

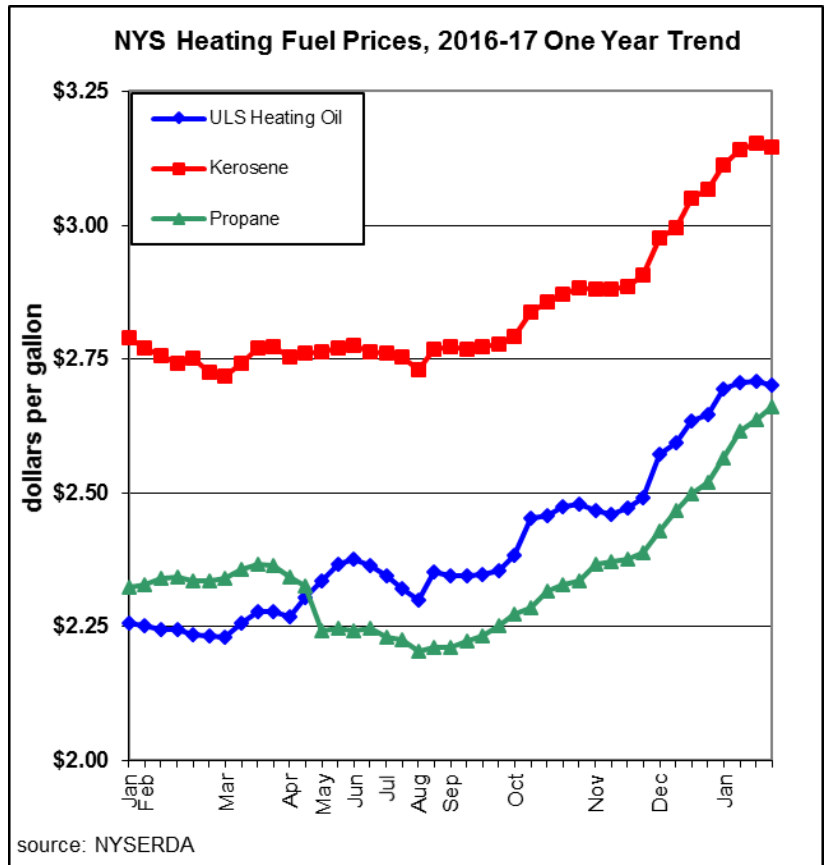
Highlights

- New York statewide heating degree-days for the current week were 22.5% below last year’s level and 25.8% below the 30-year normal. Cumulative heating degree-days since October 1st (2,660) are behind the 30-year normal (2,963) by 10.2%.
- Mid-Atlantic distillate inventories increased by 0.7% since last week and are now 9.4% higher than last year.
- New York statewide average retail prices for ultra-low sulfur (ULS) heating oil and kerosene decreased while the average retail price for propane increased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on January 16th, prices decreased \$0.007/gallon (0.3%) to \$2.702/gallon for ULS heating oil and \$0.007/gallon (0.2%) to \$3.145/gallon for kerosene while the price increased \$0.025/gallon (0.9%) to \$2.661/gallon for propane. Compared to a year earlier, prices increased \$0.446/gallon (19.8%) for heating oil, \$0.356/gallon (12.8%) for kerosene and \$0.338/gallon (14.6%) for propane.

Crude Oil Prices—For the week ending 1/20/17, WTI crude oil spot prices averaged \$51.82/bbl, a decrease of \$0.25/bbl (0.5%) from the week-ago average of \$52.07/bbl. WTI prices are now \$22.63/bbl (77.5%) above the year-ago weekly average of \$29.19/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 1/20/17, Henry Hub natural gas spot prices averaged \$3.245 per million Btu (mmBtu), a decrease of \$0.015/mmBtu (0.5%) from the prior week level of \$3.260/mmBtu. Prices are currently \$1.045/mmBtu (47.5%) above the year-earlier weekly average of \$2.200/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	1/20/2017	1/13/2017	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	35.1	34.8	0.7%	32.0	9.4%	16.4	113.2%
Non-road Diesel (15-500 ppm)	1.5	1.7	-9.9%	1.1	35.2%	1.0	54.4%
High Sulfur Distillate (>500 ppm)	3.4	3.4	0.6%	4.6	-25.6%	8.1	-57.7%
Total Distillate Oil	40.1	40.0	0.2%	37.8	5.9%	25.6	56.6%
Propane	3.661	3.828	-4.4%	3.866	-5.3%	2.564	42.8%
#6 Residual Oil	7.4	7.3	2.0%	8.8	-15.1%	6.4	16.6%
US Natural Gas	2,798	2,917	-4.1%	3,146	-11.1%	2,818	-0.7%
US Crude Oil	488.3	485.5	0.6%	463.6	5.3%	363.5	34.3%

