

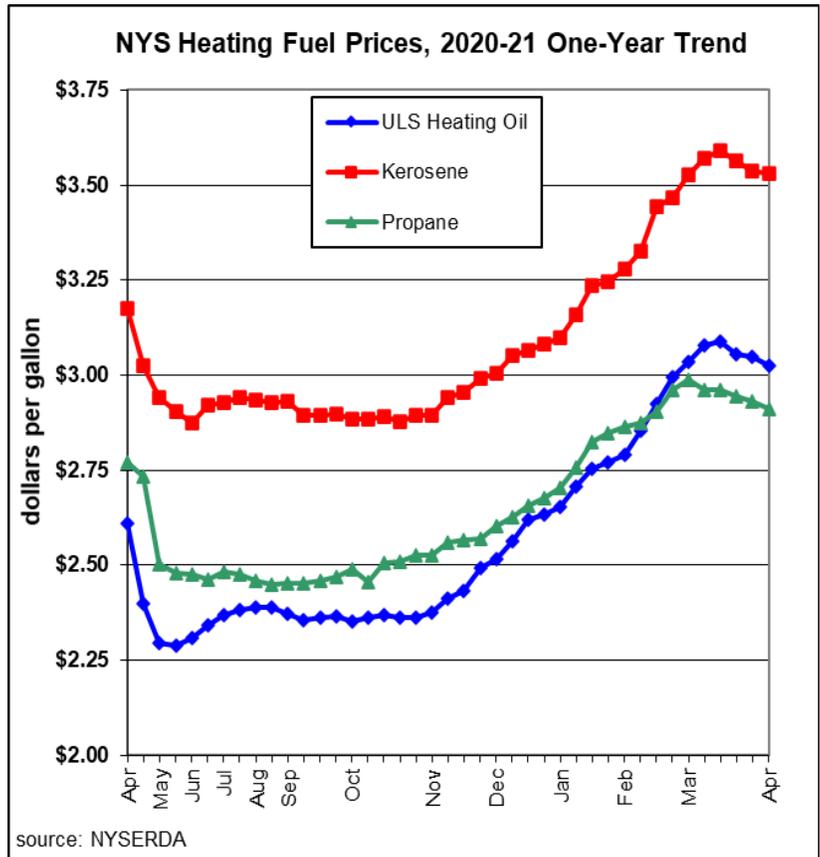
Highlights

- For the week ending April 10th, New York Statewide heating degree-days (96) were less than last year (122) by 21.3% and less than the 30-year normal (146) by 34.2%.
- Mid-Atlantic ultra-low sulfur (ULS) distillate inventories decreased 0.7 million barrels (3.0%) since last week to 20.9 million barrels. Inventories are 45.2% above the year-ago level and 0.4% below the 5-year average.
- 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 March 29th, prices decreased \$0.021/gallon (0.7%) to \$3.026/gallon for ULS heating oil, \$0.005/gallon (0.1%) to \$3.531/gallon for kerosene, and \$0.022/gallon (0.8%) to \$2.911/gallon for propane. Compared to a year earlier, prices increased \$0.415/gallon (15.9%) for heating oil, \$0.354/gallon (11.1%) for kerosene, and \$0.140/gallon (5.1%) for propane.

Crude Oil Prices—For the week ending 4/9/2021, WTI crude oil spot prices averaged \$59.35/bbl, a decrease of \$1.31/bbl (2.2%) from the week-ago average of \$60.66/bbl. WTI prices are now \$34.94/bbl (143.1%) above the year-ago weekly average of \$24.41/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 4/9/2021, Henry Hub natural gas spot prices averaged \$2.388 per million Btu (mmBtu), a decrease of \$0.097/mmBtu (3.9%) from the prior week level of \$2.485/mmBtu. Prices are currently \$0.671/mmBtu (39.0%) above the year-earlier weekly average of \$1.718/mmBtu.



