

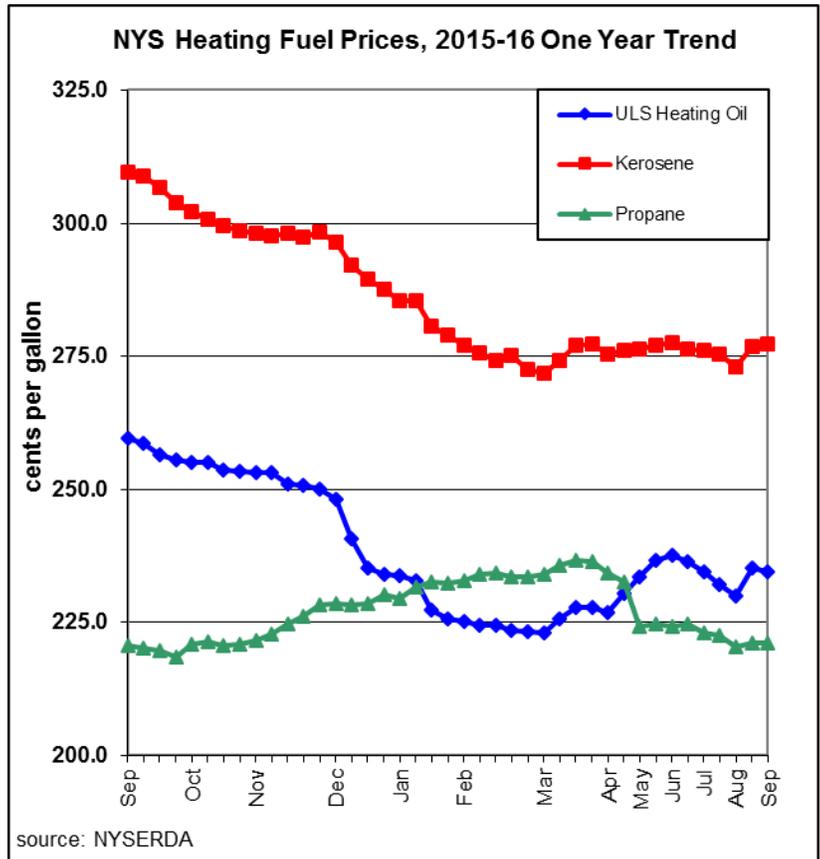
Highlights

- U.S. crude oil inventories decreased by 14.5 million barrels since last week to 511.4 million barrels due to impacts from Hurricane Hermine and other tropical storm systems reducing crude oil imports to the U.S. East and Gulf coasts and shutting in some offshore crude oil production in the Gulf of Mexico. U.S. crude oil inventories remain 53.4 million barrels (11.7%) higher than last year’s level of 458.0 million barrels.
- The New York statewide average retail price for ultra-low sulfur (ULS) heating oil decreased while the average prices for kerosene and propane increased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on August 29th, the price decreased 0.6¢/gallon (0.3%) to 234.5¢/gallon for ULS heating oil, while the prices increased 0.5¢/gallon (0.2%) to 277.2¢/gallon for kerosene, and 0.2¢/gallon (0.1%) to 221.2¢/gallon for propane. Compared to a year earlier, prices decreased 25.2¢/gallon (9.7%) for heating oil, 32.3¢/gallon (10.4%) for kerosene and the price increased 0.6¢/gallon (0.3%) for propane.

Crude Oil Prices—For the week ending 9/2/16, WTI crude oil spot prices averaged \$45.11/bbl, a decrease of \$1.94/bbl (4.1%) from the week-ago average of \$47.05/bbl. WTI prices are now \$1.62/bbl (3.5%) below the year-ago weekly average of \$46.73/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 9/2/16, Henry Hub natural gas spot prices averaged \$2.920 per million Btu (mmBtu), an increase of \$0.128/mmBtu (4.6%) from the prior week level of \$2.792/mmBtu. Prices are currently \$0.218/mmBtu (8.1%) above the year-earlier weekly average of \$2.702/mmBtu.