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	1/23/2017	1/16/2017	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	2.831	2.836	-0.2%	2.382	18.8%
New York City	2.790	2.795	-0.2%	2.369	17.8%
Lower Hudson	2.789	2.795	-0.2%	2.192	27.2%
Upper Hudson	2.615	2.620	-0.2%	2.234	17.1%
Capital District	2.568	2.568	0.0%	2.144	19.8%
North Country	2.595	2.593	0.1%	2.162	20.0%
Central	2.506	2.531	-1.0%	2.050	22.2%
Western	2.820	2.828	-0.3%	2.416	16.7%
Statewide	2.702	2.709	-0.3%	2.256	19.8%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.054	3.035	0.6%	2.795	9.3%
Mid-Hudson	2.514	2.502	0.5%	2.231	12.7%
Capital District	2.929	2.899	1.0%	2.516	16.4%
North Country	3.283	3.193	2.8%	2.573	27.6%
Central	2.415	2.398	0.7%	2.156	12.0%
Western	2.322	2.322	0.0%	2.116	9.7%
Statewide	2.661	2.636	0.9%	2.323	14.6%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.218	3.234	-0.5%	2.933	9.7%
Capital District	3.065	3.065	0.0%	2.677	14.5%
North Country	3.189	3.189	0.0%	2.804	13.7%
Central	3.011	3.021	-0.3%	2.625	14.7%
Western	3.197	3.199	-0.1%	2.783	14.9%
Statewide	3.145	3.152	-0.2%	2.789	12.8%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	October 2016	September 2016	% Change vs. Prior Month	October 2015	% Change vs. Last Year
Statewide	1.437	1.678	-14.4%	1.380	4.1%

* Revision

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

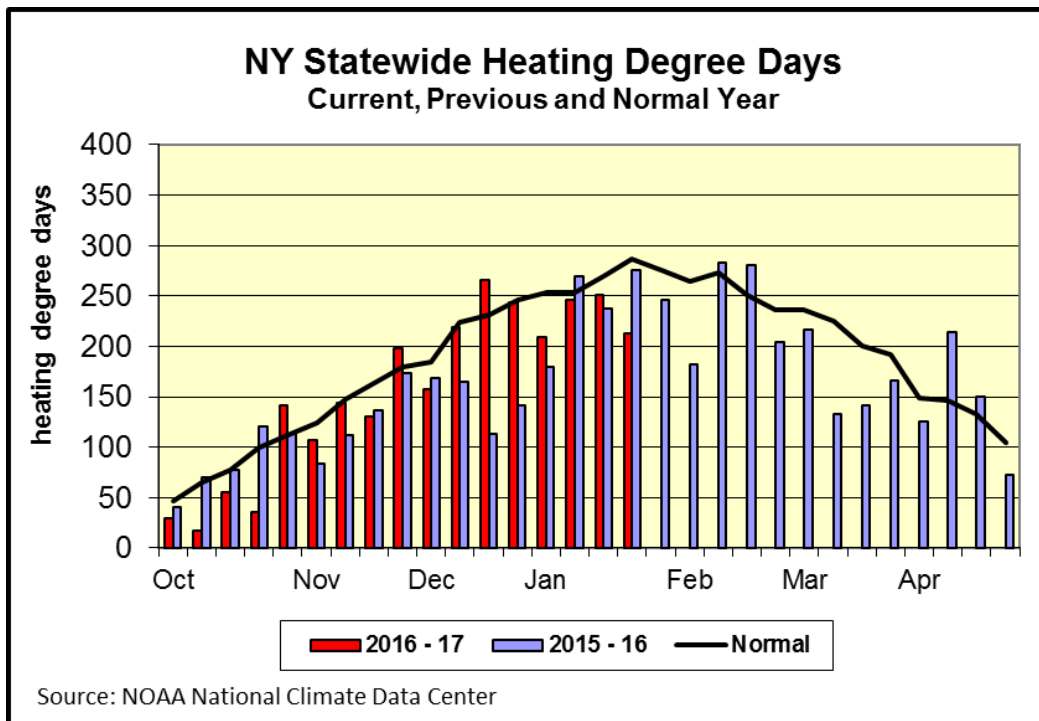
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

