

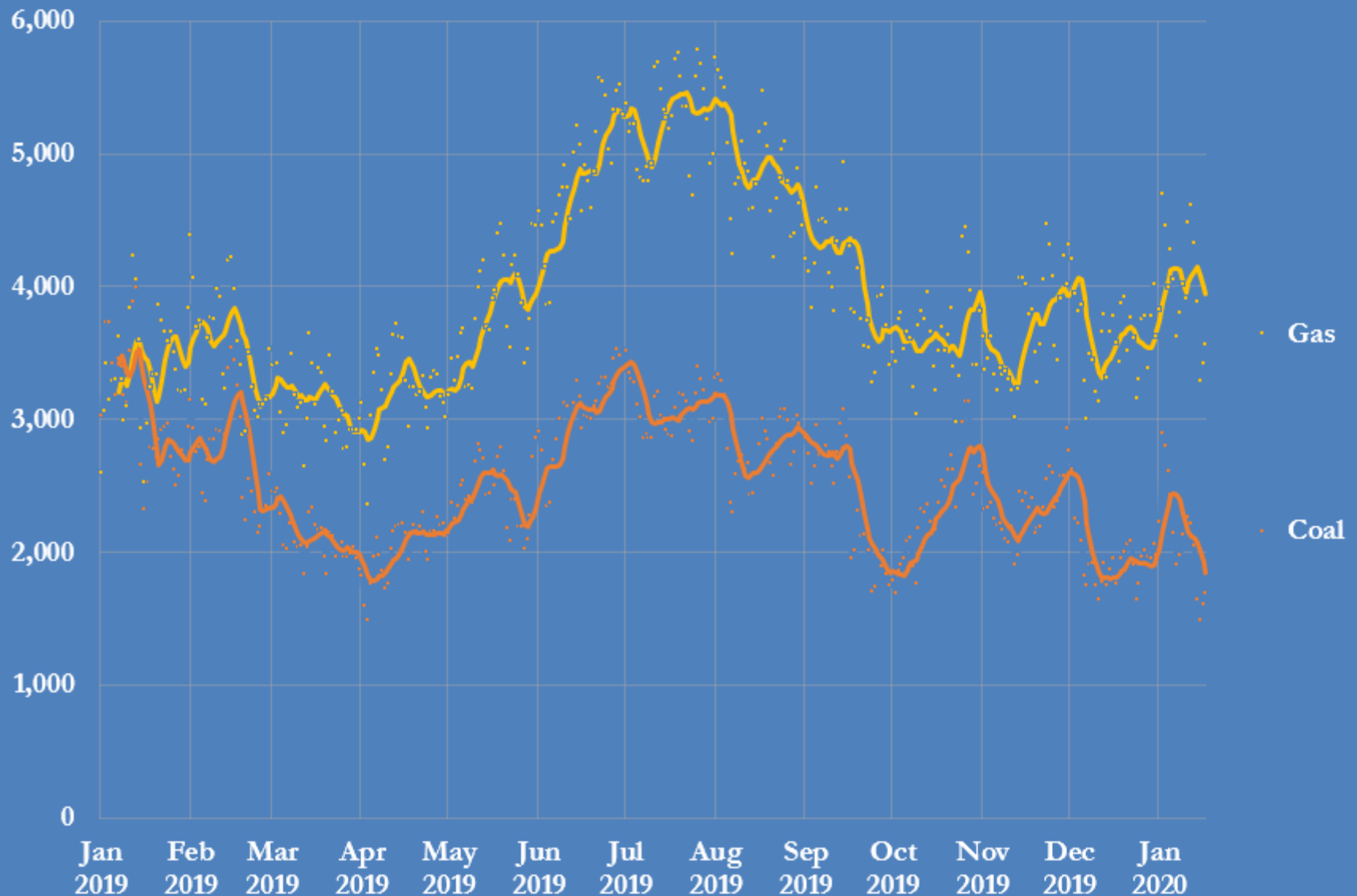
U.S. coal-fired and gas-fired power generation

