	799	1,042
Syracuse	184	183	190	923	940	1,060
Watertown	185	174	210	991	992	1,202
<b>Statewide</b>	<b>176</b>	<b>190</b>	<b>178</b>	<b>825</b>	<b>808</b>	<b>950</b>



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

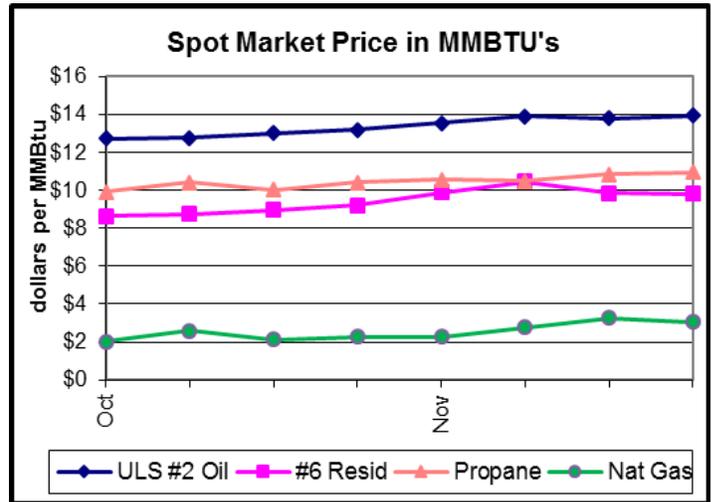
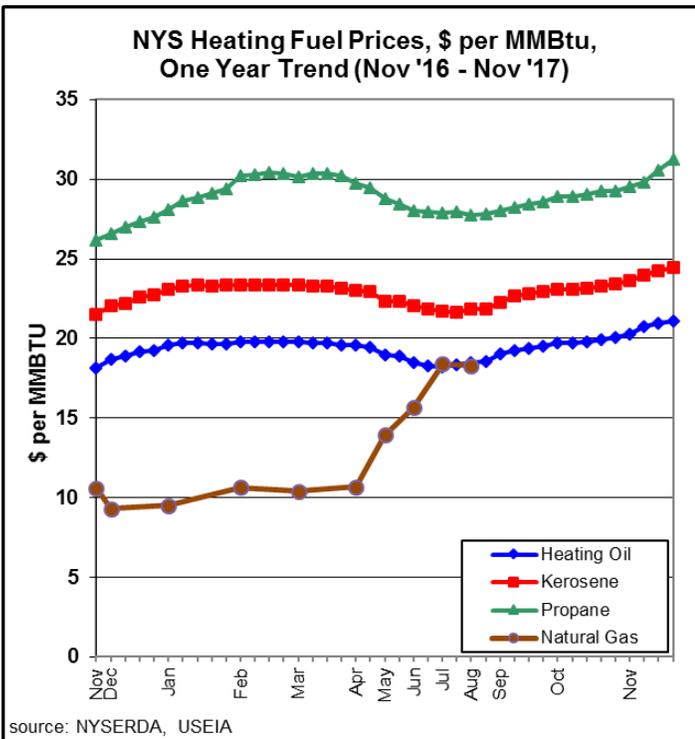


**Propane Stocks**—Current and historic heating fuel inventory data is presented in the graphs below.



**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	11/24/2017	Year Ago	% Change
Ultra LS Diesel	1.933	1.518	27.4%
#2 Fuel Oil	1.844	1.445	27.6%
#6 Residual 0.3%	1.468	1.121	30.9%
Propane	1.000	0.543	84.2%
Natural Gas	3.051	2.486	22.7%

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