

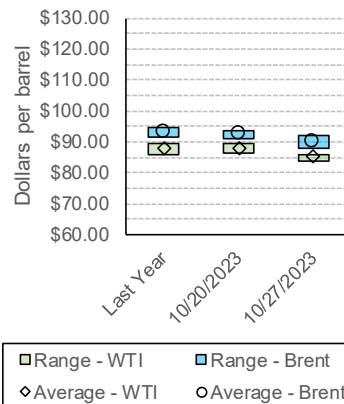
Overall Energy & Fuels Markets Summary

- << **SPECIAL NOTE TO READERS** >> U.S. Energy Information Administration (USEIA) has been performing system maintenance over this past week resulting in reporting delays for energy data (See [USEIA Press Release](#) for additional detail). These include many of the inventory and prices datasets relied on for this report.
 - Graphics and summaries that are dependent on USEIA datasets are unchanged from last week (dated 10/27/2023).
 - USEIA indicates that next week, their systems should be back online and updated, including the data that were not reported this week. The next issue of this report will include two weeks of data updates.
- Market influencers include:
 - Global factors include the Russian invasion of Ukraine and the war in Israel, including the associated geopolitical uncertainties.
 - Economic concerns related to higher interest rates, global demand for fuels products, and winter weather continue to drive the market.
- In New York/Northeast, National Oceanic and Atmospheric Administration (NOAA) forecasts for leaning above to above average temperatures over the next 6-14 days. The forecast for precipitation is projected to be below average over the next 6 -10 days, with a return to near normal in the eastern half of the state and leaning above average in Western NY, for the 8 -14 day outlook. (Page 6).
- NY retail prices (see pages 4 and 5) for heating and transportation fuels:
 - NY transportation regular gasoline and diesel both slightly decreased compared to the prior week.
 - Propane, kerosene and heating oil all decreased compared to the prior week.

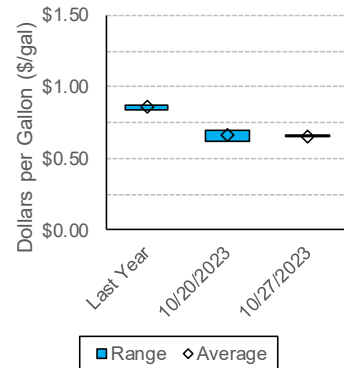
Note that these data are unchanged from last week due to USEIA system maintenance

Fundamental Fuels Market Weekly Price Summaries

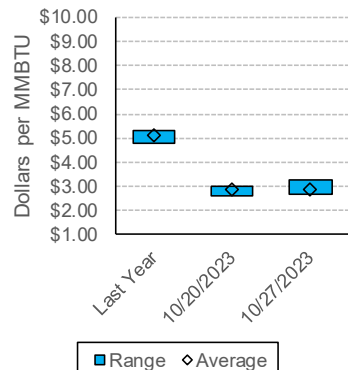
Crude Oil Spot Price



Propane Mt. Belvieu Spot Price



Natural Gas Henry Hub Spot Price



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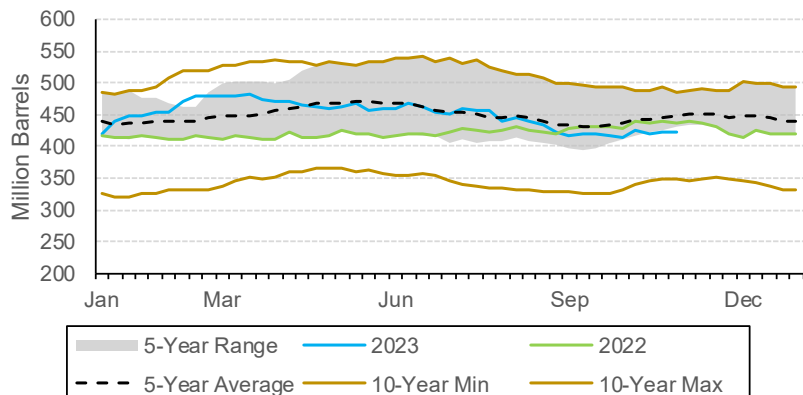
Note:

1. Data from USEIA, see references section for detailed citations. Visualizations by NYSERDA.
2. Graphics summarize available USEIA data from the most recent week ending on Fridays, noted by the date.