Selected indicators

JOHN KEMP
REUTERS
6 Feb 2020

U.S. power generation by fuel source

Lower 48 states, daily and 7-day average, GWh

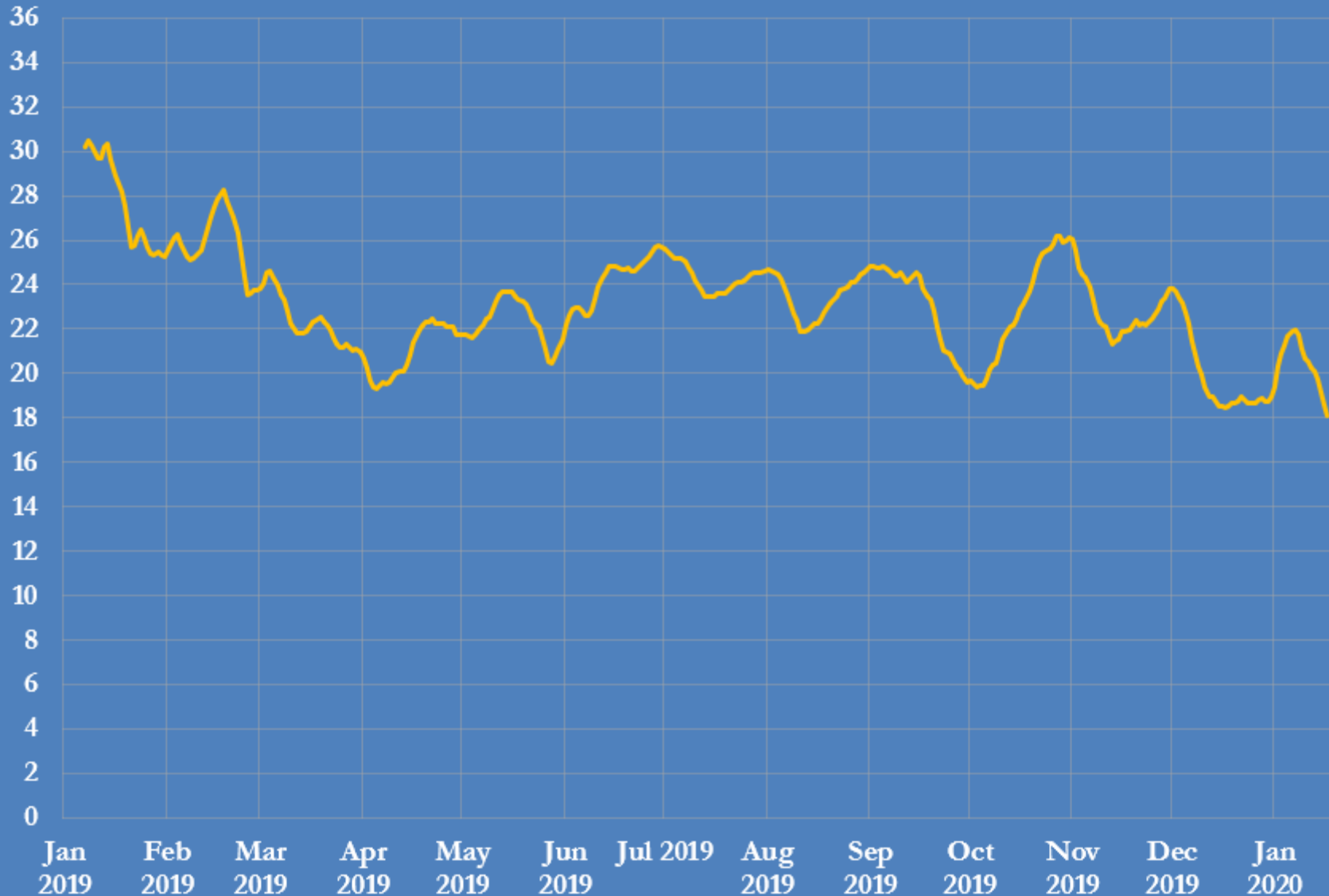


Source: U.S. Energy Information Administration

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U.S. coal-fired generation as percent of all power generation

