

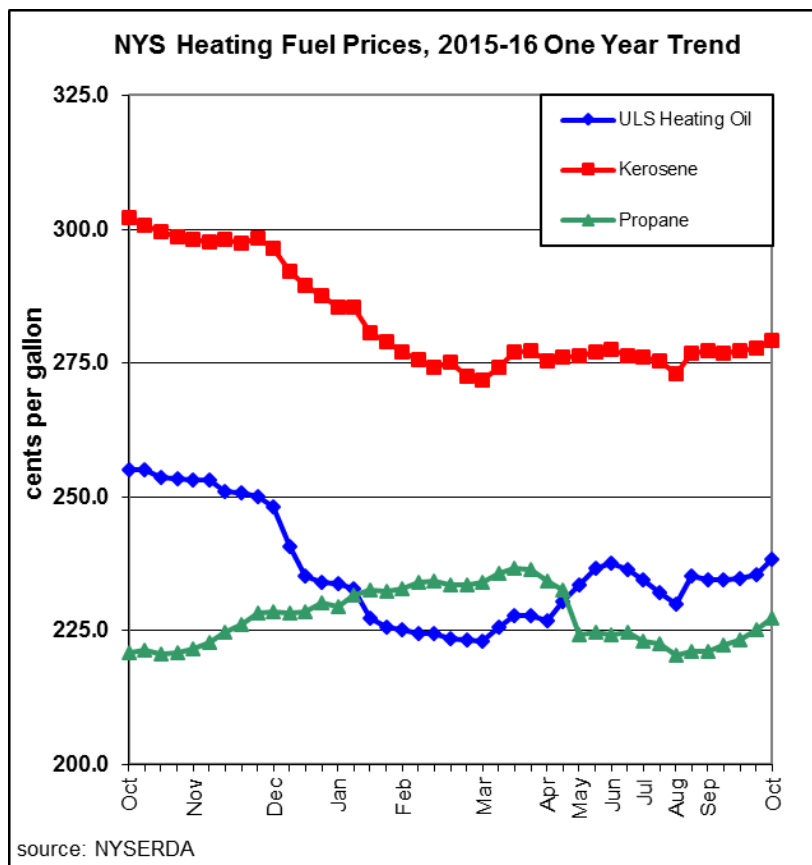
Highlights

- U.S. crude oil inventories decreased by 3.0 million barrels since last week to 499.7 million barrels. U.S. crude oil inventories remain 38.7 million barrels (8.4%) higher than last year's level of 461.0 million barrels.
- Mid-Atlantic propane inventories increased by 1.2% since last week to 4.579 million barrels, 17.1% greater than the year-ago level of 3.909 million barrels.
- 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 September 26th, prices increased 2.9¢/gallon (1.2%) to 238.3¢/gallon for ULS heating oil, and 1.5¢/gallon (0.5%) to 279.3¢/gallon for kerosene, and 2.1¢/gallon (0.9%) to 227.2¢/gallon for propane. Compared to a year earlier, prices decreased 16.7¢/gallon (6.5%) for heating oil, 22.9¢/gallon (7.6%) for kerosene and the price increased 6.3¢/gallon (2.9%) for propane.

Crude Oil Prices—For the week ending 9/30/16, WTI crude oil spot prices averaged \$46.55/bbl, an increase of \$1.95/bbl (4.4%) from the week-ago average of \$44.60/bbl. WTI prices are now \$1.55/bbl (3.4%) above the year-ago weekly average of \$45.00/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 9/30/16, Henry Hub natural gas spot prices averaged \$2.926 per million Btu (mmBtu), a decrease of \$0.144/mmBtu (4.7%) from the prior week level of \$3.070/mmBtu. Prices are currently \$0.470/mmBtu (19.1%) above the year-earlier weekly average of \$2.456/mmBtu.



Residential Natural Gas Prices—The NYS average price in July 2016 was \$1.614/therm, an increase of \$0.191/therm (13.4%) from the prior month of \$1.423/therm, and was \$0.042/therm (2.5%) lower than the year earlier average of \$1.656/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	9/30/2016	9/23/2016	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	34.2	34.5	-1.1%	29.8	14.6%	17.1	99.5%
Non-road Diesel (15-500 ppm)	2.3	2.8	-16.6%	1.2	100.0%	1.3	81.4%
High Sulfur Distillate (>500 ppm)	2.9	2.8	4.3%	5.4	-45.9%	9.8	-70.0%
Total Distillate Oil	39.4	40.1	-1.8%	36.4	8.3%	28.2	39.9%
Propane	4.579	4.525	1.2%	3.909	17.1%	3.138	45.9%
#6 Residual Oil	8.0	8.2	-2.1%	6.9	17.0%	6.3	27.0%
US Natural Gas	3,680	3,600	2.2%	3,606	2.1%	3,475	5.9%
US Crude Oil	499.7	502.7	-0.6%	461.0	8.4%	379.4	31.7%

