

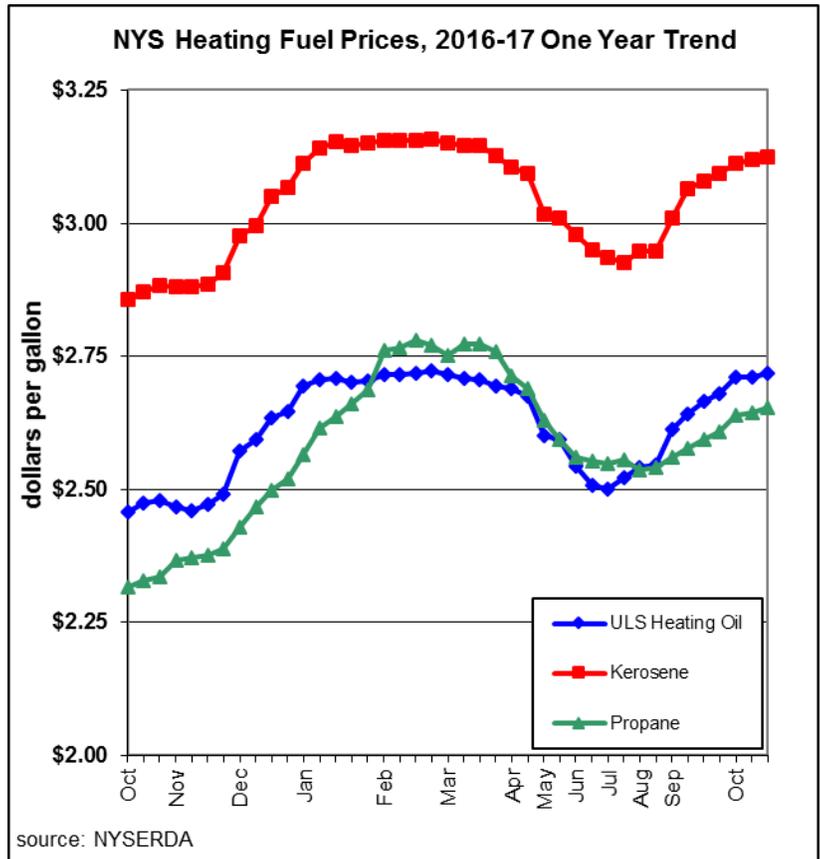
Highlights

- Mid-Atlantic ultra-low sulfur (ULS) distillate stocks for the current week decreased by 1.1 million barrels (4.6%) since last week to 22.1 million barrels. Inventories are now 12.9 million barrels (36.9%) below the year-ago level of 35.0 million barrels. Over the past eight weeks, Mid-Atlantic ULS distillate inventories have declined by 7.7 million barrels (25.8%).
- 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 October 9th, prices increased \$0.008/gallon (0.3%) to \$2.719/gallon for ULS heating oil, \$0.005/gallon (0.2%) to \$3.124/gallon for kerosene, and \$0.010/gallon (0.4%) to \$2.653/gallon for propane. Compared to a year earlier, prices increased \$0.261/gallon (10.6%) for heating oil, \$0.268/gallon (9.4%) for kerosene and \$0.336/gallon (14.5%) for propane.

Crude Oil Prices—For the week ending 10/13/17, WTI crude oil spot prices averaged \$50.77/bbl, an increase of \$0.54/bbl (1.1%) from the week-ago average of \$50.23/bbl. WTI prices are now \$0.48/bbl (1.0%) above the year-ago weekly average of \$50.29/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 10/13/17, Henry Hub natural gas spot prices averaged \$2.918 per million Btu (mmBtu), an increase of \$0.084/mmBtu (3.0%) from the prior week level of \$2.834/mmBtu. Prices are currently \$0.242/mmBtu (7.7%) below the year-earlier weekly average of \$3.160/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	10/13/2017	10/6/2017	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	22.1	23.2	-4.6%	35.0	-36.9%	21.3	3.9%
Non-road Diesel (15-500 ppm)	0.9	0.8	3.0%	2.4	-63.3%	1.2	-27.8%
High Sulfur Distillate (>500 ppm)	3.1	2.8	9.2%	3.0	1.0%	6.1	-49.9%
Total Distillate Oil	26.0	26.8	-2.9%	40.4	-35.6%	28.6	-8.9%
Propane	4.441	3.916	13.4%	3.835	15.8%	3.566	24.5%
#6 Residual Oil	5.6	5.4	3.6%	7.4	-25.4%	6.2	-10.5%
US Natural Gas	3,646	3,595	1.4%	3,825	-4.7%	3,681	-1.0%
US Crude Oil	456.5	462.2	-1.2%	468.7	-2.6%	391.8	16.5%

