

# NATURAL GAS



JULY 26, 2018

## Prior Day's NYMEX Aug-18 Contract (CT)



## NYMEX NG Futures

Month	Close	Change
Aug-18	2.775	0.043
Sep-18	2.755	0.036
Oct-18	2.773	0.034
Nov-18	2.824	0.033
Dec-18	2.935	0.031
Jan-19	3.021	0.032
Feb-19	2.989	0.031
Mar-19	2.893	0.027
Apr-19	2.610	0.020
May-19	2.581	0.019
Jun-19	2.612	0.018
Jul-19	2.644	0.017
Aug-19	2.651	0.017
Sep-19	2.632	0.017
Oct-19	2.649	0.017
Nov-19	2.702	0.016
Dec-19	2.828	0.015
Jan-20	2.921	0.013
Feb-20	2.884	0.013
Mar-20	2.790	0.007
Apr-20	2.501	0.004
May-20	2.466	0.003
Jun-20	2.495	0.002
Jul-20	2.525	0.002
1YR Strip	2.784	0.028
2018	2.812	0.035
5YR Strip	2.652	0.012

## IN THE NEWS

Europe will import more US natural gas, Trump and Juncker say after meeting— CNBC reported: The United States and the European Union have agreed to work towards boosting natural gas trade, an issue that President Donald Trump pressed forcefully at this month's NATO meeting in Brussels. Shipping more U.S. gas to Europe is one of the matters European Commission Presi-

- Europe will import more US natural gas, Trump and Juncker say after meeting
- US Clears Path For Faster Natural Gas Exports To Latin America

dent Jean-Claude Juncker agreed to take under consideration on Wednesday at a White House meeting with Trump that yielded progress in a trade dispute between the United States and the EU. Specifically, Juncker said the EU will build more terminals to import liquefied natural gas, or LNG, a form of the fuel super-chilled to liquid form for shipment by sea. He did not specify whether he was referring to new terminals in addition to those already planned, or whether the EU would invest in the large on-shore plants or more affordable floating facilities. For more on this story visit [forbes.com](https://forbes.com) or click <https://cnb.cx/2Ad4fnh>

US Clears Path For Faster Natural Gas Exports To Latin America— Rig Zone reported: The U.S. Energy Department on Wednesday cleared the way for faster approval of small scale exports of natural gas including liquefied natural gas to Latin American countries by issuing a rule that does away with a public interest review of the shipments. U.S. Energy Secretary Rick Perry said in release that the so-called small scale rule will reduce "the regulatory burden on American businesses while also providing significant benefits to our trading partners in the Caribbean, Central America and South America." The rule was published in the Federal Register. Previously, companies that wanted to export natural gas to non-free trade agreement countries were subject to a Department of Energy (DOE) public interest review. With the final rule, the DOE will grant approval to export natural gas and liquefied natural gas (LNG) to non-free trade agreement countries. For more on this story visit [thehill.com](http://thehill.com) or click <https://bit.ly/2LGwcbF>

## 12 MONTH CANDLESTICK (WEEKLY)



## Prompt Natural Gas (NG) Daily Sentiment

BEARISH



RESISTANCE

2.79 & 2.81

SUPPORT

2.75 & 2.72

## Trading Summary

### NATURAL GAS

Futures	Close	Change
NG	2.775	0.043
Volume	306,597	(44,075)
Open Int.	1,522,598	(2,179)

### CRUDE AND GASOLINE

Futures	Close	Change
Crude	69.30	0.78
RBOB	2.1231	0.0275
Crude/NG	25.15	(0.05)

### METALS

Futures	Close	Change
Gold	1,231.40	(3.60)

