

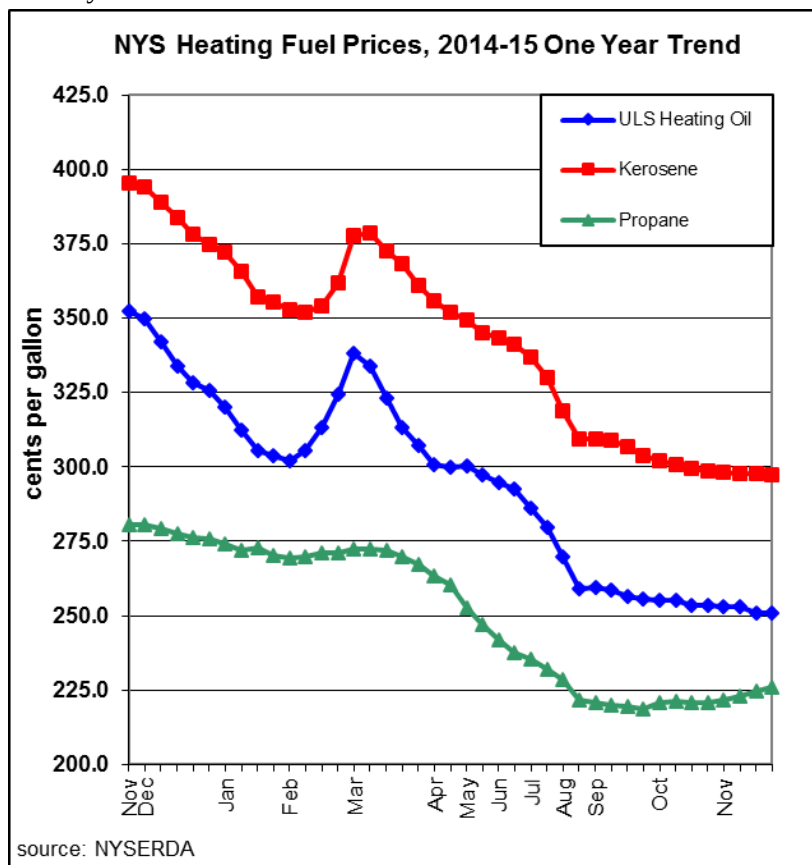
Highlights

- U.S. working natural gas in underground storage reached a record high of 4.009 trillion cubic feet for the week ending November 20. Inventories are 16.0% above last year's level and 6.7% above the 5-year average.
- Mid-Atlantic propane stocks increased by 2.2% since last week and are now 11.6% above last year's level and 46.4% above the 5-year average.
- New York statewide average retail prices for ultra-low sulfur (ULS) heating oil and kerosene decreased while the average propane price increased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on November 16th, prices decreased 0.3¢/gallon (0.1%) to 250.7¢/gallon for ULS heating oil, 0.6¢/gallon (0.2%) to 297.4¢/gallon for kerosene, and the average price increased 1.2¢/gallon (0.5%) to 226.0¢/gallon for propane. Compared to a year earlier, prices decreased 101.8¢/gallon (28.9%) for heating oil, 98.1¢/gallon (24.8%) for kerosene and 54.4¢/gallon (19.4%) for propane.

Crude Oil Prices—For the week ending 11/20/15, WTI crude oil spot prices averaged \$40.62/bbl, a decrease of \$2.08/bbl (4.9%) from the week-ago average of \$42.70/bbl. WTI prices are now \$34.76/bbl (46.1%) below the year-ago weekly average of \$75.38/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 11/20/15, Henry Hub natural gas spot prices averaged \$2.126 per million Btu (mmBtu), an increase of \$0.054/mmBtu (2.6%) from the prior week level of \$2.072/mmBtu. Prices are currently \$2.208/mmBtu (50.9%) below the year-earlier weekly average of \$4.334/mmBtu.