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 (cents per gallon)					
REGION	10/3/2016	9/26/2016	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	258.7	254.0	1.9%	270.3	-4.3%
New York City	251.0	248.7	0.9%	277.1	-9.4%
Lower Hudson	244.7	243.5	0.5%	256.6	-4.6%
Upper Hudson	231.2	227.1	1.8%	241.4	-4.2%
Capital District	225.2	222.5	1.2%	243.7	-7.6%
North Country	221.7	220.7	0.5%	246.4	-10.0%
Central	218.8	214.1	2.2%	233.3	-6.2%
Western	232.7	232.4	0.1%	253.5	-8.2%
Statewide	238.3	235.4	1.2%	255.0	-6.5%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)					
Long Island	282.7	277.5	1.9%	273.8	3.3%
Mid-Hudson	224.4	222.4	0.9%	227.4	-1.3%
Capital District	239.2	234.2	2.1%	232.2	3.0%
North Country	273.5	271.8	0.6%	232.2	17.8%
Central	197.1	196.7	0.2%	198.6	-0.8%
Western	201.9	200.7	0.6%	203.4	-0.7%
Statewide	227.2	225.1	0.9%	220.9	2.9%
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	290.9	289.9	0.3%	318.0	-8.5%
Capital District	274.5	273.3	0.4%	297.0	-7.6%
North Country	283.4	283.9	-0.2%	295.8	-4.2%
Central	269.1	264.6	1.7%	291.6	-7.7%
Western	265.6	263.9	0.6%	293.0	-9.4%
Statewide	279.3	277.8	0.5%	302.2	-7.6%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	July 2016	June 2016	% Change vs. Prior Month	July 2015	% Change vs. Last Year
Statewide*	1.614	1.423	13.4%	1.656	-2.5%

* Revision

Historic Retail Prices—Statewide average high and low prices since Sept. 1997 for #2 & propane & Sept. 2000 for kerosene.

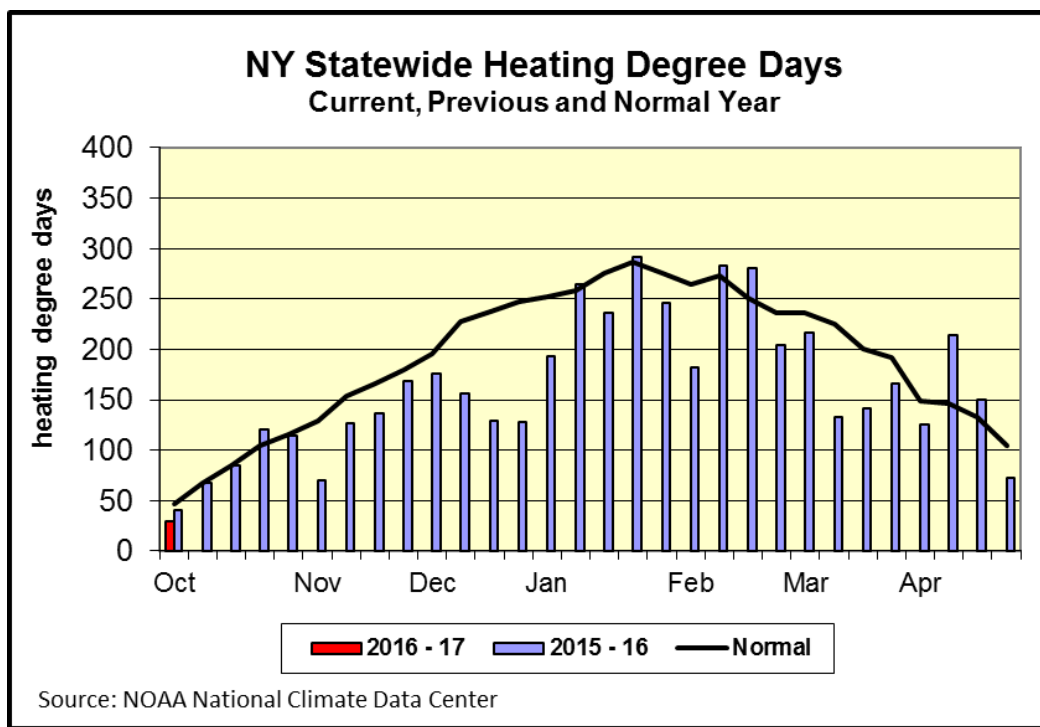
- Heating oil—highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane—highest price 381.1¢/gallon on 2/17/14, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene—highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

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>.

