

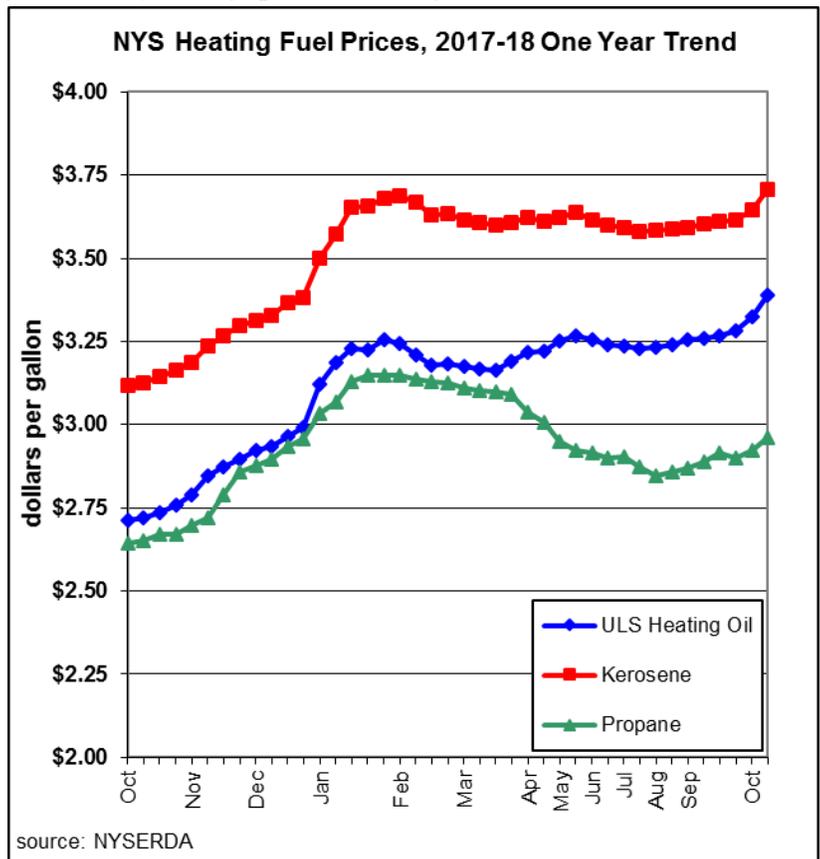
Highlights

- The weekly average WTI crude oil spot price increased by \$2.29 per barrel (3.1%) to \$75.13 per barrel since last week, the highest weekly average price since November 2014.
- Mid-Atlantic propane stocks increased by 403,000 barrels (6.8%) since last week to a record level of 6.296 million barrels. Inventories are 61.0% above last year’s level and 70.5% above the 5-year average.
- New York Statewide average retail prices of ultra-low sulfur (ULS) heating oil, kerosene, and propane all increased since the last survey. This is the highest weekly average price of heating oil since December 2014.

Retail Petroleum Prices—On a statewide basis since the last survey on October 1st, prices increased \$0.066/gallon (2.0%) to \$3.390/gallon for ULS heating oil, \$0.061/gallon (1.7%) to \$3.707/gallon for kerosene, and \$0.038/gallon (1.3%) to \$2.960/gallon for propane. Compared to a year earlier, prices increased \$0.679/gallon (25.0%) for heating oil, \$0.588/gallon (18.9%) for kerosene and \$0.317/gallon (12.0%) for propane.

Crude Oil Prices—For the week ending 10/5/18, WTI crude oil spot prices averaged \$75.13/bbl, an increase of \$2.29/bbl (3.1%) from the week-ago average of \$72.84/bbl. WTI prices are now \$24.90/bbl (49.6%) above the year-ago weekly average of \$50.23/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 10/5/18, Henry Hub natural gas spot prices averaged \$3.206 per million Btu (mmBtu), an increase of \$0.134/mmBtu (4.4%) from the prior week level of \$3.072/mmBtu. Prices are currently \$0.372/mmBtu (13.1%) above the year-earlier weekly average of \$2.834/mmBtu.



