

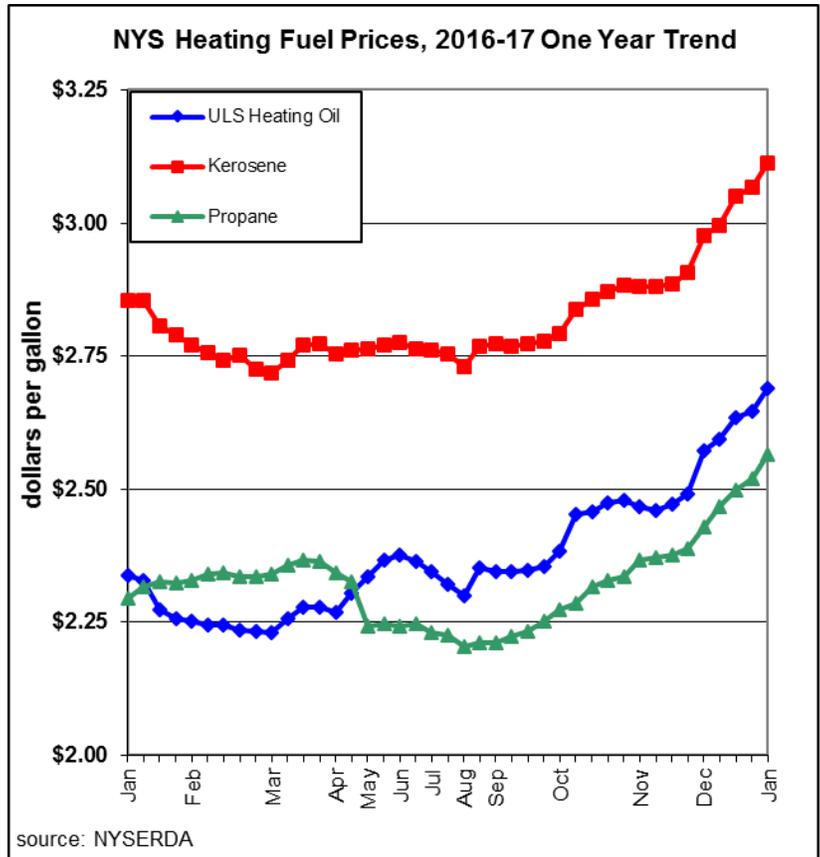
Highlights

- New York statewide heating degree-days for the week ending December 31st were 16.8% above the year-ago level while the cumulative heating degree-days since October 1st, (1,950) are ahead of the year-ago level (1,695) by 15.0% but remain behind the normal trend (2,152) by 9.4%.
- The weekly average WTI crude oil spot price averaged \$53.28 per barrel, an increase of \$1.33 per barrel (2.6%) since last week and is now 44.0% higher than last year’s price of \$36.99 per barrel.
- For the seventh week in a row, 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 December 26th, prices increased \$0.043/gallon (1.6%) to \$2.689/gallon for ULS heating oil, \$0.046/gallon (1.5%) to \$3.113/gallon for kerosene, and \$0.044/gallon (1.7%) to \$2.564/gallon for propane. Compared to a year earlier, prices increased \$0.351/gallon (15.0%) for heating oil, \$0.258/gallon (9.0%) for kerosene and \$0.270/gallon (11.8%) for propane.

Crude Oil Prices—For the week ending 12/30/16, WTI crude oil spot prices averaged \$53.28/bbl, an increase of \$1.33/bbl (2.6%) from the week-ago average of \$51.95/bbl. WTI prices are now \$16.29/bbl (44.0%) above the year-ago weekly average of \$36.99/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 12/30/16, Henry Hub natural gas spot prices averaged \$3.660 per million Btu (mmBtu), an increase of \$0.150/mmBtu (4.3%) from the prior week level of \$3.510/mmBtu. Prices are currently \$1.402/mmBtu (62.1%) above the year-earlier weekly average of \$2.258/mmBtu.