Residential Natural Gas Prices—The NYS average price in June 2016 was \$1.437/therm, an increase of \$0.375/therm (35.4%) from the prior month of \$1.061/therm, and was \$0.147/therm (9.3%) lower than the year earlier average of \$1.584/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	9/2/2016	8/26/2016	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	32.6	32.3	0.7%	30.2	7.9%	17.5	85.9%
Non-road Diesel (15-500 ppm)	2.3	2.4	-5.9%	1.3	76.9%	1.5	55.5%
High Sulfur Distillate (>500 ppm)	3.1	3.1	-0.8%	5.1	-38.9%	10.1	-69.3%
Total Distillate Oil	38.0	37.9	0.1%	36.6	3.8%	29.1	30.4%
Propane	3,871	3,154	22.7%	2,942	31.6%	2,080	86.1%
#6 Residual Oil	7.5	7.1	4.8%	6.1	23.6%	6.6	13.2%
US Natural Gas	3,437	3,401	1.1%	3,241	6.0%	3,131	9.8%
US Crude Oil	511.4	525.9	-2.8%	458.0	11.7%	376.4	35.8%

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 (cents per gallon)					
REGION	9/5/2016	8/29/2016	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	254.1	257.0	-1.1%	276.8	-8.2%
New York City*	249.7	250.0	-0.1%	277.0	-9.9%
Lower Hudson	243.3	243.2	0.0%	261.8	-7.1%
Upper Hudson	224.3	224.7	-0.2%	246.7	-9.1%
Capital District	221.6	221.6	0.0%	246.7	-10.2%
North Country	220.1	219.7	0.2%	254.1	-13.4%
Central	210.6	211.5	-0.4%	237.5	-11.3%
Western	230.5	230.3	0.1%	259.8	-11.3%
Statewide*	234.5	235.1	-0.3%	259.7	-9.7%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)					
Long Island	274.7	273.5	0.4%	274.5	0.1%
Mid-Hudson	220.9	218.9	0.9%	227.1	-2.7%
Capital District	229.7	229.4	0.1%	230.2	-0.2%
North Country	258.7	257.8	0.3%	227.2	13.9%
Central	194.9	195.8	-0.5%	198.6	-1.9%
Western	198.6	199.8	-0.6%	202.5	-1.9%
Statewide	221.2	221.0	0.1%	220.6	0.3%
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	290.0	288.9	0.4%	329.2	-11.9%
Capital District	272.0	272.0	0.0%	299.0	-9.0%
North Country	285.1	284.7	0.1%	307.9	-7.4%
Central	261.4	261.3	0.0%	293.8	-11.0%
Western	263.3	263.3	0.0%	298.0	-11.6%
Statewide	277.2	276.7	0.2%	309.5	-10.4%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	June 2016	May 2016	% Change vs. Prior Month	June 2015	% Change vs. Last Year
Statewide	1.437	1.061	35.4%	1.584	-9.3%

* Revision

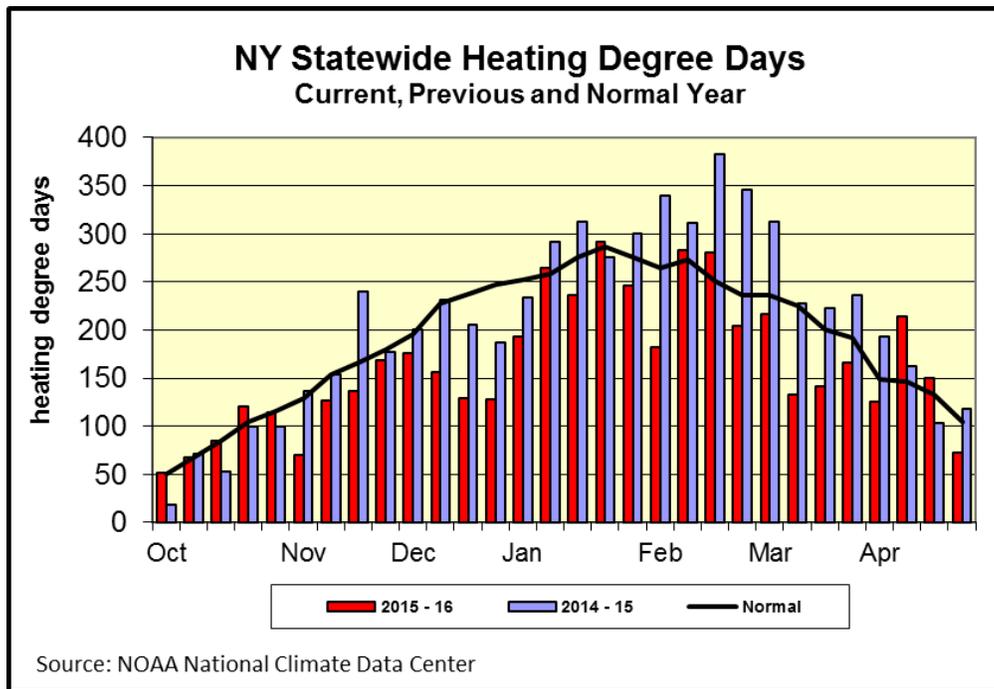
Historic Retail Prices—Statewide average high and low prices since Sept. 1997 for #2 & propane & Sept. 2000 for kerosene.

