

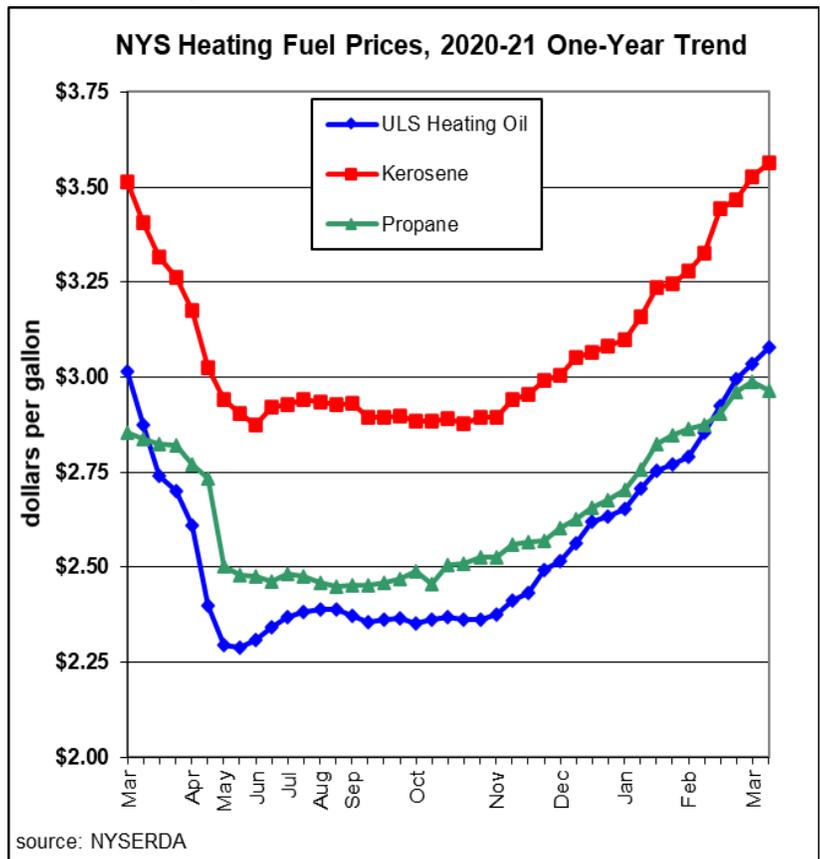
Highlights

- For the week ending March 6th, New York Statewide heating degree-days (244) were more than last year (204) by 19.6% and more than the 30-year normal (235) by 3.8%.
- Mid-Atlantic ultra-low sulfur (ULS) distillate inventories decreased 0.9 million barrels (3.6%) since last week to 23.6 million barrels. Inventories are 56.3% above the year-ago level and 1.3% below the 5-year average.
- New York Statewide average retail prices of ultra-low sulfur (ULS) heating oil and kerosene increased while the average retail price of propane decreased since the last survey.

Retail Petroleum Prices—On a statewide basis since the last survey on March 1st, prices increased \$0.043/gallon (1.4%) to \$3.078/gallon for ULS heating oil, \$0.036/gallon (1.0%) to \$3.564/gallon for kerosene and the price decreased \$0.025/gallon (0.8%) to \$2.964/gallon for propane. Compared to a year earlier, prices increased \$0.064/gallon (2.1%) for heating oil, \$0.049/gallon (1.4%) for kerosene, and \$0.109/gallon (3.8%) for propane.

Crude Oil Prices—For the week ending 3/5/2021, WTI crude oil spot prices averaged \$62.29/bbl, a decrease of \$0.01/bbl (0.0%) from the week-ago average of \$62.30/bbl. WTI prices are now \$16.72/bbl (36.7%) above the year-ago weekly average of \$45.57/bbl. The all-time weekly average high of \$142.52/bbl occurred on 7/04/08.

Spot Natural Gas Prices—For the week ending 3/5/2021, Henry Hub natural gas spot prices averaged \$2.762 per million Btu (mmBtu), an increase of \$0.005/mmBtu (0.2%) from the prior week level of \$2.757/mmBtu. Prices are currently \$1.002/mmBtu (56.9%) above the year-earlier weekly average of \$1.760/mmBtu.



