



## WEEKLY NATURAL GAS MARKET UPDATE

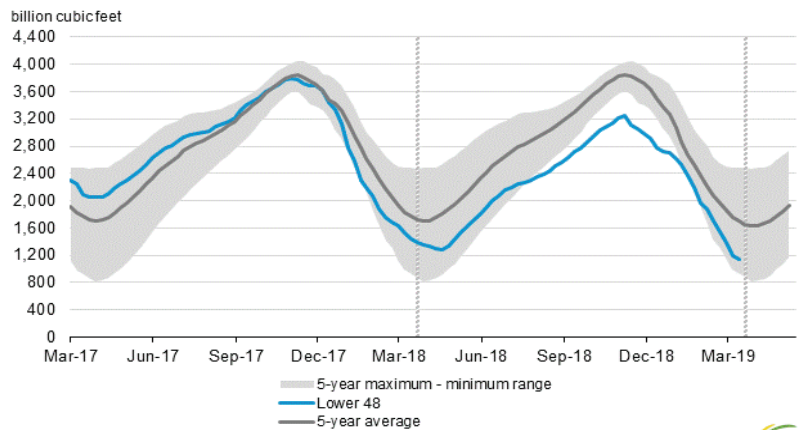
MARCH 25, 2019

The Apr-2019 NYMEX natural gas contract closed Friday at \$2.753, down \$0.042 for the week. The 12-month strip average price of natural gas fell by \$0.017 over the same period. The Apr-2019 natural gas contract expires this Wednesday, 3/27. The May-2019 NYMEX crude oil contract closed Friday at \$59.04, up \$0.22 for the week. Updated NOAA forecasts suggest that temps for April will be above normal over the eastern ~1/2 of the US. The NOAA is also predicting above normal temps for much of the US this summer. Baker Hughes reported on Friday that the US natural gas rig count was down 1 to 192 while total rigs (gas/oil combined) were down by 10 to 1016. In its most recent natural gas storage data, the EIA reported a withdrawal of 47 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 35 to 45 Bcf vs. a withdrawal of 66 Bcf for the same week last year and a 5-yr avg. withdrawal of 41 Bcf.

EIA NATURAL GAS STORAGE REPORT  
Week Ending March 15, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	245	-17	276	310
Midwest	268	-19	320	374
Mountain	62	-4	90	115
Pacific	96	-6	169	200
S. Central	471	-2	603	699
Total	1143	-47	1458	1699

WORKING GAS IN UNDERGROUND STORAGE  
COMPARED WITH 5-YEAR RANGE

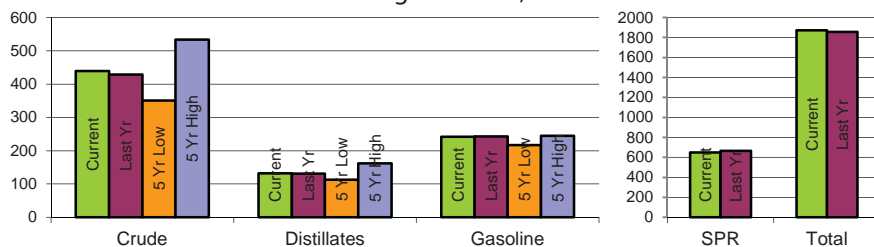


Source: U.S. Energy Information Administration



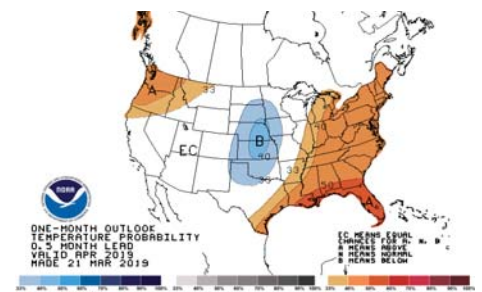
Storage Highlights: Working gas in storage was 1,143 Bcf as of Friday, March 15, 2019, according to EIA estimates. This represents a net decrease of 47 Bcf from the previous week. Stocks were 315 Bcf less than last year at this time and 556 Bcf below the five-year average of 1,699 Bcf. At 1,143 Bcf, total working gas is within the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)  
Week Ending March 15, 2019

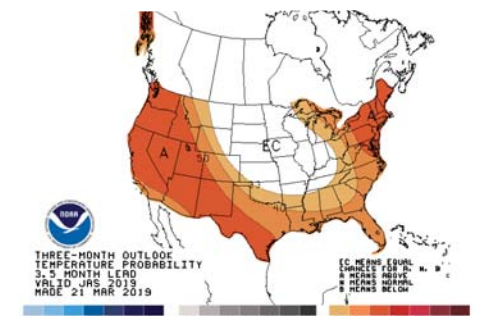


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) decreased by 9.6 million barrels from the previous week. At 439.5 million barrels, U.S. crude oil inventories are about 2% below the five year average for this time of year. Total motor gasoline inventories decreased by 4.6 million barrels last week and are about 2% above the five year average for this time of year. Finished gasoline and blending components inventories both decreased last week. Distillate fuel inventories decreased by 4.1 million barrels last week and are about 4% below the five year average for this time of year. Propane/propylene inventories increased by 1.0 million barrels last week and are about 14% above the five year average for this time of year. Total commercial petroleum inventories decreased last week by 12.6 million barrels last week.

APRIL-2019 TEMP OUTLOOK (NOAA)



J-J-A 2019 TEMP OUTLOOK (NOAA)



BAKER HUGHES US NATURAL GAS RIG COUNT, 03/22/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	192	-1	193	+2	190