Seven-day average

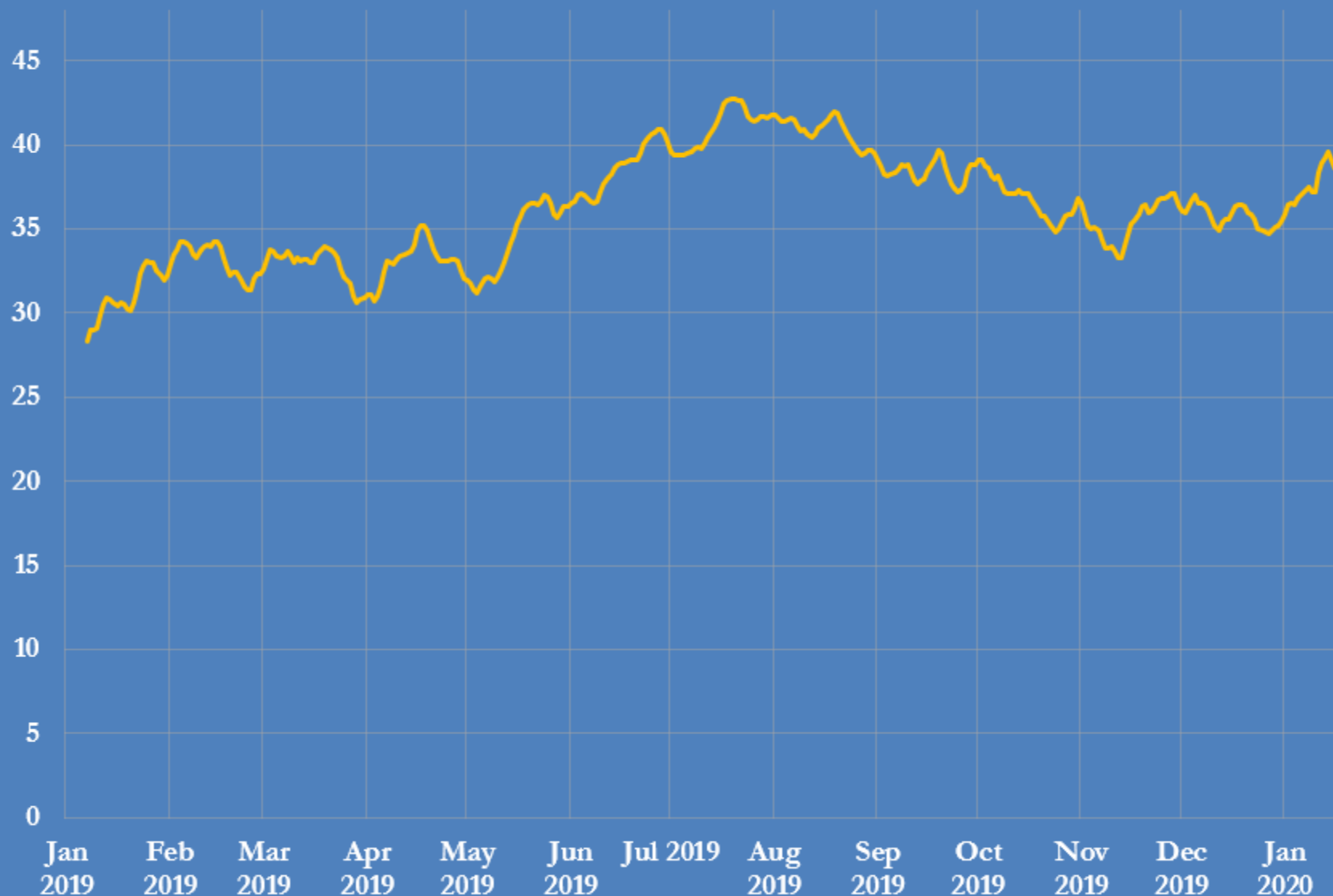


Source: U.S. Energy Information Administration

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U.S. gas-fired generation as percent of all power generation

