

U.S. gas prices and inventories

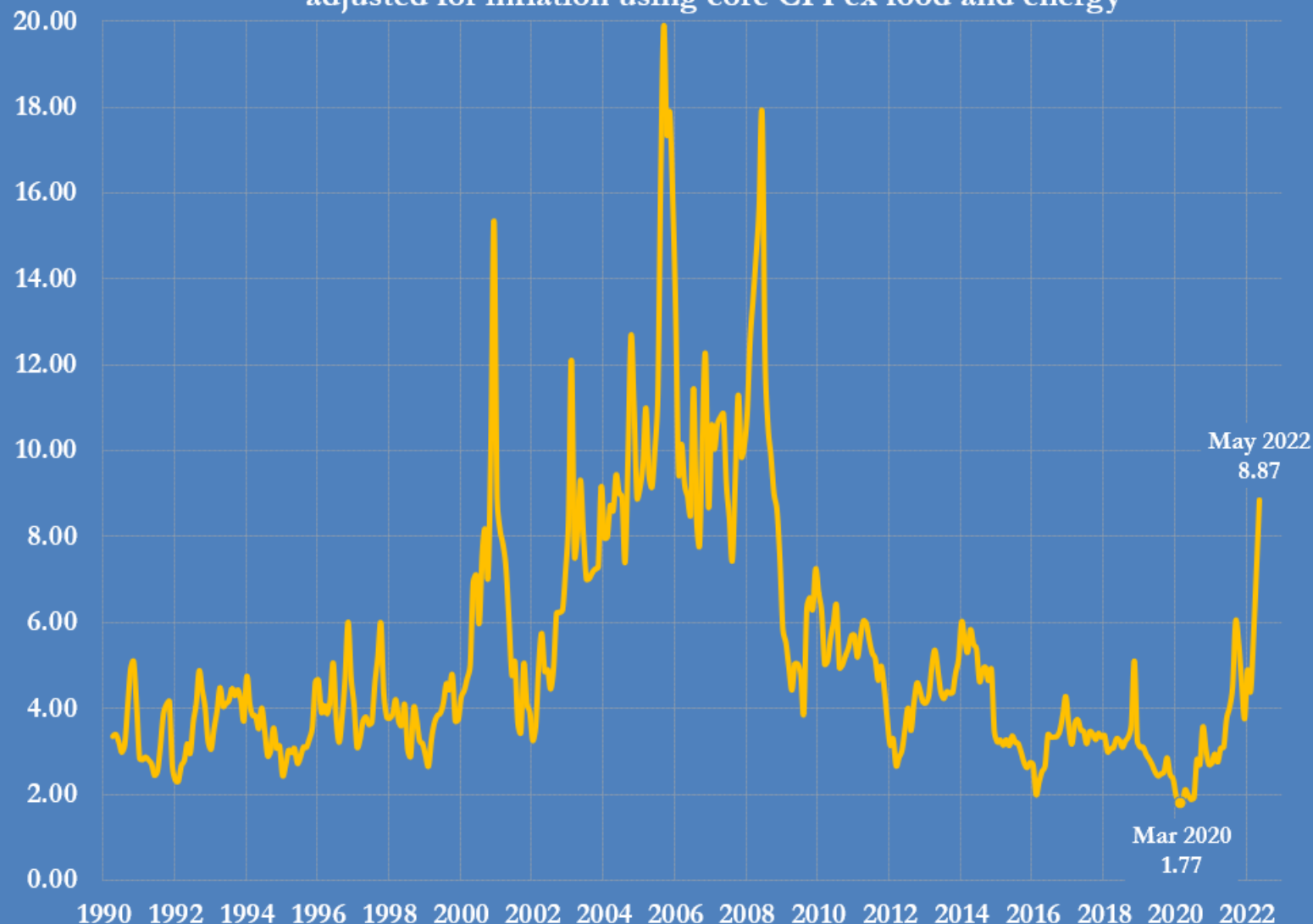
Selected indicators

JOHN KEMP
REUTERS

6 May 2022

U.S. real natural gas price, 1990-2022

front-month futures, U.S.\$ per million British thermal units, month-end
adjusted for inflation using core CPI ex food and energy

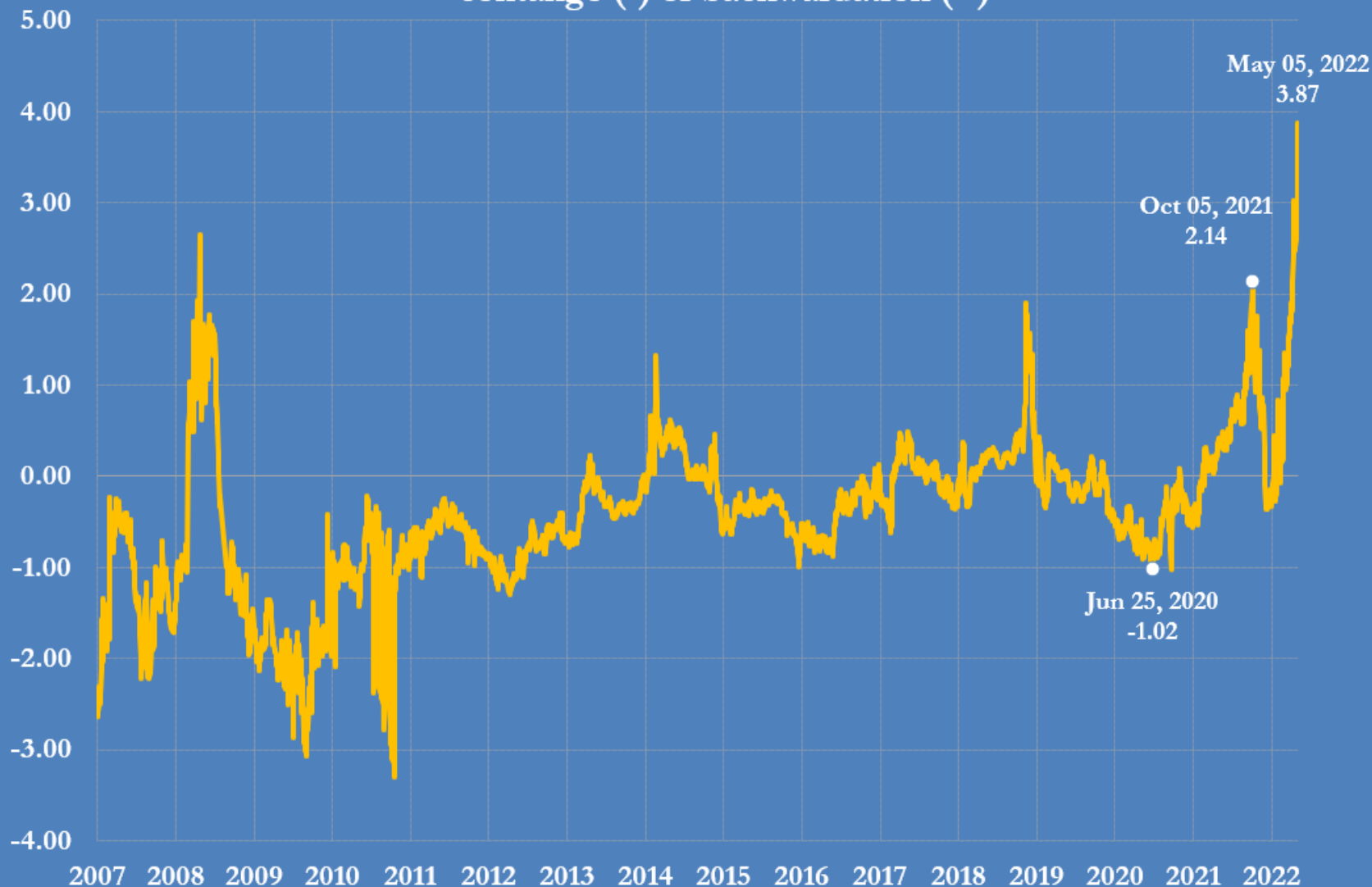


Sources: CME Group, U.S. Bureau of Labor Statistics

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U.S. natural gas futures calendar spread, 2007-2021

first-month minus thirteenth-month, daily, U.S.\$ per million Btu
contango (-) or backwardation (+)

