

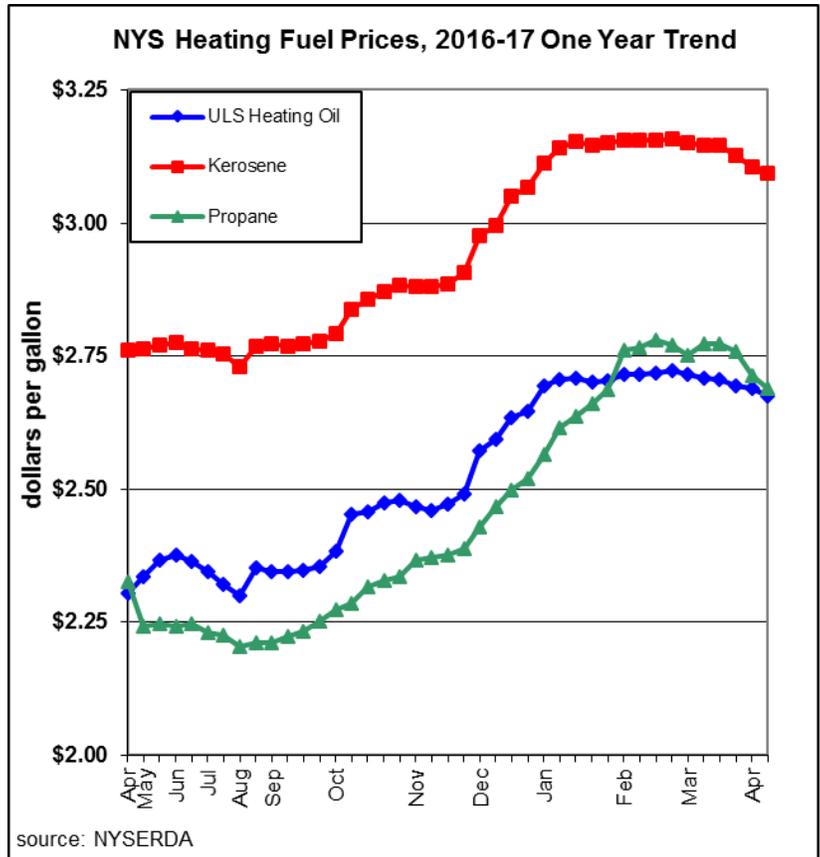
Highlights

- New York statewide heating degree-days for the current week were 2.5% above last year’s level but 21.9% below the 30-year normal. Cumulative heating degree-days since October 1st (5,133) are behind the 30-year normal (5,682) by 9.7%.
- Mid-Atlantic ultra-low sulfur distillate inventories increased by 4.8% since last week and are now 5.0% above the year-ago level.
- New York statewide average retail prices of ultra-low sulfur (ULS) heating oil, kerosene, and propane all decreased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on April 10th, prices decreased \$0.015/gallon (0.6%) to \$2.674/gallon for ULS heating oil, \$0.013/gallon (0.4%) to \$3.093/gallon for kerosene, and \$0.024/gallon (0.9%) to \$2.690/gallon for propane. Compared to a year earlier, prices increased \$0.369/gallon (16.0%) for heating oil, \$0.332/gallon (12.0%) for kerosene and \$0.365/gallon (15.7%) for propane.

Crude Oil Prices—For the week ending 4/21/17, WTI crude oil spot prices averaged \$51.09/bbl, a decrease of \$2.10/bbl (3.9%) from the week-ago average of \$53.19/bbl. WTI prices are now \$9.23/bbl (22.0%) above the year-ago weekly average of \$41.86/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 4/21/17, Henry Hub natural gas spot prices averaged \$3.086 per million Btu (mmBtu), an increase of \$0.031/mmBtu (1.0%) from the prior week level of \$3.055/mmBtu. Prices are currently \$1.168/mmBtu (60.9%) above the year-earlier weekly average of \$1.918/mmBtu.