Residential Natural Gas Prices—The NYS average price in January 2021 was \$1.086/therm, a decrease of \$0.092/therm (7.8%) from the December 2020 price of \$1.178/therm, and was \$0.017/therm (1.5%) lower than the year earlier average of \$1.103/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	4/9/2021	4/2/2021	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	20.9	21.6	-3.0%	14.4	45.2%	21.0	-0.4%
Non-road Diesel (15-500 ppm)	0.4	0.5	-10.0%	0.9	-52.4%	0.8	-44.5%
High Sulfur Distillate (>500 ppm)	2.1	1.9	10.8%	1.6	27.8%	2.7	-23.9%
Total Distillate Oil	23.4	23.9	-2.0%	16.9	38.4%	24.5	-4.4%
Propane	2.274	2.742	-17.1%	1.934	17.6%	1.889	20.4%
#6 Residual Oil	4.7	4.8	-1.5%	6.3	-25.1%	6.0	-21.5%
US Natural Gas	1,845	1,784	3.4%	2,087	-11.6%	1,834	0.6%
US Crude Oil	492.4	498.3	-1.2%	503.6	-2.2%	485.2	1.5%

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 (dollars per gallon)					
REGION	4/12/2021	3/29/2021	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	3.152	3.168	-0.5%	2.768	13.9%
New York City	3.180	3.176	0.1%	2.662	19.5%
Lower Hudson	3.033	3.074	-1.3%	2.416	25.5%
Upper Hudson	3.012	3.052	-1.3%	2.463	22.3%
Capital District	2.789	2.794	-0.2%	2.412	15.6%
North Country	2.922	2.924	-0.1%	2.784	4.9%
Central	2.724	2.767	-1.6%	2.434	11.9%
Western	3.318	3.334	-0.5%	3.035	9.3%
Statewide	3.026	3.047	-0.7%	2.611	15.9%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.379	3.379	0.0%	3.090	9.3%
Mid-Hudson	3.067	3.072	-0.1%	2.718	12.9%
Capital District	2.792	2.787	0.2%	2.690	3.8%
North Country*	3.141	3.166	-0.8%	3.457	-9.1%
Central	2.708	2.771	-2.3%	2.497	8.4%
Western	2.712	2.727	-0.5%	2.540	6.8%
Statewide	2.911	2.933	-0.8%	2.771	5.0%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.718	3.674	1.2%	3.189	16.6%
Capital District	3.369	3.357	0.4%	3.009	12.0%
North Country	3.515	3.533	-0.5%	3.330	5.5%
Central	3.217	3.314	-2.9%	2.959	8.7%
Western	3.760	3.760	0.0%	3.499	7.5%
Statewide	3.531	3.536	-0.1%	3.177	11.1%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	January 2021	December 2020	% Change vs. Prior Month	January 2020	% Change vs. Last Year
Statewide	1.086	1.178	-7.8%	1.103	-1.5%

* Revision

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

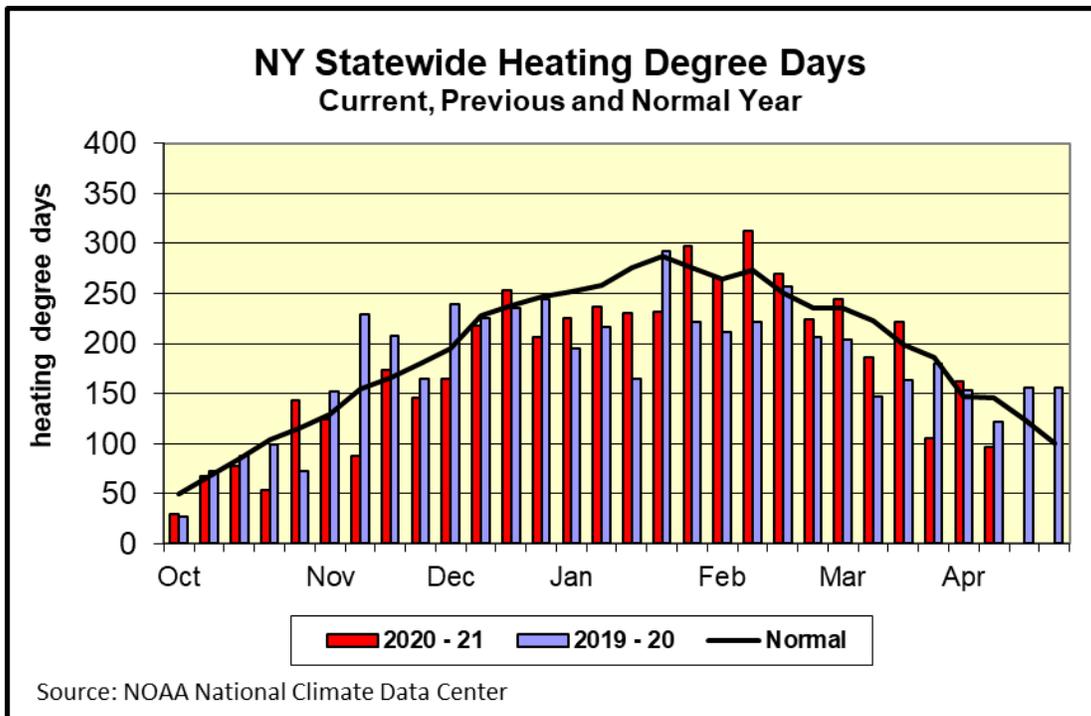
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