Residential Natural Gas Prices—The NYS average price in July 2018 was \$1.947/therm, an increase of \$0.077/therm (4.1%) from the June 2018 price of \$1.870/therm, and was \$0.095/therm (5.1%) higher than the year earlier average of \$1.852/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	10/5/2018	9/28/2018	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	20.6	20.8	-0.9%	23.2	-11.1%	24.2	-15.0%
Non-road Diesel (15-500 ppm)	0.6	0.9	-31.6%	0.8	-28.0%	1.3	-53.2%
High Sulfur Distillate (>500 ppm)	1.9	1.9	2.4%	2.8	-31.4%	4.3	-55.4%
Total Distillate Oil	23.1	23.6	-1.8%	26.8	-13.7%	29.8	-22.5%
Propane	6.296	5.893	6.8%	3.910	61.0%	3.692	70.5%
#6 Residual Oil	4.6	4.6	0.7%	5.4	-14.3%	6.1	-24.7%
US Natural Gas	2,956	2,866	3.1%	3,583	-17.5%	3,563	-17.0%
US Crude Oil	410.0	404.0	1.5%	462.2	-11.3%	411.5	-0.4%

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	10/8/2018	10/1/2018	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	3.600	3.548	1.5%	2.905	23.9%
New York City	3.484	3.459	0.7%	2.857	21.9%
Lower Hudson	3.569	3.491	2.2%	2.811	27.0%
Upper Hudson	3.281	3.211	2.2%	2.619	25.3%
Capital District	3.101	3.062	1.3%	2.552	21.5%
North Country	3.219	3.134	2.7%	2.518	27.8%
Central	3.240	3.108	4.2%	2.517	28.7%
Western	3.396	3.335	1.8%	2.691	26.2%
Statewide	3.390	3.324	2.0%	2.711	25.0%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island*	3.270	3.270	0.0%	3.160	3.5%
Mid-Hudson	2.960	2.928	1.1%	2.611	13.4%
Capital District*	2.872	2.847	0.9%	2.692	6.7%
North Country*	3.689	3.639	1.4%	3.262	13.1%
Central	2.719	2.678	1.5%	2.360	15.2%
Western	2.610	2.556	2.1%	2.295	13.7%
Statewide*	2.960	2.922	1.3%	2.643	12.0%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.805	3.782	0.6%	3.248	17.1%
Capital District	3.534	3.500	1.0%	3.023	16.9%
North Country	3.692	3.608	2.3%	3.125	18.1%
Central	3.684	3.544	4.0%	3.000	22.8%
Western	3.743	3.688	1.5%	3.078	21.6%
Statewide	3.707	3.646	1.7%	3.119	18.9%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	July 2018	June 2018	% Change vs. Prior Month	July 2017	% Change vs. Last Year
Statewide	1.947	1.870	4.1%	1.852	5.1%

* Revision

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

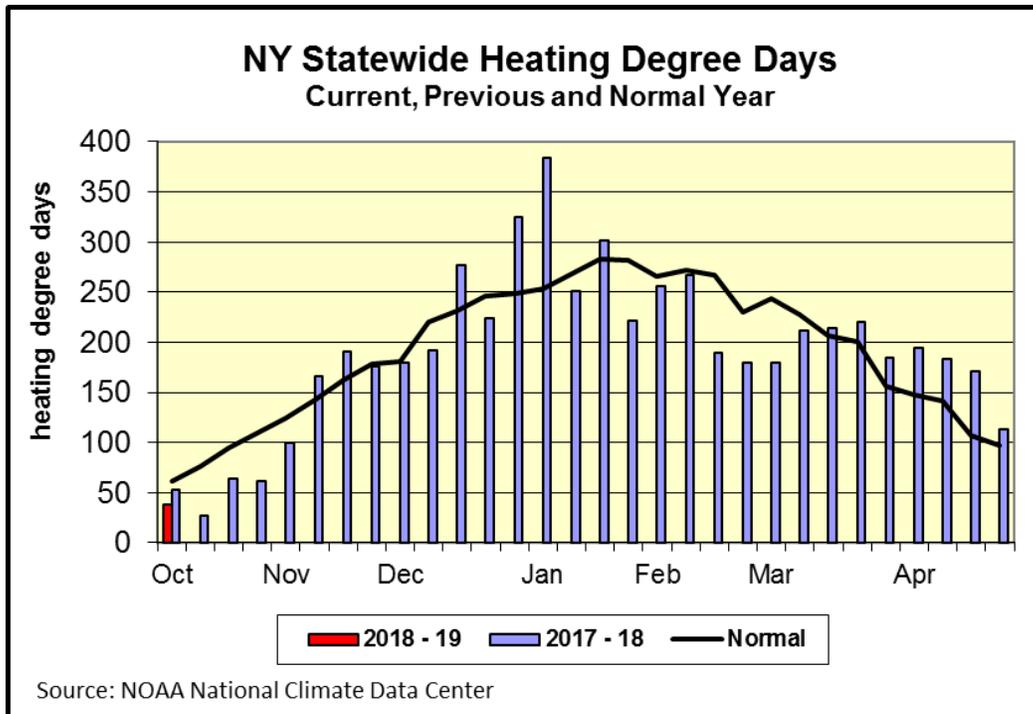
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