Residential Natural Gas Prices—The NYS average price in December 2020 was \$1.178/therm, a decrease of \$0.148/therm (11.2%) from the November 2020 price of \$1.326/therm, and was \$0.137/therm (13.2%) higher than the year earlier average of \$1.041/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	3/5/2021	2/26/2021	% Change vs. Last Week	Year Ago	% Change vs. Last Year	5-Year Average	% Change vs. 5-Year Avg
ULS Distillate (0-15 ppm)	23.6	24.5	-3.6%	15.1	56.3%	23.9	-1.3%
Non-road Diesel (15-500 ppm)	0.7	0.7	-5.5%	1.0	-35.4%	1.0	-33.6%
High Sulfur Distillate (>500 ppm)	1.6	1.7	-3.0%	1.8	-8.7%	3.2	-48.7%
Total Distillate Oil	25.9	26.9	-3.6%	18.0	44.4%	28.1	-7.9%
Propane	2,516	2,189	14.9%	3,223	-21.9%	2,389	5.3%
#6 Residual Oil	4.3	4.7	-9.0%	6.4	-33.9%	6.2	-31.6%
US Natural Gas	1,793	1,845	-2.8%	2,050	-12.5%	1,934	-7.3%
US Crude Oil	498.4	484.6	2.8%	451.8	10.3%	469.2	6.2%

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	3/8/2021	3/1/2021	% Change vs. Prior Survey	Year Ago	% Change vs. Last Year
Long Island	3.224	3.178	1.4%	3.170	1.7%
New York City	3.203	3.154	1.6%	3.002	6.7%
Lower Hudson	3.113	3.082	1.0%	2.909	7.0%
Upper Hudson	3.031	2.964	2.3%	2.924	3.7%
Capital District	2.802	2.742	2.2%	2.800	0.1%
North Country	2.957	2.928	1.0%	3.164	-6.6%
Central	2.846	2.839	0.2%	2.826	0.7%
Western	3.341	3.301	1.2%	3.375	-1.0%
Statewide	3.078	3.035	1.4%	3.014	2.1%
New York State Retail Propane Posted Credit Prices - 1,100 gallon usage category (dollars per gallon)					
Long Island	3.367	3.356	0.3%	3.201	5.2%
Mid-Hudson	3.067	3.160	-2.9%	2.798	9.6%
Capital District	2.835	2.819	0.6%	2.704	4.8%
North Country	3.213	3.238	-0.8%	3.618	-11.2%
Central*	2.840	2.852	-0.4%	2.603	9.1%
Western	2.740	2.742	-0.1%	2.573	6.5%
Statewide*	2.964	2.989	-0.9%	2.855	3.8%
New York State Retail Kerosene Posted Credit Prices (dollars per gallon)					
Mid-Hudson	3.664	3.628	1.0%	3.622	1.2%
Capital District	3.374	3.311	1.9%	3.226	4.6%
North Country	3.622	3.589	0.9%	3.619	0.1%
Central	3.385	3.385	0.0%	3.353	1.0%
Western	3.760	3.705	1.5%	3.738	0.6%
Statewide	3.564	3.528	1.0%	3.515	1.4%
New York State Average Residential Natural Gas Prices (\$/therm)					
REGION	December 2020	November 2020	% Change vs. Prior Month	December 2019	% Change vs. Last Year
Statewide	1.178	1.326	-11.2%	1.041	13.2%