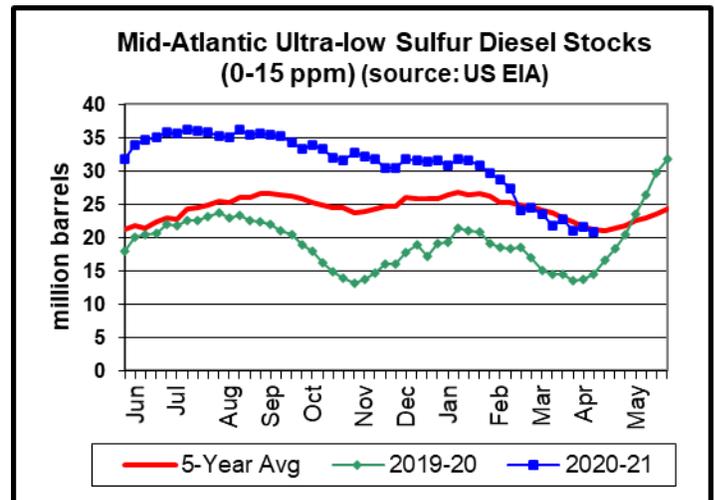
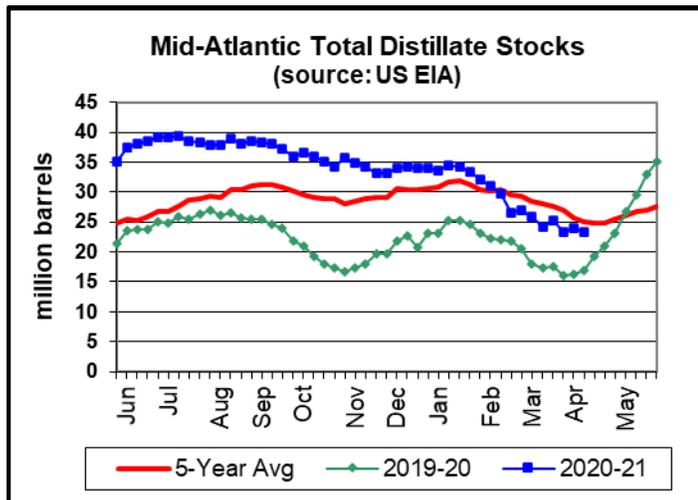
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton, Montgomery, Rensselaer, 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. B5 heating oil is required for Downstate New York including Nassau, Suffolk, NYC, and Westchester counties.

Heating Degree Days— On a statewide basis during the past week, the number of heating degree-days (96) was 21.3% below the year-ago level (122) and 34.2% below the normal trend (146). On a cumulative basis since October 1st, current year heating degree-days (5,053) are ahead of the year-ago level (5,010) by 0.9% and behind the normal trend (5,469) by 7.6%.