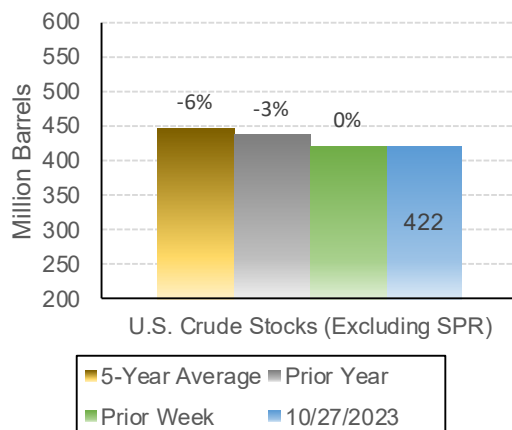
Note that these data are unchanged from last week due to USEIA system maintenance.

National Crude and East Region Natural Gas Inventories

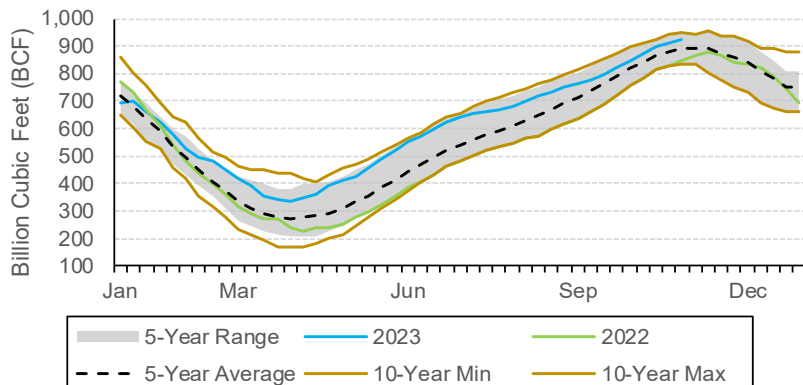
U.S. Crude Weekly Stocks (Excluding Strategic Petroleum Reserve)



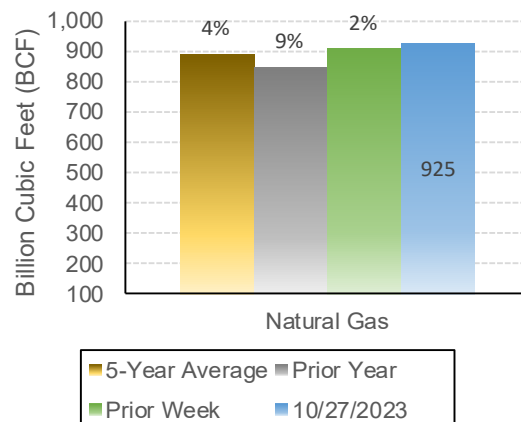
Historical Comparison



East Region: Natural Gas Working Underground Storage



Historical Comparison



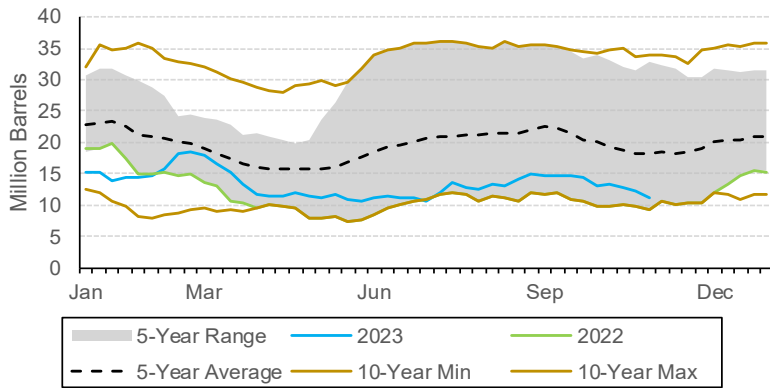
Note:

1. Data from USEIA, see references section for detailed citations. Visualizations by NYSERDA.
2. Graphics summarize available USEIA data from the most recent week ending on Fridays.
3. Historical comparison bar chart percentages reflect current week. Positive values indicate current week is greater, negative values indicate current week is less than the historical value.

