

Overall Energy & Fuels Markets Summary

- Liquid fuels and natural gas average spot prices slightly increased/ remained comparable to the prior week and remain elevated compared to last year/historical during this similar time. (see pages 1, 4, and 5)
 - Fuel price volatility remains high.
- Global supply chains continue to be strained and influence the regional fuels inventories (see pages 2 and 3).
- Market influencers include:
 - Ongoing war in Eastern Europe and economic impacts on global economics and supply chain.
 - Global labor issues (refinery workers in France; rail labor in the U.S.).
 - Growing concerns regarding global economic slowdown/ recession influencing market decision-making.
- Consistent with elevated spot prices, NY consumers are paying elevated retail prices compared to last year for fuels due to the market conditions for fossil fuels.
- Northeast distillate and East Region natural gas inventories are below the 5-year and 10-year ranges, respectively (see pages 2 and 3), as regional and local markets adjust for heating season demand. Natural gas inventories continue to rise and propane inventories are at typical levels for this time of year. General market tightness for northeast fuels inventories is present.

Issue Contents:

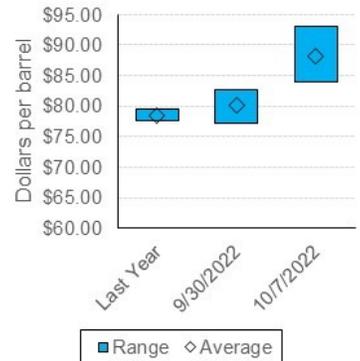
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Note:

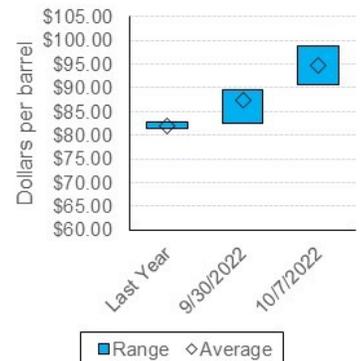
1. Data from USEIA, see references section for detailed citations. Visualizations by NYSERDA.
2. Graphics summarize available USEIA data from the most recent week ending on Fridays, noted by the date.

