



## WEEKLY NATURAL GAS MARKET UPDATE

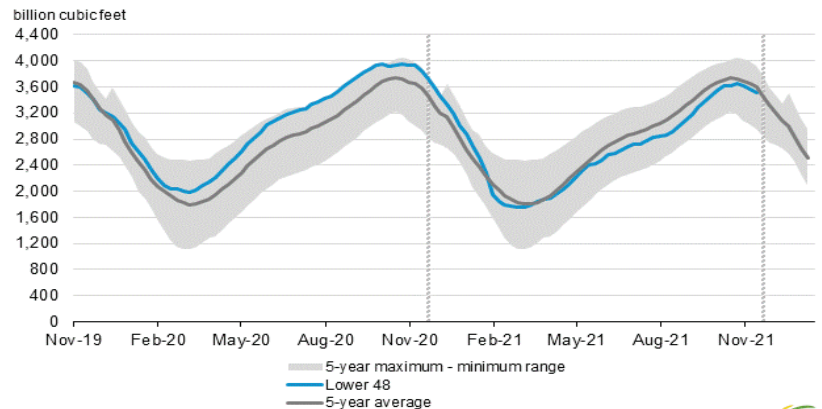
DECEMBER 13, 2021

The Jan-2022 NYMEX natural gas contract closed Friday at \$3.925 down \$0.207 for the week. The 12-month strip average price of natural gas fell by \$0.040 over the same period. The Jan-2022 NYMEX crude oil contract closed Friday at \$71.67, up \$5.41 for the week. Updated NOAA forecasts suggest that a shift to below normal temperatures may be coming for a sizable portion of the US in the weeks ahead. Later this week the NOAA will release its updated outlook for the entire winter. Baker Hughes reported on Friday that the US natural gas rig count was up 3 to 105 while total rigs (gas/oil combined) were up 7 to 576. In its most recent natural gas storage data, the EIA reported a withdrawal of 59 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 100 Bcf vs. a withdrawal of 118 Bcf for the same week last year and a 5-yr avg. withdrawal of 114 Bcf.

EIA NATURAL GAS STORAGE REPORT  
Week Ending December 3, 2021

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	843	-24	918	859
Midwest	1019	-24	1099	1036
Mountain	206	-0-	233	213
Pacific	266	+3	313	294
S. Central	1171	-14	1299	1192
Total	3505	-59	3861	3595

WORKING GAS IN UNDERGROUND STORAGE  
COMPARED WITH 5-YEAR RANGE

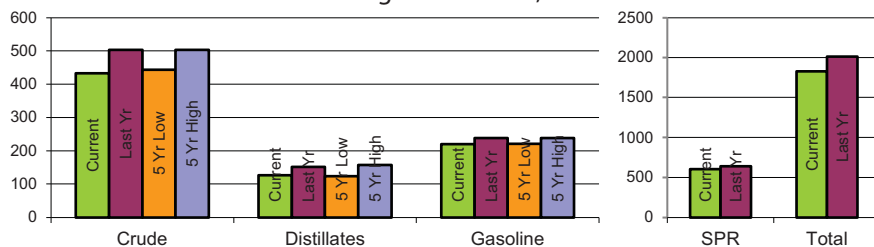


Source: U.S. Energy Information Administration



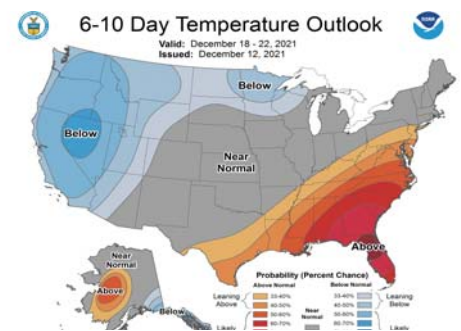
Storage Highlights: Working gas in storage was 3,505 Bcf as of Friday, December 3, 2021, according to EIA estimates. This represents a net decrease of 59 Bcf from the previous week. Stocks were 356 Bcf less than last year at this time and 90 Bcf below the five-year average of 3,595 Bcf. At 3,505 Bcf, 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 3, 2021

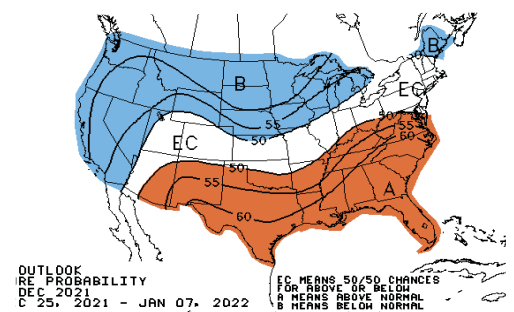


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) decreased by 0.2 million barrels from the previous week. At 432.9 million barrels, U.S. crude oil inventories are about 7% below the five year average for this time of year. Total motor gasoline inventories increased by 3.9 million barrels last week and are about 5% below 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 2.7 million barrels last week and are about 7% below the five year average for this time of year. Propane/propylene inventories increased by 0.6 million barrels last week and are about 11% below the five year average for this time of year. Total commercial petroleum inventories increased by 4.2 million barrels last week.

6-10 DAY TEMP OUTLOOK (NOAA)



3-4 WEEK TEMP OUTLOOK (NOAA)



BAKER HUGHES US NATURAL GAS RIG COUNT, 12/10/2021

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	105	+3	102	+26	79