Residential Natural Gas Prices—The NYS average price in August 2015 was \$1.691/therm, an increase of \$0.023/therm (1.3%) from the prior month of \$1.668/therm, and was \$0.151/therm (8.2%) lower than the year earlier average of \$1.842/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	11/20/2015	11/13/2015	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	30.9	30.9	0.0%	13.3	132.6%	10.5	193.6%
Non-road Diesel (15-500 ppm)	1.2	1.3	-1.4%	1.2	0.8%	1.4	-11.7%
High Sulfur Distillate (>500 ppm)	5.0	5.1	-2.6%	5.1	-2.2%	14.2	-64.8%
Total Distillate Oil	37.2	37.3	-0.4%	19.6	89.2%	26.1	42.1%
Propane	4.294	4.201	2.2%	3.846	11.6%	2.932	46.4%
#6 Residual Oil	7.6	7.9	-3.9%	5.3	43.9%	7.3	4.0%
US Natural Gas	4,009	4,000	0.2%	3,455	16.0%	3,757	6.7%
US Crude Oil	488.2	487.3	0.2%	383.0	27.5%	368.6	32.5%

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 (cents per gallon)					
REGION	11/23/2015	11/16/2015	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	264.7	266.9	-0.8%	362.3	-26.9%
New York City	270.2	267.4	1.0%	359.9	-24.9%
Lower Hudson	253.6	254.3	-0.3%	355.0	-28.6%
Upper Hudson	238.8	239.1	-0.1%	345.8	-30.9%
Capital District	237.2	239.5	-1.0%	341.9	-30.6%
North Country	242.0	241.7	0.1%	346.2	-30.1%
Central	229.6	229.9	-0.1%	347.4	-33.9%
Western	253.9	253.7	0.1%	351.7	-27.8%
Statewide	250.7	251.0	-0.1%	352.5	-28.9%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (cents per gallon)					
Long Island	283.1	282.4	0.2%	335.6	-15.6%
Mid-Hudson	225.8	225.3	0.2%	294.4	-23.3%
Capital District	235.7	246.1	-4.2%	313.8	-24.9%
North Country	238.9	235.9	1.3%	285.3	-16.3%
Central	206.5	202.1	2.2%	261.3	-21.0%
Western	210.2	205.4	2.3%	243.4	-13.6%
Statewide	226.0	224.8	0.5%	280.4	-19.4%
New York State Retail Kerosene Posted Credit Prices (cents per gallon)					
Mid-Hudson	309.3	308.7	0.2%	407.8	-24.2%
Capital District	287.9	290.0	-0.7%	388.3	-25.9%
North Country	294.9	294.9	0.0%	388.8	-24.2%
Central	290.2	291.4	-0.4%	388.9	-25.4%
Western	293.5	295.3	-0.6%	390.9	-24.9%
Statewide	297.4	298.0	-0.2%	395.5	-24.8%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	August 2015	July 2015	% Change vs. Prior Month	August 2014	% Change vs. Last Year
Statewide	1.691	1.668	1.3%	1.842	-8.2%

* Revision

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

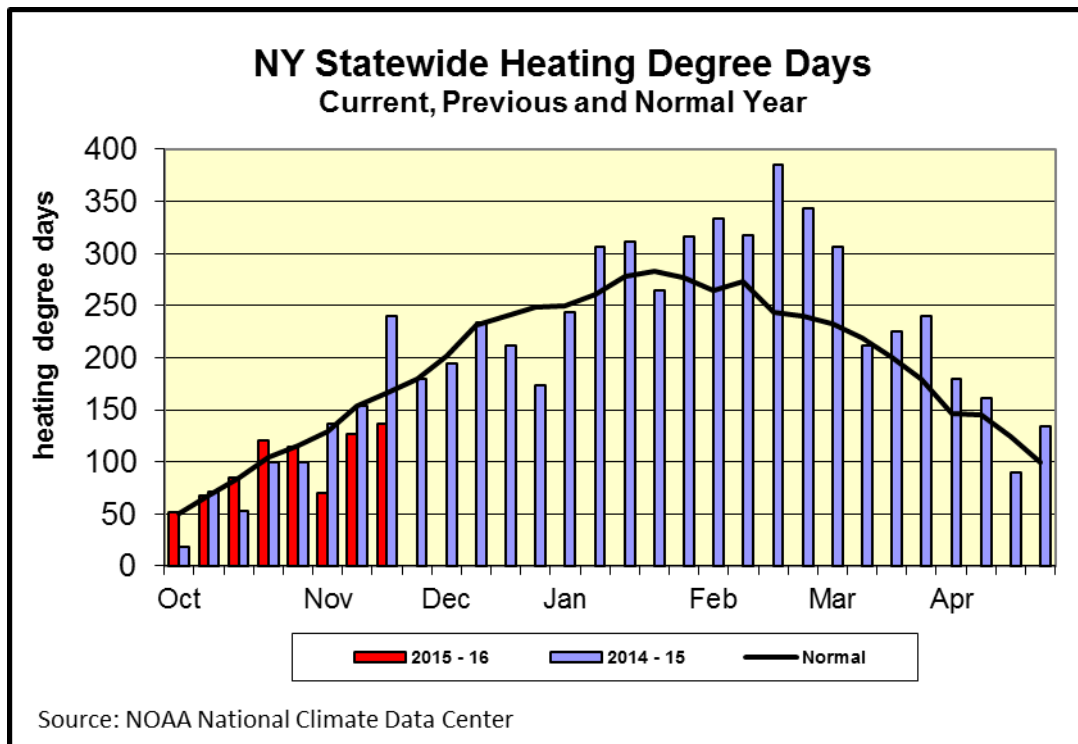
- Heating oil—highest price 477.8¢/gallon on 7/14/08, lowest price 87.6¢/gallon on 9/08/98.
- Propane—highest price 381.1¢/gallon on 2/17/14, lowest price 107.2¢/gallon on 9/20/99.
- Kerosene—highest price 506.8¢/gallon on 7/14/08, lowest price 130.9¢/gallon on 9/09/02.