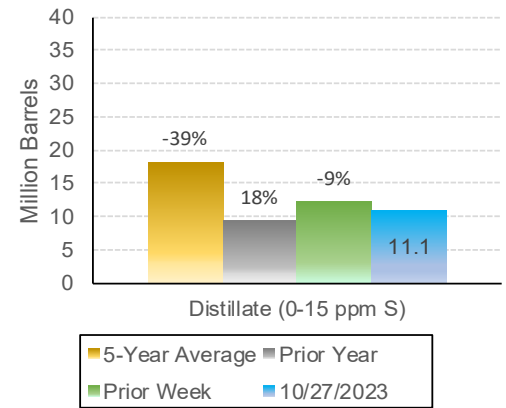
Note that these data are unchanged from last week due to USEIA system maintenance.

Regional Inventories: Select Liquid Fuels

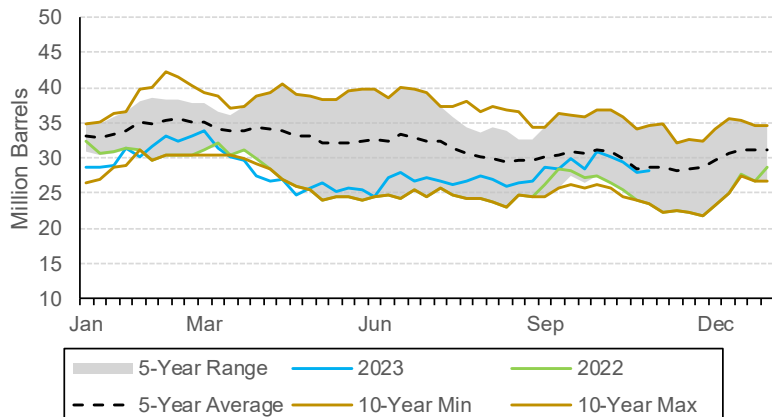
PADD 1B: Distillate (0 - 15 ppm S) Weekly Stocks