* Revision

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

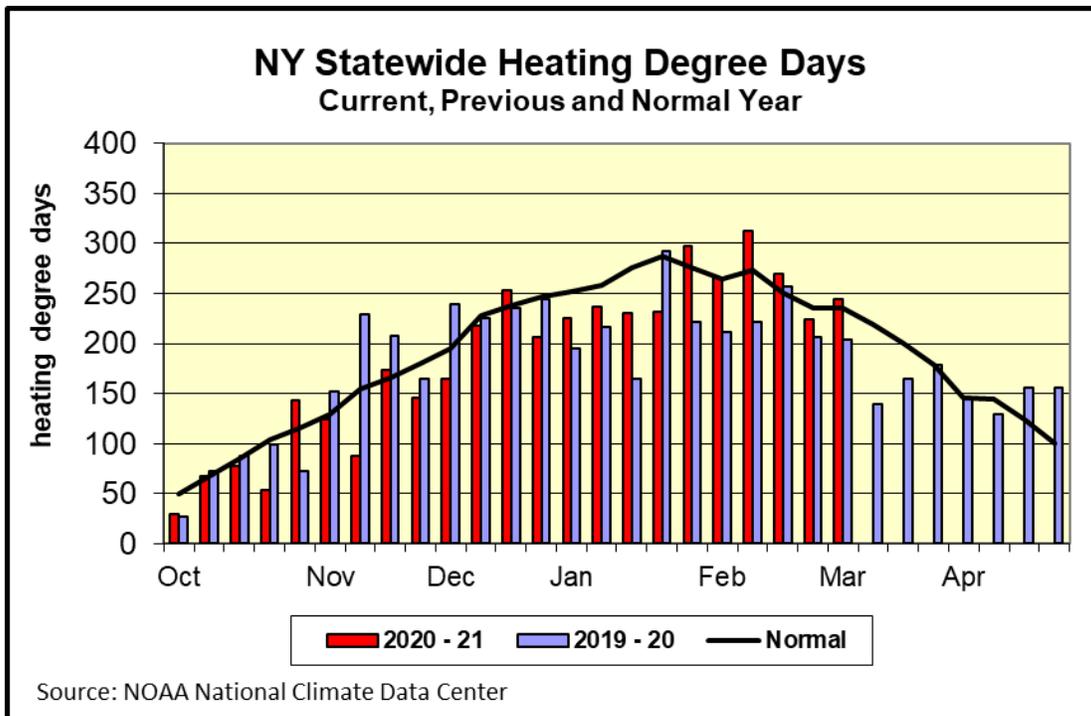
- Heating oil—highest price \$4.778/gallon on 7/14/08, lowest price \$0.876/gallon on 9/08/98.
- Propane—highest price \$3.811/gallon on 2/17/14, lowest price \$1.072/gallon on 9/20/99.
- Kerosene—highest price \$5.068/gallon on 7/14/08, lowest price \$1.309/gallon on 9/09/02.

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>.

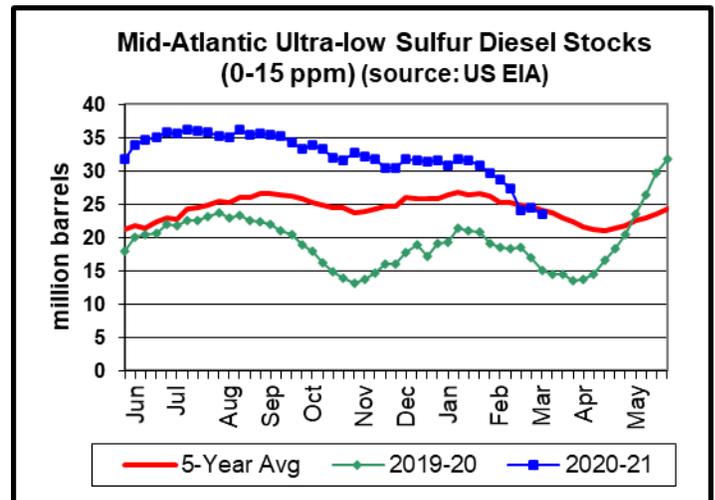
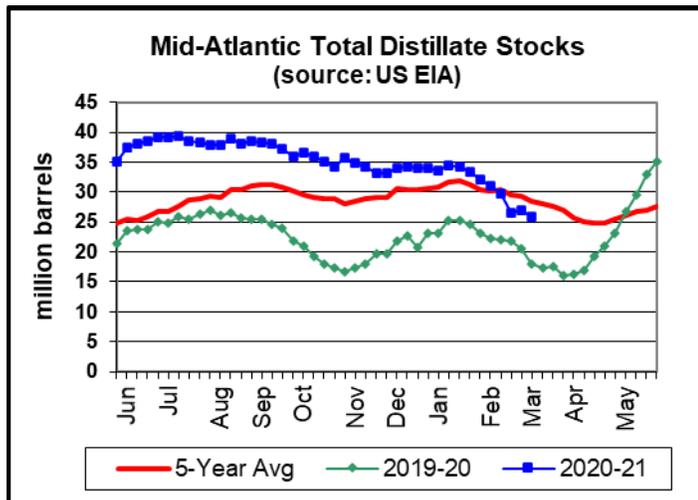
New York State Regions: *Long Island:* Nassau and Suffolk *New York City:* Bronx, Kings, New York, Queens, and Richmond *Lower Hudson:* Dutchess, Putnam, Rockland, and Westchester *Upper Hudson:* Columbia, Greene, Orange, Sullivan, and Ulster *Capital District:* Albany, Fulton, Montgomery, Rensselaer, 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. 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 (244) was 19.6% above the year-ago level (204) and 3.8% above the normal trend (235). On a cumulative basis since October 1st, current year heating degree-days (4,282) are ahead of the year-ago level (4,245) by 0.9% and behind the normal trend (4,568) by 6.3%.

