

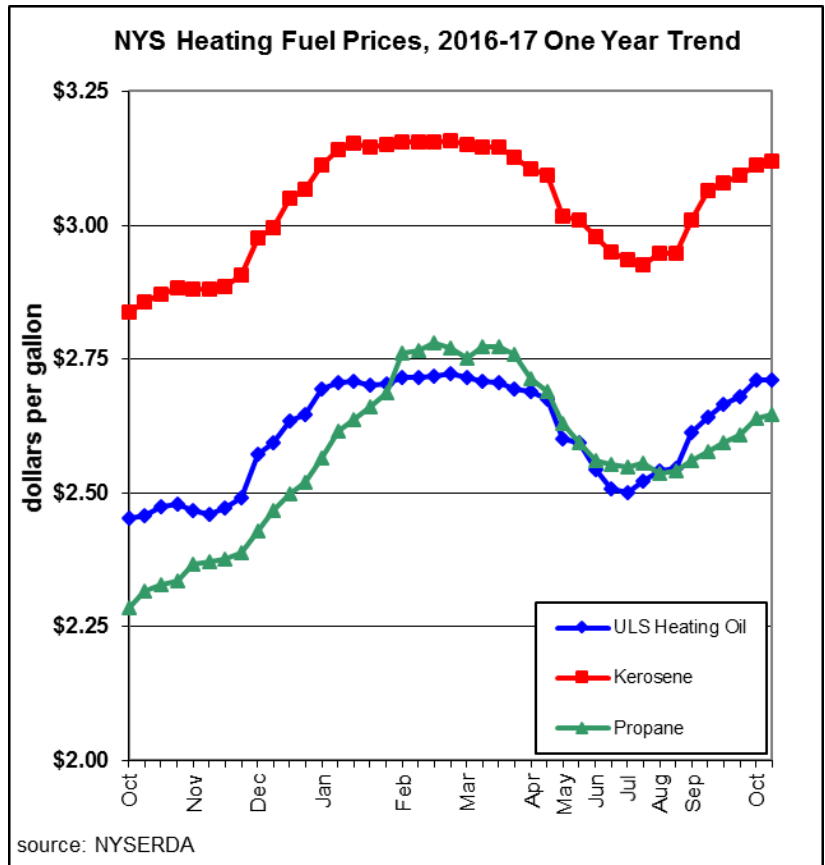
Highlights

- Mid-Atlantic ultra-low sulfur (ULS) distillate stocks for the current week decreased by 0.4 million barrels (1.8%) since last week to 23.2 million barrels. Inventories are now 11.4 million barrels (33.1%) below the year-ago level of 34.6 million barrels. Over the past seven weeks, Mid-Atlantic ULS distillate inventories have declined by 6.6 million barrels (22.3%).
- The New York statewide average retail price of ultra-low sulfur (ULS) heating oil remained the same while the average retail prices for kerosene and propane increased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on October 2nd, prices remained the same at \$2.711/gallon for ULS heating oil, while prices increased \$0.007/gallon (0.2%) to \$3.119/gallon for kerosene, and \$0.007/gallon (0.3%) to \$2.646/gallon for propane. Compared to a year earlier, prices increased \$0.258/gallon (10.5%) for heating oil, \$0.282/gallon (9.9%) for kerosene and \$0.362/gallon (15.8%) for propane.

Crude Oil Prices—For the week ending 10/6/17, WTI crude oil spot prices averaged \$50.23/bbl, a decrease of \$1.54/bbl (3.0%) from the week-ago average of \$51.77/bbl. WTI prices are now \$0.75/bbl (1.5%) above the year-ago weekly average of \$49.48/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 10/6/17, Henry Hub natural gas spot prices averaged \$2.834 per million Btu (mmBtu), a decrease of \$0.106/mmBtu (3.6%) from the prior week level of \$2.940/mmBtu. Prices are currently \$0.052/mmBtu (1.8%) below the year-earlier weekly average of \$2.886/mmBtu.