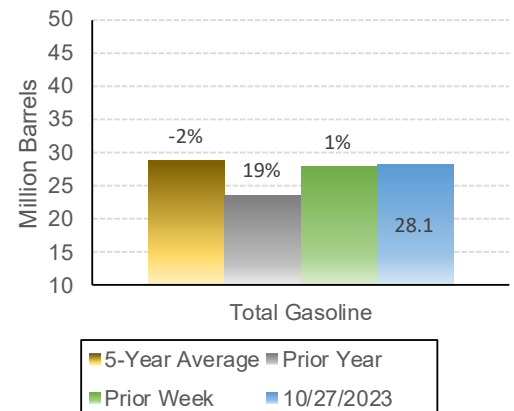
Historical Comparison



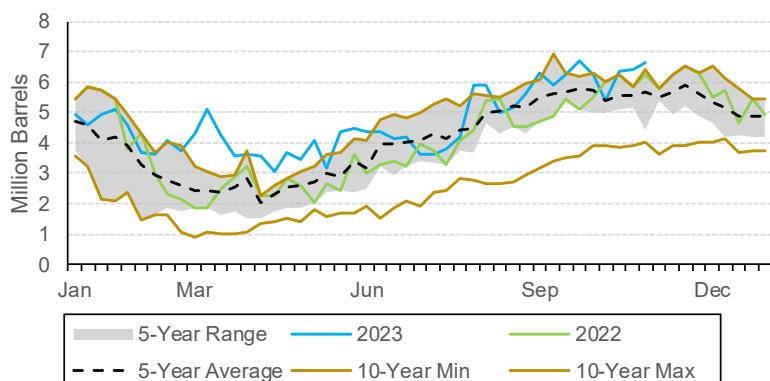
PADD 1B: Total Gasoline Weekly Stocks



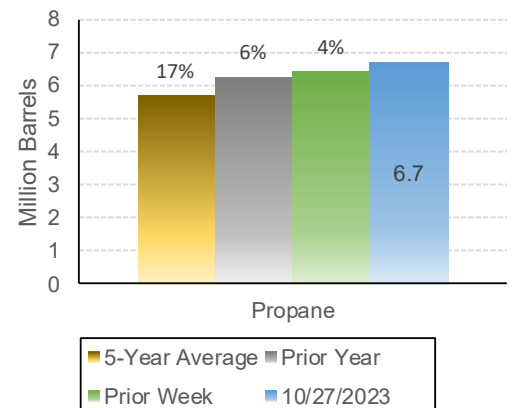
Historical Comparison



PADD 1B: Propane and Propylene Weekly Inventory



Historical Comparison

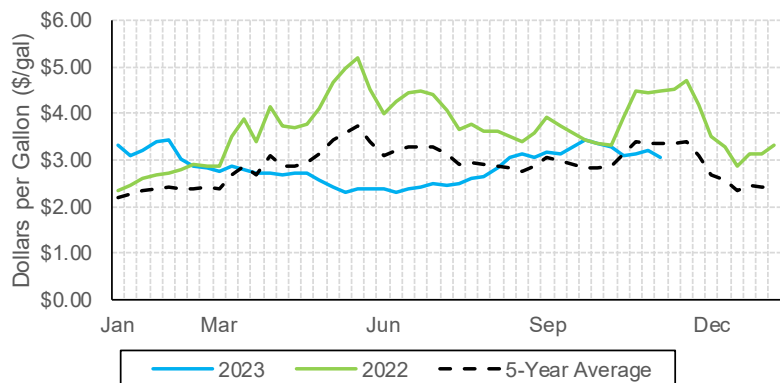


Notes:

1. Data from USEIA, see references section for detailed citations. Visualizations by NYSDERDA.
2. Historical comparison bar chart percentages reflect current week. Positive values indicate current week is greater, negative values indicate current week is less than the historical value.

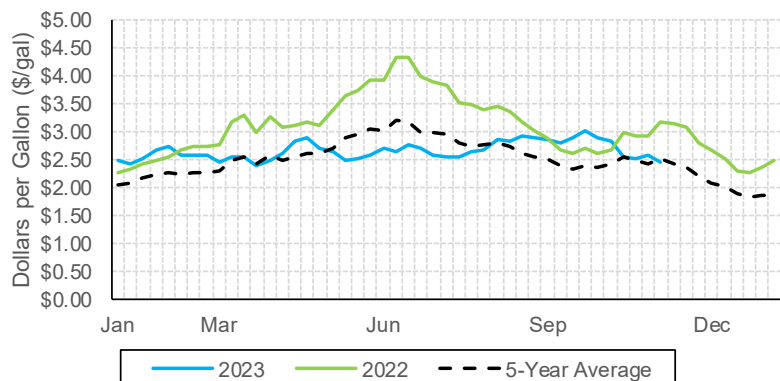
Transportation Fuel Prices Summary

*Ultra-low Sulfur Diesel New York Harbor
Average Weekly Spot Prices*



Note that these New York Harbor Spot Prices data are unchanged from last week due to USEIA system maintenance.

*Conventional Gasoline Average Weekly Spot
Prices New York Harbor*



For regional NYS retail price summaries for transportation fuels, visit the following NYSERDA resources:

[Transportation Fuel Dashboard](#)

Transportation fuels retail price summaries presented in this report and on the NYSERDA dashboards are collected by the Energy Markets team from AAA and USEIA as part of our ongoing fuels markets analyses and monitoring.

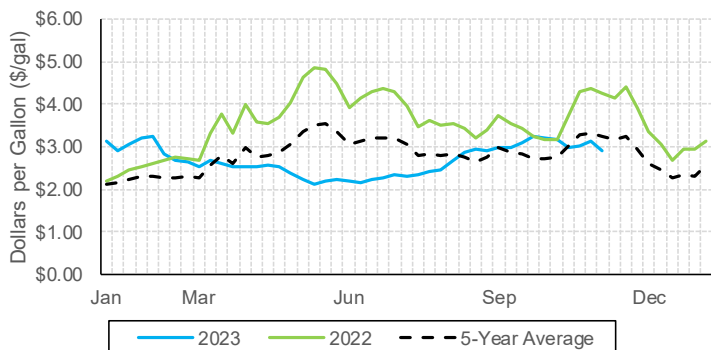
Fuel Type	NYS Average Retail Prices				
	11/3/2023	10/27/2023	% Difference	Prior Year	% Difference
Regular Gasoline (dollars per gallon) ²	\$3.73	\$3.77	-1.0%	\$3.84	-2.8%
On-road Diesel (dollars per gallon) ²	\$4.68	\$4.69	-0.3%	\$5.85	-20.1%

Notes:

- Wholesale price data from USEIA, see references section for detailed citations. Visualizations by NYSERDA.
- Retail price data from AAA, see references section for detailed citations. Visualizations by NYSERDA.