### EQUITIES

Exchange	Close	Change
DOW	25,414.10	172.16
S&P 500	-1,481.34	25.67

### CURRENCY

Currency	Close	Change
EUR/USD	1.1688	(0.0041)
USD/CND	1.2405	0.0013

## Contact Us

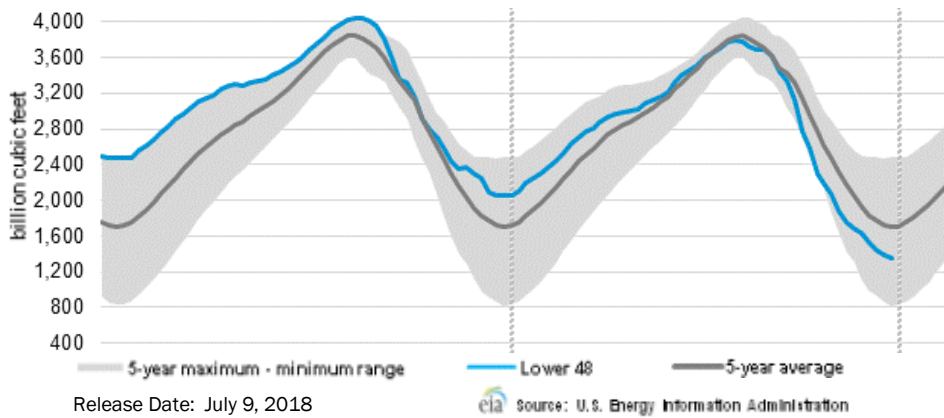


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[info@mansfieldoil.com](mailto:info@mansfieldoil.com)

Phone: (800) 695-6626



WEEKLY GAS IN UNDERGROUND STORAGE WITH 5-YR RANGE



Rig Count

Report Date: July 20, 2018

	Total	Change
US -	1046	(8)
CN -	211	+14

EIA Weekly NG Storage Actual and Surveys for July 20, 2018

Released July 19, 2018

- Range (41) to (70)
- PIRA – (54)
- Citi Futures – (57)
- Reuters – (54)

EIA ACTUAL – 46

Total Working Gas In Storage

2,249 BCF

- 46 BCF (LAST WEEK)
- (710) BCF (LAST YEAR)
- (535) BCF (5-YR AVG)

U.S. Natural Gas Supply Gas Week 7/12 – 7/18

- Average daily values (BCF/D):
- Last Year (BCF/d)
  - Dry Production – +72.4
  - Total Supply – +78.5
  - Last Week (BCF/d)
  - Dry Production – +81.0
  - Total Supply – +87.1

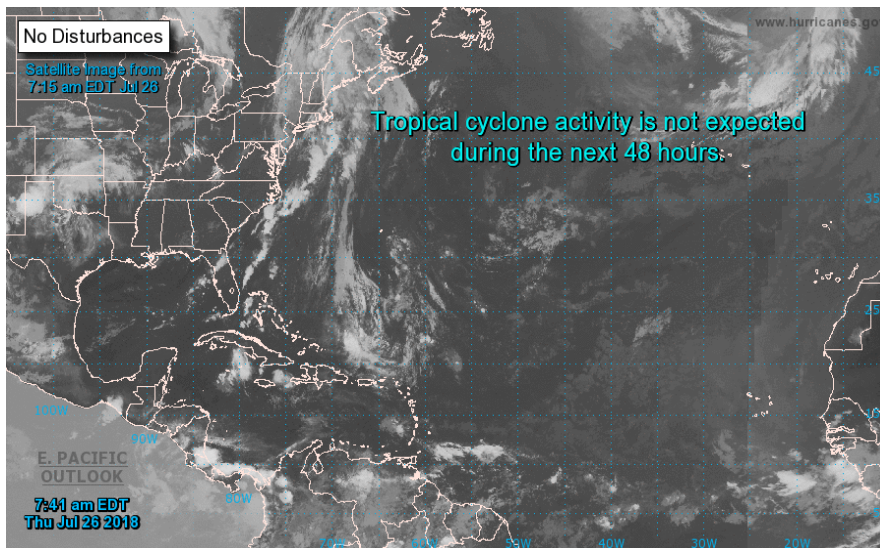
[NEXT REPORT ON Jul 27]

U.S. Natural Gas Demand Gas Week 7/12 – /18

- Average daily values (BCF/D):
- Last Year (BCF/d)
  - Power – +35.0
  - Total Demand – +73.6
  - Last Week (BCF/d)
  - Power – +35.7
  - Total Demand – +77.1