Fundamental Fuels Market Price Summaries

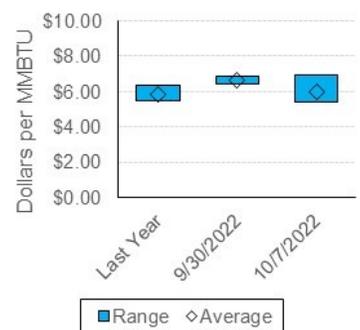
WTI Crude Spot Price Weekly Summary



Brent Crude Spot Price Weekly Summary

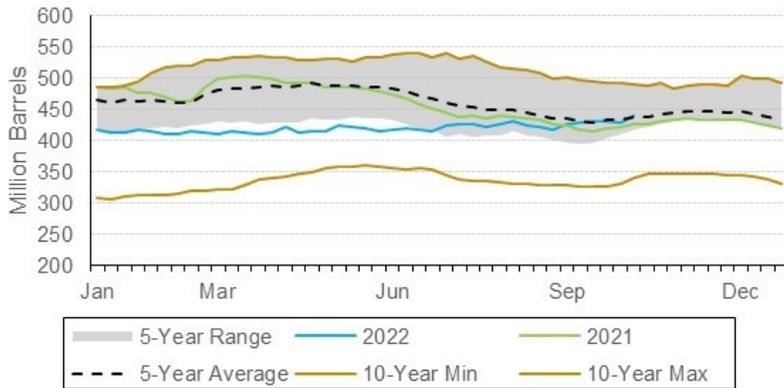


Natural Gas Henry Hub Spot Price Weekly Summary

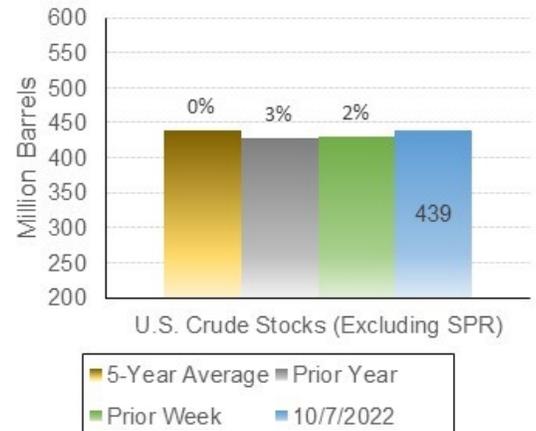


National Crude and East Region Natural Gas Inventories

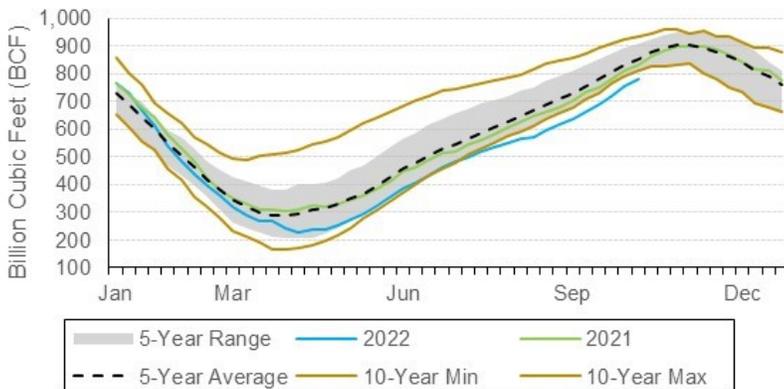
U.S. Crude Weekly Stocks (Excluding Strategic Petroleum Reserve)



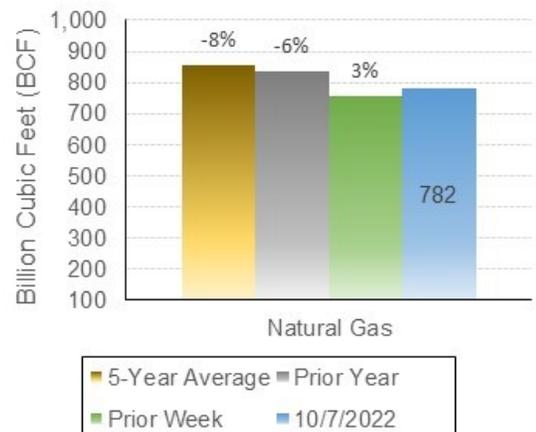
Historical Comparison



East Region: Natural Gas Working Underground Storage



Historical Comparison



Note:

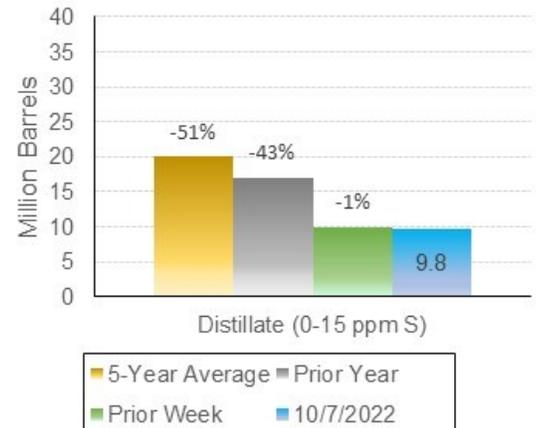
1. Data from USEIA, see references section for detailed citations. Visualizations by NYSERDA.
2. Graphics summarize available USEIA data from the most recent week ending on Fridays.
3. Historical comparison bar chart percentages reflect current week. Positive values indicate current week is greater,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

Regional Inventories: Select Liquid Fuels

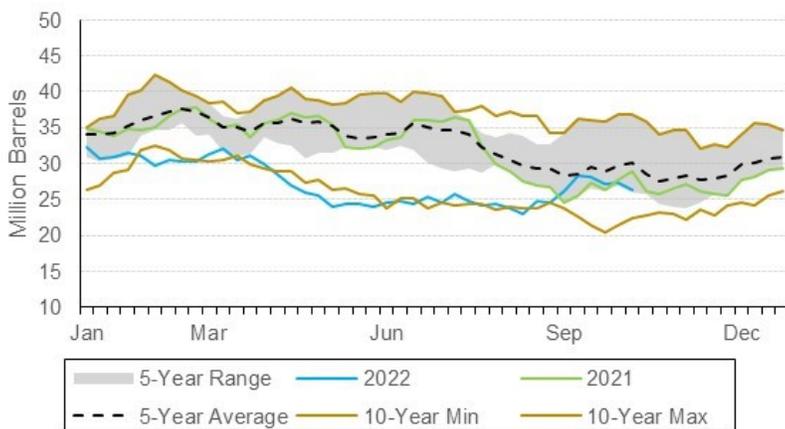
PADD 1B: Distillate (0-15 ppm S) Weekly Stocks