- 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.

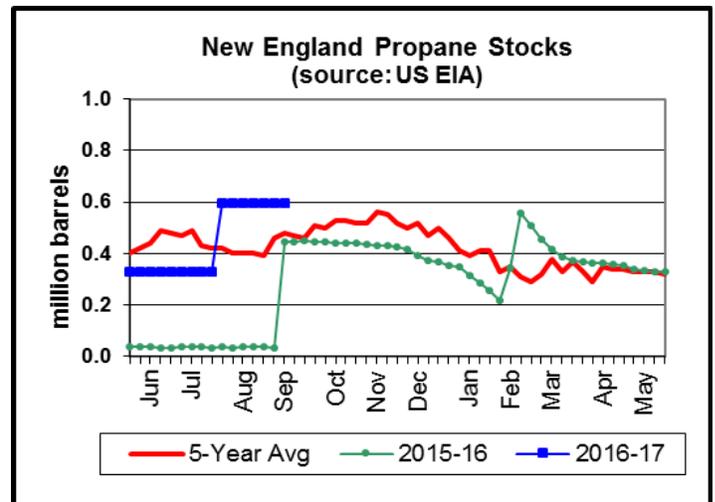
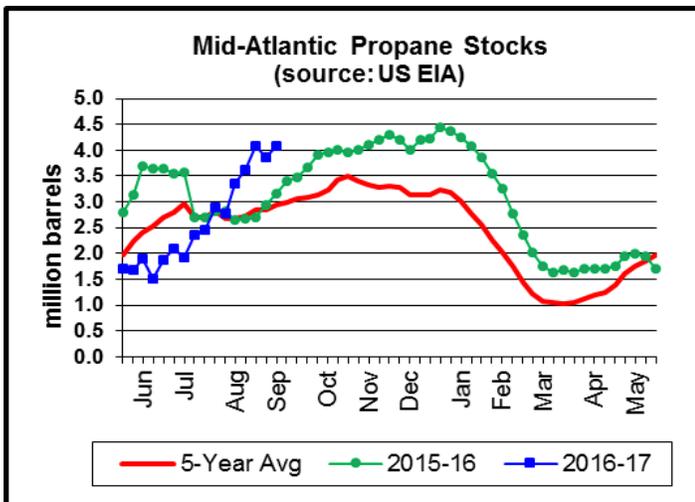
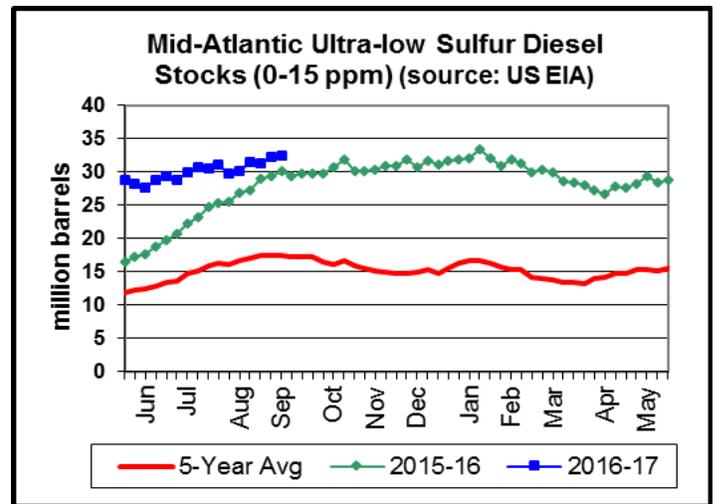
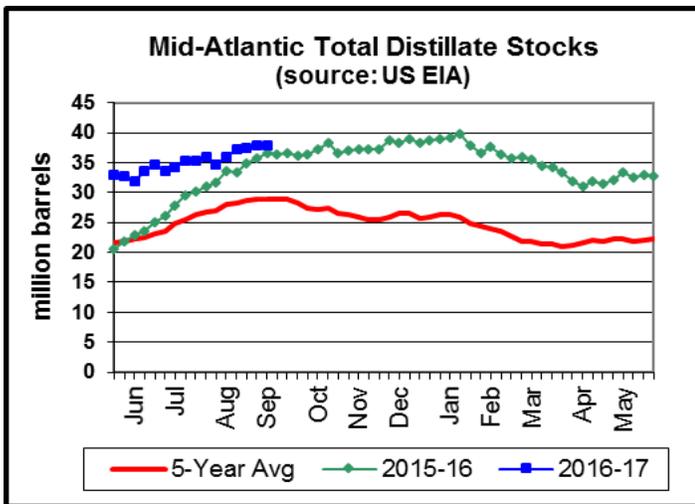
Residential Natural Gas Prices: Statewide average prices are derived from US EIA most currently available data. NYS gas utility specific prices can be found on the NYS DPS website at <http://www.dps.ny.gov/TypicalBills.htm#GasRes>.