Residential Natural Gas Prices—The NYS average price in October 2016 was \$1.437/therm, a decrease of \$0.241/therm (14.4%) from the prior month of \$1.678/therm, and was \$0.057/therm (4.1%) higher than the year earlier average of \$1.380/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	12/30/2016	12/23/2016	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	35.0	35.9	-2.6%	31.9	9.5%	15.7	122.8%
Non-road Diesel (15-500 ppm)	1.9	1.9	1.4%	1.4	34.7%	1.1	81.4%
High Sulfur Distillate (>500 ppm)	4.2	3.4	25.5%	5.5	-23.2%	9.3	-54.5%
Total Distillate Oil	41.1	41.2	-0.1%	38.9	5.8%	26.1	57.7%
Propane	3.528	3.747	-5.8%	4.379	-19.4%	3.187	10.7%
#6 Residual Oil	7.1	7.0	1.3%	8.4	-15.5%	7.0	1.6%
US Natural Gas	3,311	3,360	-1.5%	3,675	-9.9%	3,332	-0.6%
US Crude Oil	479.0	486.1	-1.5%	451.0	6.2%	353.7	35.4%

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	1/2/2017	12/26/2016	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	2.817	2.801	0.6%	2.488	13.2%
New York City	2.798	2.753	1.6%	2.448	14.3%
Lower Hudson	2.790	2.733	2.1%	2.291	21.8%
Upper Hudson	2.591	2.553	1.5%	2.294	12.9%
Capital District	2.538	2.502	1.4%	2.221	14.3%
North Country	2.563	2.517	1.8%	2.263	13.3%
Central	2.506	2.450	2.3%	2.105	19.0%
Western	2.796	2.714	3.0%	2.495	12.1%
Statewide	2.689	2.646	1.6%	2.338	15.0%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.028	2.960	2.3%	2.793	8.4%
Mid-Hudson	2.452	2.396	2.3%	2.259	8.5%
Capital District	2.851	2.784	2.4%	2.416	18.0%
North Country	3.044	2.990	1.8%	2.533	20.2%
Central	2.326	2.296	1.3%	2.115	10.0%
Western	2.242	2.225	0.8%	2.089	7.3%
Statewide	2.564	2.520	1.7%	2.294	11.8%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.205	3.174	1.0%	2.963	8.2%
Capital District	3.033	2.989	1.5%	2.767	9.6%
North Country	3.132	3.088	1.4%	2.872	9.1%
Central	2.992	2.933	2.0%	2.686	11.4%
Western	3.133	3.067	2.2%	2.920	7.3%
Statewide	3.113	3.067	1.5%	2.855	9.0%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	October 2016	September 2016	% Change vs. Prior Month	October 2015	% Change vs. Last Year
Statewide	1.437	1.678	-14.4%	1.380	4.1%

* Revision

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

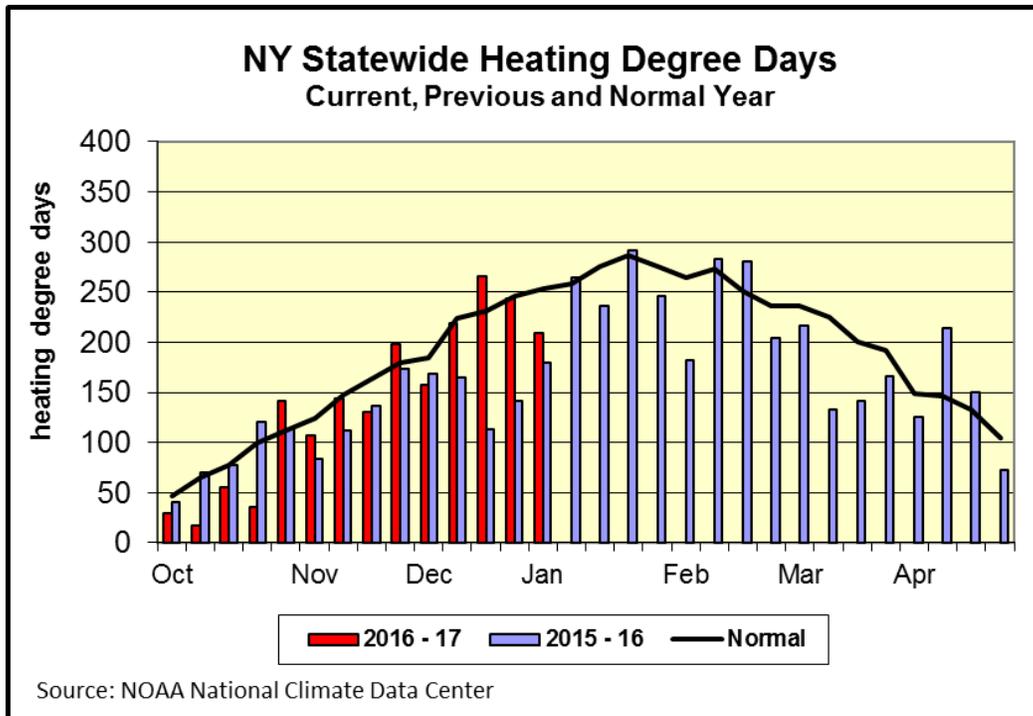
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