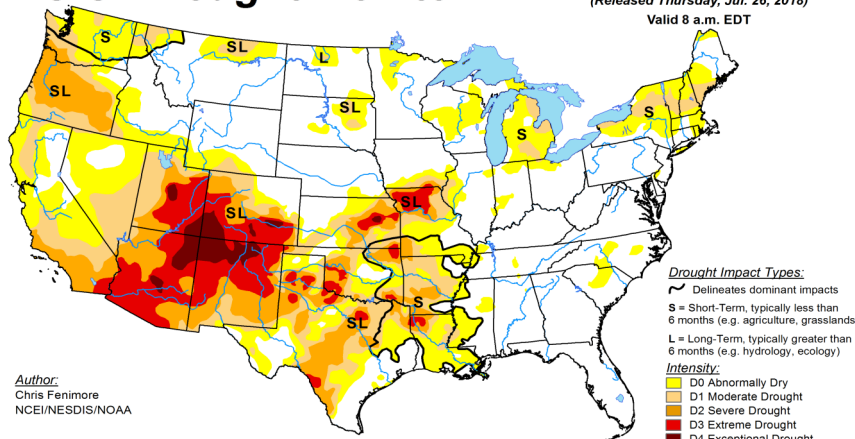
[NEXT REPORT ON Jul 27]

TROPICAL STORM ACTIVITY— ATLANTIC

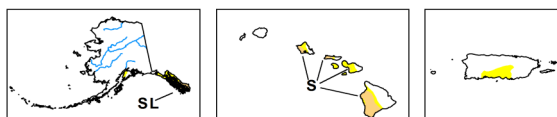


U.S. Drought Monitor

July 24, 2018  
 (Released Thursday, Jul. 26, 2018)  
 Valid 8 a.m. EDT



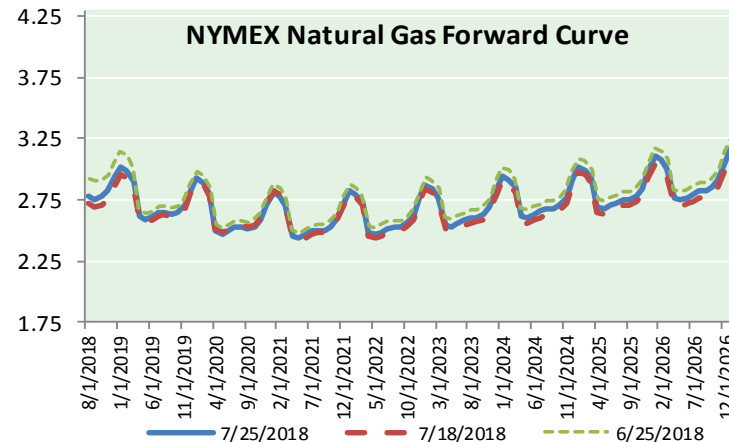
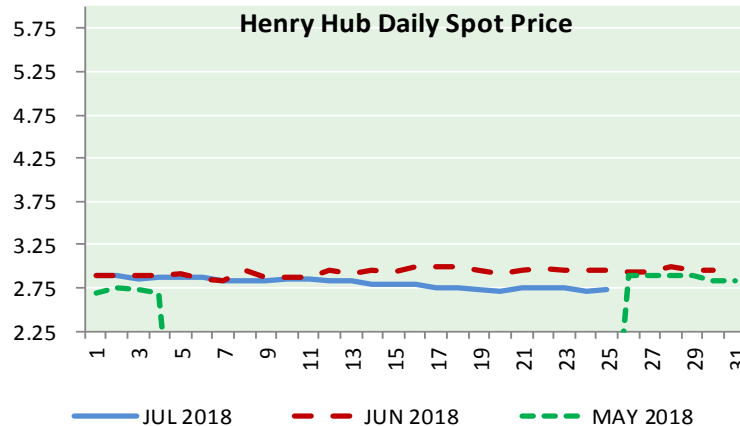
