



## WEEKLY NATURAL GAS MARKET UPDATE

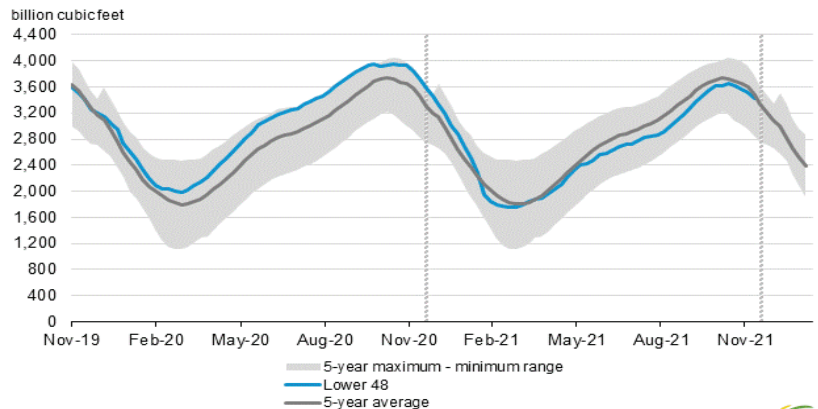
DECEMBER 20, 2021

The Jan-2022 NYMEX natural gas contract closed Friday at \$3.690, down \$0.235 for the week. The 12-month strip average price of natural gas fell by \$0.226 over the same period. The Jan-2022 NYMEX crude oil contract closed Friday at \$70.86, down \$0.81 for the week. Updated long term forecasts released by the NOAA last week indicate near normal temperatures are likely for much of the US during January. Thereafter, however, the NOAA is suggesting we may see a moderation in temperatures for February & March. Baker Hughes reported on Friday that the US natural gas rig count was down 1 to 104 while total rigs (gas/oil combined) were up 3 to 579. In its most recent natural gas storage data, the EIA reported a withdrawal of 88 Bcf from national inventories, a number in line with consensus market expectations. Early estimates for this week's report indicate an expected withdrawal in the range of 50 to 60 Bcf vs. a withdrawal of 147 Bcf for the same week last year and a 5-yr avg. withdrawal of 153 Bcf.

EIA NATURAL GAS STORAGE REPORT  
Week Ending December 10, 2021

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	818	-25	886	830
Midwest	982	-37	1064	1000
Mountain	199	-7	224	205
Pacific	261	-5	307	285
S. Central	1158	-13	1261	1160
Total	3417	-88	3743	3481

WORKING GAS IN UNDERGROUND STORAGE  
COMPARED WITH 5-YEAR RANGE

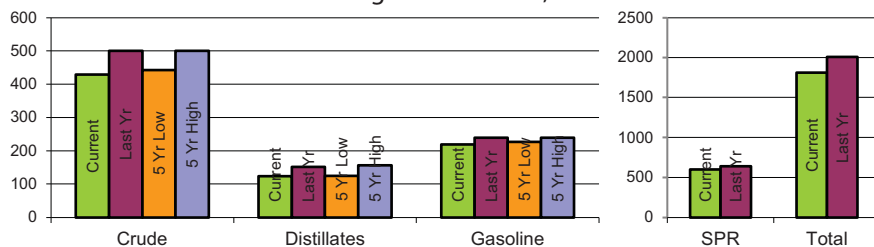


Source: U.S. Energy Information Administration



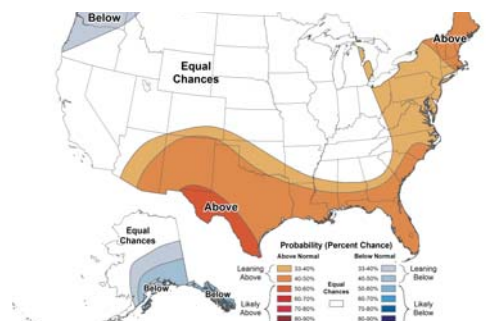
Storage Highlights: Working gas in storage was 3,417 Bcf as of Friday, December 10, 2021, according to EIA estimates. This represents a net decrease of 88 Bcf from the previous week. Stocks were 326 Bcf less than last year at this time and 64 Bcf below the five-year average of 3,481 Bcf. At 3,417 Bcf, total working gas is within the five-year historical range. (Totals may not equal sum of components because of independent rounding)

EIA PETROLEUM INVENTORY (BARRELS X 1000)  
Week Ending December 10, 2021

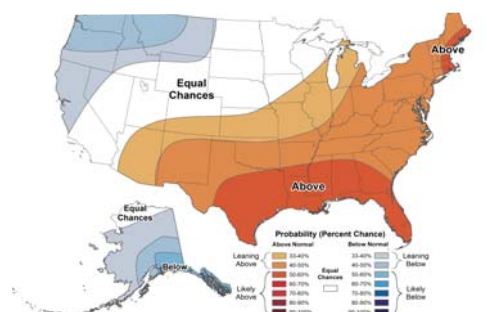


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) decreased by 4.6 million barrels from the previous week. At 428.3 million barrels, U.S. crude oil inventories are about 7% below the five year average for this time of year. Total motor gasoline inventories decreased by 0.7 million barrels last week and are about 6% below the five year average for this time of year. Finished gasoline inventories remained unchanged while blending components inventories decreased last week. Distillate fuel inventories decreased by 2.9 million barrels last week and are about 9% below the five year average for this time of year. Propane/propylene inventories decreased by 2.4 million barrels last week and are about 10% below the five year average for this time of year. Total commercial petroleum inventories decreased by 15.9 million barrels last week.

JAN-2022 TEMP OUTLOOK (NOAA)



JAN-MAR TEMP OUTLOOK (NOAA)



BAKER HUGHES US NATURAL GAS RIG COUNT, 12/17/2021

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	104	-1	105	+23	81