Seven-day average



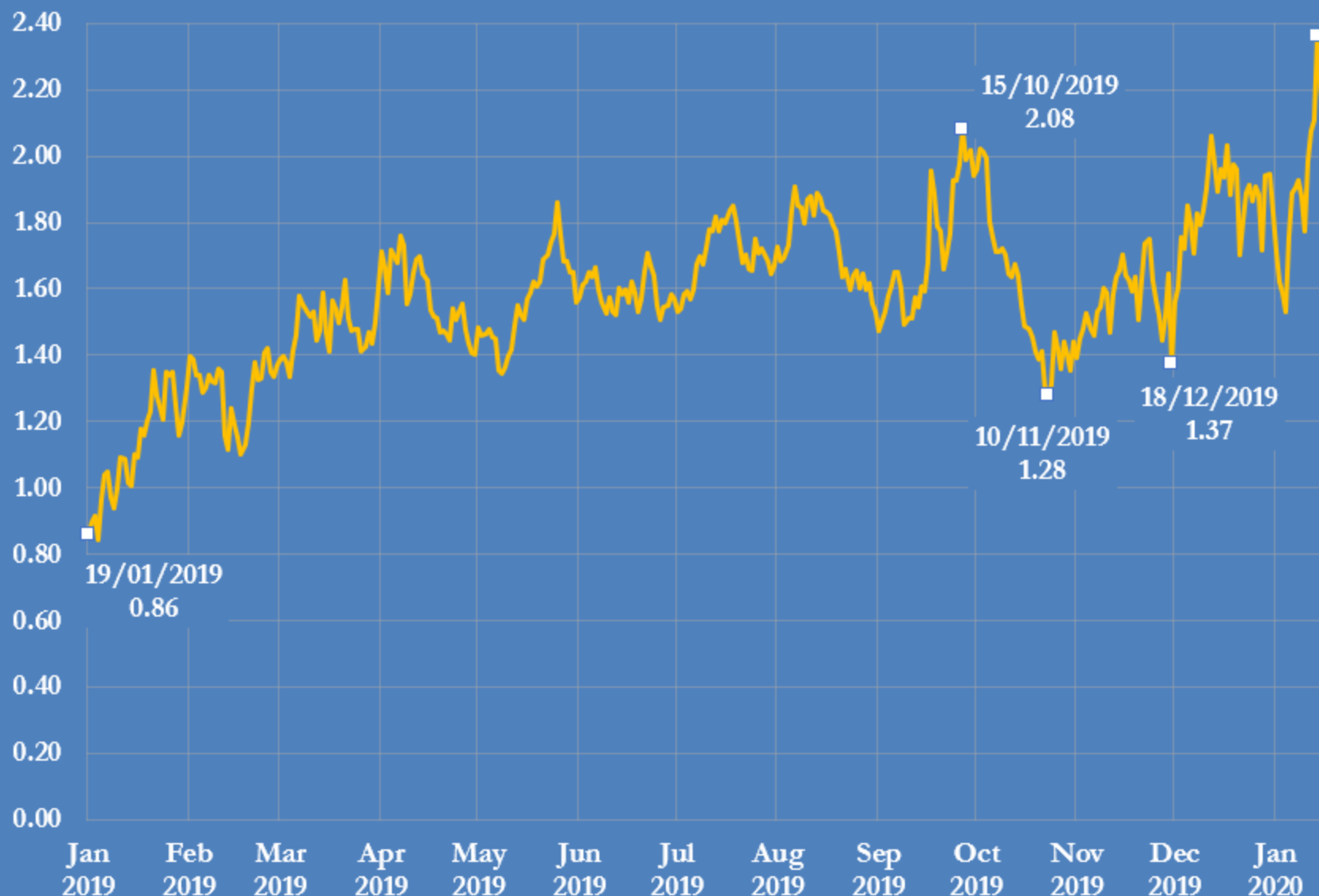
Source: U.S. Energy Information Administration

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Ratio of gas-fired to coal-fired power generation