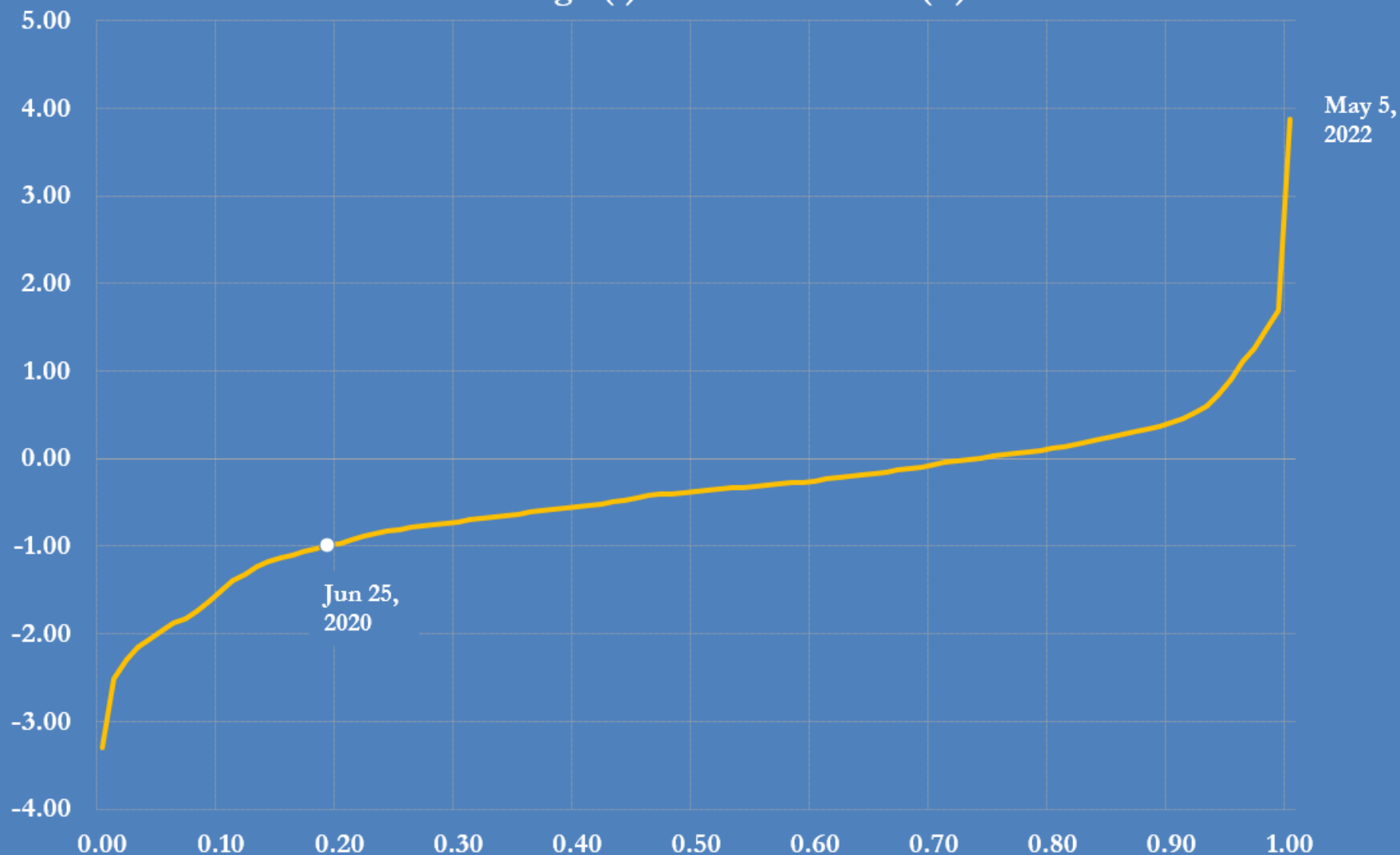


Source: CME Group

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U.S. natural gas futures calendar spread, 2007-2022

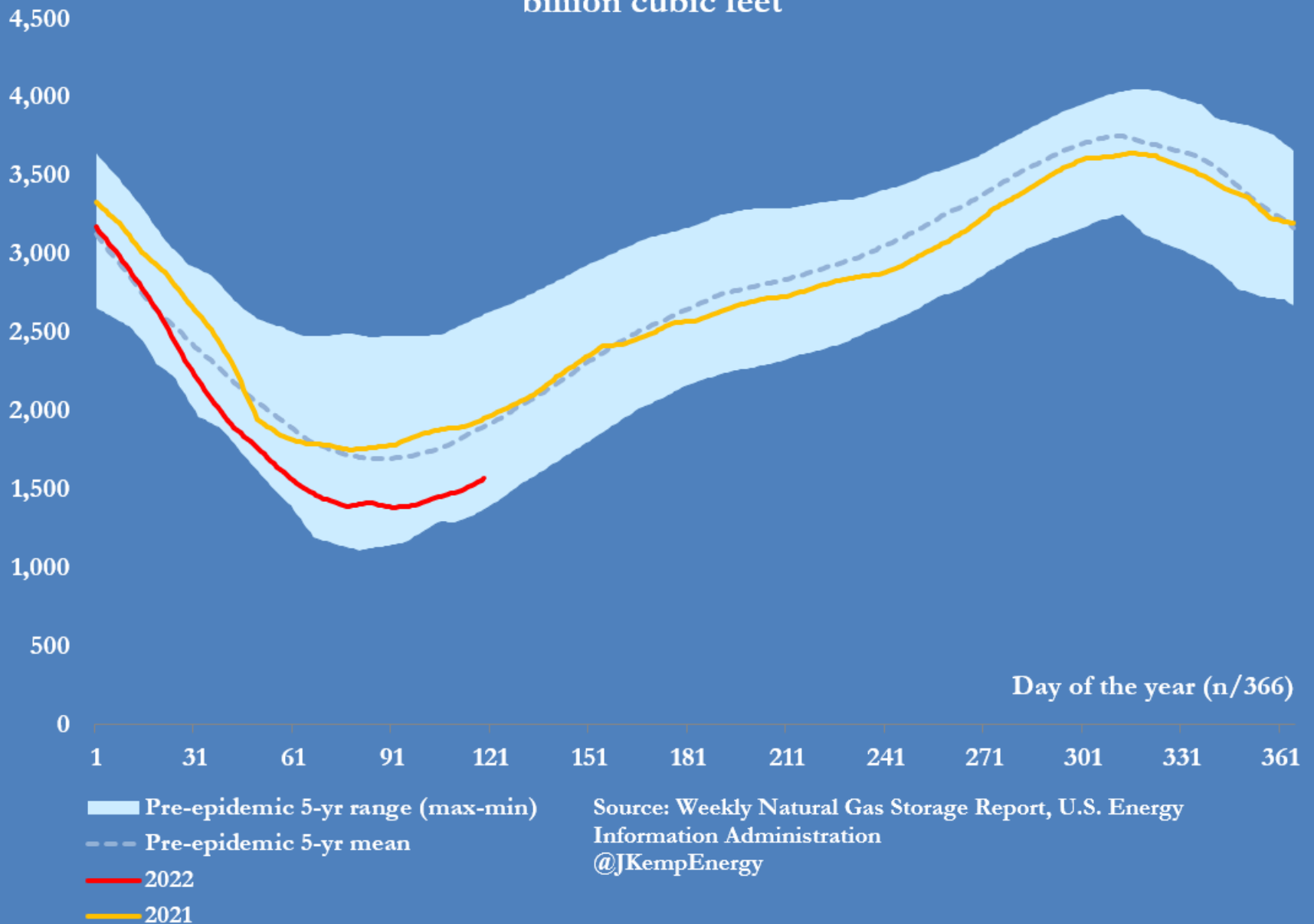
daily, U.S.\$ per million Btu, M1-M13, percentiles
contango (-) or backwardation (+)