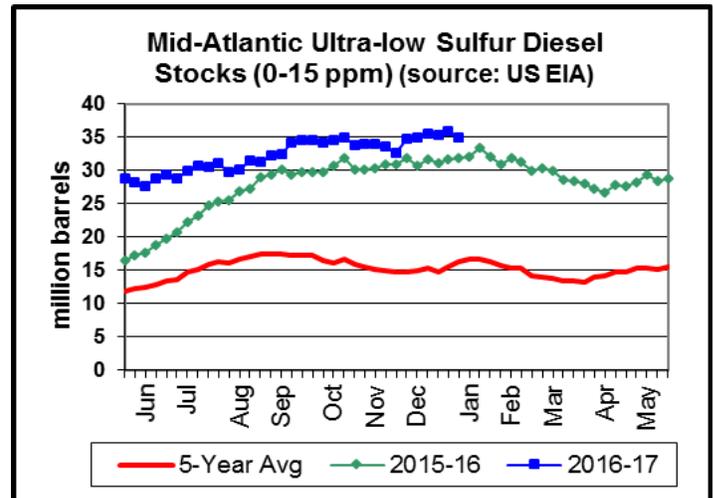
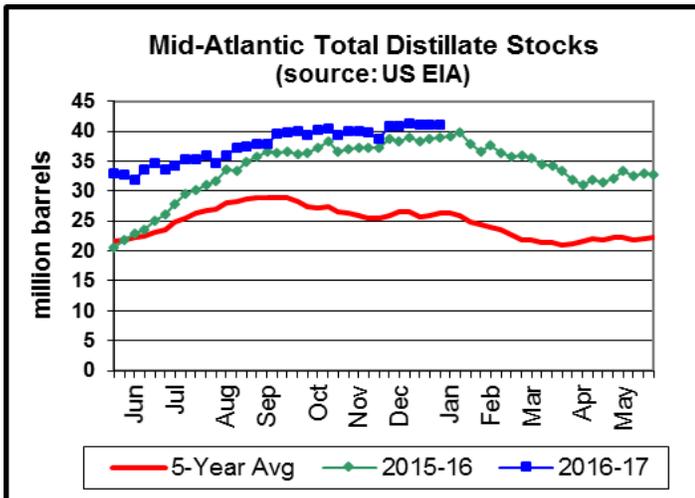
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (209) was 16.8% above the year-ago level of (179) and 17.4% below the normal trend (253). On a cumulative basis since October 1st, current year heating degree-days (1,950) are ahead of the year-ago level (1,695) by 15.0% and behind the normal trend (2,152) by 9.4%.

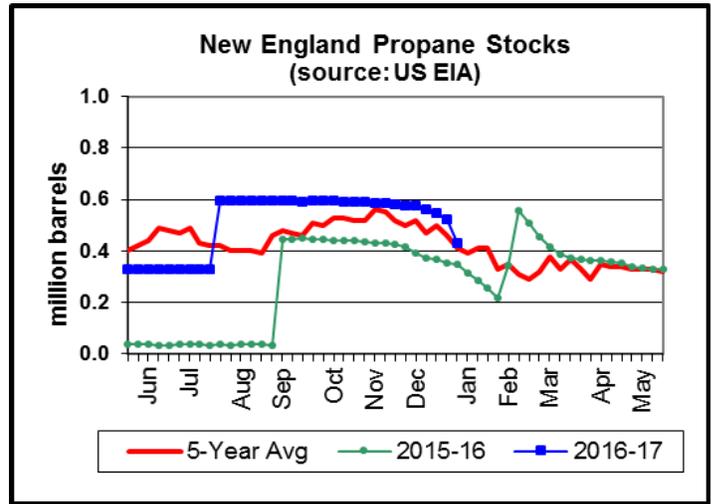
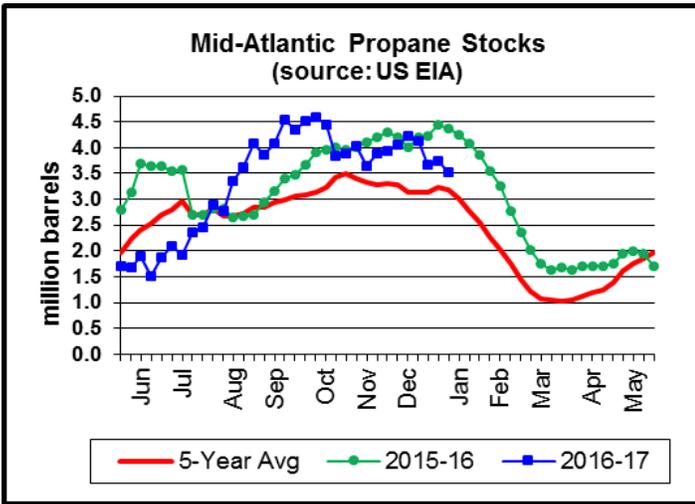
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending December 31			Cumulative From October 1		
	2016	2015	Normal	2016-17	2015-16	Normal
Albany	232	186	268	2,194	1,785	2,335
Binghamton	249	193	284	2,461	1,930	2,548
Buffalo	215	198	266	1,979	1,706	2,309
Glens Falls	250	209	307	2,364	2,071	2,683
Massena	272	261	333	2,514	2,273	2,857
NYC	157	116	210	1,308	1,007	1,629
Rochester	213	191	268	1,987	1,703	2,326
Syracuse	234	199	275	2,224	1,787	2,372
Watertown	237	235	305	2,320	2,034	2,663
Statewide	209	179	253	1,950	1,695	2,152