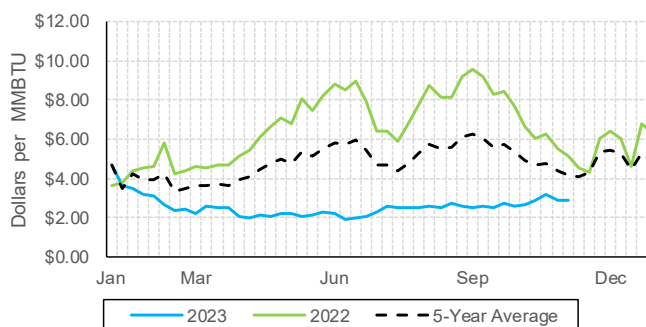
Heating Fuel Prices Summary

No. 2 Heating Oil Average Weekly Spot Prices New York Harbor

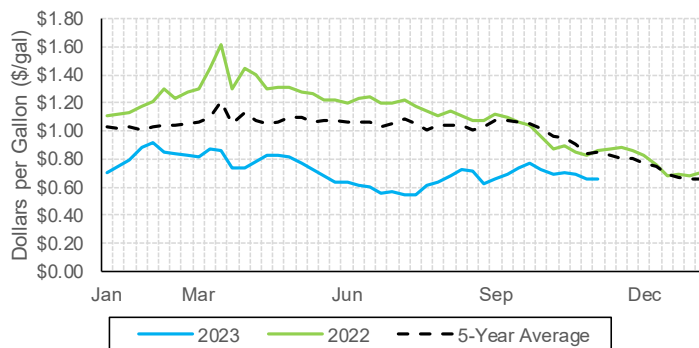


Note that these New York Harbor, Henry Hub, and Mt. Belvieu Spot Prices data are unchanged from last week due to USEIA system maintenance.

Natural Gas Henry Hub Average Weekly Spot Prices



Propane Mt. Belvieu Average Weekly Spot Prices



Weekly Survey Results by Fuel Type	NYS Average Retail Prices				
	11/6/2023	10/30/2023	% Difference	Prior Year	% Difference
Ultra-low #2 Heating Oil Posted Credit Prices (dollars per gallon) ²	\$4.433	\$4.463	-0.7%	\$6.040	-26.6%
Propane Posted Credit Prices - 1,100 gallon usage (dollars per gallon) ²	\$3.162	\$3.258	-2.9%	\$3.418	-7.5%
Kerosene Posted Credit Prices (dollars per gallon) ²	\$5.335	\$5.338	-0.1%	\$7.399	-27.9%
Monthly USEIA Reporting	August 2023	July 2023	% Difference	August 2022	% Difference
Monthly Average Residential Natural Gas Prices (dollars per Therm) ³	\$2.197	\$2.105	4.4%	\$2.530	-13.2%

For regional NYS retail price summaries for heating fuels, visit the following NYSERDA resources:

[Home Heating Oil Prices Dashboard](#)

[Kerosene Prices Dashboard](#)