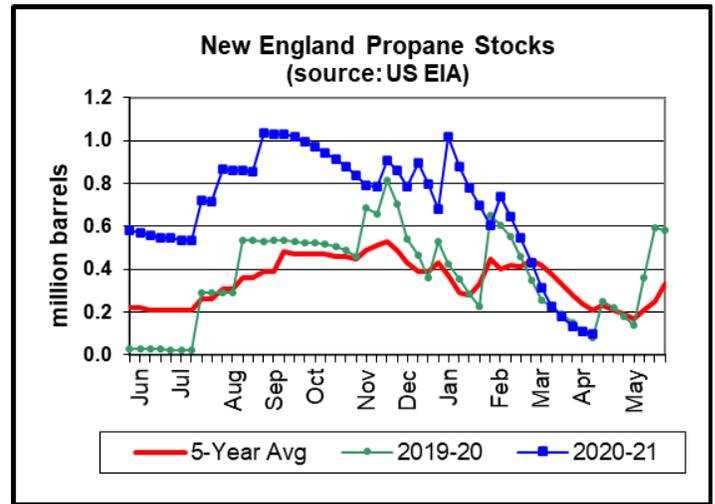
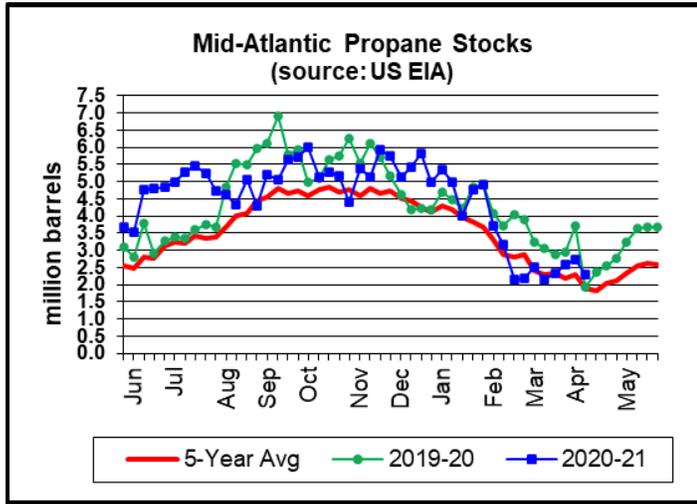
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending April 10			Cumulative From October 1		
	2021	2020	Normal	2020-21	2019-20	Normal
Albany	88	99	145	5,818	5,146	5,750
Binghamton	85	140	168	5,784	5,811	6,258
Buffalo	55	139	161	5,089	5,188	5,857
Glens Falls	34	124	165	4,629	6,123	6,588
Massena	98	159	180	6,444	6,614	7,115
NYC	52	73	110	3,680	3,732	4,368
Rochester	79	146	158	5,295	5,371	5,881
Syracuse	71	125	158	5,243	5,358	5,973
Watertown	109	161	176	6,033	6,075	6,643
Statewide	96	122	146	5,053	5,010	5,469



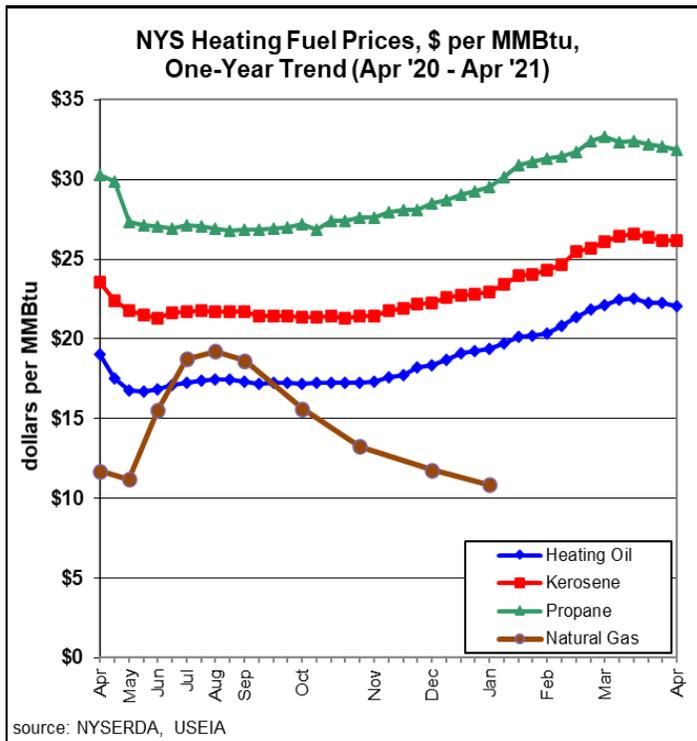
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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