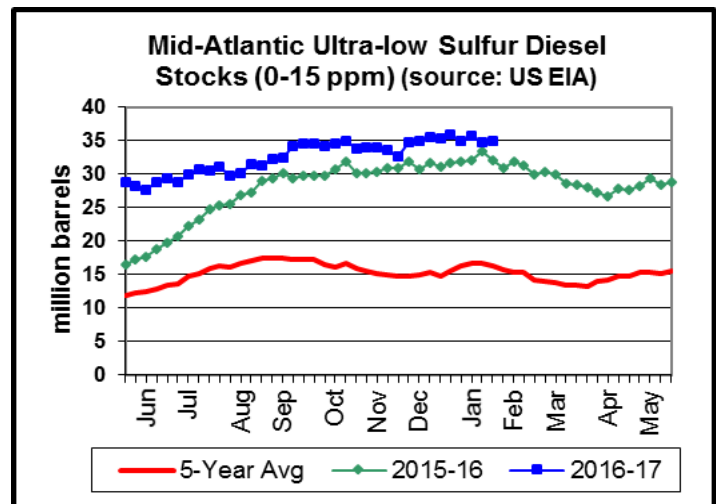
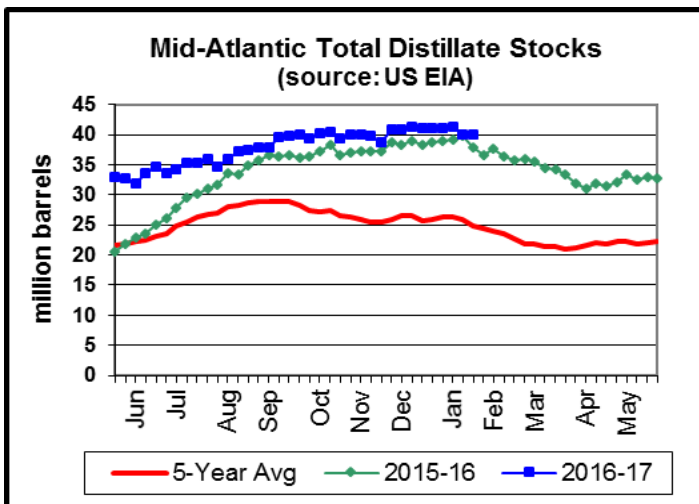
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (213) was 22.5% below the year-ago level of (275) and 25.8% below the normal trend (287). On a cumulative basis since October 1st, current year heating degree-days (2,660) are ahead of the year-ago level (2,477) by 7.4% and behind the normal trend (2,963) by 10.2%.

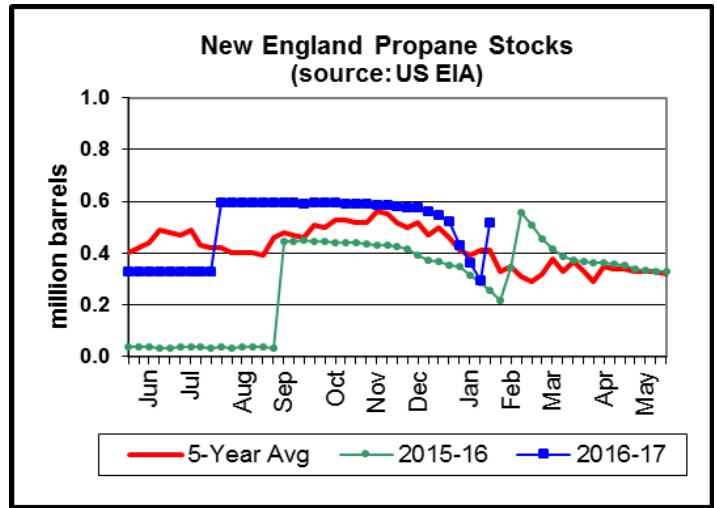
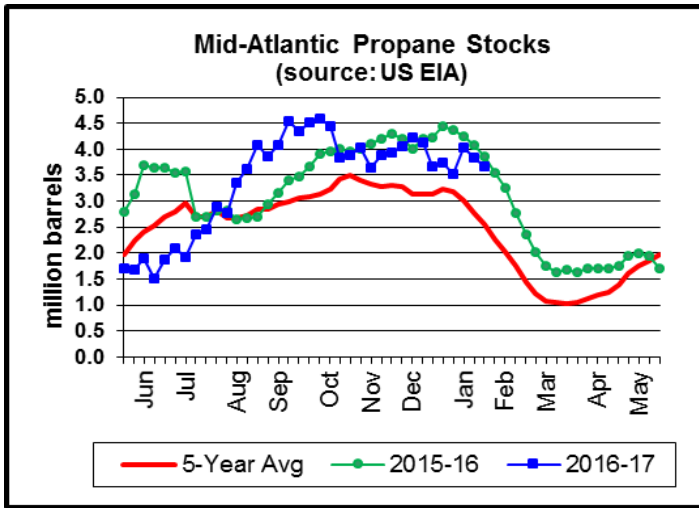
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending January 21			Cumulative From October 1		
	2017	2016	Normal	2016-17	2015-16	Normal
Albany	219	269	287	2,928	2,580	3,182
Binghamton	229	299	301	3,265	2,810	3,442
Buffalo	199	288	287	2,702	2,535	3,155
Glens Falls	234	286	331	3,144	2,916	3,661
Massena	245	355	357	3,352	3,245	3,907
NYC	161	209	231	1,852	1,616	2,307
Rochester	194	282	287	2,702	2,517	3,173
Syracuse	214	288	294	2,988	2,622	3,242
Watertown	227	332	327	3,131	2,933	3,626
Statewide	213	275	287	2,660	2,477	2,963



