



WEEKLY NATURAL GAS MARKET UPDATE

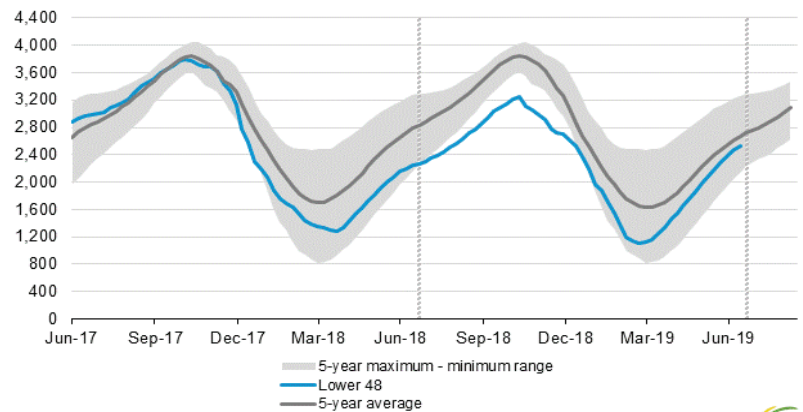
JULY 22, 2019

The Aug-2019 NYMEX natural gas contract closed Friday at \$2.251, down \$0.202 for the week. The 12-month strip average price of natural gas fell by \$0.161 over the same period. The Aug-2019 NYMEX crude oil contract closed Friday at \$55.63, down \$4.58 for the week. Updated NOAA forecasts suggest that, after a brief respite this week, above normal temperatures will return over much of the US as we head into August. The NHC is indicating a 30% chance of tropical storm development near southeast FLA later this week. Baker Hughes reported on Friday that the US natural gas rig count was up by 2 to 174 while total rigs (gas/oil combined) were down by 4 to 954. In its most recent natural gas storage data, the EIA reported an injection of 62 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 30 to 40 Bcf vs. an injection of 27 Bcf for the same week last year and a 5-yr avg. injection of 44 Bcf.

EIA NATURAL GAS STORAGE REPORT
Week Ending July 12, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	561	+17	503	584
Midwest	627	+30	498	634
Mountain	147	+7	144	169
Pacific	268	+5	259	293
S. Central	929	+2	839	996
Total	2533	+62	2242	2676

WORKING GAS IN UNDERGROUND STORAGE
COMPARED WITH 5-YEAR RANGE

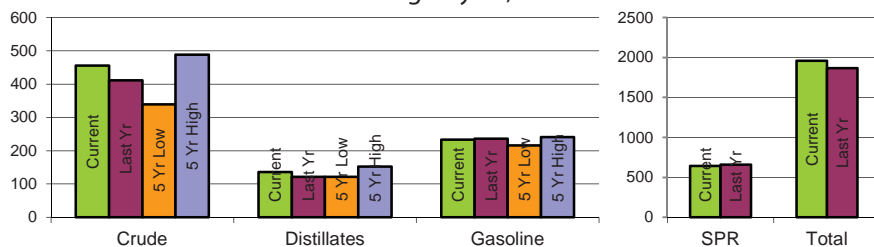


Source: U.S. Energy Information Administration



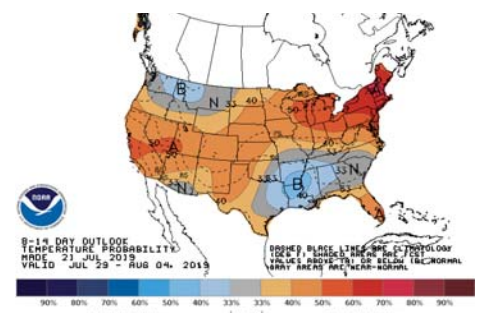
Storage Highlights: Working gas in storage was 2,533 Bcf as of Friday, July 12, 2019, according to EIA estimates. This represents a net increase of 62 Bcf from the previous week. Stocks were 291 Bcf higher than last year at this time and 143 Bcf below the five-year average of 2,676 Bcf. At 2,533 Bcf, total working gas is within the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)
Week Ending July 12, 2019

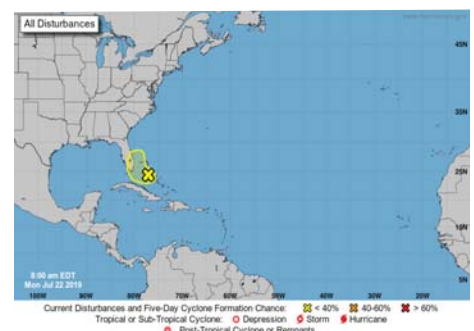


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) decreased by 3.1 million barrels from the previous week. At 455.9 million barrels, U.S. crude oil inventories are about 4% above the five year average for this time of year. Total motor gasoline inventories increased by 3.6 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 increased last week. Distillate fuel inventories increased by 5.7 million barrels last week and are about 2% below the five year average for this time of year. Propane/propylene inventories increased by 0.5 million barrels last week and are about 5% above the five year average for this time of year. Total commercial petroleum inventories increased last week by 11.7 million barrels last week.

8-14 DAY TEMP OUTLOOK (NOAA)



TROPICAL ATLANTIC 7-22 AM (NHC)



BAKER HUGHES US NATURAL GAS RIG COUNT, 07/19/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	174	+2	172	-13	187