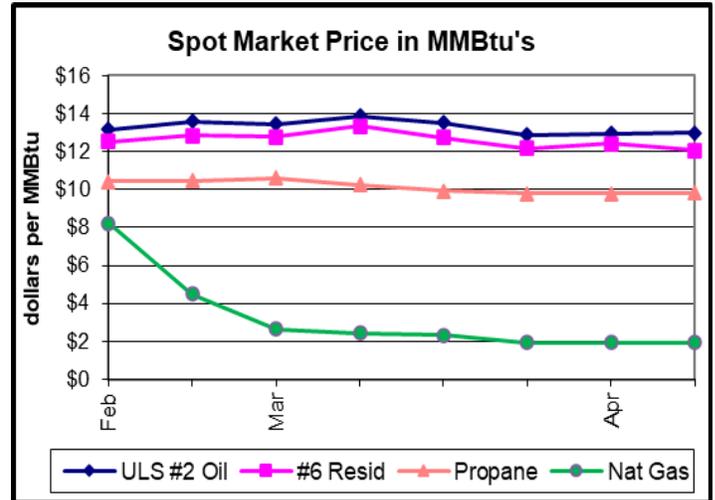


Retail Btu Price Equivalents—The New York State heating fuel prices Btu graph equates the retail price for New York Statewide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



Note: Natural gas prices are from the U.S. EIA and provided on a monthly basis and delayed by 3 months. The monthly average price of natural gas is higher during the summer months due to low delivery volumes and fixed delivery charges and does not necessarily indicate a higher underlying supply price. Higher average natural gas prices in the summer months are not indicative of higher future prices during the winter 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 Belieu propane, and the New York City gate natural gas price on a dollar per million Btu (MMBtu) basis.



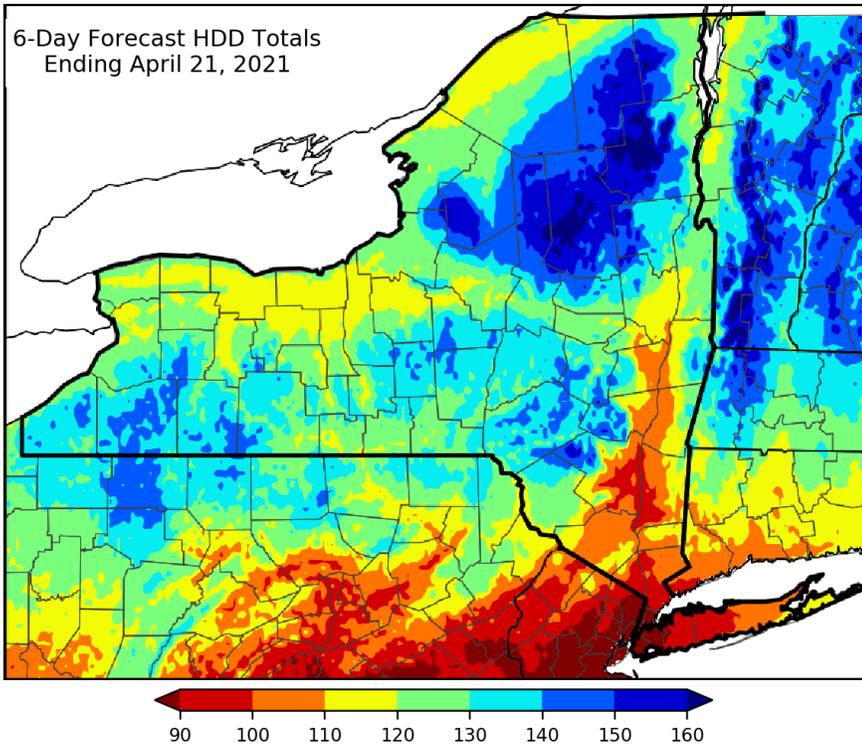
New York Spot Prices, Weekly Average			
Fuel	4/9/2021	Year Ago	% Change
Ultra LS Diesel	1.800	1.026	75.5%
#2 Fuel Oil	1.649	0.999	65.1%
#6 Residual 0.3%	1.806	0.909	98.6%
Propane	0.897	0.298	200.9%
Natural Gas	1.954	1.387	40.9%