Source: CME Group

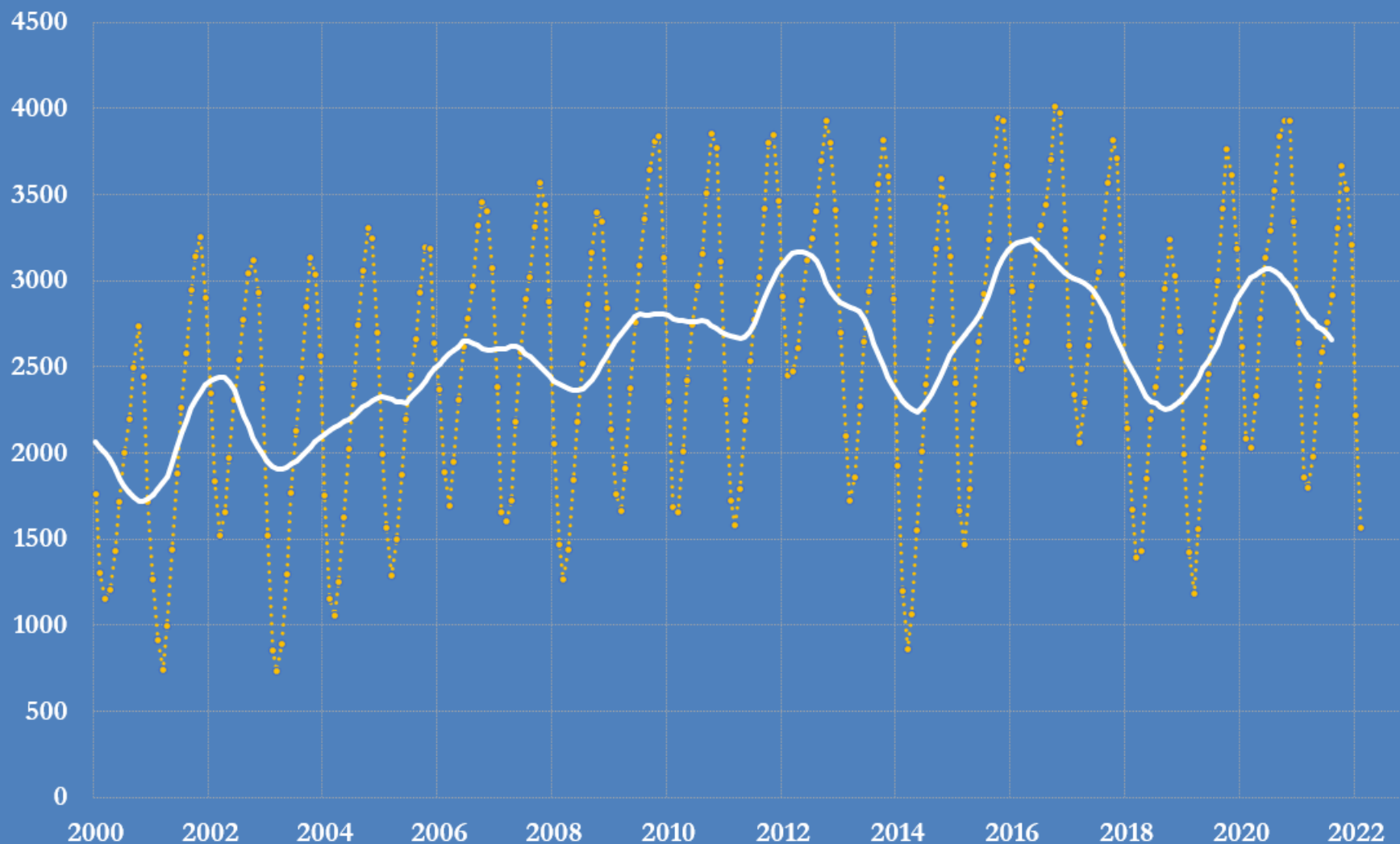
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U.S. working gas stocks in underground storage billion cubic feet



U.S. natural gas inventories, 2000-2022

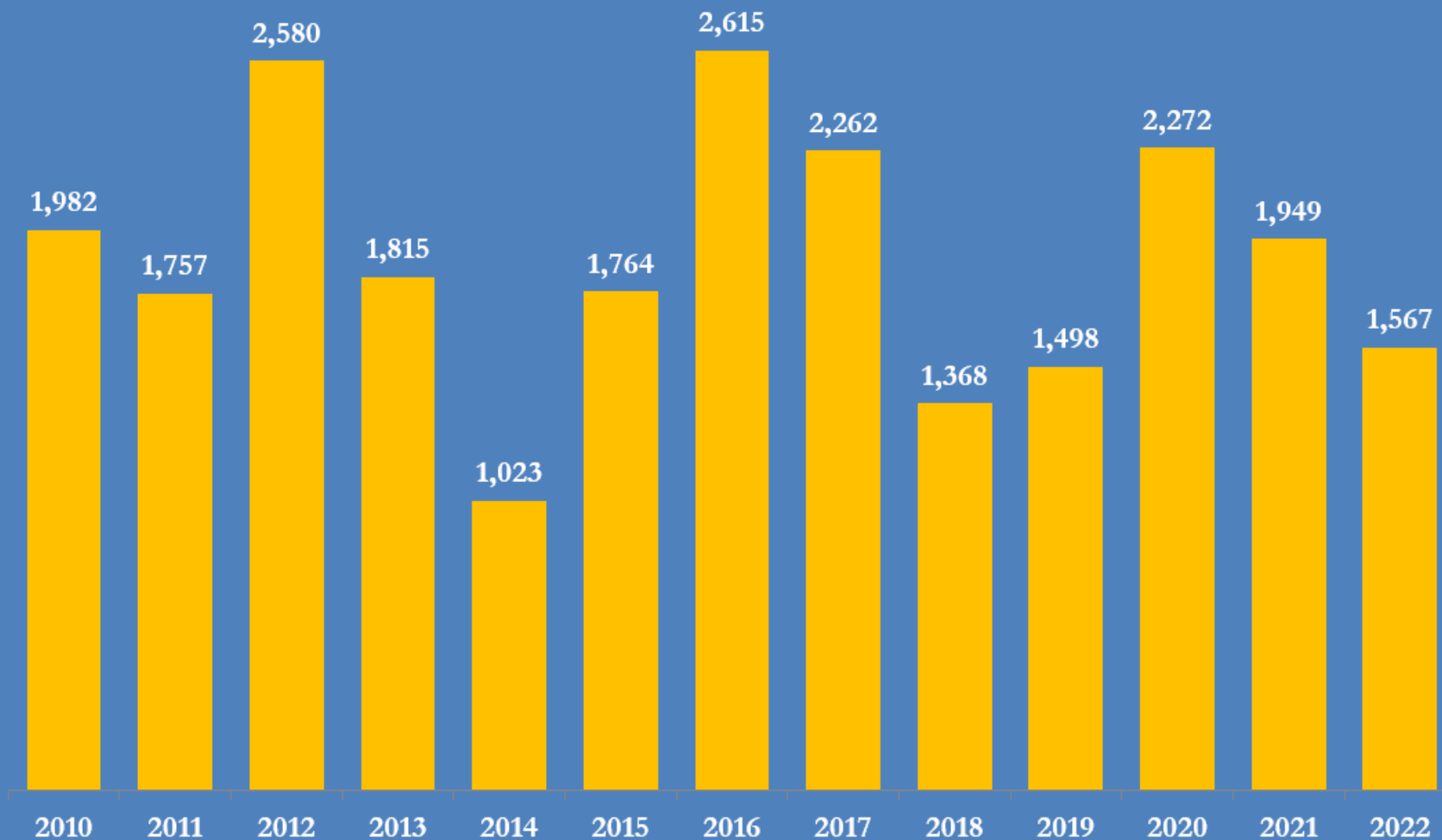
billion cubic feet, working gas in underground storage
monthly and twelve-month centred average



Source: U.S. Energy Information Administration

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U.S. natural gas stocks, 2010-2022 billion cubic feet each year on April 29