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

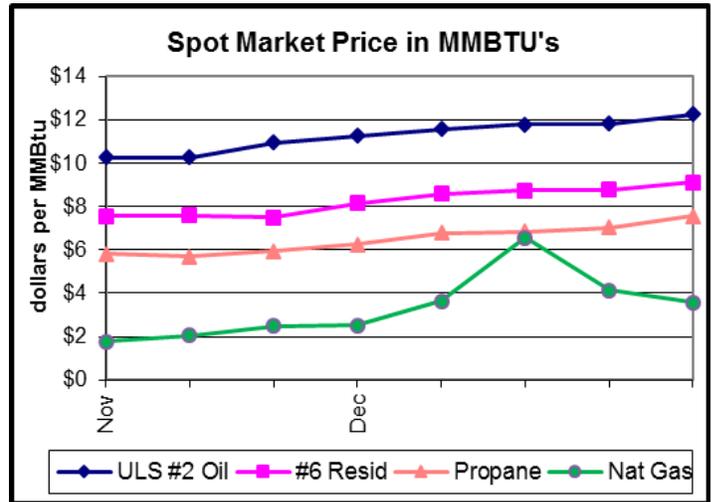
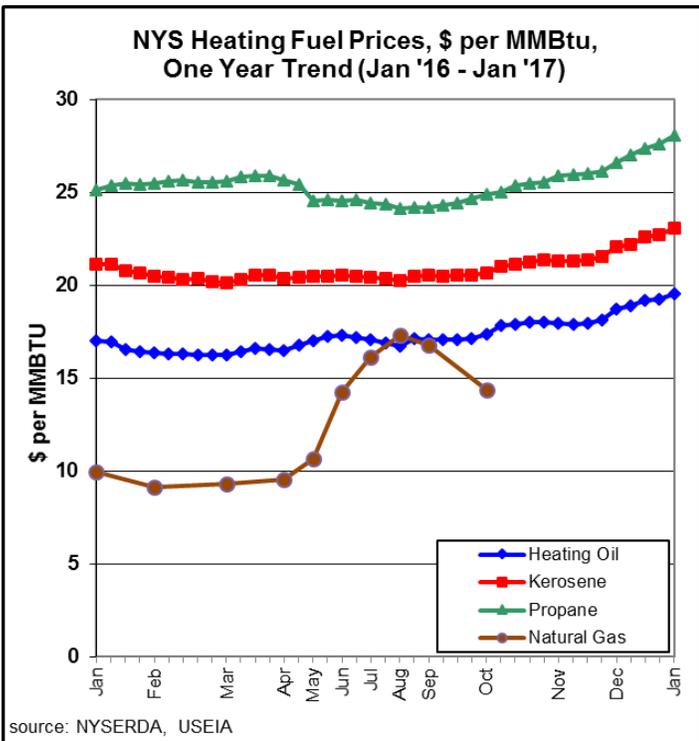


Propane Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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.

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.



Note: Natural gas prices are from the U.S. EIA and provided on a monthly basis and delayed by 3 months.

New York Spot Prices, Weekly Average

Fuel	12/30/2016	Year Ago	% Change
Ultra LS Diesel	1.698	1.063	59.8%
#2 Fuel Oil	1.611	1.008	59.9%
#6 Residual 0.3%	1.361	0.788	72.7%
Propane	0.690	0.391	76.6%
Natural Gas	3.559	1.672	112.9%

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@nyserda.ny.gov.