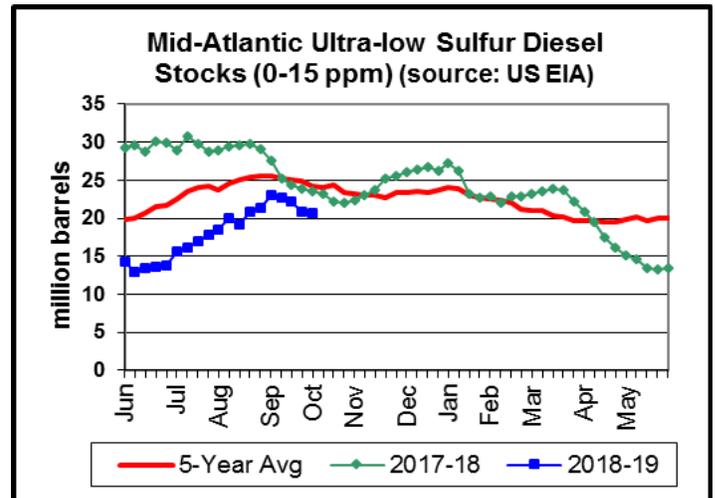
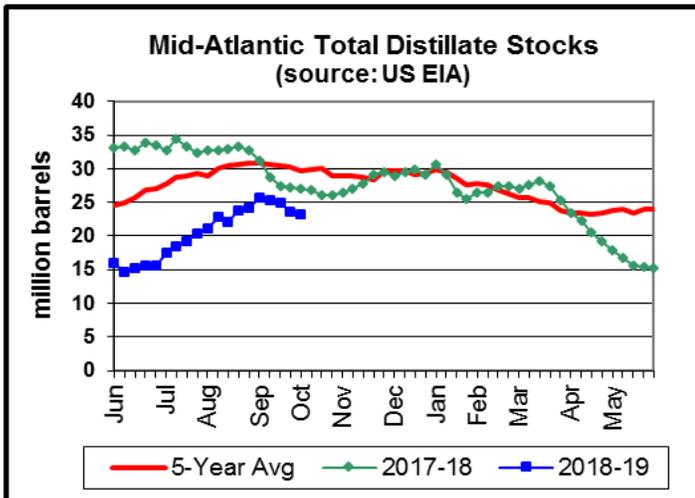
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton Montgomery, Rensselaer, 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 (38) was 28.3% below the year-ago level (53) and 37.7% below the normal trend (61).

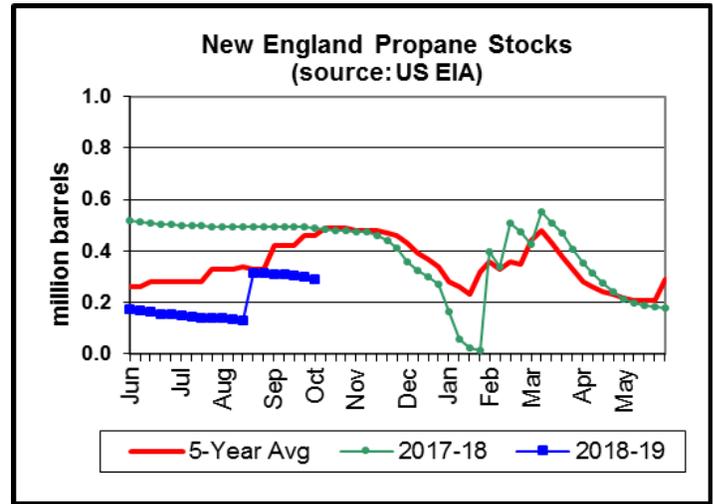
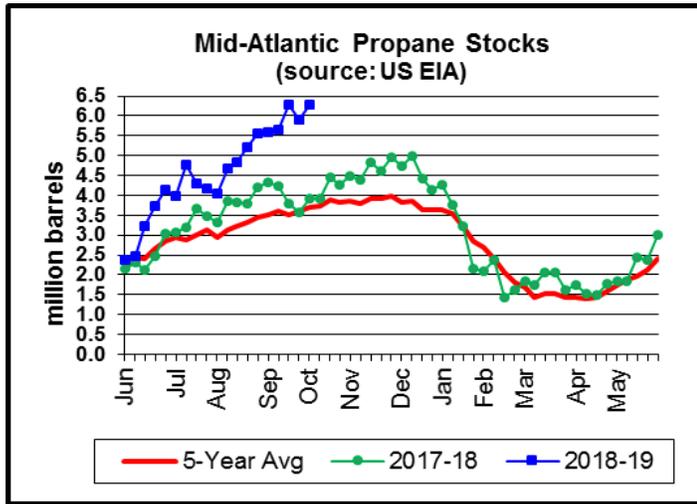
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending October 06			Cumulative From October 1		
	2018	2017	Normal	2018-19	2017-18	Normal
Albany	56	60	70	56	60	70
Binghamton	61	62	84	61	62	84
Buffalo	54	39	68	54	39	68
Glens Falls	80	89	90	80	89	90
Massena	99	66	92	99	66	92
NYC	0	8	31	0	8	31
Rochester	52	43	70	52	43	70
Syracuse	59	54	72	59	54	72
Watertown	90	73	89	90	73	89
State wide	38	53	61	38	53	61



