U.S. natural gas prices and stocks
Selected indicators

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REUTERS
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U.S. natural gas prices, 1992-2018
Front-month Henry Hub price, 20-day average, U.S.$ per million BTUs

Source: New York Mercantile Exchange
@JKempEnergy
U.S. working gas stocks in underground storage
billion cubic feet

Day of the year (n/366)

Weekly change in U.S. natural gas inventories
Working stocks in underground storage, Lower 48 states, billion cubic feet

- 5-Year average change in stocks
- 2018 change in stocks

Source: US Energy Information Administration
@JKempEnergy
U.S. natural gas stocks versus cooling demand
Weekly change in stocks vs population-weighted CDDs

\[ y = -0.0153x^2 + 0.785x + 88.368 \]
\[ R^2 = 0.8255 \]

\[ y = -0.0191x^2 + 1.1164x + 60.38 \]
\[ R^2 = 0.6542 \]

\[ y = -0.0164x^2 + 1.0163x + 58.065 \]
\[ R^2 = 0.9013 \]

Source: U.S. Climate Prediction Center, U.S. Energy Information Administration, @JKempEnergy
U.S. gas stocks at the end of first week in Sept., 1994-2018
billion cubic feet

Source: U.S. Energy Information Administration

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U.S. cooling demand: daily population-weighted cooling degree days in 2018 versus long-term average (CONUS)

Source: Climate Prediction Center, US National Oceanic and Atmospheric Administration
U.S. cooling demand: cumulative deviation from normal since Jan 1, 2018 (cooling degree days, population-weighted, CONUS)

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

Source: Climate Prediction Center, US National Oceanic and Atmospheric Administration, @JKempEnergy
U.S. power producers' net electrical generation, 1973-2018
million kilowatthours, monthly and 12-month average

Source: U.S. Energy Information Administration, Monthly Energy Review Table 7.2b  @JKempEnergy
Consumption of natural gas by U.S. power producers billion cubic feet per month with 12-month moving average

Source: US Energy Information Administration

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Consumption of natural gas by U.S. power producers
Percentage change from same month a year earlier

Source: US Energy Information Administration

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Production of natural gas in the United States
bcf/mth of marketed dry gas production with 12-mth moving avg

Source: US Energy Information Administration
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Weekly change in number of rigs drilling for gas in the United States (four-week moving average shown)

Source: Baker Hughes
Money managers' long and short positions in US natural gas futures (NYMEX + ICE Henry Hub) billion cubic feet

Source: US Commodity Futures Trading Commission
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Money managers' net long position in U.S. natural gas
Combined NYMEX + ICE contracts, weekly change, billion cubic feet

Source: US Commodity Futures Trading Commission
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Ratio of money managers' long to short positions in U.S. natural gas (NYMEX +ICE)

Source: US Commodity Futures Trading Commission
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