



WEEKLY NATURAL GAS MARKET UPDATE

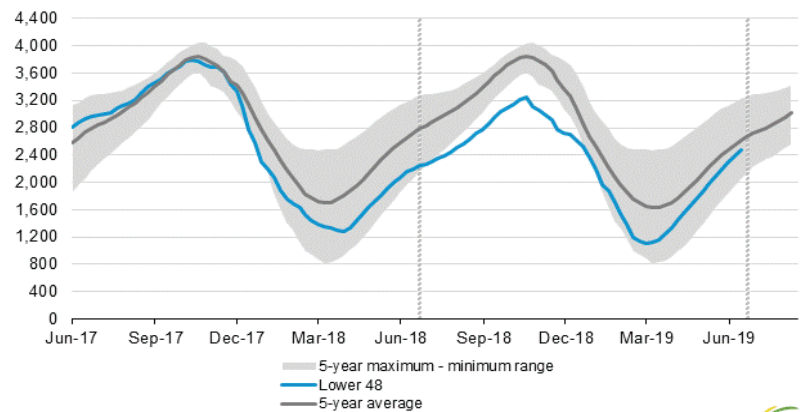
JULY 15, 2019

The Aug-2019 NYMEX natural gas contract closed Friday at \$2.453, up \$0.035 for the week. The 12-month strip average price of natural gas rose by \$0.047 over the same period. The Aug-2019 NYMEX crude oil contract closed Friday at \$60.21, up \$2.70 for the week. Updated NOAA forecasts suggest that above normal temperatures will persist over much of the US through at least the end of July. A weak Hurricane Barry made landfall on the Gulf Coast this weekend with only limited disruption to GOM energy supplies. Baker Hughes reported on Friday that the US natural gas rig count was down by 2 to 172 while total rigs (gas/oil combined) were down by 5 to 958. In its most recent natural gas storage data, the EIA reported an injection of 81 Bcf into national inventories, a number at the high end of consensus market expectations. Early estimates for this week's report indicate an expected injection in the range of 60 to 70 Bcf vs. an injection of 46 Bcf for the same week last year and a 5-yr avg. injection of 63 Bcf.

EIA NATURAL GAS STORAGE REPORT
Week Ending July 5, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	544	+18	477	561
Midwest	597	+29	474	610
Mountain	140	+6	142	165
Pacific	263	+8	260	290
S. Central	927	+20	843	987
Total	2471	+81	2196	2613

WORKING GAS IN UNDERGROUND STORAGE
COMPARED WITH 5-YEAR RANGE

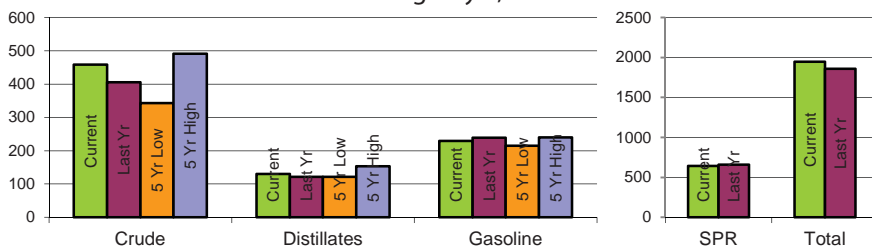


Source: U.S. Energy Information Administration



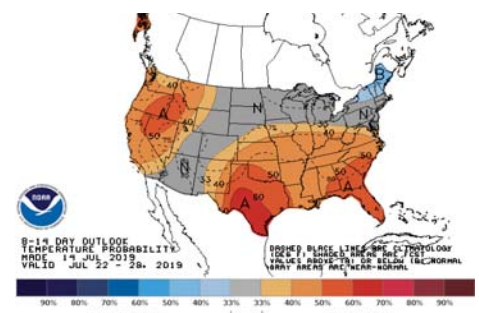
Storage Highlights: Working gas in storage was 2,471 Bcf as of Friday, July 5, 2019, according to EIA estimates. This represents a net increase of 81 Bcf from the previous week. Stocks were 275 Bcf higher than last year at this time and 142 Bcf below the five-year average of 2,613 Bcf. At 2,471 Bcf, total working gas is within the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)
Week Ending July 5, 2019

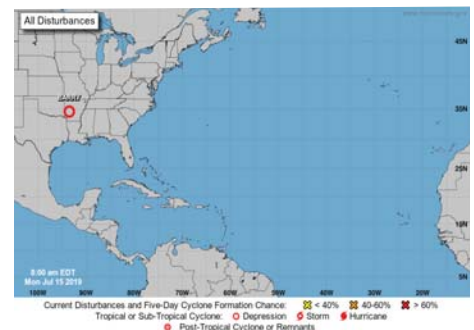


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) decreased by 9.5 million barrels from the previous week. At 459.0 million barrels, U.S. crude oil inventories are about 4% above the five year average for this time of year. Total motor gasoline inventories decreased by 1.5 million barrels last week and are at 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 3.7 million barrels last week and are about 5% below the five year average for this time of year. Propane/propylene inventories decreased by 0.2 million barrels last week and are about 7% above the five year average for this time of year. Total commercial petroleum inventories decreased last week by 3.8 million barrels last week.

8-14 DAY TEMP OUTLOOK (NOAA)



TROPICAL ATLANTIC 7-15 AM (NHC)



BAKER HUGHES US NATURAL GAS RIG COUNT, 07/12/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	172	-2	174	-17	189