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 (137) was 42.9% below the year-ago level of (240) and 17.5% below the normal trend (166). On a cumulative basis since October 1st, current year heating degree-days (773) are behind the year-ago level (871) by 11.3% and the normal trend (872) by 11.4%.

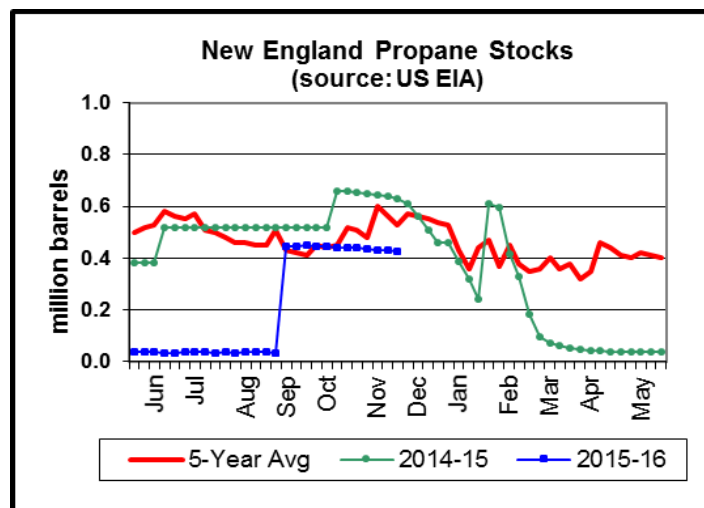
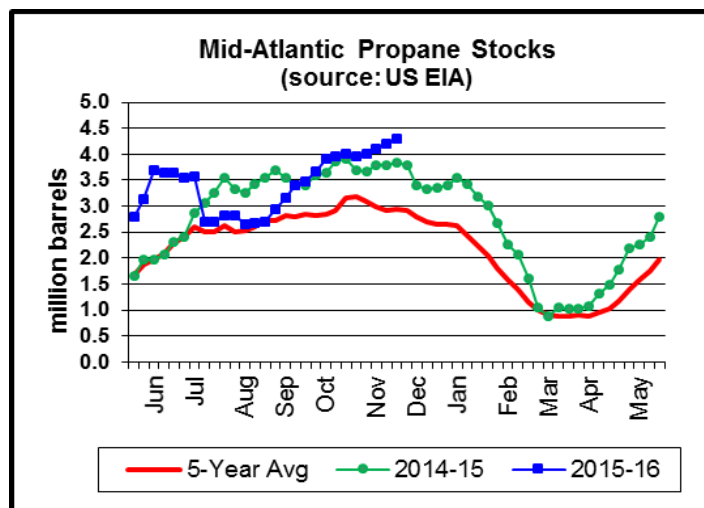
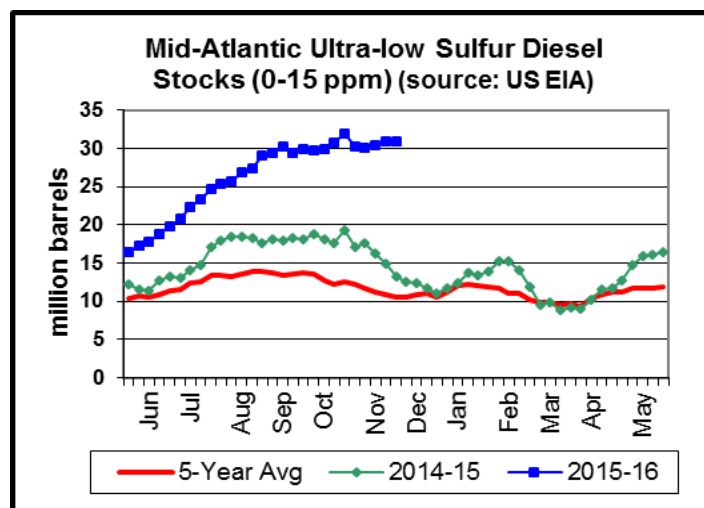
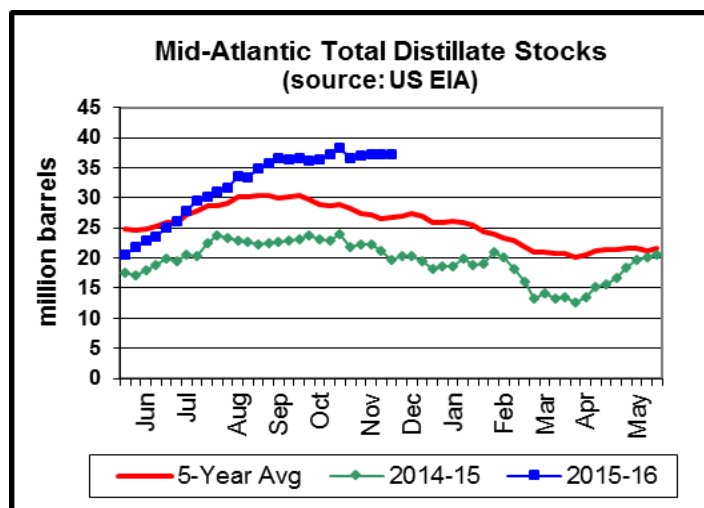
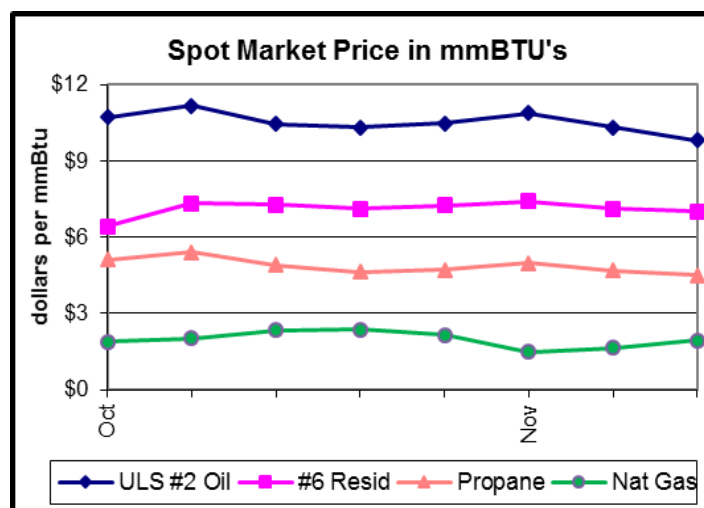
New York State Heating Degree Day Information, Weekly & Cumulative						
Week Ending November 21				Cumulative From October 1		
Region	2015	2014	Normal	2015-16	2014-15	Normal
Albany	148	243	177	832	904	981
Binghamton	150	273	196	900	1,037	1,090
Buffalo	118	270	177	758	940	958
Glens Falls	168	250	200	967	1,013	1,143
Massena	177	262	212	1,083	1,047	1,186
NYC	81	195	128	405	563	599
Rochester	126	258	179	764	910	966
Syracuse	139	243	180	812	836	984
Watertown	156	246	199	971	909	1,124
Statewide	137	240	166	773	871	872



Btu Price Equivalents—The Btu 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	11/20/2015	Year Ago	% Change
Ultra LS Diesel	135.8	241.9	-43.8%
#2 Fuel Oil	127.3	222.6	-42.8%
#6 Residual 0.3%	104.9	190.7	-45.0%
Propane	41.1	75.4	-45.5%
Natural Gas	1.947	5.208	-62.6%

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.