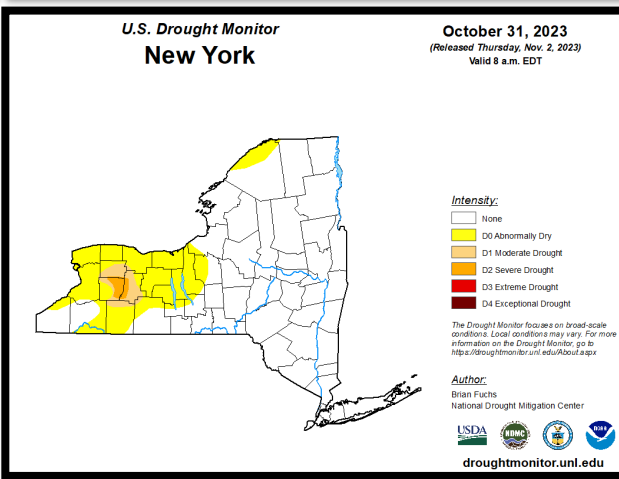
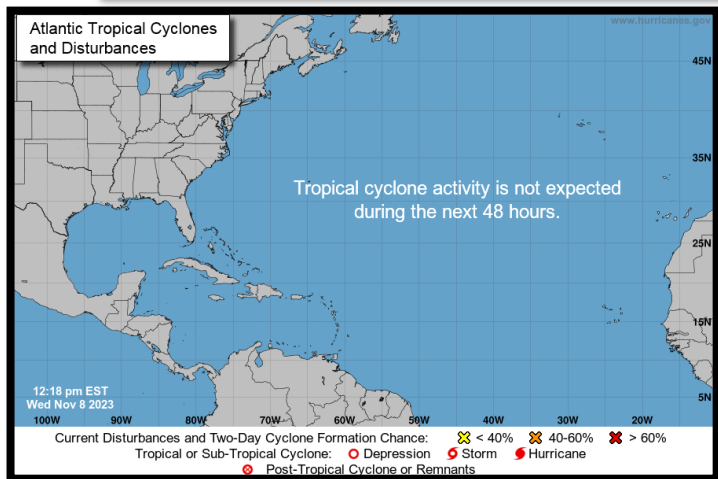
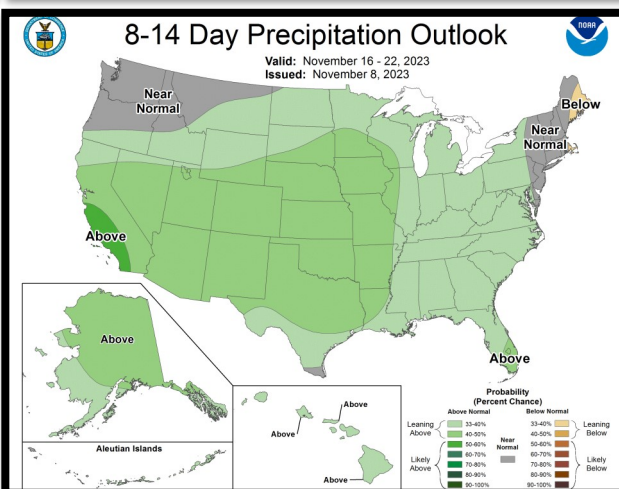
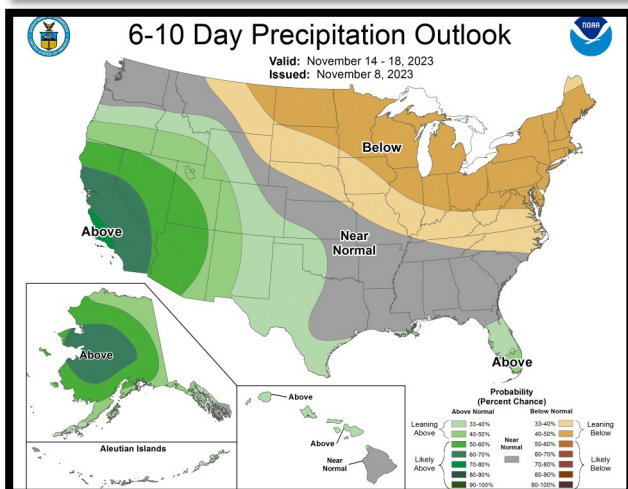
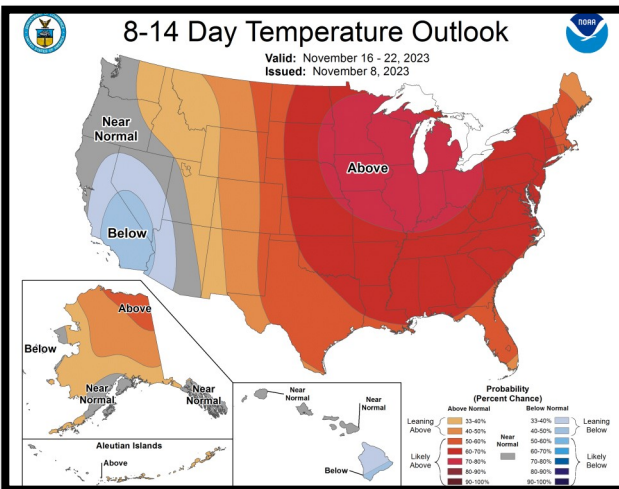
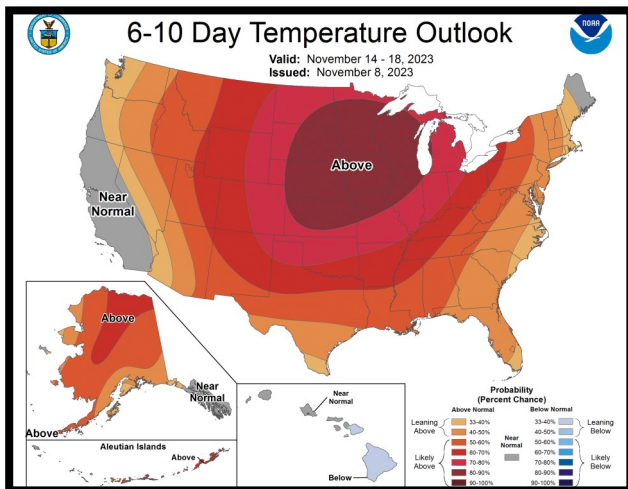
[Propane Prices Dashboard](#)