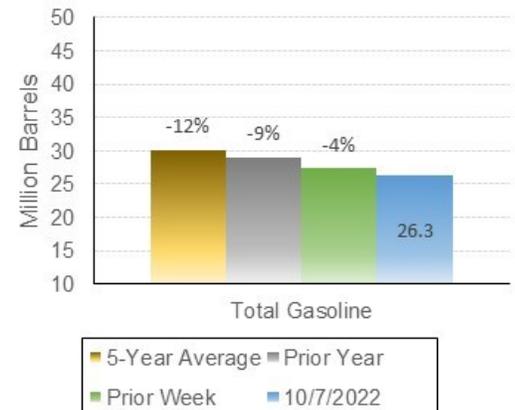
Historical Comparison



PADD 1B: Total Gasoline Weekly Stocks



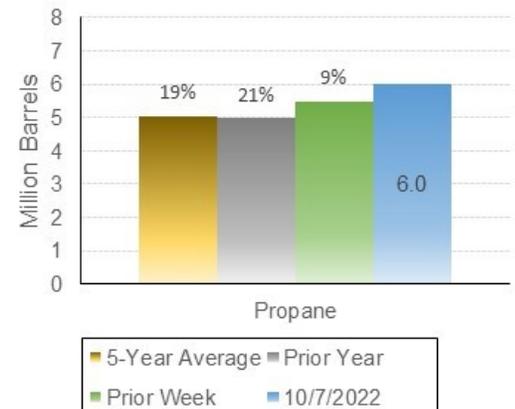
Historical Comparison



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*



*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				
	10/7/2022	9/30/2022	% Difference	Prior Year	% Difference
Regular Gasoline (dollars per gallon) ²	\$3.60	\$3.66	-2%	\$3.30	9%
On-road Diesel (dollars per gallon) ²	\$5.00	\$5.04	-1%	\$3.40	47%

Notes:

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

Heating Fuel Prices Summary

Conventional Gasoline Average Weekly Spot Prices New York Harbor



Propane Mt. Belvieu Average Weekly Spot Prices



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](#)