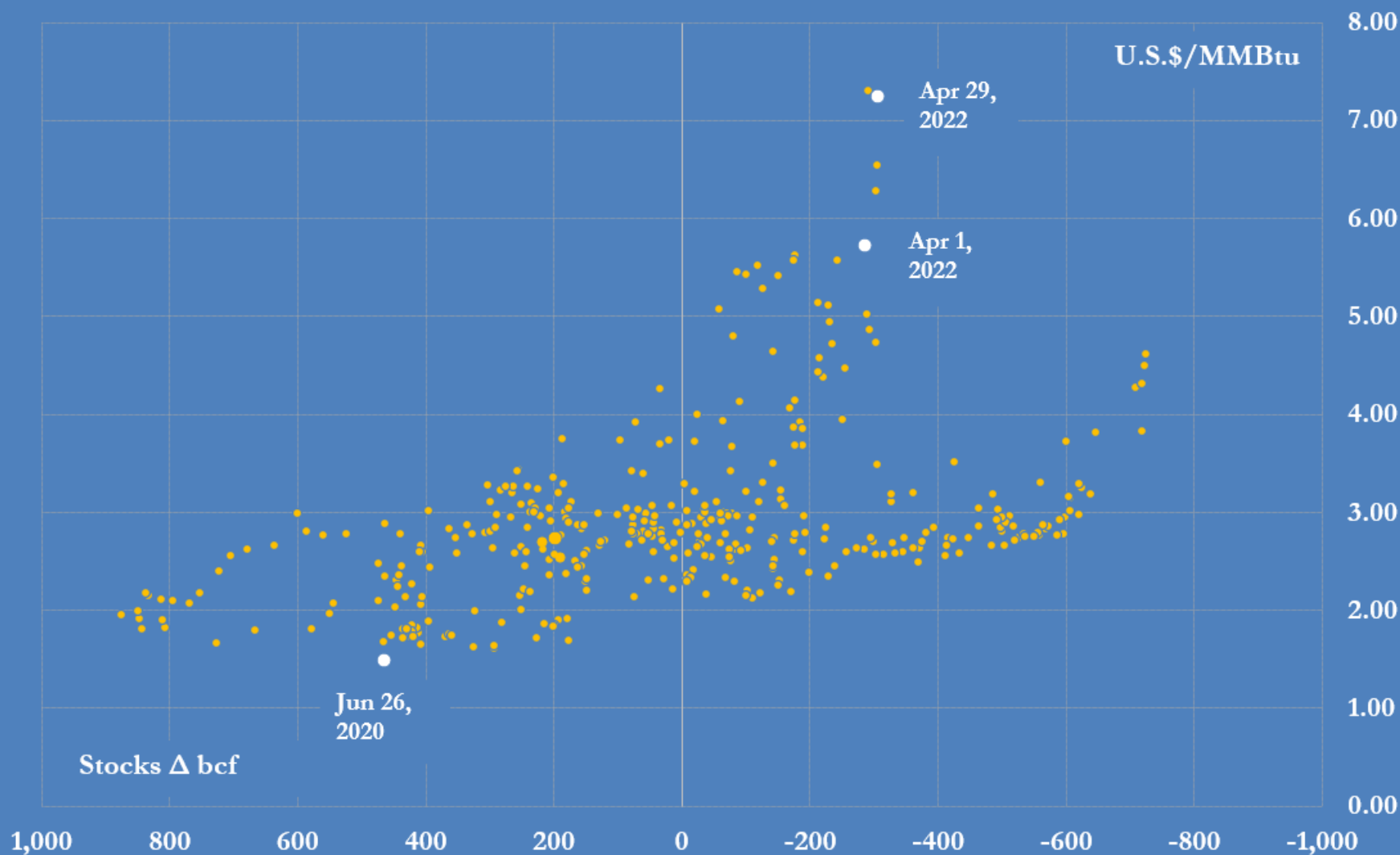


Source: US Energy Information Administration

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U.S. natural gas stocks and prices, 2015-2022

weekly, stock deviation from prior 5-yr average, front-month futures price

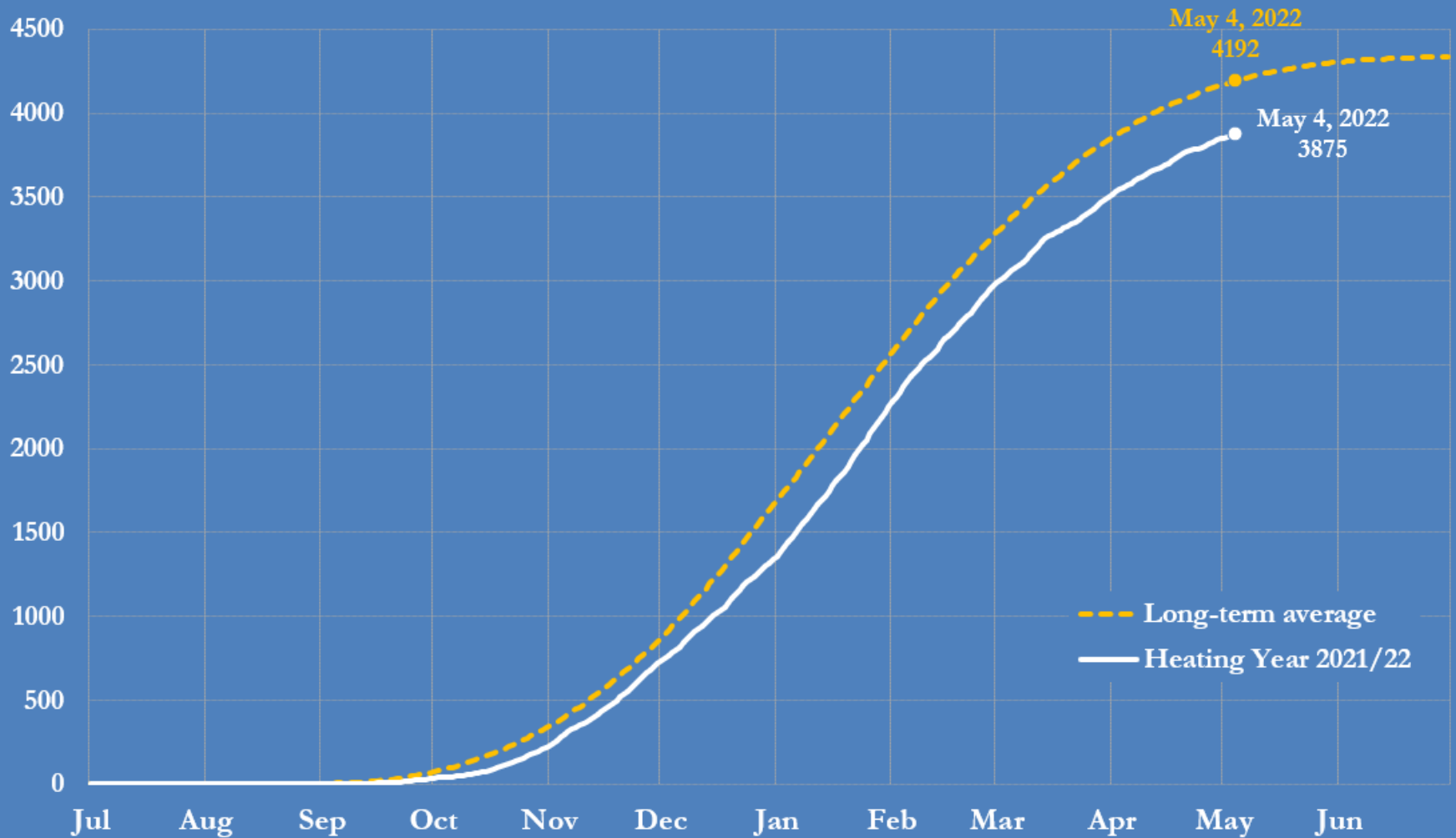


Sources: U.S. Energy Information Administration, CME Group

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U.S. cumulative heating degree days since start of heating year

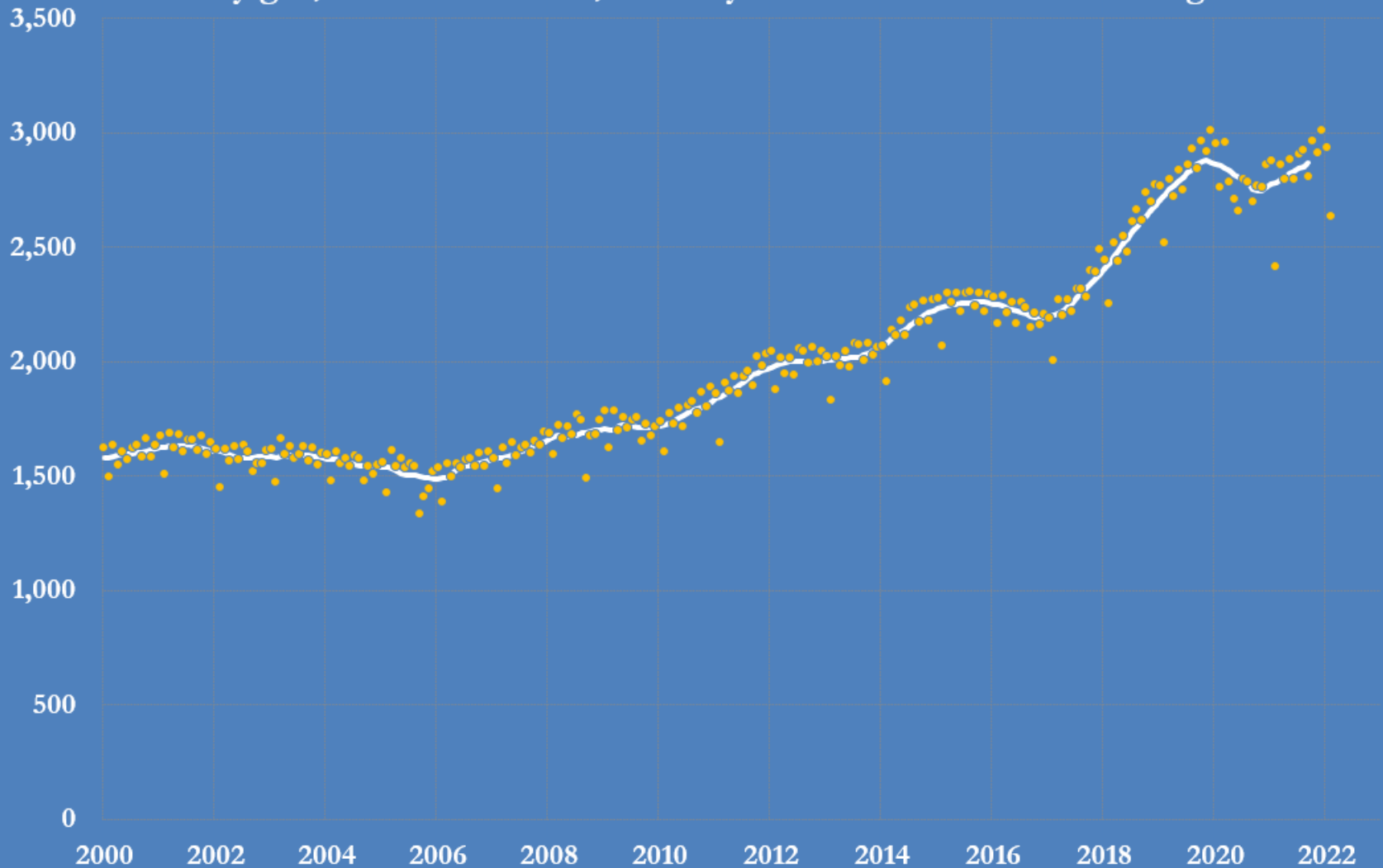
Lower 48 states, population-weighted HDDs