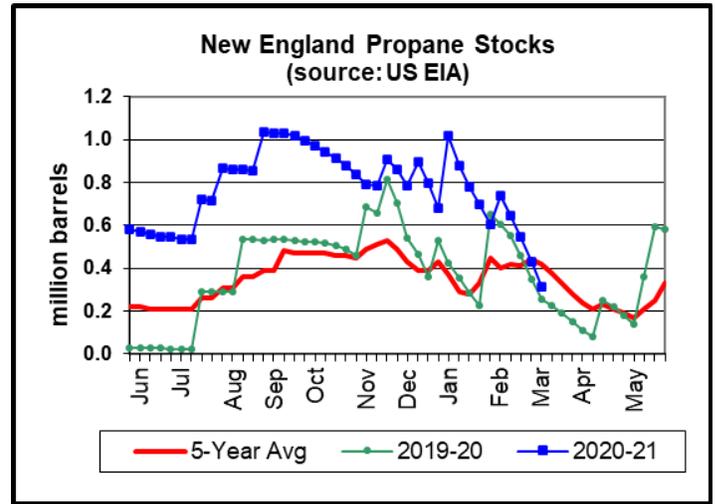
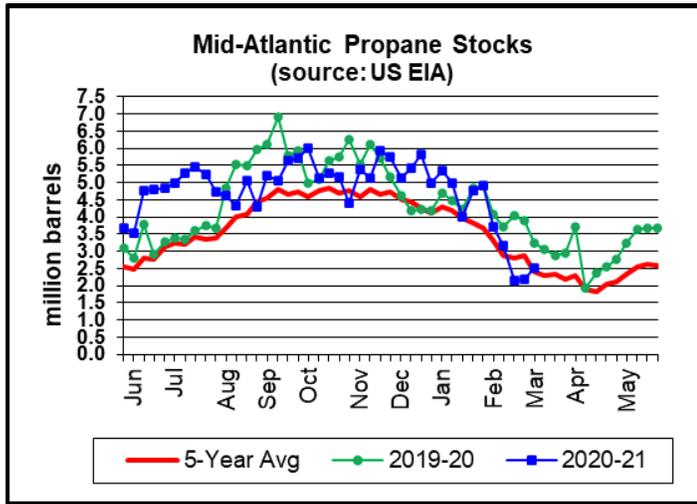
New York State Heating Degree Day Information, Weekly & Cumulative						
Region	Week Ending March 06			Cumulative From October 1		
	2021	2020	Normal	2020-21	2019-20	Normal
Albany	273	200	234	4,989	4,427	4,847
Binghamton	285	230	259	4,936	4,922	5,237
Buffalo	238	222	250	4,391	4,409	4,873
Glens Falls	228	239	266	4,058	5,227	5,562
Massena	311	268	294	5,500	5,629	5,979
NYC	200	155	189	3,120	3,190	3,653
Rochester	255	214	250	4,547	4,536	4,904
Syracuse	266	213	251	4,493	4,550	4,997
Watertown	288	262	277	5,137	5,149	5,559
Statewide	244	204	235	4,282	4,245	4,568