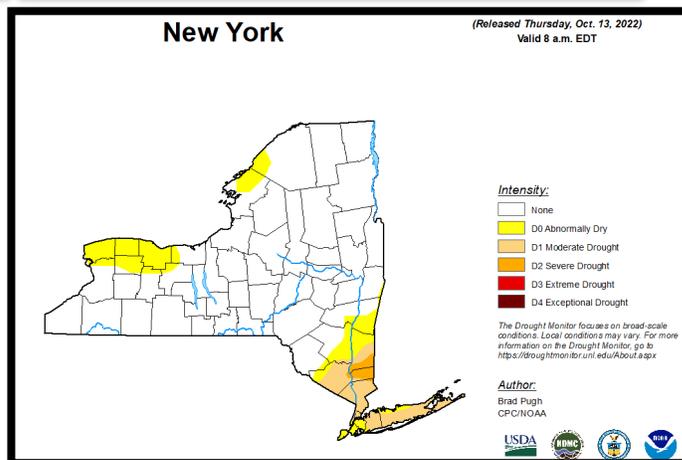
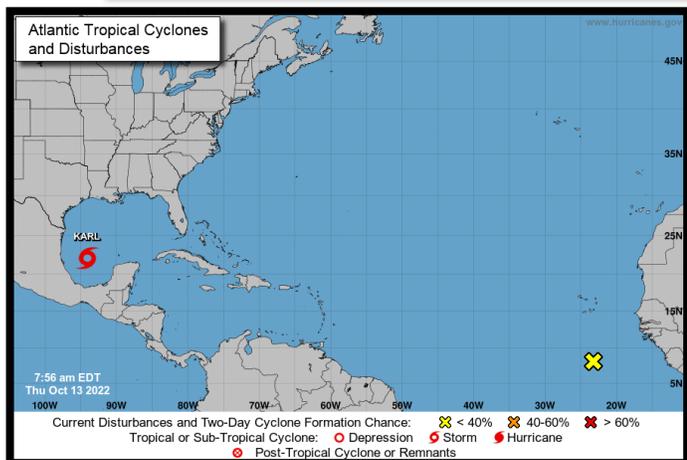
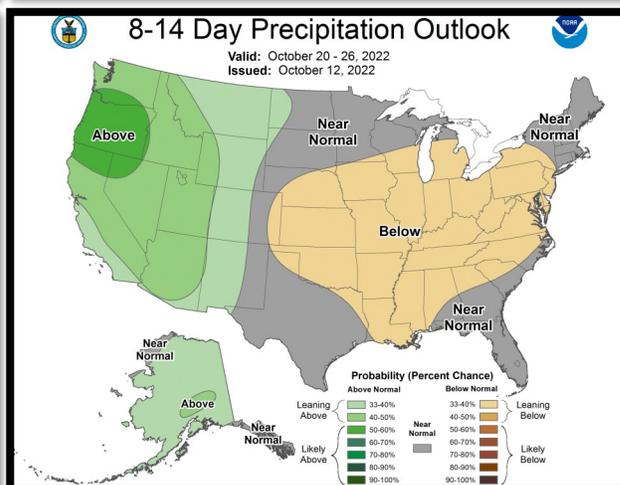
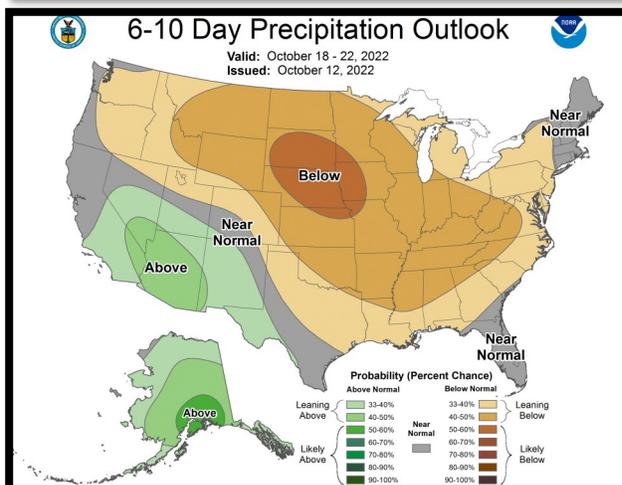
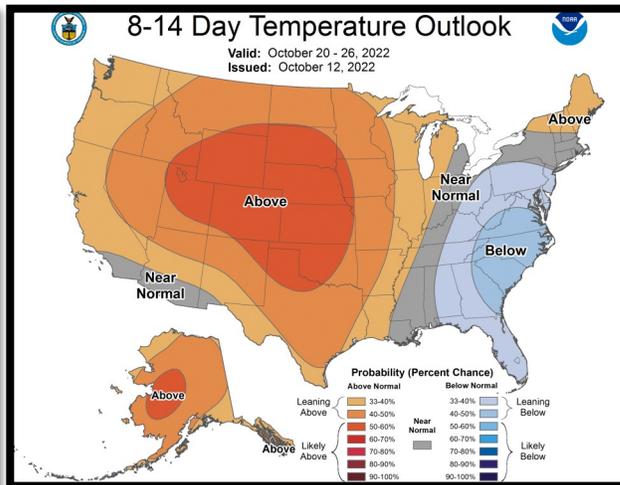
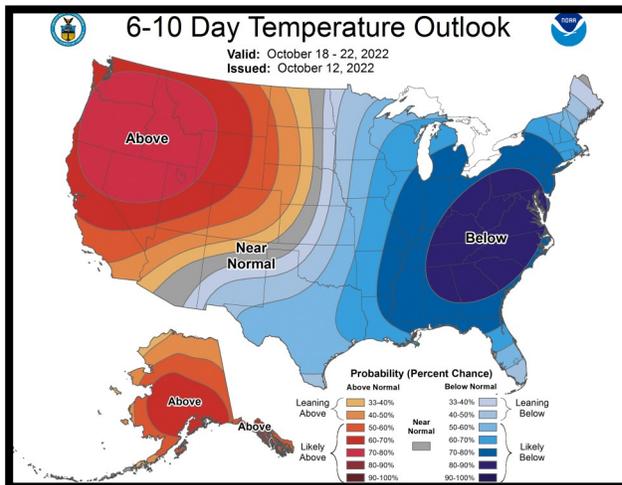
Heating fuels retail price summaries presented in this report and on the NYSERDA dashboards are part of the USEIA State Heating Oil and Propane Program/NYSERDA Heating Fuel Prices surveys.

Weekly Survey Results by Fuel Type	NYS Average Retail Prices				
	10/11/2022	10/3/2022	% Difference	Prior Year	% Difference
Ultra-low #2 Heating Oil Posted Credit Prices (dollars per gallon) ²	\$5.422	\$4.817	12.5%	\$3.486	55.5%
Propane Posted Credit Prices - 1,100 gallon usage (dollars per gallon) ²	\$3.499	\$3.525	-0.7%	\$3.219	8.7%
Kerosene Posted Credit Prices (dollars per gallon) ²	\$6.276	\$5.957	5.3%	\$3.827	64.0%
Monthly USEIA Reporting	July 2022	June 2022	% Difference	July 2021	% Difference
Monthly Average Residential Natural Gas Prices (dollars per Therm) ³	\$2.536	\$2.380	6.6%	\$2.057	23.3%

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.
3. Residential natural gas price data from USEIA, see references section for detailed citations. Visualization by NYSERDA.