Source: Climate Prediction Center, US National Oceanic and Atmospheric Administration
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U.S. natural gas production, 2000-2022

Dry gas, billion cubic feet, monthly and 12-month centred average

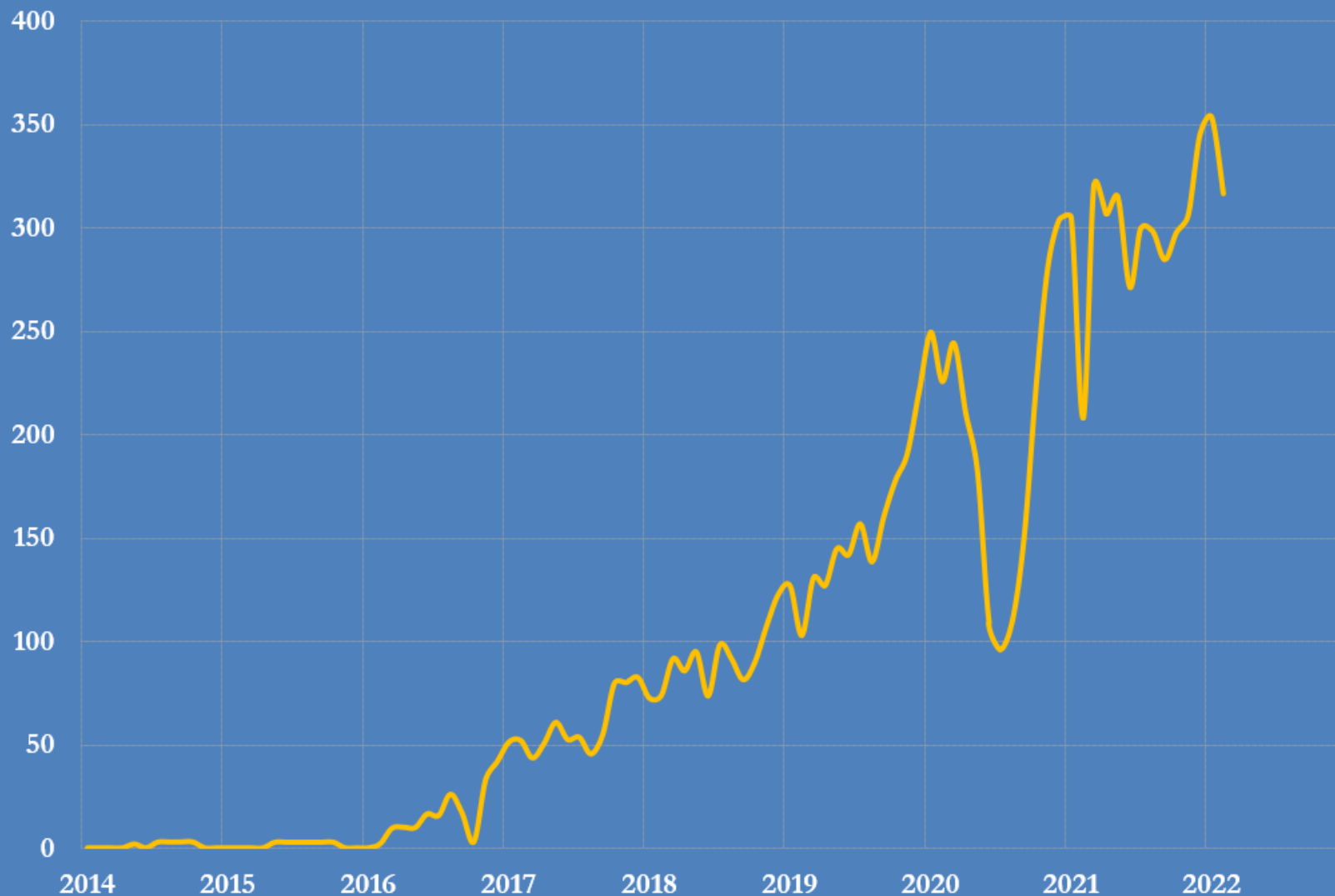


Source: U.S. Energy Information Administration

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U.S. LNG exports, 2014-2022

monthly, waterborne exports, billion cubic feet

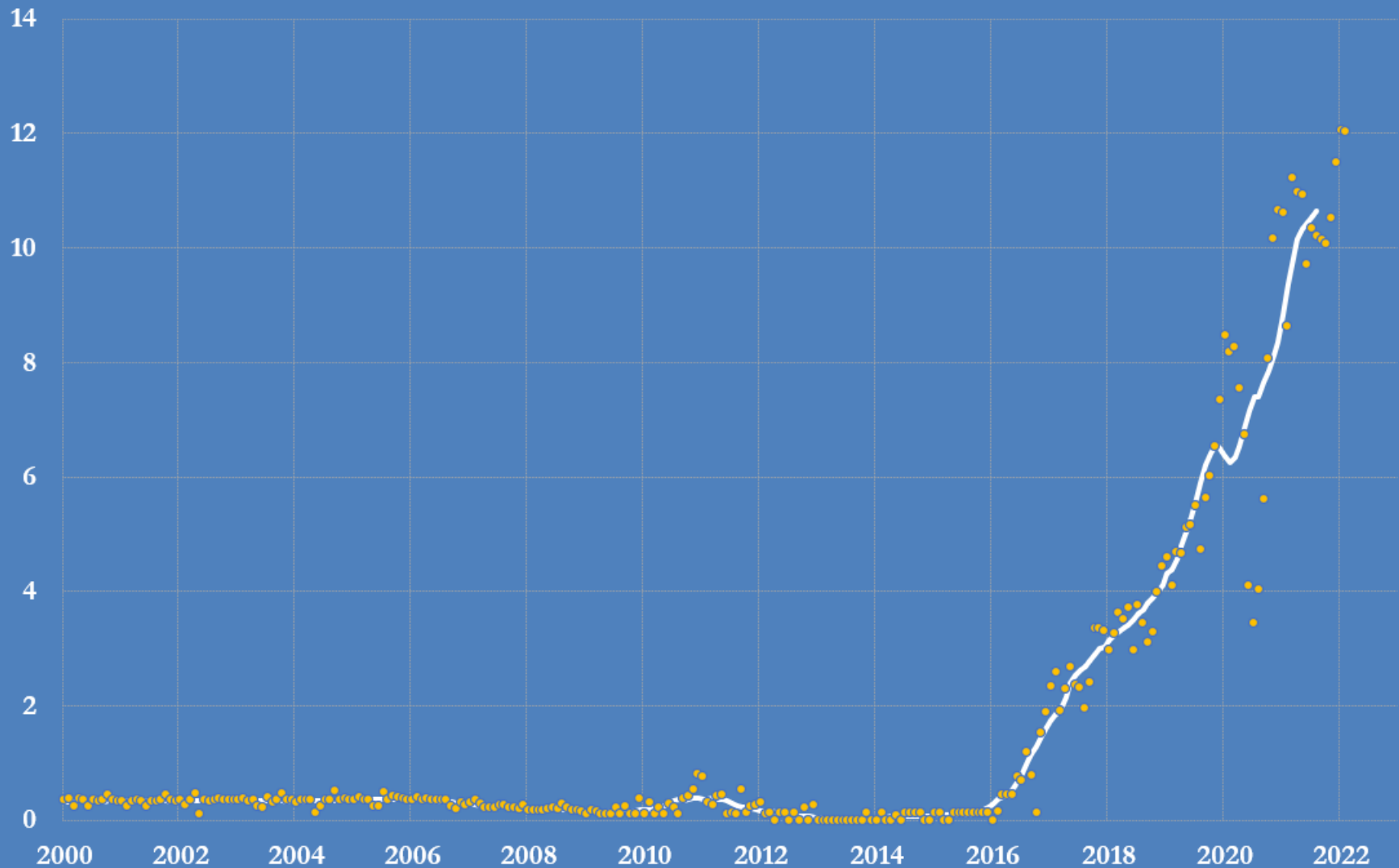


Source: U.S. Energy Information Administration