Residential Natural Gas Prices—The NYS average price in February 2017 was \$1.062/therm, an increase of \$0.112/therm (11.8%) from the prior month of \$0.950/therm, and was \$0.148/therm (16.2%) higher than the year earlier average of \$0.914/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	4/21/2017	4/14/2017	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	29.1	27.7	4.8%	27.7	5.0%	15.0	93.8%
Non-road Diesel (15-500 ppm)	0.6	0.8	-23.9%	1.1	-44.5%	1.0	-41.1%
High Sulfur Distillate (>500 ppm)	3.0	2.5	19.0%	2.7	8.9%	6.3	-52.5%
Total Distillate Oil	32.6	31.0	5.2%	31.5	3.7%	22.3	46.6%
Propane	1.493	1.380	8.2%	1.753	-14.8%	1.388	7.6%
#6 Residual Oil	5.6	5.8	-3.2%	8.3	-32.2%	6.7	-15.8%
US Natural Gas	2,189	2,115	3.5%	2,547	-14.1%	1,890	15.8%
US Crude Oil	528.7	532.3	-0.7%	509.3	3.8%	410.3	28.9%

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	4/24/2017	4/10/2017	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	2.849	2.870	-0.7%	2.460	15.8%
New York City	2.772	2.775	-0.1%	2.477	11.9%
Lower Hudson	2.770	2.788	-0.6%	2.313	19.8%
Upper Hudson	2.569	2.593	-0.9%	2.192	17.2%
Capital District	2.488	2.511	-0.9%	2.175	14.4%
North Country	2.527	2.538	-0.4%	2.174	16.2%
Central	2.480	2.492	-0.5%	2.150	15.3%
Western	2.800	2.802	-0.1%	2.345	19.4%
Statewide	2.674	2.689	-0.6%	2.305	16.0%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	2.974	2.970	0.1%	2.813	5.7%
Mid-Hudson*	2.532	2.558	-1.0%	2.218	14.2%
Capital District	2.981	2.993	-0.4%	2.453	21.5%
North Country	3.454	3.482	-0.8%	2.753	25.5%
Central	2.401	2.443	-1.7%	2.123	13.1%
Western*	2.345	2.359	-0.6%	2.086	12.4%
Statewide*	2.690	2.714	-0.9%	2.325	15.7%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.168	3.173	-0.2%	2.856	10.9%
Capital District	2.985	3.002	-0.6%	2.673	11.7%
North Country	3.129	3.152	-0.7%	2.846	9.9%
Central	2.974	2.999	-0.8%	2.653	12.1%
Western	3.171	3.171	0.0%	2.682	18.2%
Statewide	3.093	3.106	-0.4%	2.761	12.0%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	February 2017	January 2017	% Change vs. Prior Month	February 2016	% Change vs. Last Year
Statewide	1.062	0.950	11.8%	0.914	16.2%

* Revision

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

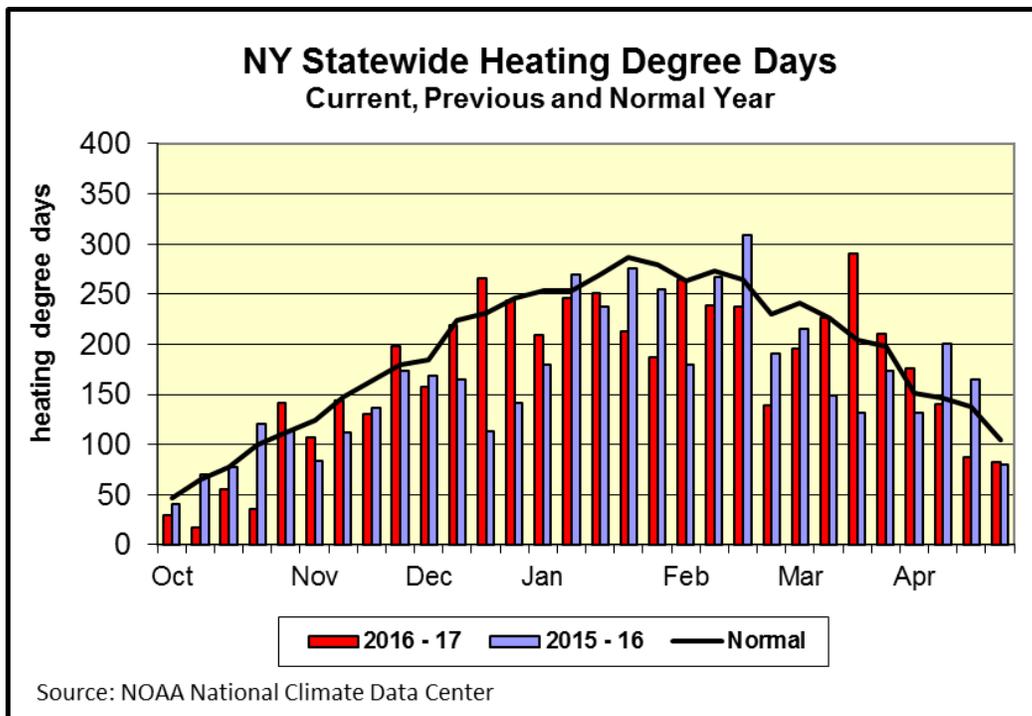
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