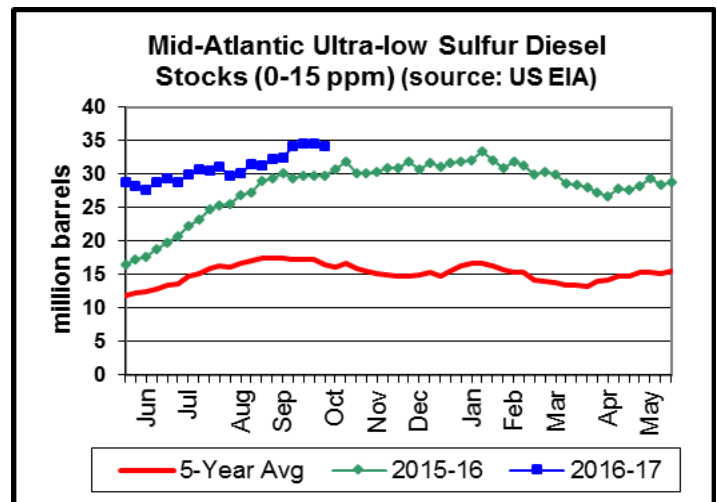
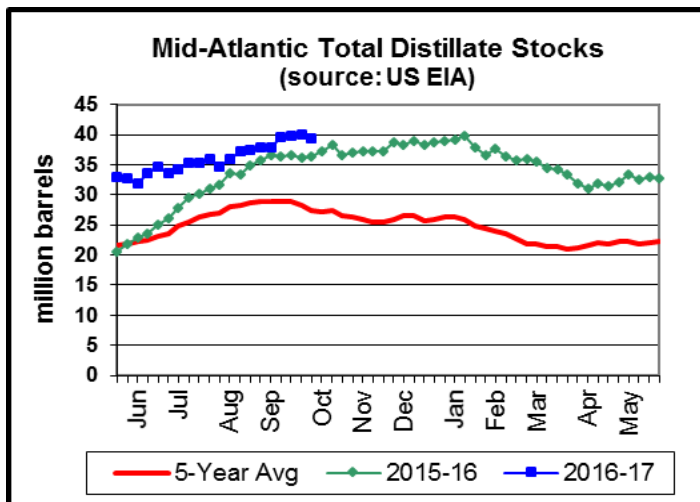
New York State Regions: ***Long Island:*** Nassau and Suffolk ***New York City:*** Bronx, Kings, New York, Queens, and Richmond ***Lower Hudson:*** Dutchess, Putnam, Rockland, and Westchester ***Upper Hudson:*** Columbia, Greene, Orange, Sullivan, and Ulster ***Capital District:*** Albany, Fulton Montgomery, 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 (29) was 29.3% below the year-ago level of (41) and 37.0% below the normal trend (46).

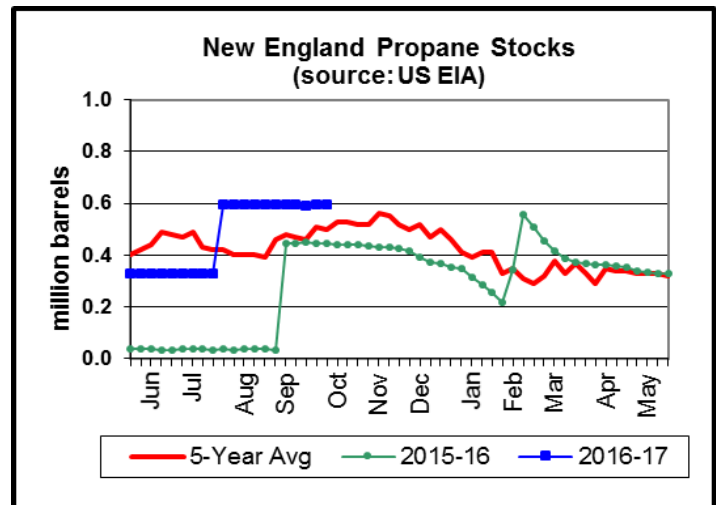
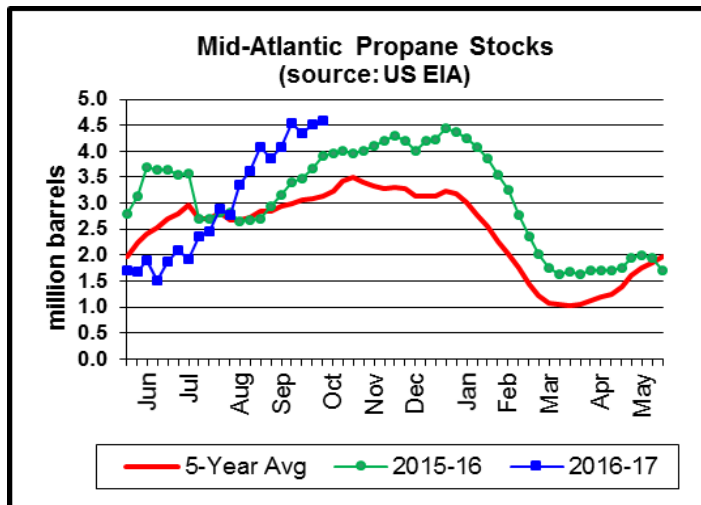
New York State Heating Degree Day Information, Weekly & Cumulative						
Week Ending October 01				Cumulative From October 1		
Region	2016	2015	Normal	2016-17	2015-16	Normal
Albany	55	34	55	55	34	55
Binghamton	78	44	72	78	44	72
Buffalo	30	30	58	30	30	58
Glens Falls	71	45	76	71	45	76
Massena	64	73	77	64	73	77
NYC	9	11	24	9	11	24
Rochester	36	30	58	36	30	58
Syracuse	58	31	61	58	31	61
Watertown	63	46	76	63	46	76
Statewide	29	41	46	29	41	46



