



WEEKLY NATURAL GAS MARKET UPDATE

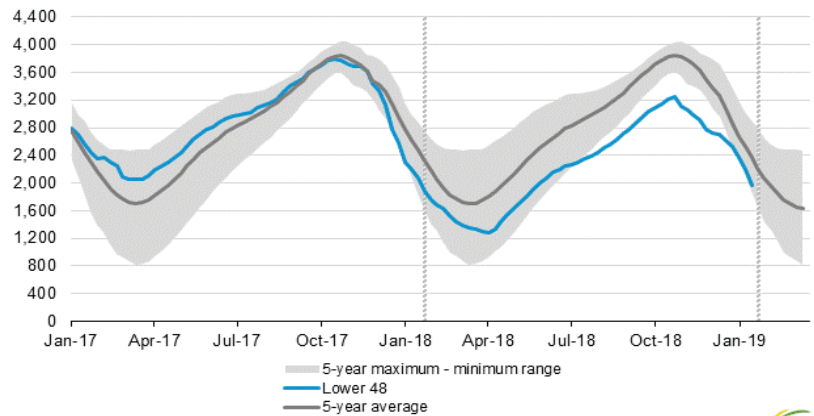
FEBRUARY 11, 2019

The Mar-2019 NYMEX natural gas contract closed Friday at \$2.583, down \$0.151 for the week. The 12-month strip average price of natural gas fell by \$0.057 over the same period. The Mar-2019 NYMEX crude oil contract closed Friday at \$52.72, down \$2.54 for the week. Most recent forecasts from the NOAA suggest that temperatures will return to below normal for most of the US through the end of this month. Current indications are that pattern is likely to persist through the early part of March as well. Baker Hughes reported on Friday that the US natural gas rig count was down by 3 to 195 while total rigs (gas/oil combined) were up by 4 to 1049. In its most recent natural gas storage data, the EIA reported a withdrawal of 237 Bcf from national inventories, a number at the low end of consensus market expectations. Early estimates for this week's report indicate an expected withdrawal in the range of 70 to 90 Bcf vs. a withdrawal of 183 Bcf for the same week last year and a 5-yr avg. withdrawal of 163 Bcf.

EIA NATURAL GAS STORAGE REPORT
Week Ending February 1, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	468	-59	493	530
Midwest	522	-84	551	612
Mountain	105	-9	132	142
Pacific	172	-6	214	232
S. Central	692	-79	705	858
Total	1960	-237	2095	2375

WORKING GAS IN UNDERGROUND STORAGE
COMPARED WITH 5-YEAR RANGE

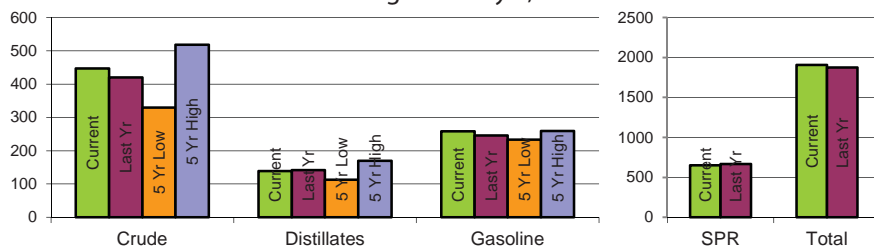


Source: U.S. Energy Information Administration



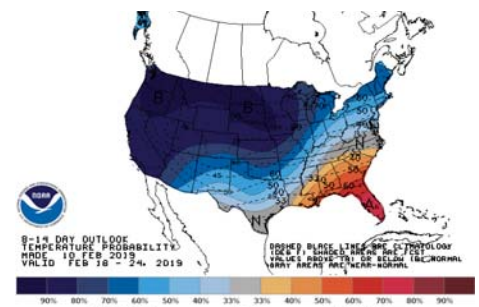
Storage Highlights: Working gas in storage was 1,960 Bcf as of Friday, February 1, 2019, according to EIA estimates. This represents a net decrease of 237 Bcf from the previous week. Stocks were 135 Bcf less than last year at this time and 415 Bcf below the five-year average of 2,375 Bcf. At 1,960 Bcf, total working gas is within the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)
Week Ending February 1, 2019

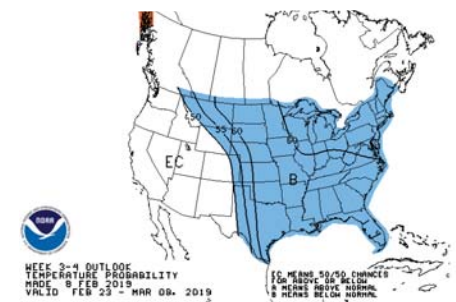


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) increased by 1.3 million barrels from the previous week. At 447.2 million barrels, U.S. crude oil inventories are about 6% above the five year average for this time of year. Total motor gasoline inventories increased by 0.5 million barrels last week and are about 5% above the five year average for this time of year. Finished gasoline inventories decreased while blending components inventories increased last week. Distillate fuel inventories decreased by 2.3 million barrels last week and are about 4% below the five year average for this time of year. Propane/propylene inventories decreased by 2.6 million barrels last week and are about 4% above the five year average for this time of year. Total commercial petroleum inventories decreased last week by 3.4 million barrels last week.

8-14 DAY TEMP OUTLOOK (NOAA)



3-4 WEEK TEMP OUTLOOK (NOAA)



BAKER HUGHES US NATURAL GAS RIG COUNT, 02/08/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	195	-3	198	+11	184