Lower 48 states, ratio of daily MWh

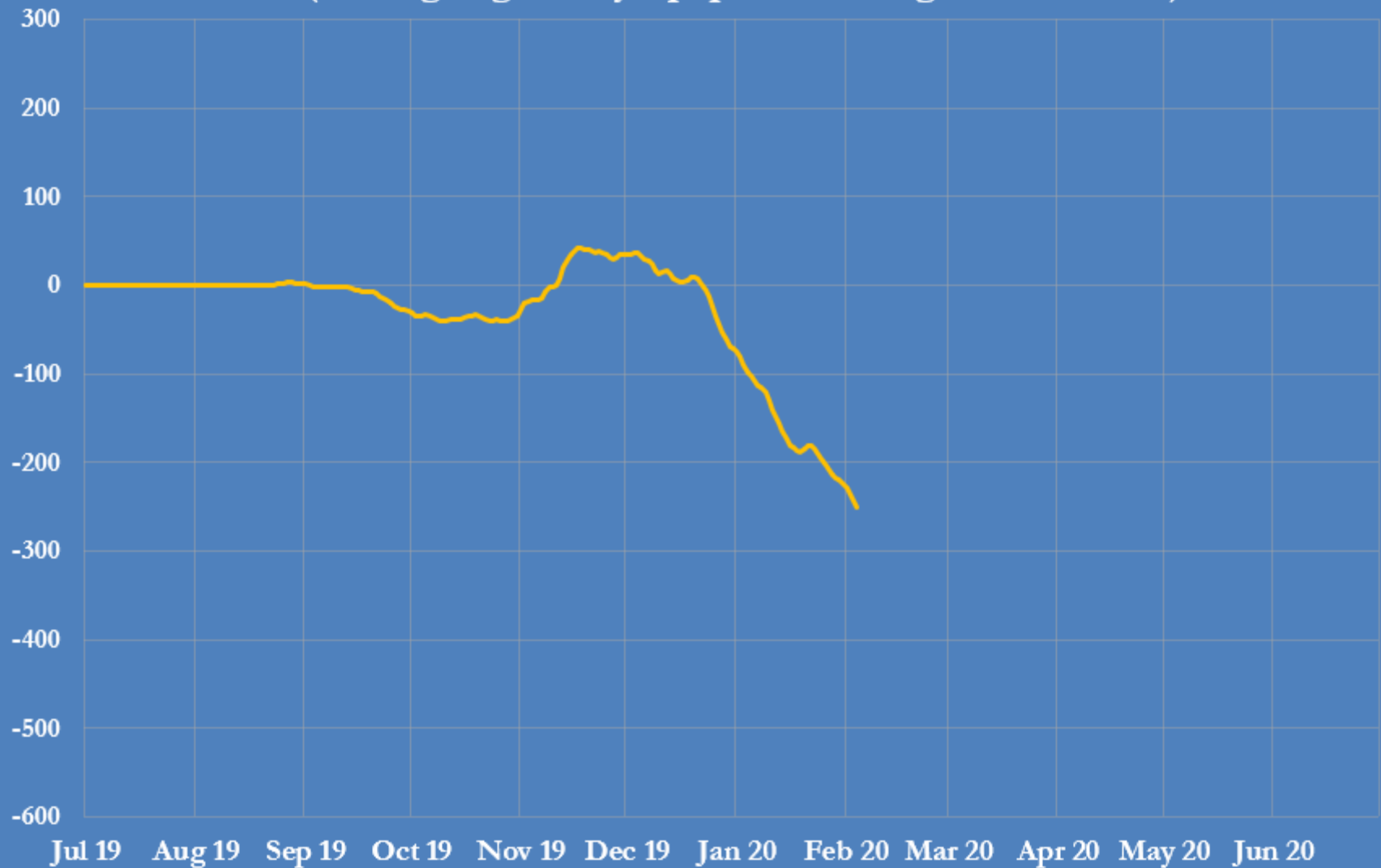
01/02/2020
2.36



Source: U.S. Energy Information Administration

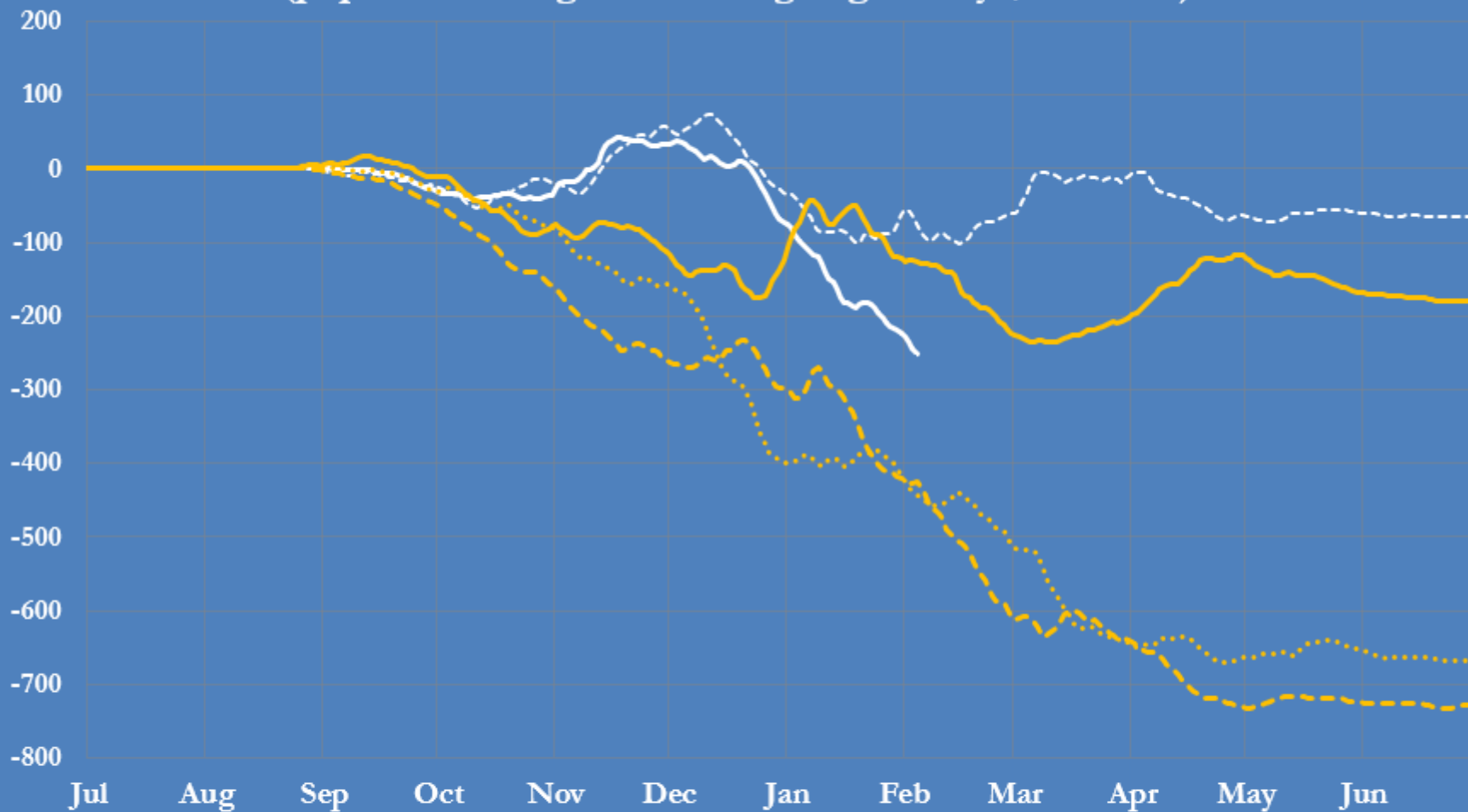
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U.S. heating demand: cumulative deviation from normal since July 1, 2019 (heating degree days, population-weighted, CONUS)