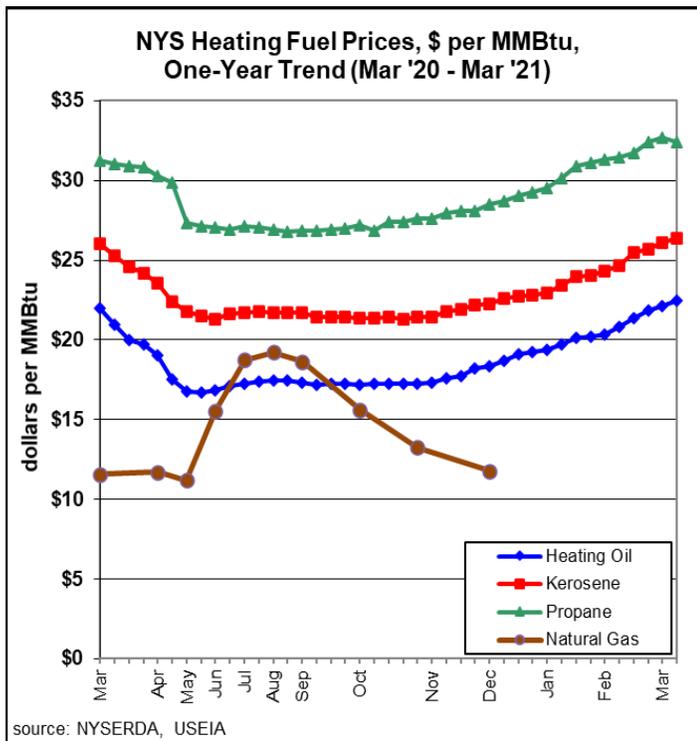
Distillate Stocks—Current and historic heating fuel inventory data is presented in the graphs below.



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



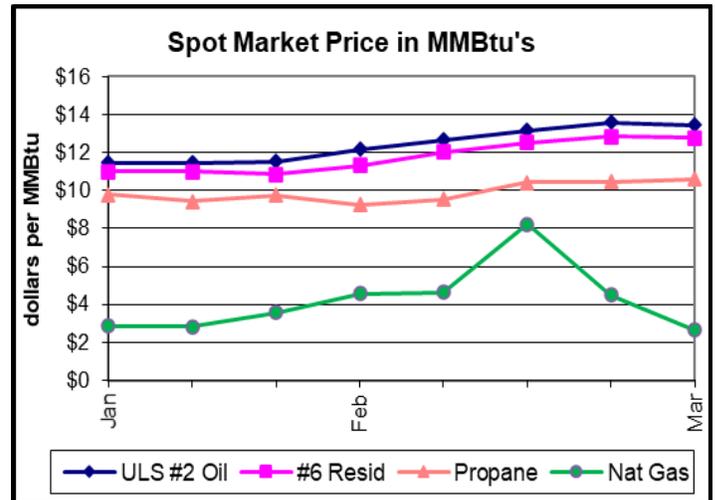
Retail Btu Price Equivalents—The New York State heating fuel prices Btu graph equates the retail price for New York State wide average residential ultra-low sulfur heating oil, kerosene, propane, and natural gas on a dollar per million Btu (MMBtu) basis.



source: NYSERDA, USEIA

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.