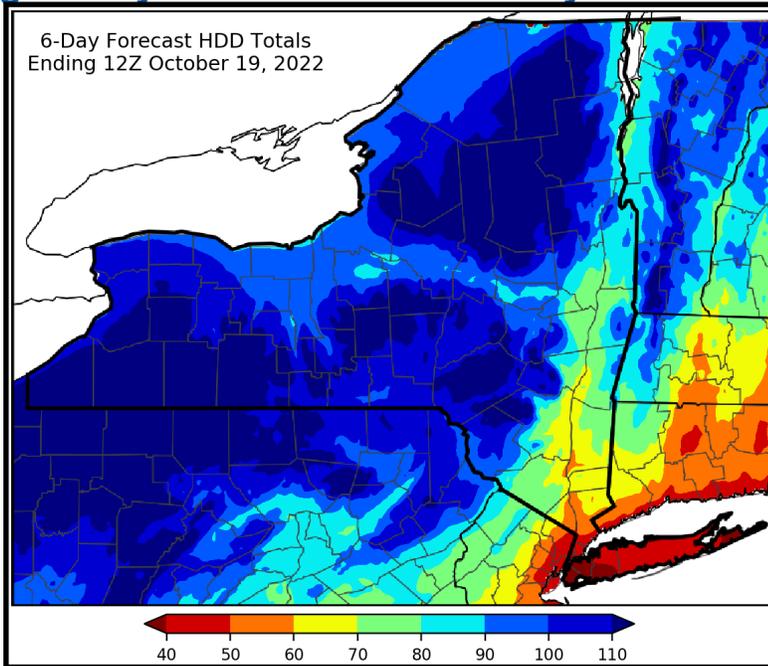
Weather Outlook and Seasonal Threat Monitoring



Notes:

1. Temperature and precipitation outlook graphics from NOAA. See references section for detailed citations.
2. Seasonal threat monitoring for hurricane 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

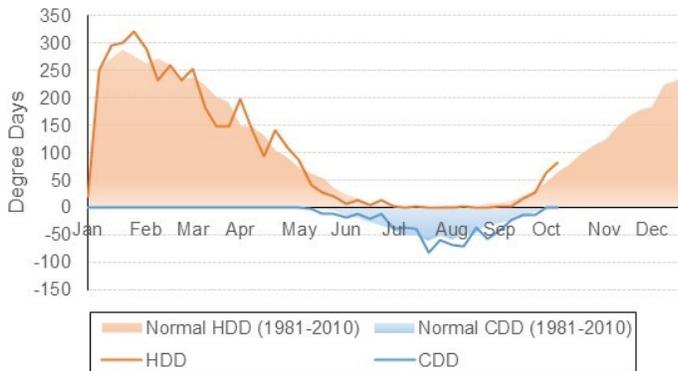


City	6-Day HDD Forecast
Albany	63
Binghamton	96
Buffalo	95
Glans Falls	81
Massena	89
NYC	27
Rochester	90
Syracuse	79
Watertown	86

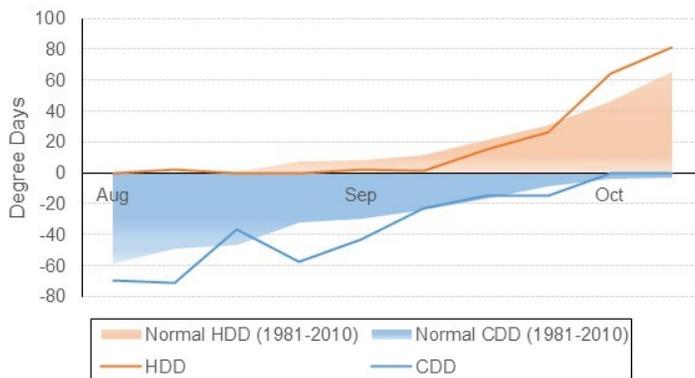
Forecast Dates:
10/13/2022 - 10/18/2022

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 NYSEERDA 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 NYSEERDA.

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Weather Outlook and Data

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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>.

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