Heating fuels retail price summaries presented in this report and on the NYSERDA dashboards are part of the USEIA State Heating Oil and Propane Program/ NYSERDA Heating Fuel Prices surveys.

Notes:

1. Wholesale price data from USEIA, see references section for detailed citations. Visualizations by NYSERDA.
2. Retail price data from USEIA & NYSERDA, see references section for detailed citations. Visualizations by NYSERDA. Highlighted cells indicate price correction from prior week.
3. Residential natural gas price data from USEIA, see references section for detailed citations. Visualization by NYSERDA.

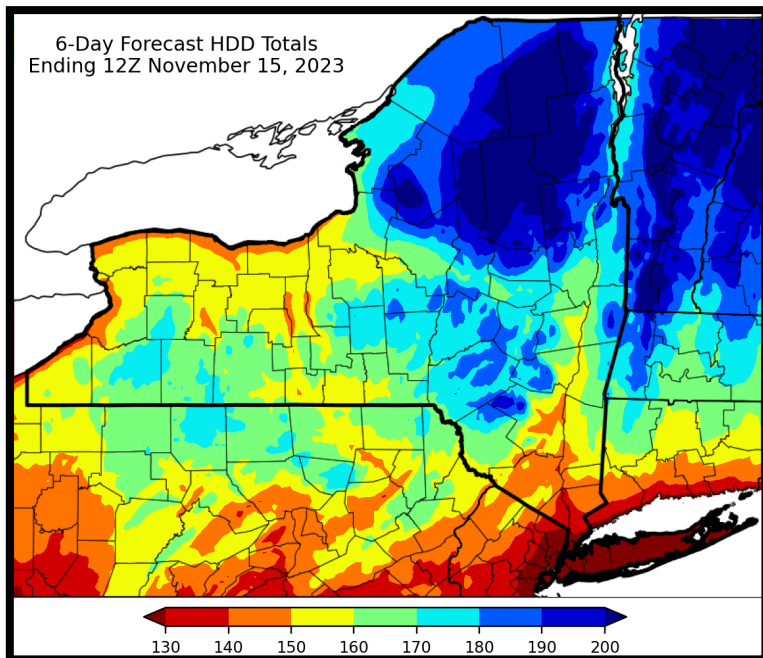
Weather Outlook and Seasonal Threat Monitoring



Notes:

1. Temperature and precipitation outlook graphics from NOAA. See references section for detailed citations.
2. Seasonal threat monitoring for winter season. Graphics from NOAA. See reference section for detailed citation.
3. Seasonal threat monitoring for drought conditions during the spring/summer. Graphic from National Drought Mitigation Center. See references section for detailed citation.