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	10/16/2017	10/9/2017	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	2.927	2.905	0.8%	2.638	11.0%
New York City	2.861	2.857	0.1%	2.597	10.2%
Lower Hudson	2.833	2.811	0.8%	2.554	10.9%
Upper Hudson	2.626	2.619	0.3%	2.363	11.1%
Capital District	2.545	2.552	-0.3%	2.292	11.0%
North Country	2.525	2.518	0.3%	2.319	8.9%
Central	2.512	2.517	-0.2%	2.274	10.5%
Western	2.691	2.691	0.0%	2.421	11.2%
Statewide	2.719	2.711	0.3%	2.458	10.6%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.165	3.160	0.2%	2.830	11.8%
Mid-Hudson	2.620	2.611	0.3%	2.272	15.3%
Capital District*	2.729	2.718	0.4%	2.502	9.1%
North Country*	3.261	3.259	0.1%	2.774	17.6%
Central	2.367	2.360	0.3%	2.024	16.9%
Western	2.303	2.295	0.3%	2.051	12.3%
Statewide*	2.653	2.646	0.3%	2.317	14.5%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.255	3.248	0.2%	2.949	10.4%
Capital District	3.018	3.023	-0.2%	2.806	7.6%
North Country	3.125	3.125	0.0%	2.910	7.4%
Central	3.021	3.000	0.7%	2.764	9.3%
Western	3.078	3.078	0.0%	2.749	12.0%
Statewide	3.124	3.119	0.2%	2.856	9.4%
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.

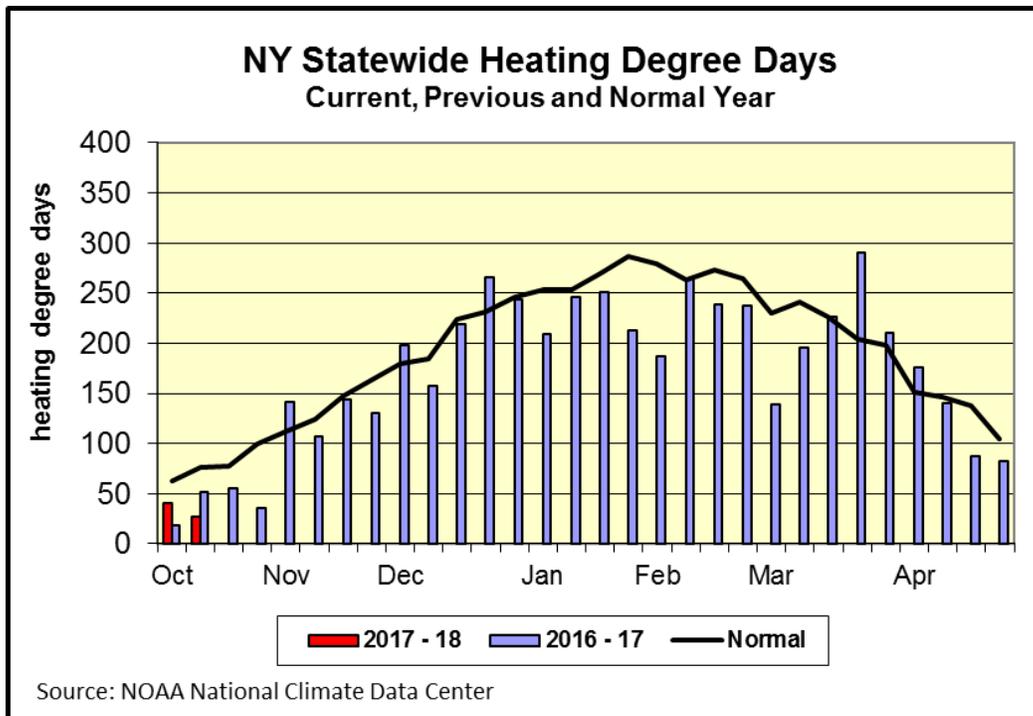
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

