



WEEKLY NATURAL GAS MARKET UPDATE

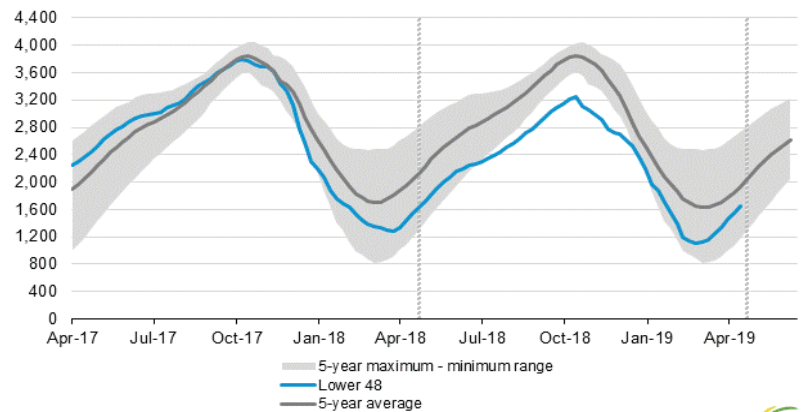
MAY 20, 2019

The June-2019 NYMEX natural gas contract closed Friday at \$2.631, up \$0.012 for the week. The 12-month strip average price of natural gas rose by \$0.016 over the same period. The June-2019 NYMEX crude oil contract closed Friday at \$62.76, up \$1.10 for the week. Updated forecasts from the NOAA suggest that mostly moderate temperatures during June will likely give way to above normal temperatures across much of the US during the peak summer months of July through September. Baker Hughes reported on Friday that the US natural gas rig count was up by 2 to 185 while total rigs (gas/oil combined) were down by 1 to 987. In its most recent natural gas storage data, the EIA reported an injection of 106 Bcf into national inventories, a number in line with consensus market expectations. Early estimates for this week's report indicate an expected injection in the range of 100 to 110 Bcf vs. an injection of 93 Bcf for the same week last year and a 5-yr avg. injection of 88 Bcf.

EIA NATURAL GAS STORAGE REPORT
Week Ending May 10, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	330	+31	270	342
Midwest	336	+27	263	391
Mountain	82	+4	97	126
Pacific	174	+12	203	238
S. Central	731	+32	689	842
Total	1653	+106	1523	1939

WORKING GAS IN UNDERGROUND STORAGE
COMPARED WITH 5-YEAR RANGE

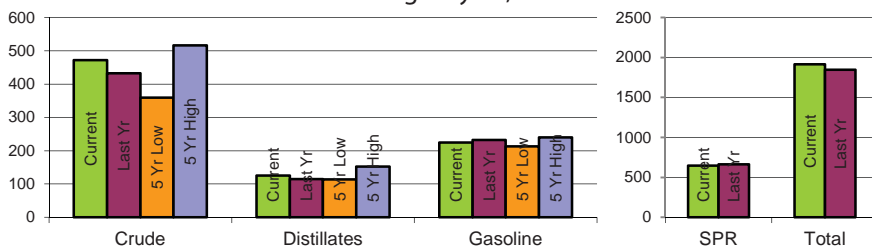


Source: U.S. Energy Information Administration



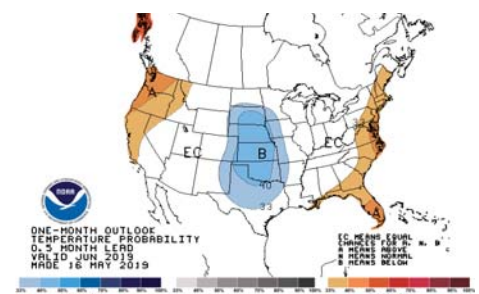
Working gas in storage was 1,653 Bcf as of Friday, May 10, 2019, according to EIA estimates. This represents a net increase of 106 Bcf from the previous week. Stocks were 130 Bcf higher than last year at this time and 286 Bcf below the five-year average of 1,939 Bcf. At 1,653 Bcf, total working gas is within the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)
Week Ending May 10, 2019

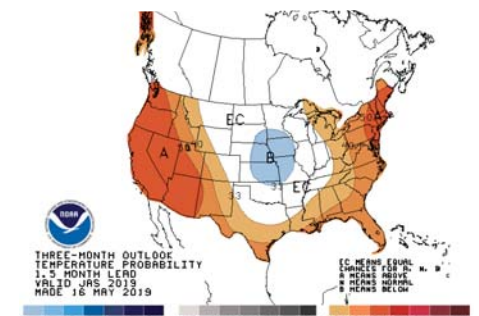


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) increased by 5.4 million barrels from the previous week. At 472.0 million barrels, U.S. crude oil inventories are about 2% above the five year average for this time of year. Total motor gasoline inventories decreased by 1.1 million barrels last week and are about 2% below the five year average for this time of year. Finished gasoline inventories increased while blending components inventories decreased last week. Distillate fuel inventories increased by 0.1 million barrels last week and are about 4% below the five year average for this time of year. Propane/propylene inventories increased by 2.8 million barrels last week and are about 19% above the five year average for this time of year. Total commercial petroleum inventories increased last week by 14.6 million barrels last week.

JUNE '19 TEMP OUTLOOK (NOAA)



SUMMER '19 TEMP OUTLOOK (NOAA)



BAKER HUGHES US NATURAL GAS RIG COUNT, 05/17/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	185	+2	183	-15	200