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U.S. LNG exports, 2000-2022

monthly and 12-mth centred average, percent of domestic dry gas production

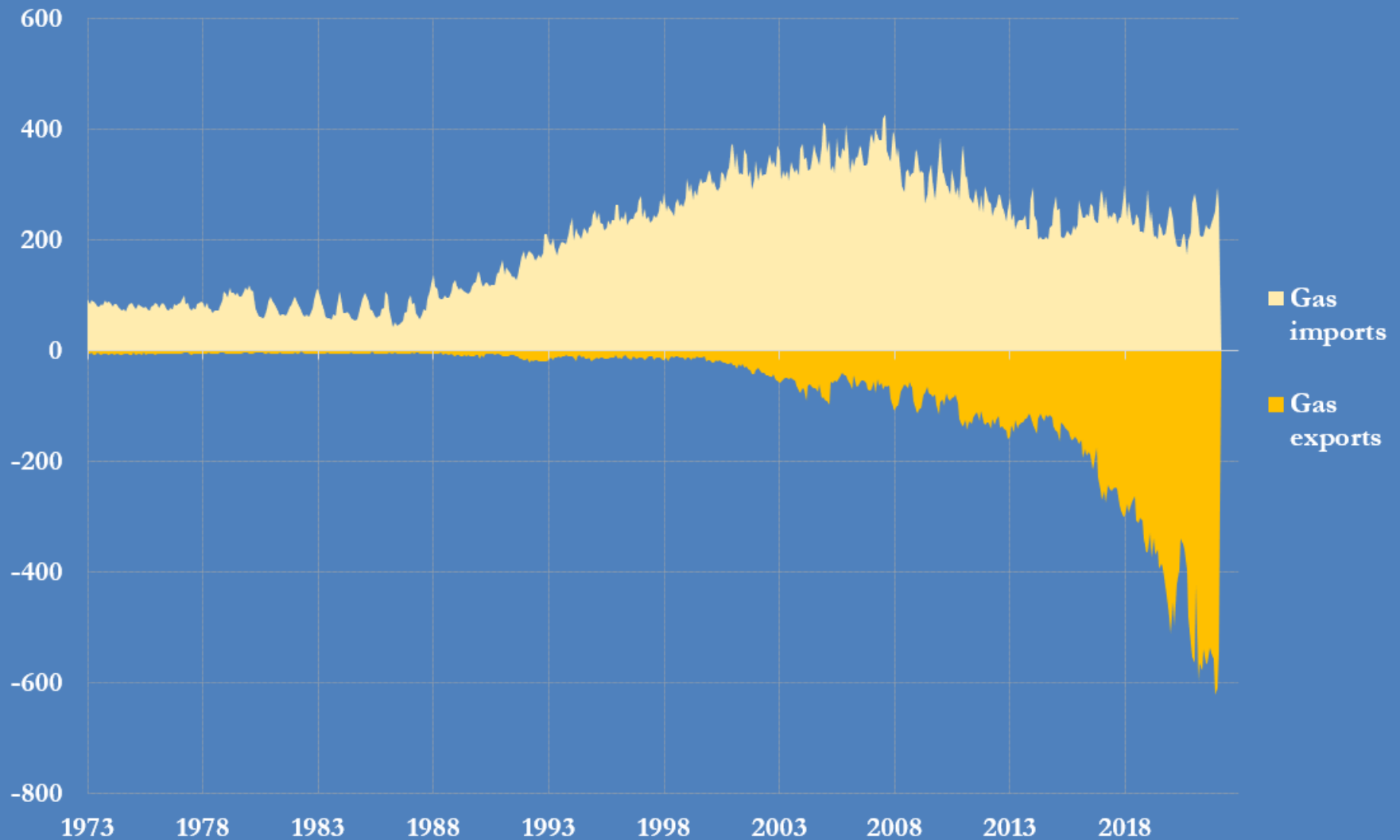


Source: U.S. Energy Information Administration

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U.S. gas imports and exports, 1973-2022

monthly, billion cubic feet, exports shown negative

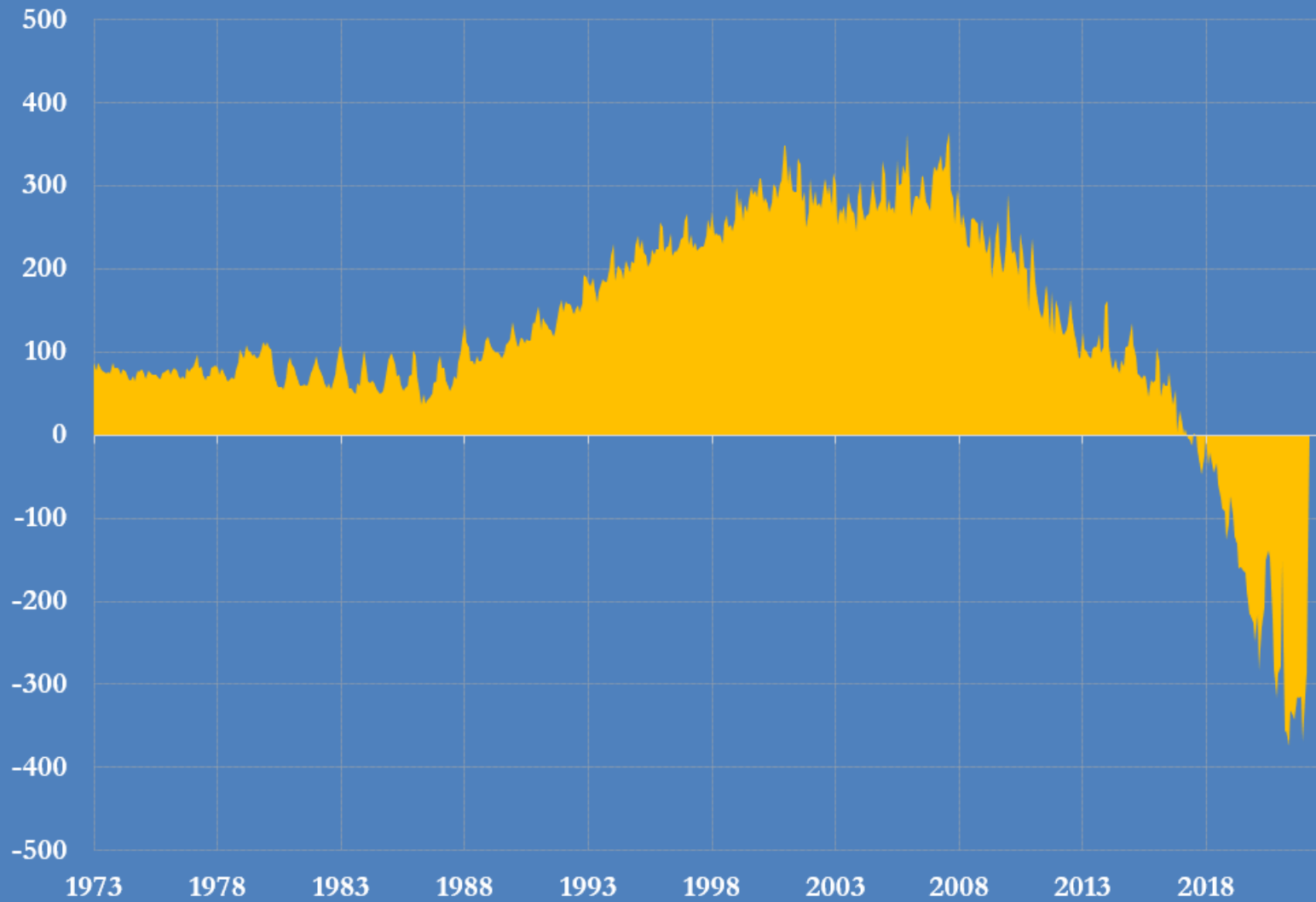


Source: U.S. Energy Information Administration

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U.S. net gas trade, 1973-2022

monthly, billion cubic feet, net imports (+) and net exports (-)