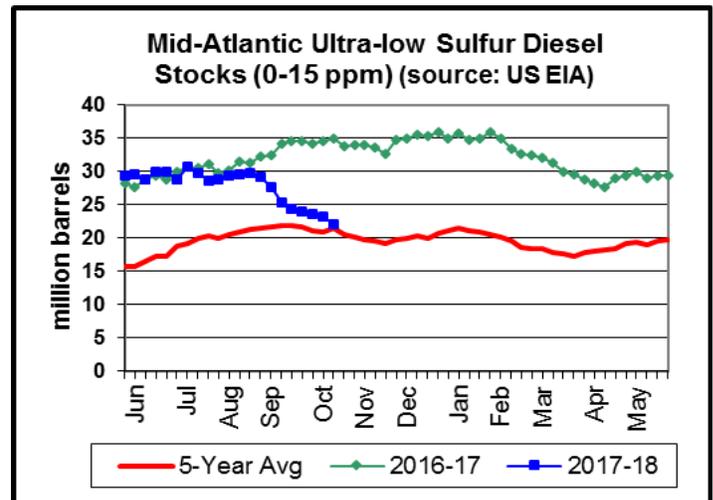
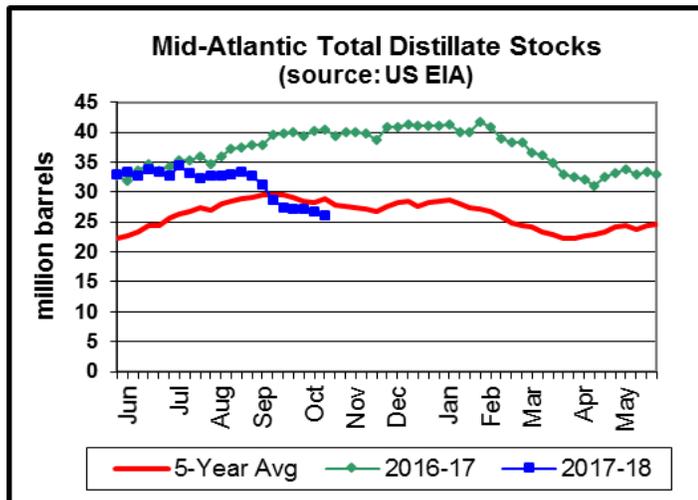
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (27) was 47.1% below the year-ago level of (51) and 64.5% below the normal trend (76). On a cumulative basis since October 1st, current year heating degree-days (68) are behind the year-ago level (69) by 1.4% and the normal trend (139) by 51.1%.

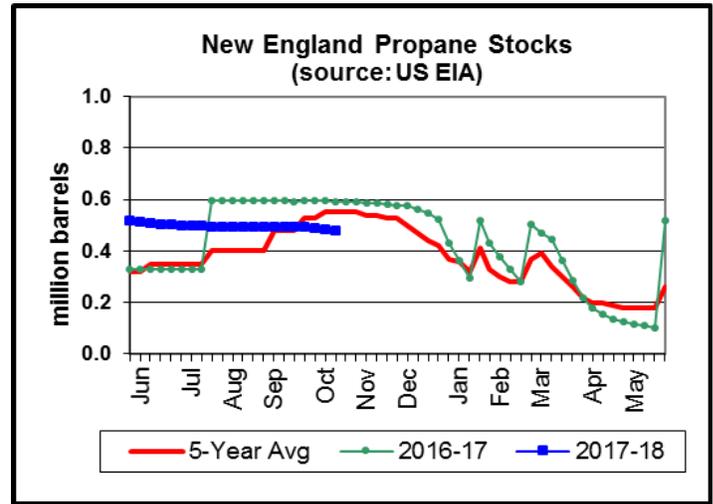
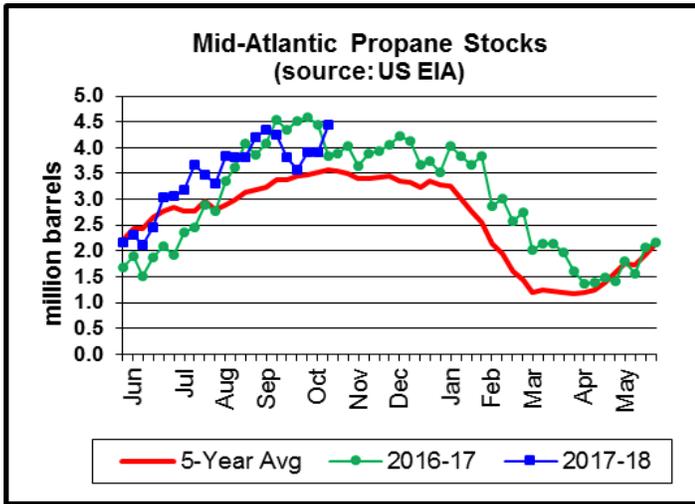
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending October 14			Cumulative From October 1		
	2017	2016	Normal	2017-18	2016-17	Normal
Albany	38	73	93	82	112	166
Binghamton	47	104	105	90	174	191
Buffalo	22	68	89	47	84	159
Glens Falls	58	91	112	135	146	205
Massena	53	93	115	108	143	210
NYC	8	23	46	12	37	78
Rochester	21	68	90	49	91	162
Syracuse	33	84	93	71	122	168
Watertown	42	91	110	97	137	201
Statewide	27	51	76	68	69	139



