



WEEKLY NATURAL GAS MARKET UPDATE

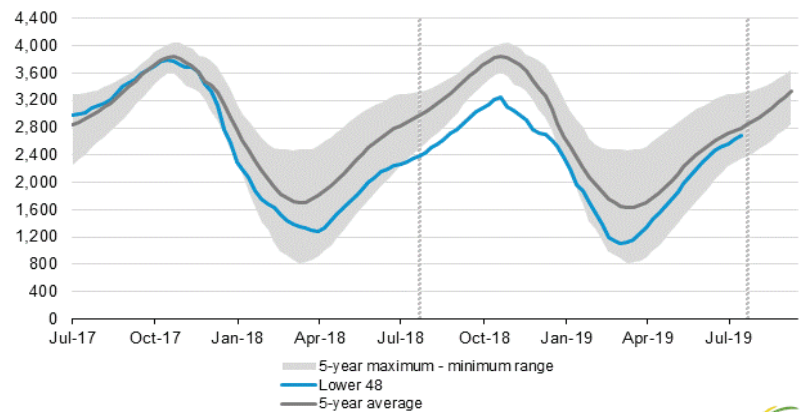
AUGUST 12, 2019

The Sep-2019 NYMEX natural gas contract closed Friday at \$2.119, down \$0.002 for the week. The 12-month strip average price of natural gas fell by \$0.016 over the same period. The Sep-2019 NYMEX crude oil contract closed Friday at \$54.50, down \$1.16 for the week. NOAA forecasts indicate a return to above normal temps for most of the US in the weeks ahead. Later this week the NOAA will release its updated outlook for the rest of summer. The tropical Atlantic is quiet with no signs of storm development this week. Baker Hughes reported on Friday that the US natural gas rig count was down by 2 to 179 while total rigs (gas/oil combined) were down by 8 to 934. In its most recent natural gas storage data, the EIA reported an injection of 55 Bcf into national inventories, a number at the low 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 35 Bcf for the same week last year and a 5-yr avg. injection of 49 Bcf.

EIA NATURAL GAS STORAGE REPORT
Week Ending August 2, 2019

Region	Inv. Level	Week Δ	Year Ago	5yr Avg.
East	613	+16	571	646
Midwest	701	+24	576	700
Mountain	161	+5	148	177
Pacific	272	+2	245	293
S. Central	941	+7	808	984
Total	2689	+55	2346	2800

WORKING GAS IN UNDERGROUND STORAGE
COMPARED WITH 5-YEAR RANGE

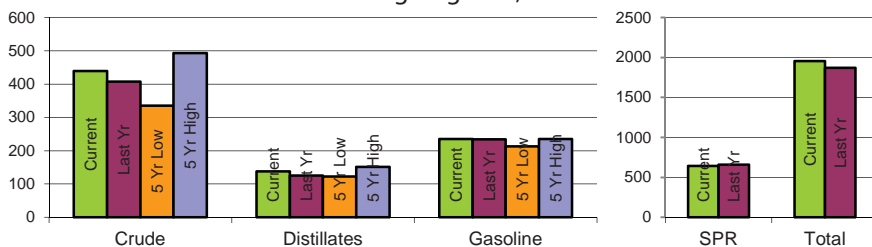


Source: U.S. Energy Information Administration



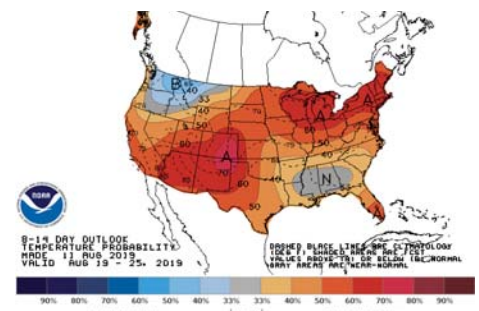
Storage Highlights: Working gas in storage was 2,689 Bcf as of Friday, August 2, 2019, according to EIA estimates. This represents a net increase of 55 Bcf from the previous week. Stocks were 343 Bcf higher than last year at this time and 111 Bcf below the five-year average of 2,800 Bcf. At 2,689 Bcf, total working gas is within the five-year historical range.

EIA PETROLEUM INVENTORY (BARRELS X 1000)
Week Ending August 2, 2019

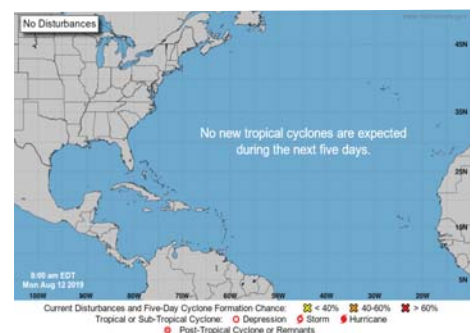


U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) increased by 2.4 million barrels from the previous week. At 438.9 million barrels, U.S. crude oil inventories are about 2% above the five year average for this time of year. Total motor gasoline inventories increased by 4.4 million barrels last week and are about 4% 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 1.5 million barrels last week and are about 1% below the five year average for this time of year. Propane/propylene inventories increased by 2.9 million barrels last week and are about 8% above the five year average for this time of year. Total commercial petroleum inventories increased last week by 10.4 million barrels last week.

8-14 DAY TEMP OUTLOOK (NOAA)



TROPICAL ATLANTIC 8-12 AM (NHC)



BAKER HUGHES US NATURAL GAS RIG COUNT, 08/09/2019

	This Week	+/-	Last Week	+/-	Year Ago
Gas Rigs	169	-2	171	-17	186