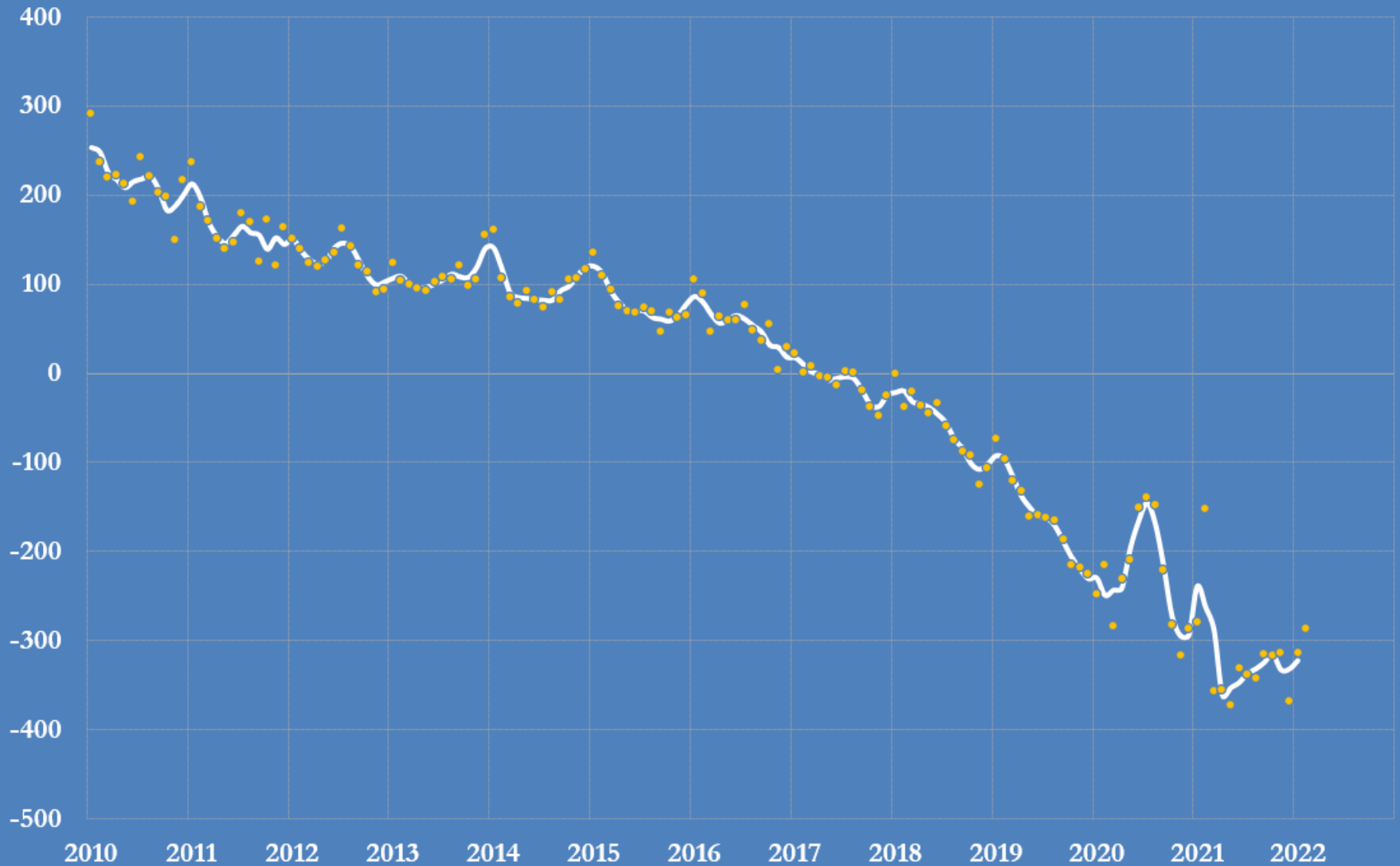


Source: U.S. Energy Information Administration

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U.S. net gas trade, 2010-2022

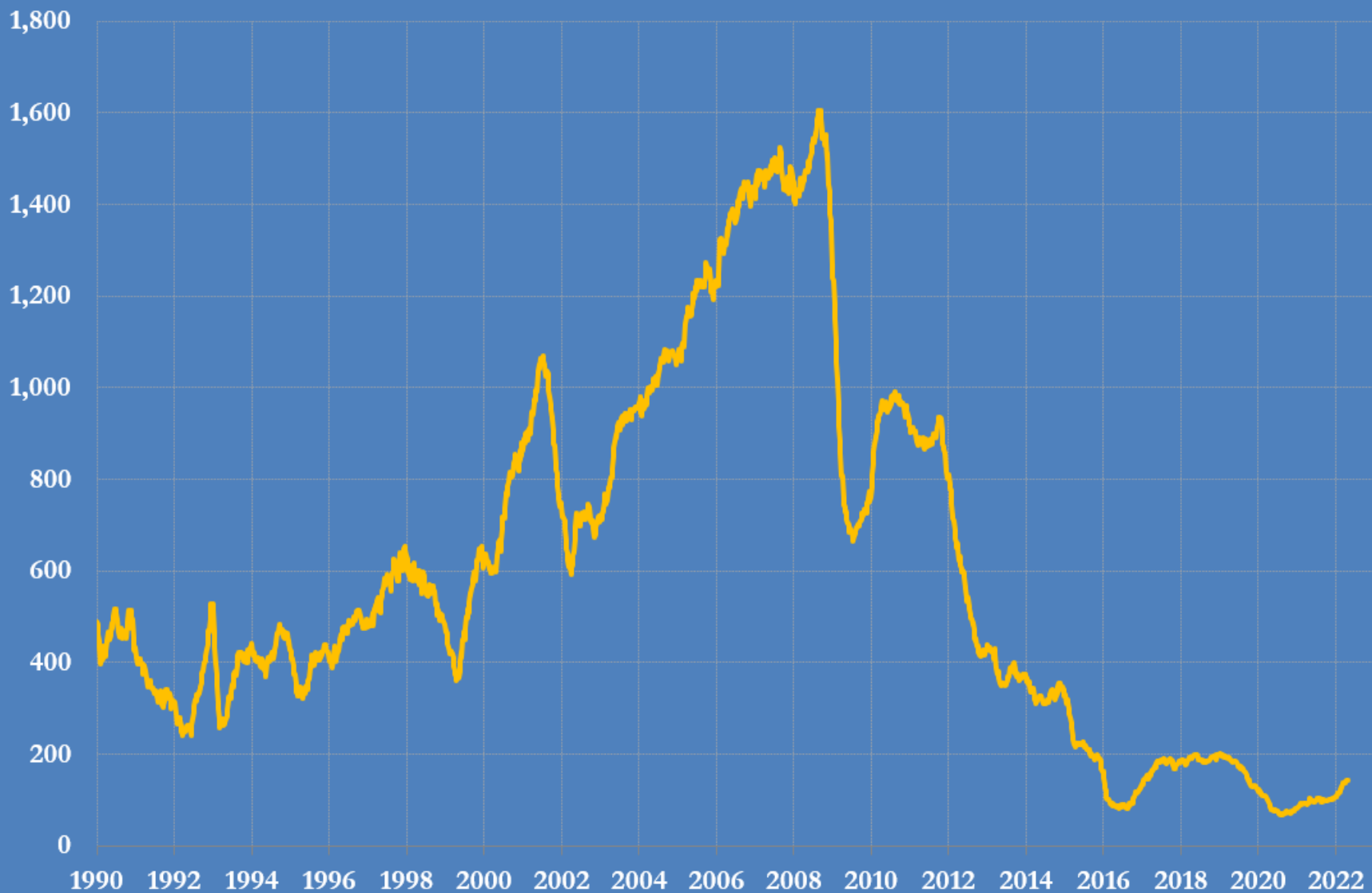
net imports (+) and net exports (-), monthly, billion cubic feet