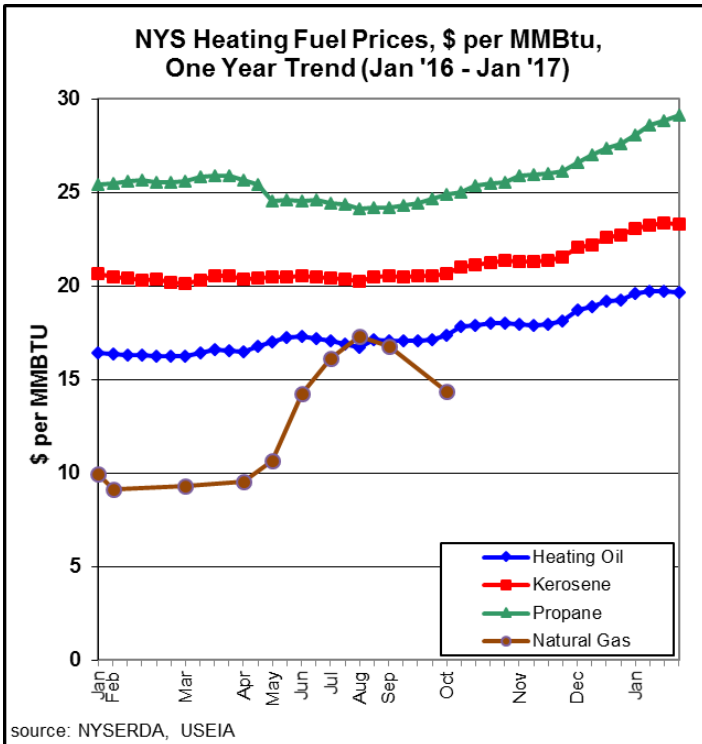
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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

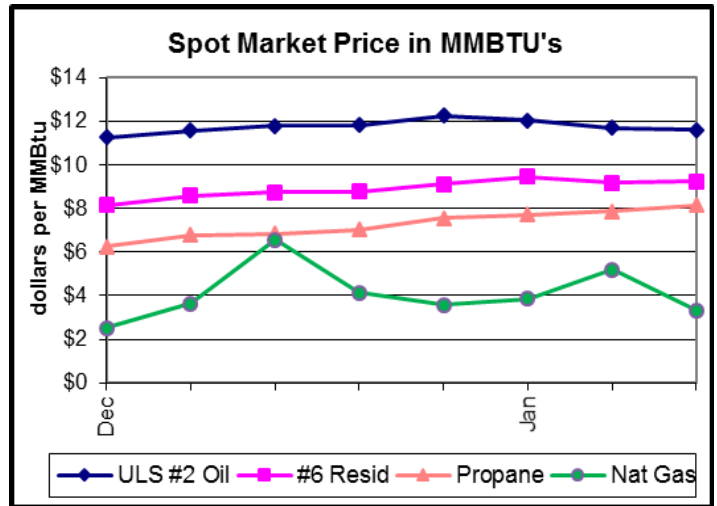


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



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

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	1/20/2017	Year Ago	% Change
Ultra LS Diesel	1.606	0.908	76.9%
#2 Fuel Oil	1.534	0.869	76.5%
#6 Residual 0.3%	1.382	0.647	113.5%
Propane	0.743	0.316	135.0%
Natural Gas	3.326	5.343	-37.8%

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@nyserda.ny.gov.