Residential Natural Gas Prices—The NYS average price in July 2017 was \$1.840/therm, an increase of \$0.276/therm (17.6%) from the prior month of \$1.564/therm, and was \$0.229/therm (14.2%) higher than the year earlier average of \$1.611/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	10/6/2017	9/29/2017	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	23.2	23.6	-1.8%	34.6	-33.1%	21.4	8.2%
Non-road Diesel (15-500 ppm)	0.8	1.0	-16.1%	2.5	-66.6%	1.2	-29.6%
High Sulfur Distillate (>500 ppm)	2.8	2.5	12.6%	3.2	-12.0%	6.1	-54.0%
Total Distillate Oil	26.8	27.1	-1.0%	40.3	-33.5%	28.7	-6.6%
Propane	3,916	3,910	0.2%	4,455	-12.1%	3,535	10.8%
#6 Residual Oil	5.4	5.7	-5.6%	7.7	-30.6%	6.2	-13.0%
US Natural Gas	3,595	3,508	2.5%	3,748	-4.1%	3,603	-0.2%
US Crude Oil	462.2	465.0	-0.6%	474.0	-2.5%	387.6	19.3%

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	10/9/2017	10/2/2017	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	2.905	2.920	-0.5%	2.641	10.0%
New York City	2.857	2.851	0.2%	2.603	9.8%
Lower Hudson	2.811	2.824	-0.5%	2.562	9.7%
Upper Hudson	2.619	2.616	0.1%	2.355	11.2%
Capital District	2.552	2.538	0.6%	2.289	11.5%
North Country	2.518	2.510	0.3%	2.285	10.2%
Central*	2.517	2.512	0.2%	2.274	10.7%
Western	2.691	2.679	0.4%	2.379	13.1%
Statewide*	2.711	2.711	0.0%	2.453	10.5%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.160	3.160	0.0%	2.813	12.3%
Mid-Hudson	2.611	2.594	0.7%	2.268	15.1%
Capital District*	2.718	2.708	0.4%	2.396	13.4%
North Country*	3.259	3.255	0.1%	2.742	18.9%
Central	2.360	2.350	0.4%	1.995	18.3%
Western	2.295	2.298	-0.1%	2.027	13.2%
Statewide*	2.646	2.639	0.3%	2.284	15.8%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson*	3.248	3.230	0.6%	2.943	10.4%
Capital District	3.023	3.015	0.3%	2.770	9.1%
North Country	3.125	3.109	0.5%	2.869	8.9%
Central*	3.000	3.034	-1.1%	2.775	8.1%
Western	3.078	3.061	0.6%	2.705	13.8%
Statewide*	3.119	3.112	0.2%	2.837	9.9%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	July 2017	June 2017	% Change vs. Prior Month	July 2016	% Change vs. Last Year
Statewide	1.840	1.564	17.6%	1.611	14.2%

* Revision

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

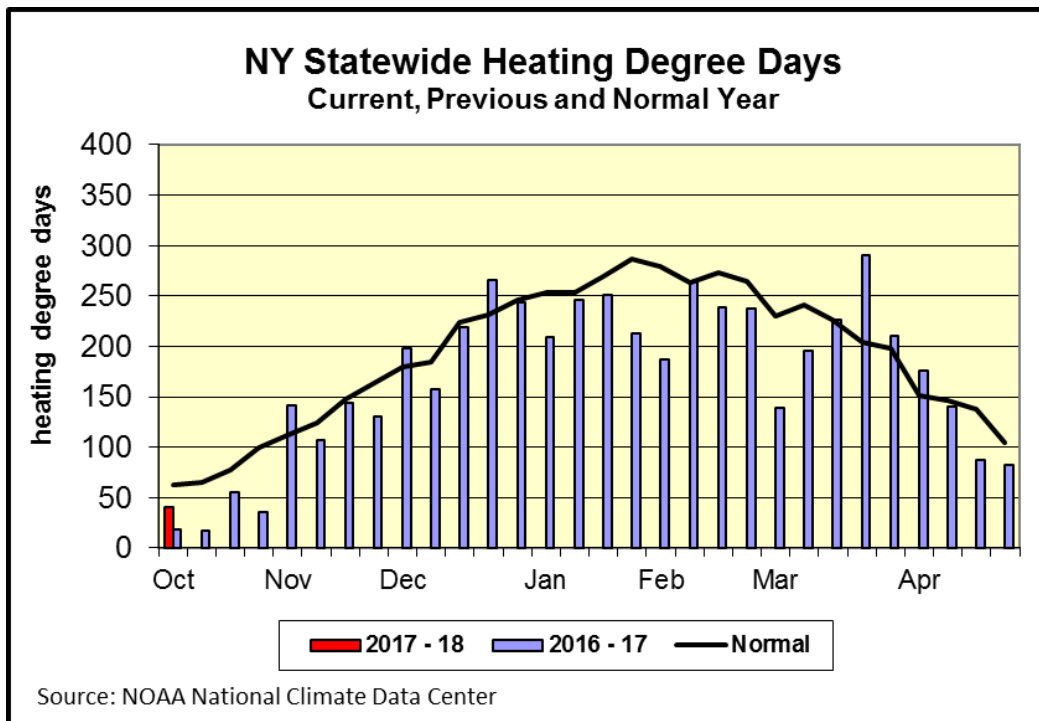
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