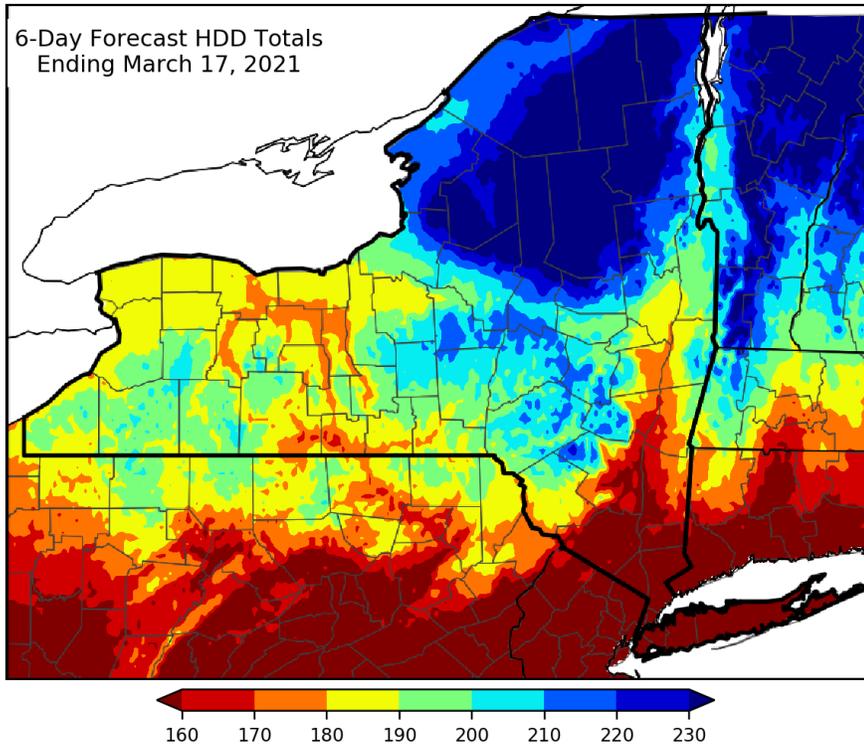
New York Spot Prices, Weekly Average			
Fuel	3/5/2021	Year Ago	% Change
Ultra LS Diesel	1.865	1.512	23.3%
#2 Fuel Oil	1.734	1.481	17.1%
#6 Residual 0.3%	1.914	1.413	35.4%
Propane	0.969	0.391	148.2%
Natural Gas	2.639	1.661	58.9%

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 March 13th, the number of forecasted heating degree-days (170) is 25.0% above last year (136) and 19.0% below the normal trend (210). Regional HDD forecasts are provided in the map and table below.

Regional Heating Degree-Day Forecast

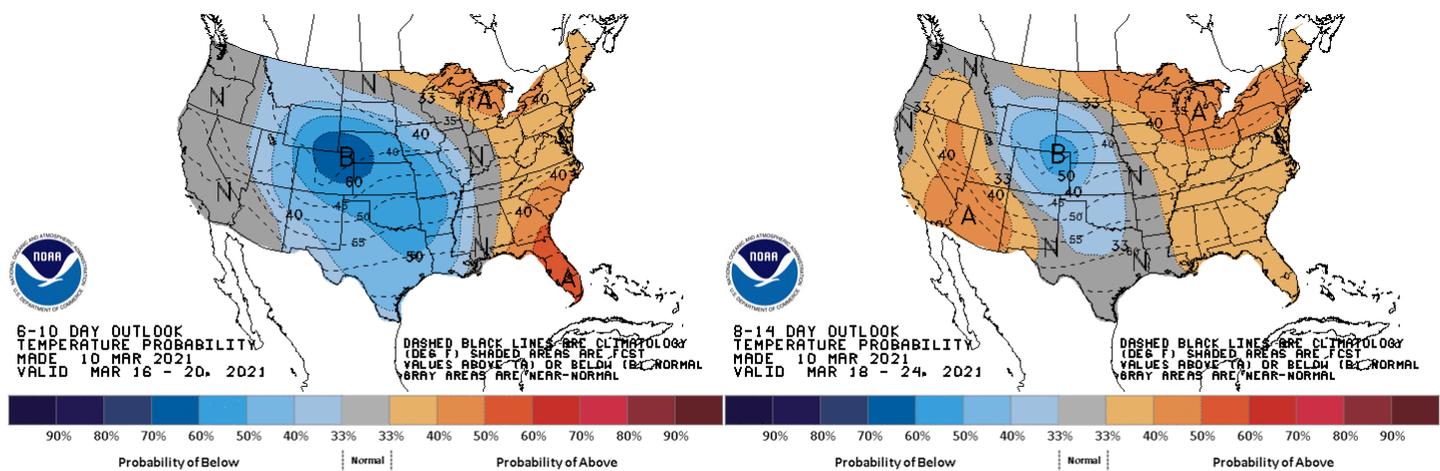


Period	Forecast Period: 3/12/2021-3/17/2021		
City	6-Day Forecast	Last Year	Normal
Albany	190	140	185
Binghamton	196	164	197
Buffalo	182	152	191
Glens Falls	195	164	206
Massena	235	188	228
NYC	128	102	141
Rochester	182	163	189
Syracuse	189	157	190
Watertown	219	175	211

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 March 16, 2021 – March 20, 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 March 18, 2021 – March 24, 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.