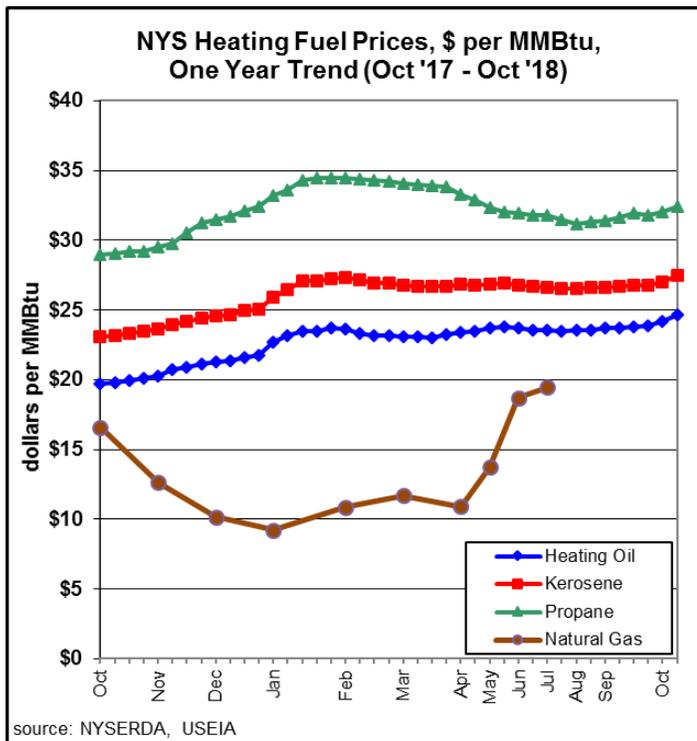
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



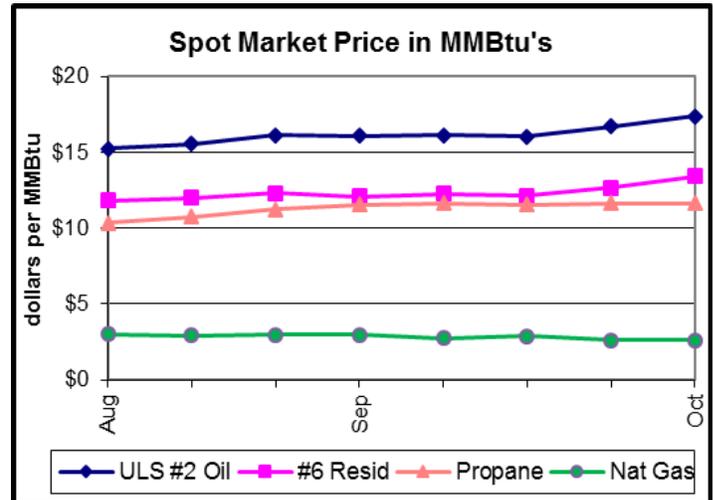
Propane Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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 Citygate natural gas price on a dollar per million Btu (MMBtu) basis.



New York Spot Prices, Weekly Average			
Fuel	10/5/2018	Year Ago	% Change
Ultra LS Diesel	2.406	1.764	36.4%
#2 Fuel Oil	2.384	1.689	41.1%
#6 Residual 0.3%	2.006	1.293	55.1%
Propane	1.063	0.905	17.4%
Natural Gas	2.609	2.020	29.2%

Note: Fuel in \$/gallon, natural gas (\$/MMBtu)=NYCitygate

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

Additional historic **regional specific prices and supply information** is available at NYSERDA's website. For more information please contact Matthew Milford at (518) 862-1090 ext. 3416, e-mail matthew.milford@nyserdera.ny.gov.