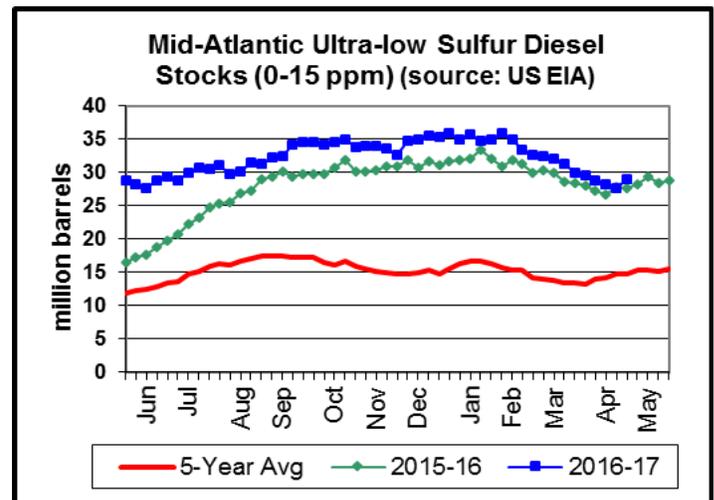
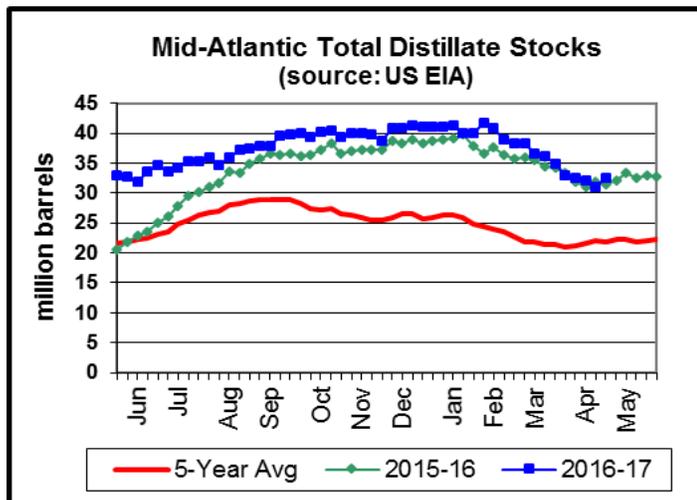
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (82) was 2.5% above the year-ago level of (80) and 21.9% below the normal trend (105). On a cumulative basis since October 1st, current year heating degree-days (5,133) are ahead of the year-ago level (4,924) by 4.2% and behind the normal trend (5,682) by 9.7%.

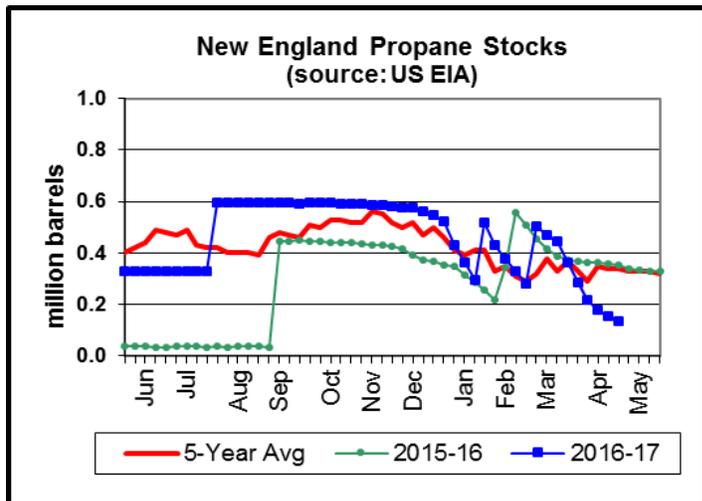
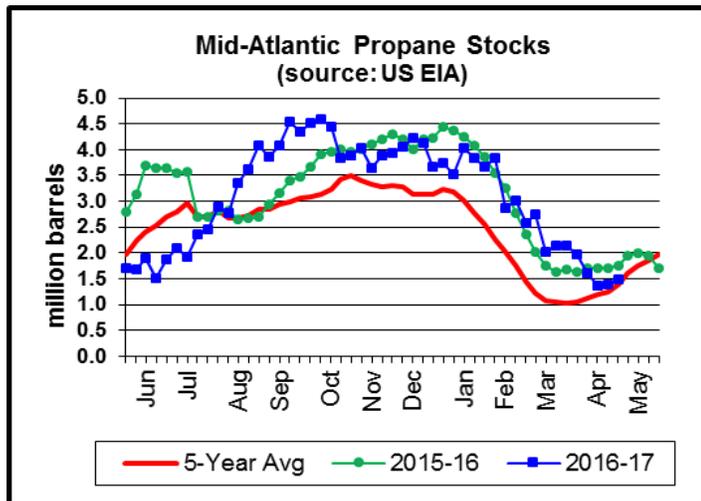
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending April 22			Cumulative From October 1		
	2017	2016	Normal	2016-17	2015-16	Normal
Albany	82	81	114	5,480	5,059	5,971
Binghamton	102	81	134	6,047	5,559	6,519
Buffalo	101	68	129	5,211	5,164	6,105
Glens Falls	98	96	131	5,926	5,640	6,845
Massena	124	121	142	6,525	6,549	7,393
NYC	56	39	84	3,643	3,463	4,527
Rochester	96	88	126	5,183	5,158	6,124
Syracuse	98	82	126	5,643	5,358	6,217
Watertown	124	122	142	6,077	6,019	6,919
Statewide	82	80	105	5,133	4,924	5,682