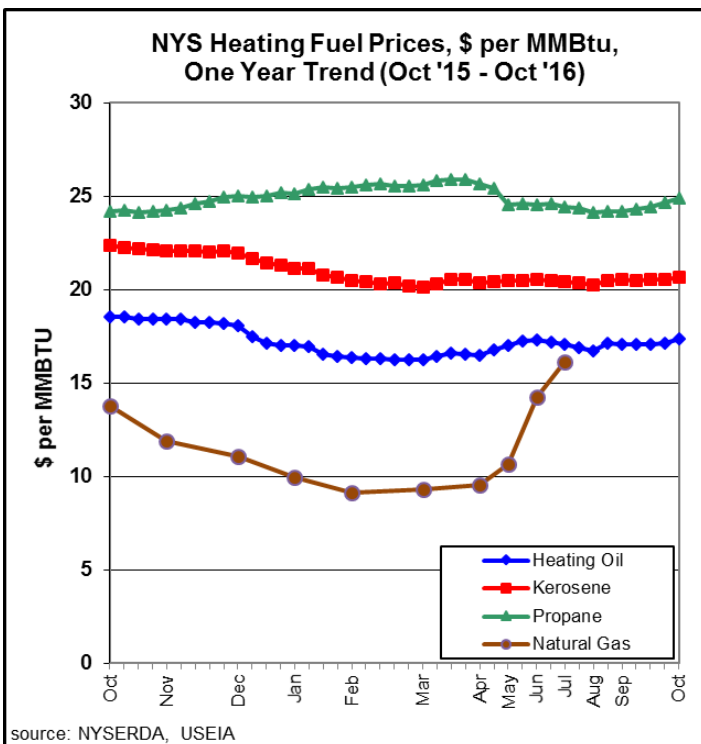
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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

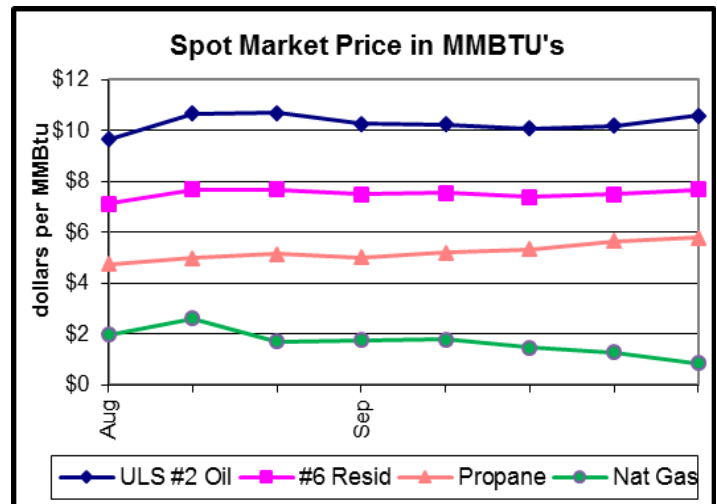


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



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	9/30/2016	Year Ago	% Change
Ultra LS Diesel	146.5	148.6	-1.4%
#2 Fuel Oil	140.0	141.6	-1.1%
#6 Residual 0.3%	114.9	96.3	19.3%
Propane	52.8	47.0	12.2%
Natural Gas	0.839	1.887	-55.5%

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.