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

Weather Outlooks – Based on data and maps provided by the National Oceanic and Atmospheric Administration (NOAA) and the Northeast Regional Climate Center at Cornell University (NRCC).

Statewide Forecast HDD: On a statewide basis for the week ending April 17th, the number of forecasted heating degree-days (110) is 22.0% below last year (141) and 13.4% below the normal trend (127). Regional HDD forecasts are provided in the map and table below.

Regional Heating Degree-Day Forecast

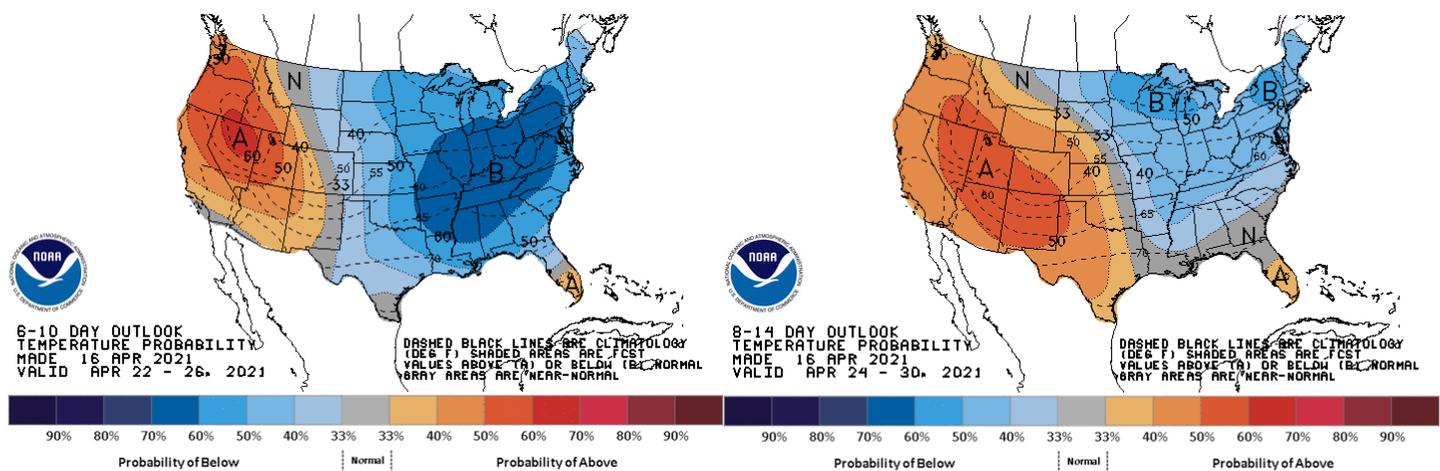


Period	Forecast Period: 4/16/2021-4/21/2021		
City	6-Day Forecast	Last Year	Normal
Albany	118	135	96
Binghamton	132	171	113
Buffalo	121	161	107
Glens Falls	123	160	114
Massena	124	173	120
NYC	84	98	69
Rochester	118	163	105
Syracuse	117	147	101
Watertown	130	162	119

Source: NOAA, Northeast Regional Climate Center at Cornell University (NRCC)

6-10 Day Outlook Temperature Probability from the Climate Prediction Center (NOAA). The forecasted map presents the 6-10 day temperature probability outlook for the United States for April 22, 2021 – April 26, 2021. This is in comparison to the 30-year normal (1981-2010).

8-14 Day Outlook Temperature Probability from the Climate Prediction Center (NOAA). The forecasted map presents the 8-14 day temperature probability outlook for the United States for April 24, 2021 – April 30, 2021. This is in comparison to the 30-year normal (1981-2010).



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@nysERDA.ny.gov.