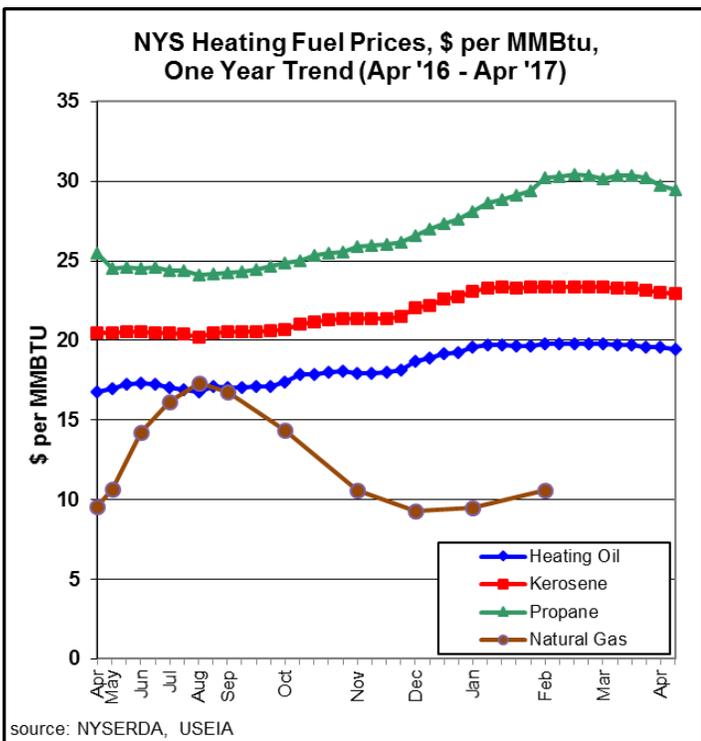
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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

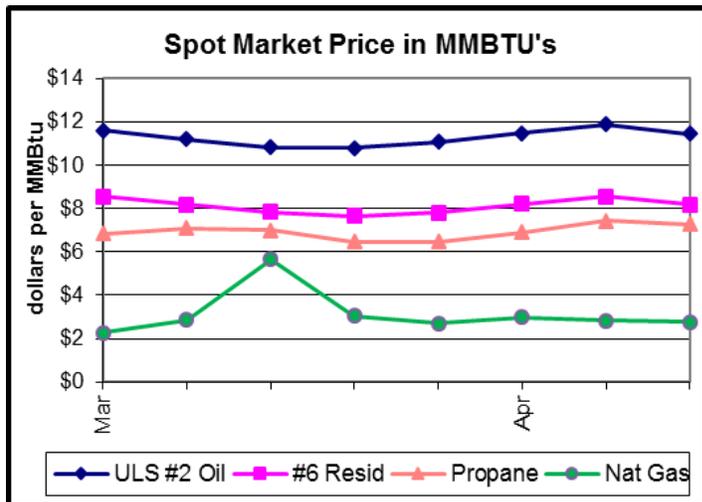


Retail Btu Price Equivalents—The New York State Heating Fuel Prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



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	4/21/2017	Year Ago	% Change
Ultra LS Diesel	1.588	1.294	22.7%
#2 Fuel Oil	1.530	1.231	24.2%
#6 Residual 0.3%	1.224	0.840	45.7%
Propane	0.664	0.458	44.9%
Natural Gas	2.774	1.381	100.9%

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@nyserdera.ny.gov.