Source: Climate Prediction Center, US National Oceanic and Atmospheric Administration
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U.S. heating demand: cumulative deviation from normal (population-weighted heating degree days, CONUS)

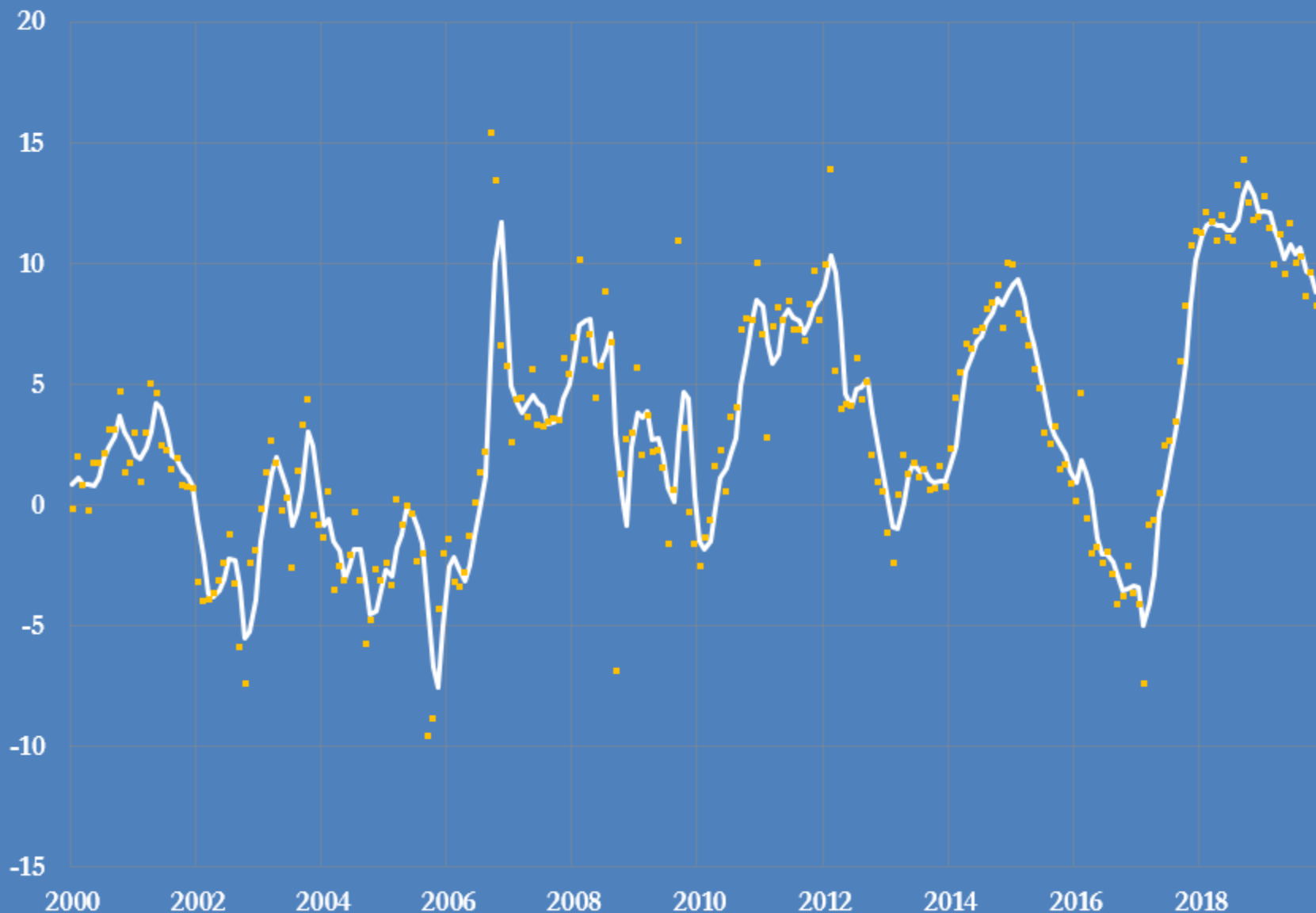


— Heating Year 2019/20
---- Heating Year 2018/19