Degree Days Outlook and Summary

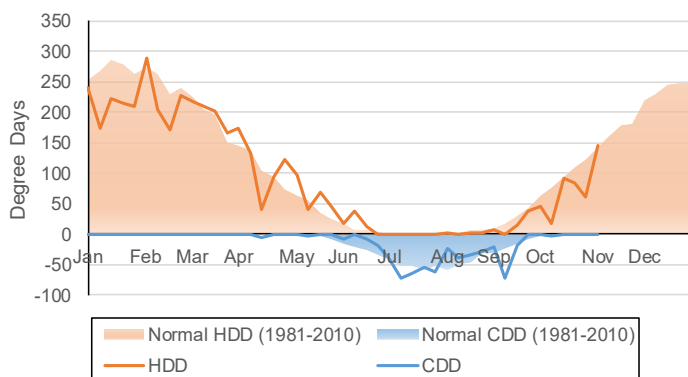


City	6-Day HDD Forecast	Normal	% Difference
Albany	162	139	M
Binghamton	163	154	6%
Buffalo	152	136	12%
Glens Falls	177	158	12%
Massena	186	166	12%
NYC	116	88	32%
Rochester	150	132	14%
Syracuse	157	138	14%
Watertown	171	153	12%

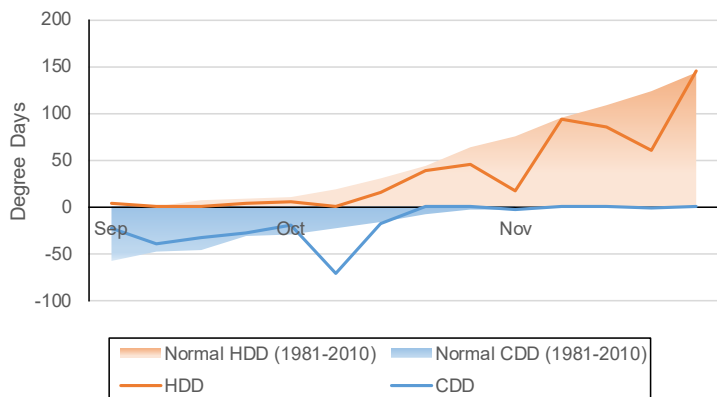
Forecast Dates:
11/09/2023 - 11/14/2023

Notes:
1. M = Missing data

NYS Degree Day Weekly Summary: Current Year



NYS Degree Day Weekly Summary: 2-Month History



For regional NYS Heating and Cooling Degree Data along with additional information, visit the following NYSERDA resources:

[Heating Degree Data](#)

[Monthly Degree Day Data \(Heating & Cooling\)](#)

Notes:

1. Heating degree day (HDD) forecast from NOAA & Northeast Regional Climate Center at Cornell University (NRCC). See references section for detailed citations.
2. HDD and Cooling Degree Day (CDD) data from NOAA. Positive values represent HDD and negative values represent CDD. See reference section for detailed citation. Visualization by NYSERDA.

References

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USEIA. 2022. U.S. Stocks of Crude Oil and Petroleum Products. Available online:

https://www.eia.gov/dnav/pet/xls/PET_STOC_WSTK_DCU_NUS_W.xls.

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USEIA. 2022. Spot Prices for Crude Oil and Petroleum Products. Available online:

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USEIA & NYSERDA. 2022. State Heating Oil and Propane Program/NYSERDA Heating Fuel Prices Survey.

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Weather Outlook and Data

National Oceanic and Atmospheric Administration (NOAA). 2022. National Weather Service Climate Prediction Center. Temperature and Precipitation Outlooks. Available online: <https://www.cpc.ncep.noaa.gov/>.

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NOAA. National Hurricane Center and Central Pacific Hurricane Center. *Atlantic Tropical Cyclones and Disturbances*. Available online: <https://www.nhc.noaa.gov/>.

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National Drought Mitigation Center. U.S. Drought Monitor. New York. Available online at:

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?NY>.

Note that there may be slight differences between USEIA reported values and this NYSERDA summary due to methodology differences.

Developed weekly by the NYSERDA Energy Markets team, part of the Energy & Environmental Analysis Group. For any questions, please reach out to:

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