



WEEKLY NATURAL GAS MARKET UPDATE

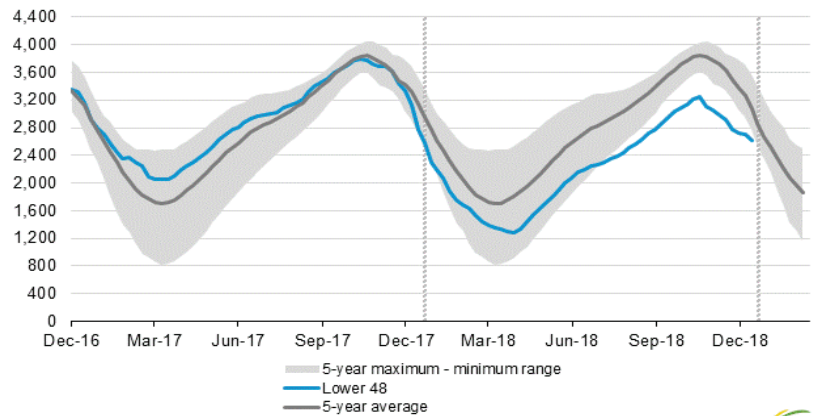
JANUARY 14, 2019

The Feb-2019 NYMEX natural gas contract closed Friday at \$3.099, up \$0.055 for the week. The 12-month strip average price of natural gas rose by \$0.095 over the same period. The Feb-2019 NYMEX crude oil contract closed Friday at \$51.59 up \$3.63 for the week. Updated NOAA forecasts suggest that what could be a fairly long stretch of below normal temps is expected to settle in over much of the US in the days ahead. Later this week the NOAA will update its outlook for the remainder of the winter. Baker Hughes reported on Friday that the US natural gas rig count was up 4 to 202 while total rigs (gas/oil combined) were unchanged at 1075. In its most recent natural gas storage data, the EIA reported a withdrawal of 91 Bcf from national inventories, a number at the high end of consensus market expectations. Early estimates for this week's report indicate an expected withdrawal in the range of 80 to 90 Bcf vs. a withdrawal of 208 Bcf for the same week last year and a 5-yr avg. withdrawal of 218 Bcf.

EIA NATURAL GAS STORAGE REPORT
Week Ending January 4, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	651	-10	675	720
Midwest	763	-35	792	835
Mountain	132	-15	169	173
Pacific	204	-16	253	279
S. Central	865	-13	929	1070
Total	2614	-91	2818	3078

WORKING GAS IN UNDERGROUND STORAGE
COMPARED WITH 5-YEAR RANGE

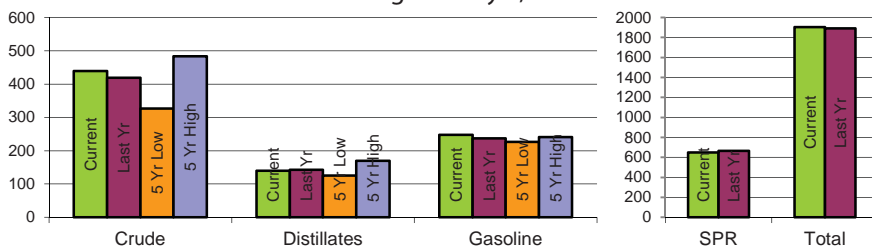


Source: U.S. Energy Information Administration



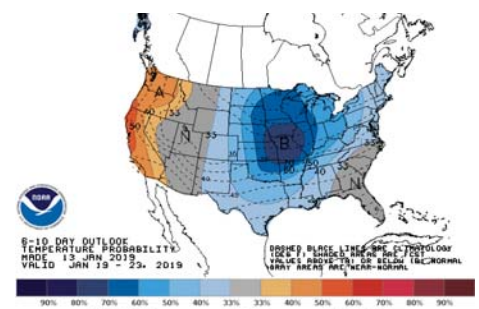
Storage Highlights: Working gas in storage was 2,614 Bcf as of Friday, January 4, 2019, according to EIA estimates. This represents a net decrease of 91 Bcf from the previous week. Stocks were 204 Bcf less than last year at this time and 464 Bcf below the five-year average of 3,078 Bcf. At 2,614 Bcf, total working gas is below the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)
Week Ending January 4, 2019

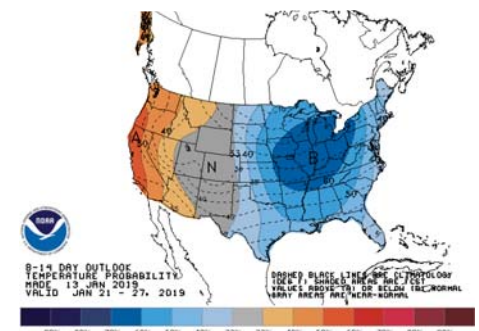


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) decreased by 1.7 million barrels from the previous week. At 439.7 million barrels, U.S. crude oil inventories are about 8% above the five year average for this time of year. Total motor gasoline inventories increased by 8.1 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 increased by 10.6 million barrels last week and are about 5% below the five year average for this time of year. Propane/propylene inventories decreased by 1.9 million barrels last week and are about 3% below the five year average for this time of year. Total commercial petroleum inventories increased last week by 13.3 million barrels last week.

6-10 DAY TEMP OUTLOOK (NOAA)



8-14 DAY TEMP OUTLOOK (NOAA)



BAKER HUGHES US NATURAL GAS RIG COUNT, 01/11/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	202	+4	198	+15	187