— Heating Year 2017/18
-- Heating Year 2016/17
..... Heating Year 2015/16

Source: Climate Prediction Center, US National Oceanic and Atmospheric Administration, @JKempEnergy

U.S. natural gas production, 2000-2019

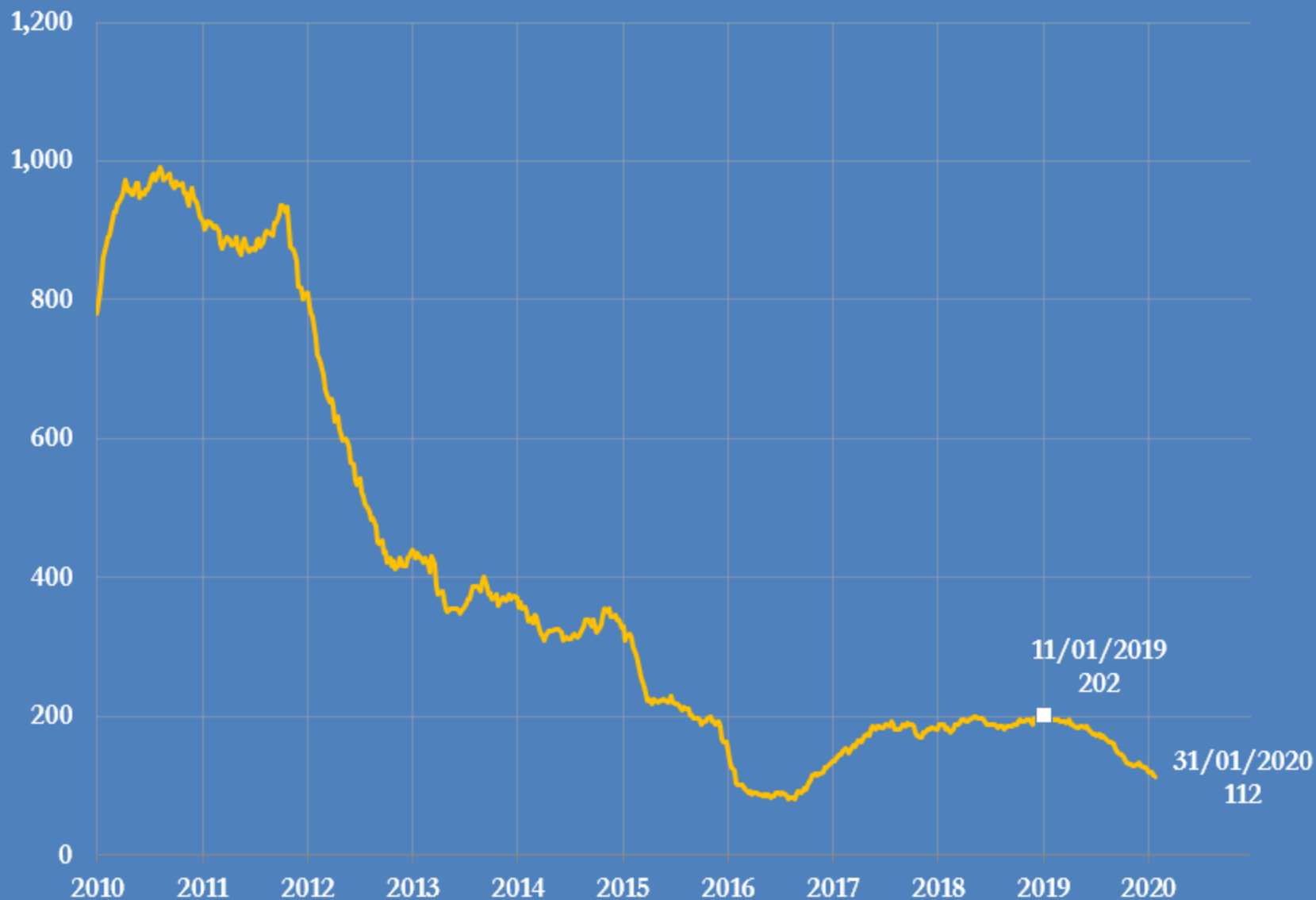
Dry gas, percent change from prior year, monthly and 3-month average