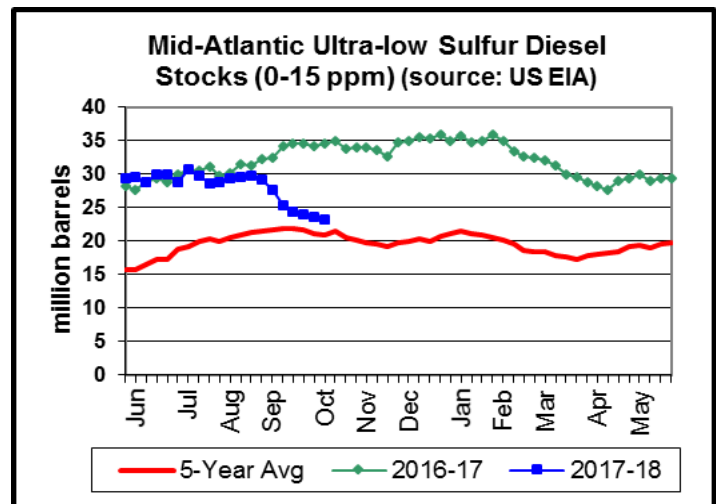
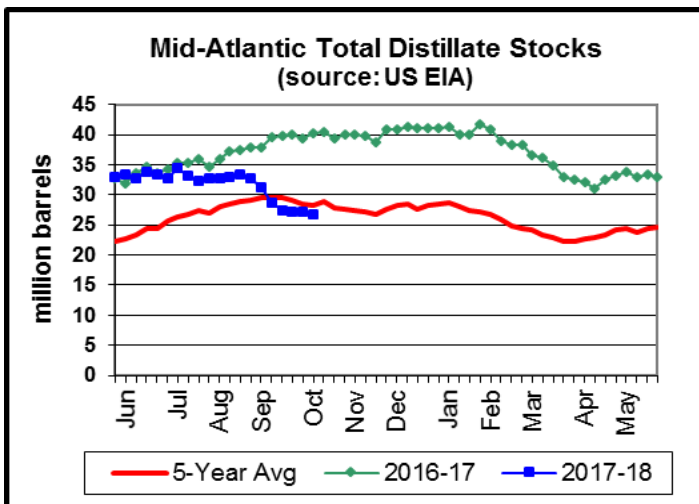
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (41) was 127.8% above the year-ago level of (18) and 34.9% below the normal trend (63).

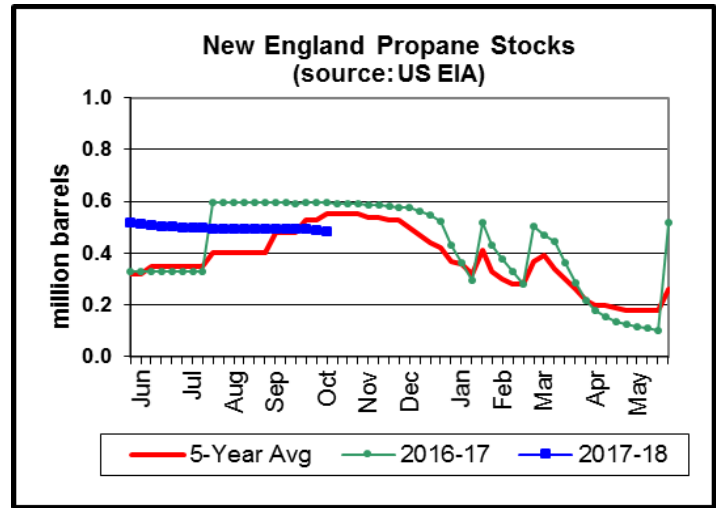
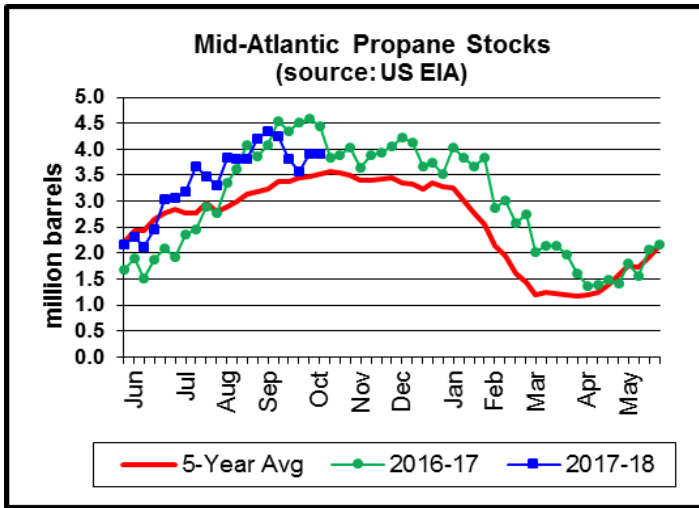
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending October 07			Cumulative From October 1		
	2017	2016	Normal	2017-18	2016-17	Normal
Albany	44	39	73	44	39	73
Binghamton	43	70	86	43	70	86
Buffalo	25	16	70	25	16	70
Glens Falls	77	55	93	77	55	93
Massena	55	50	95	55	50	95
NYC	4	14	32	4	14	32
Rochester	28	23	72	28	23	72
Syracuse	38	38	75	38	38	75
Watertown	55	46	91	55	46	91
Statewide	41	18	63	41	18	63