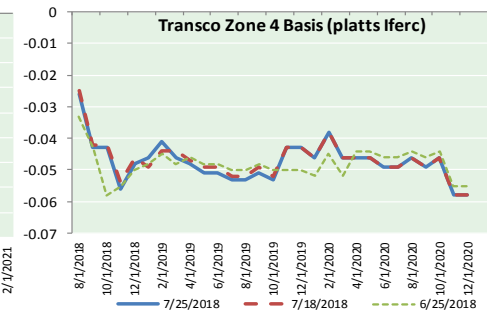
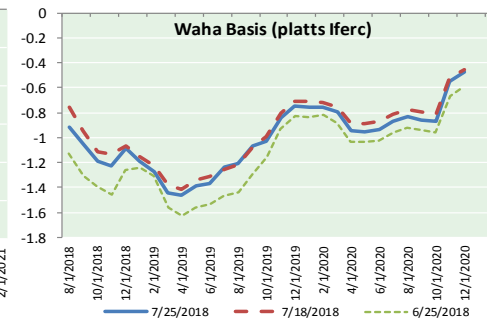
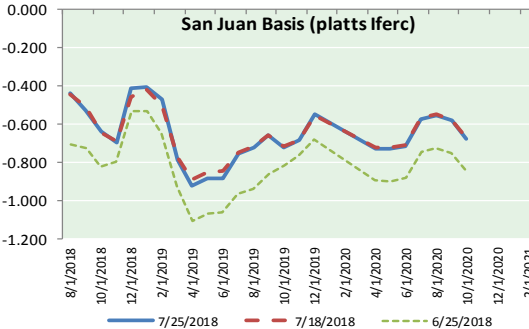
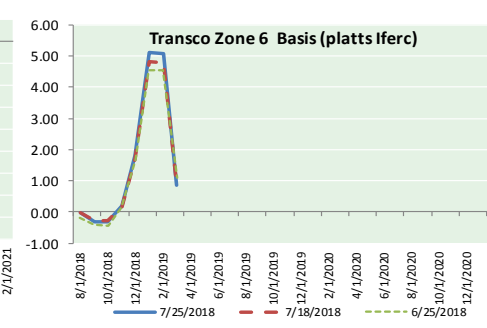
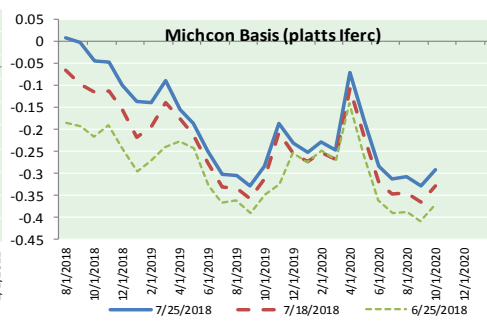
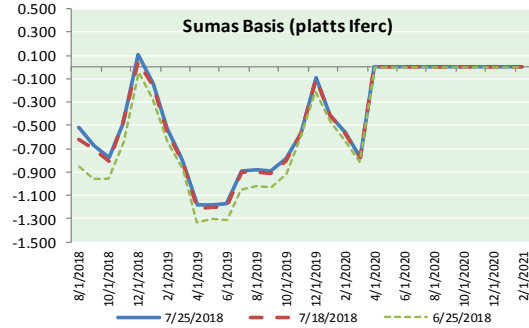
Author:  
 Chris Fenimore  
 NCEI/NESDIS/NOAA