Source: U.S. Energy Information Administration

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Number of rigs drilling for gas in the United States

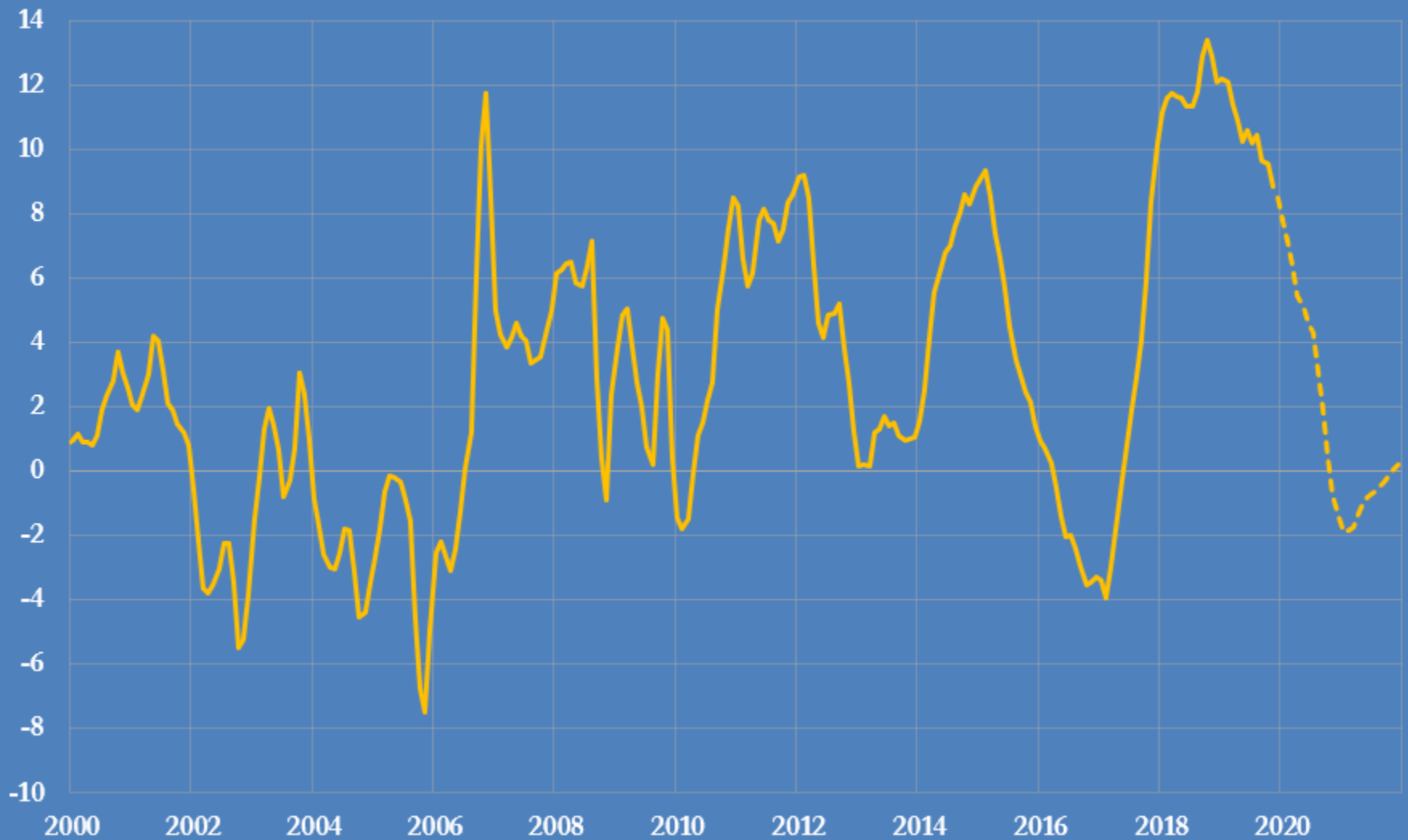


Source: Baker Hughes

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U.S. natural gas production, 2000-2021

dry gas, percent change from prior year, three-month average
actual and forecast



Source: U.S. Energy Information Administration ("Short-Term Energy Outlook", Jan 2020)
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