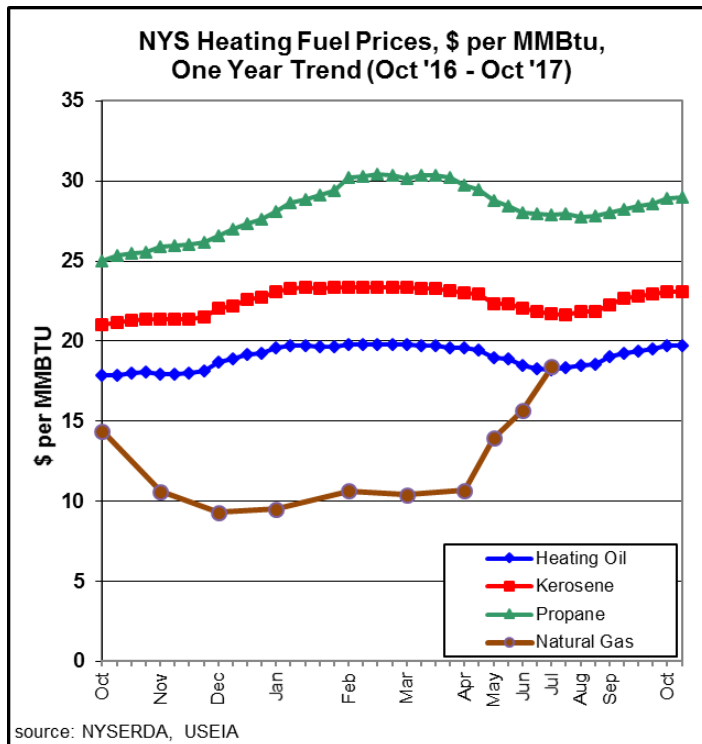
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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

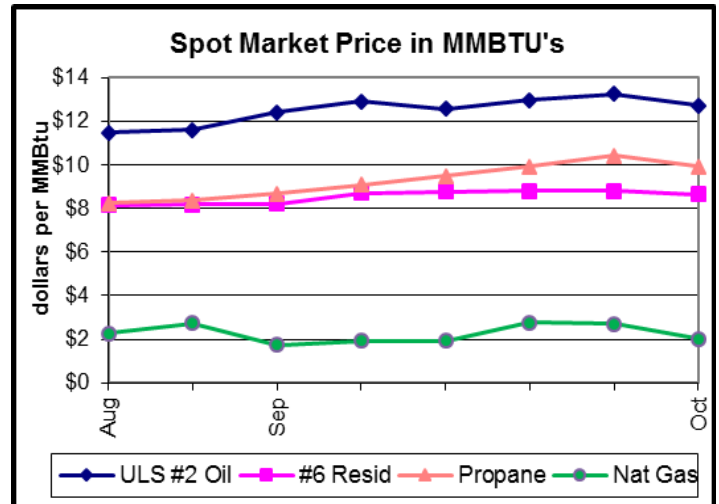


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



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	10/6/2017	Year Ago	% Change
Ultra LS Diesel	1.764	1.567	12.6%
#2 Fuel Oil	1.689	1.496	12.9%
#6 Residual 0.3%	1.293	1.205	7.3%
Propane	0.905	0.561	61.2%
Natural Gas	2.020	0.754	167.9%

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@nyserdera.ny.gov.