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, Schuylar, Seneca, Steuben, Wayne, Wyoming, and Yates counties. **Propane & Kerosene:** *Mid-Hudson:* Columbia, Dutchess, Greene, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester counties.

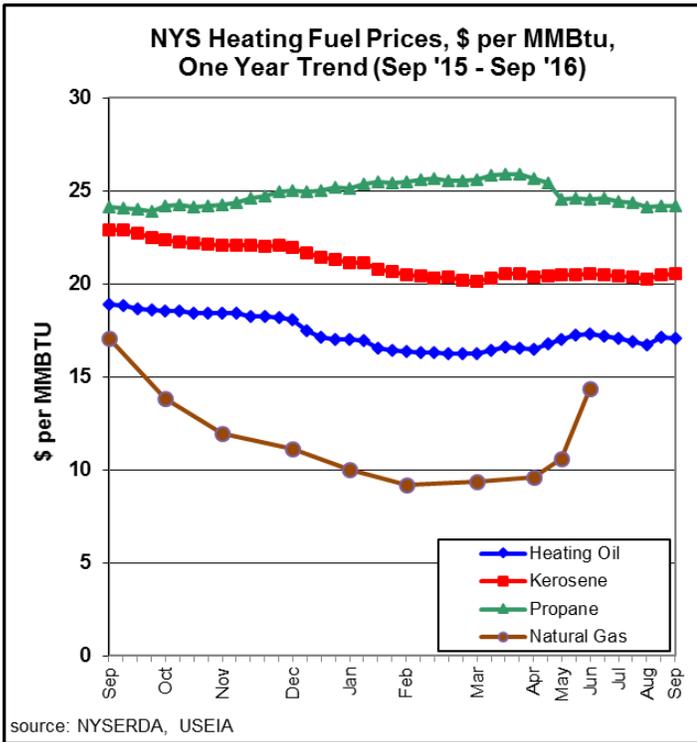
Heating Degree Days— Heating Degree Day reporting will resume in October. The 2015-16 Winter Season is presented below.



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

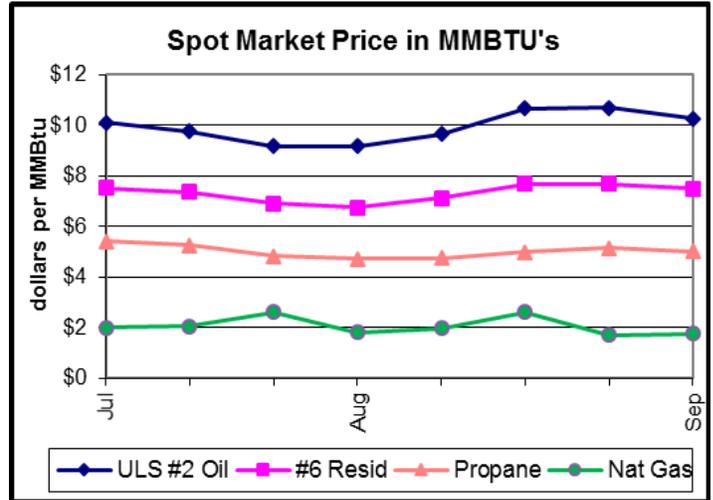


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



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	9/2/2016	Year Ago	% Change
Ultra LS Diesel	142.2	159.1	-10.7%
#2 Fuel Oil	135.6	147.6	-8.2%
#6 Residual 0.3%	111.9	108.4	3.2%
Propane	45.8	43.4	5.6%
Natural Gas	1.759	2.361	-25.5%

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.