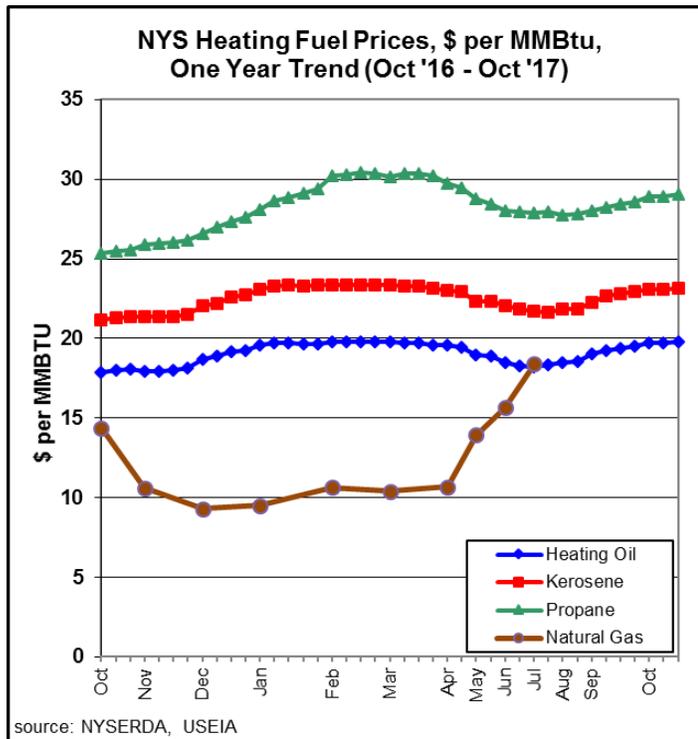
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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

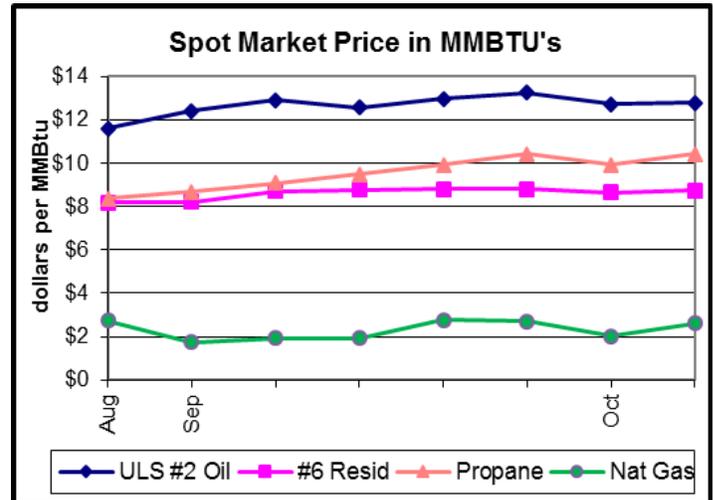


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



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	10/13/2017	Year Ago	% Change
Ultra LS Diesel	1.770	1.566	13.0%
#2 Fuel Oil	1.652	1.499	10.2%
#6 Residual 0.3%	1.307	1.226	6.6%
Propane	0.952	0.583	63.3%
Natural Gas	2.608	1.062	145.6%

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.