USDA NDMC NOAA  
<http://droughtmonitor.unl.edu/>



NATURAL GAS BASIS FUTURES, HENRY HUB SPOT PRICES, AND FORWARD CURVE



NYMEX WTI Delivery

Month Average (\$/bbl)

(Excluding Weekends and Holidays)

Month: July 2018

Day	Price	Day	Price
1		16	68.06
2	73.94	17	68.08
3	74.14	18	68.76
4		19	69.46
5	72.94	20	70.46
6	73.80	21	
7		22	
8		23	67.89
9	73.85	24	68.52
10	74.11	25	69.30
11	70.38	26	
12	70.33	27	
13	71.01	28	
14		29	
15		30	
		31	

Average (Jul) 70.8841 (through 07/25/2018)

Average (Jun) 67.3229

Average (May) 69.9832

CME NG Option Prices

ATM Call

Month	Strike	Close	Imp	Vol
Sep-18				
Oct-18	2.750	0.077		22.5
Nov-18				
Dec-18				
Jan-19				

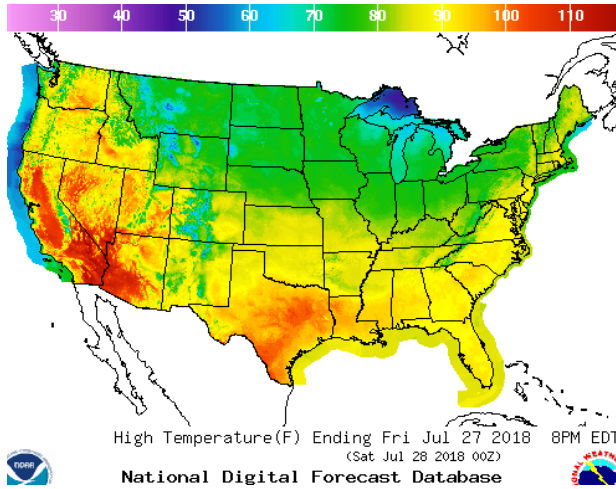
CME NG Option Prices

ATM Put

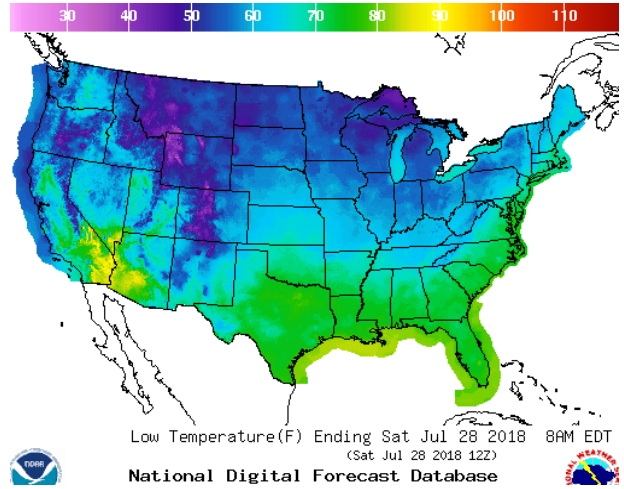
Month	Strike	Close	Imp	Vol
Sep-18				
Oct-18	2.750	0.060		18.7
Nov-18				
Dec-18				
Jan-19				