Source: U.S. Energy Information Administration

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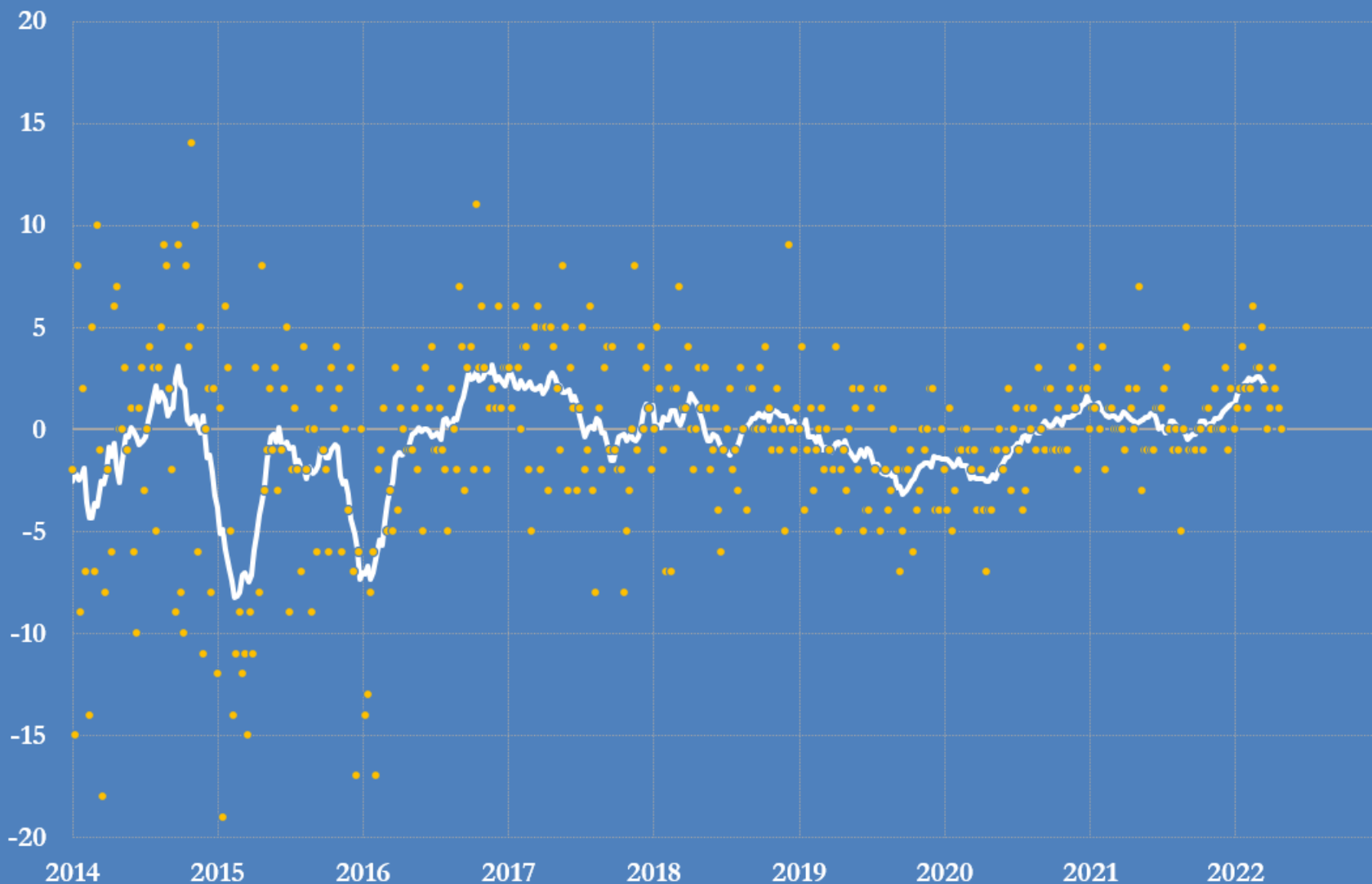
Number of rigs drilling for gas in the United States, 1990-2022



Source: Baker Hughes

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Number of rigs drilling for gas in the United States weekly change and 13-week centred moving average



Source: Baker Hughes

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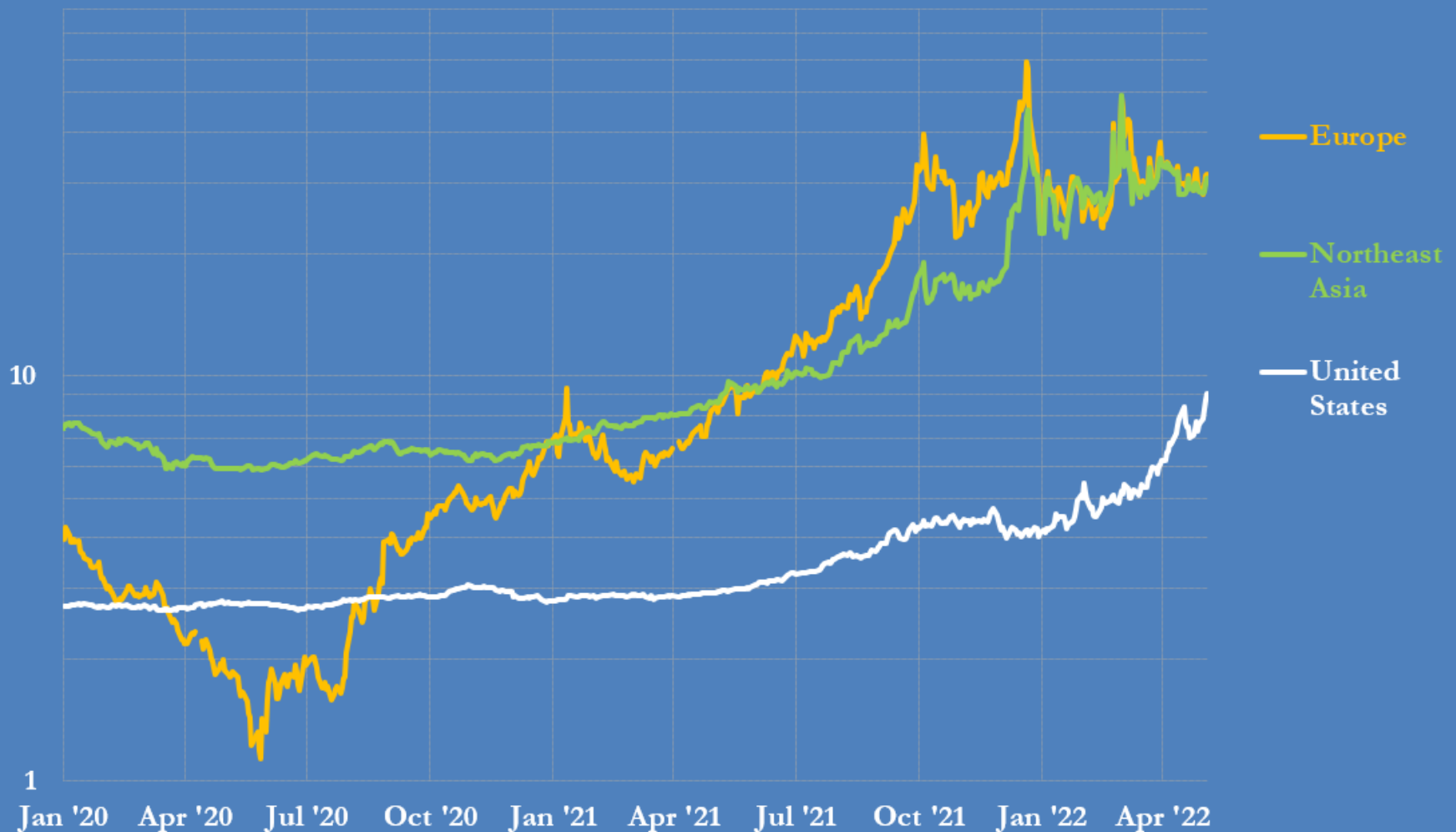
Global gas prices, 2020-2022
futures prices for gas delivered in Jan 2023
U.S.\$ per million British thermal units



Sources: CME Group, ICE ENDEX

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Global gas prices, 2020-2022
futures prices for gas delivered in Jan 2023
U.S.\$ per million British thermal units - semi-logarithmic scale



Sources: CME Group, ICE ENDEX

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