



## WEEKLY NATURAL GAS MARKET UPDATE

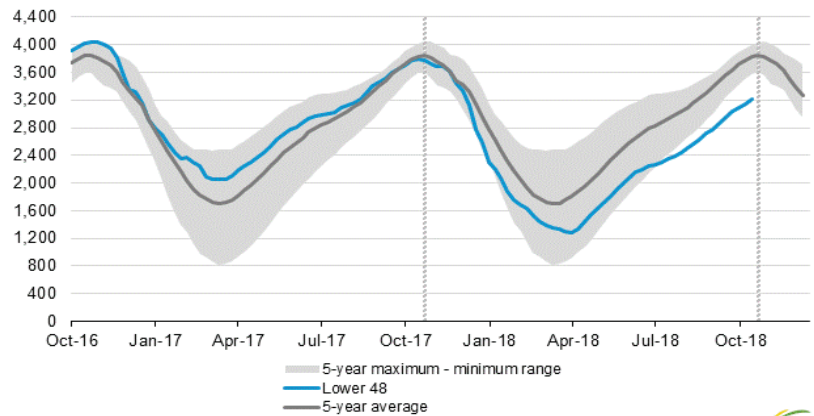
NOVEMBER 12, 2018

The Dec-2018 NYMEX natural gas contract closed Friday at \$3.719, up \$0.435 for the week. The 12-month strip average price of natural gas rose by \$0.170 over the same period. The Dec-2018 NYMEX crude oil contract closed Friday at \$60.19, down \$2.95 for the week. NOAA forecasts suggest that after a period of much below normal temps during the next ~week, things are likely to moderate for much of the US during late Nov. Later this week the NOAA will release its updated outlook for this winter. Baker Hughes reported on Friday that the US natural gas rig count rose by 2 to 195 while total rigs (gas/oil combined) were up by 14 to 1081. In its most recent natural gas storage data, the EIA reported an injection of 65 Bcf into national inventories, a number in line with consensus market expectations. Early estimates for this week's report indicate an expected injection (likely this year's last) in the range of 30 to 40 Bcf vs. a withdrawal of 13 Bcf for the same week last year and a 5-yr avg. injection of 19 Bcf.

EIA NATURAL GAS STORAGE REPORT  
Week Ending November 2, 2018

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	831	+5	925	919
Midwest	980	+24	1111	1093
Mountain	182	+2	224	219
Pacific	265	+3	317	351
S. Central	949	+30	1210	1246
<b>Total</b>	<b>3208</b>	<b>+65</b>	<b>3788</b>	<b>3829</b>

WORKING GAS IN UNDERGROUND STORAGE  
COMPARED WITH 5-YEAR RANGE

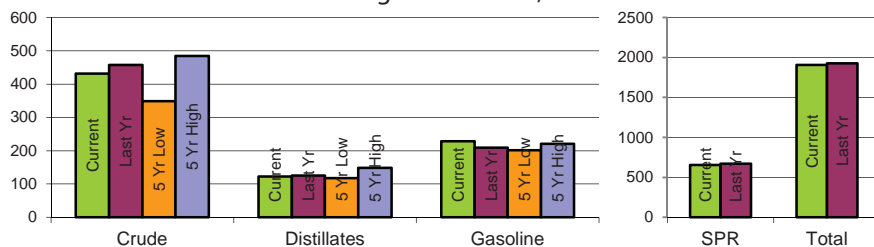


Source: U.S. Energy Information Administration



Storage Highlights: Working gas in storage was 3,208 Bcf as of Friday, November 2, 2018, according to EIA estimates. This represents a net increase of 65 Bcf from the previous week. Stocks were 580 Bcf less than last year at this time and 621 Bcf below the five-year average of 3,829 Bcf. At 3,208 Bcf, total working gas is below the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)  
Week Ending November 2, 2018

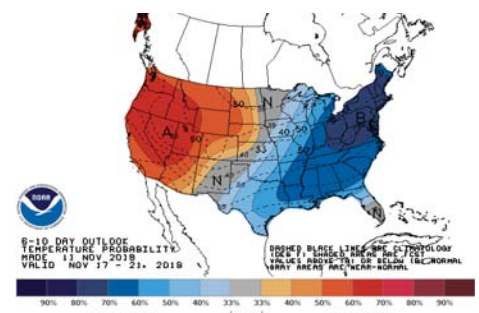


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) increased by 5.8 million barrels from the previous week. At 431.8 million barrels, U.S. crude oil inventories are about 3% above the five year average for this time of year. Total motor gasoline inventories increased by 1.9 million barrels last week and are about 8% 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 3.5 million barrels last week and are about 6% below the five year average for this time of year. Propane/propylene inventories increased by 1.5 million barrels last week and are at the five year average for this time of year. Total commercial petroleum inventories increased last week by 4.8 million barrels last week.

BAKER HUGHES US NATURAL GAS RIG COUNT, 11/09/2018

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	195	+2	193	+26	169

6-10 DAY TEMP OUTLOOK (NOAA)



8-14 DAY TEMP OUTLOOK (NOAA)