WEATHER – HIGH / LOW TEMPERATURE TOMORROW

HIGH Temperature

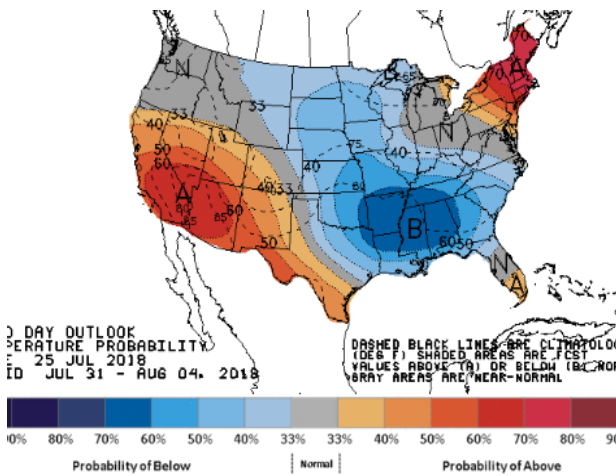


LOW Temperature

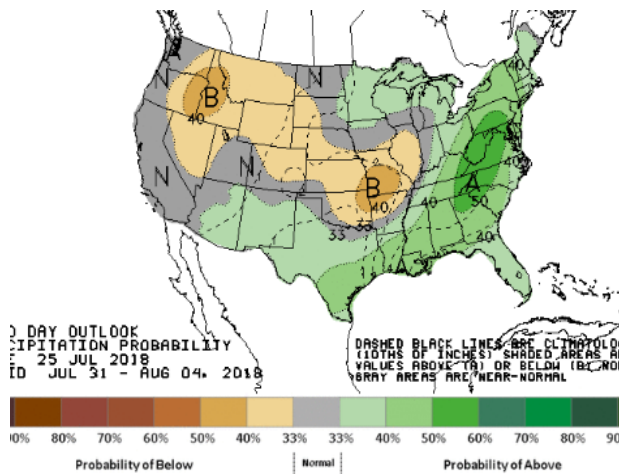


WEATHER – 6 TO 10 DAY OUTLOOK – NOAA

Temperature

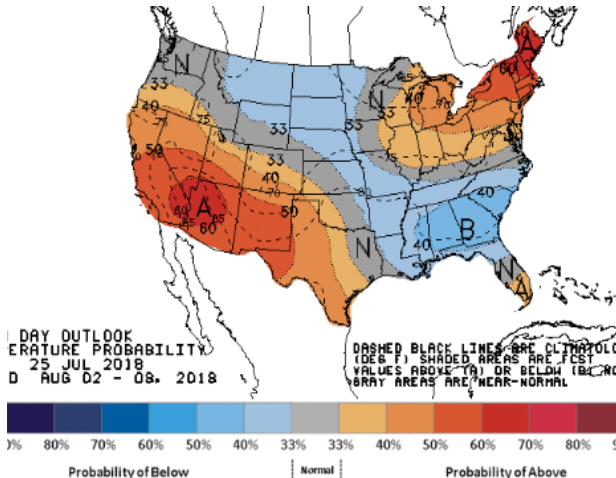


Precipitation

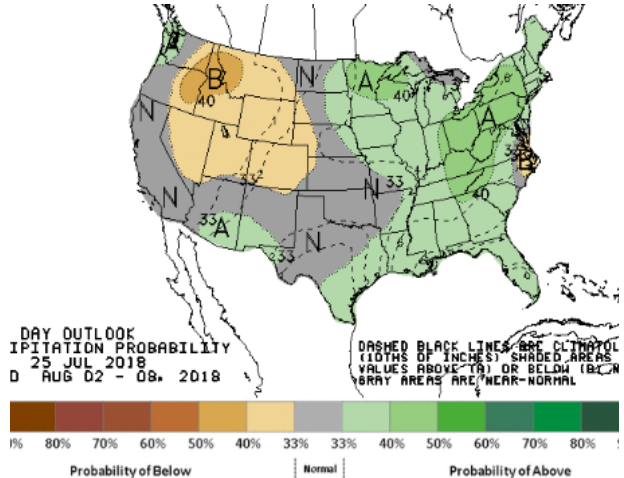


WEATHER – 8 TO 14 DAY OUTLOOK – NOAA

Temperature



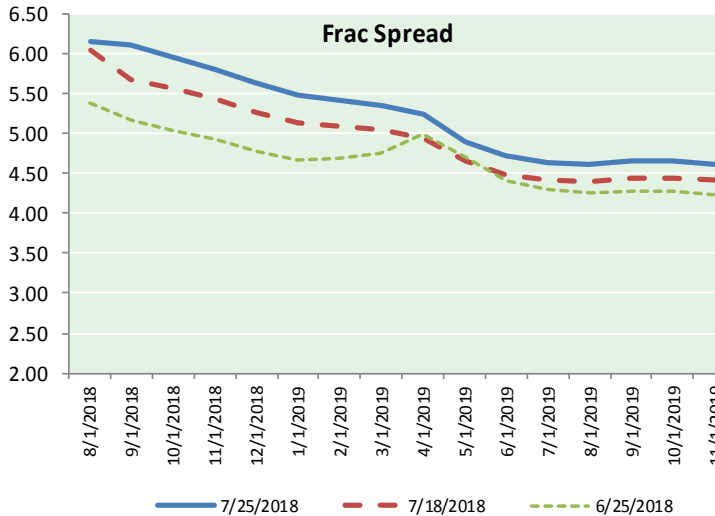
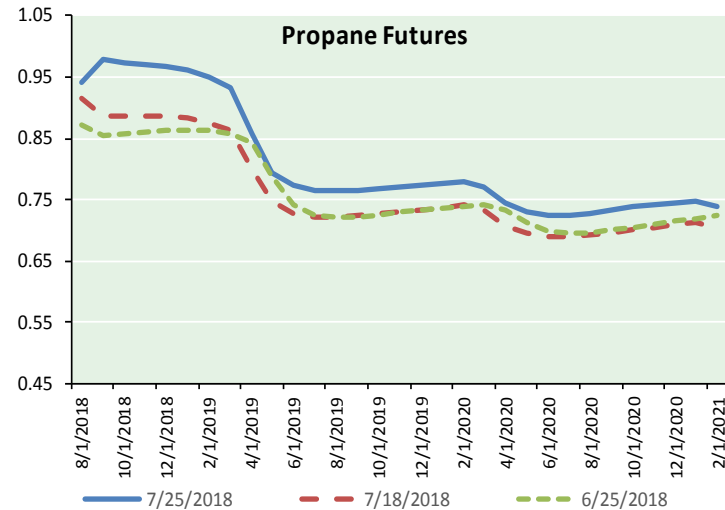
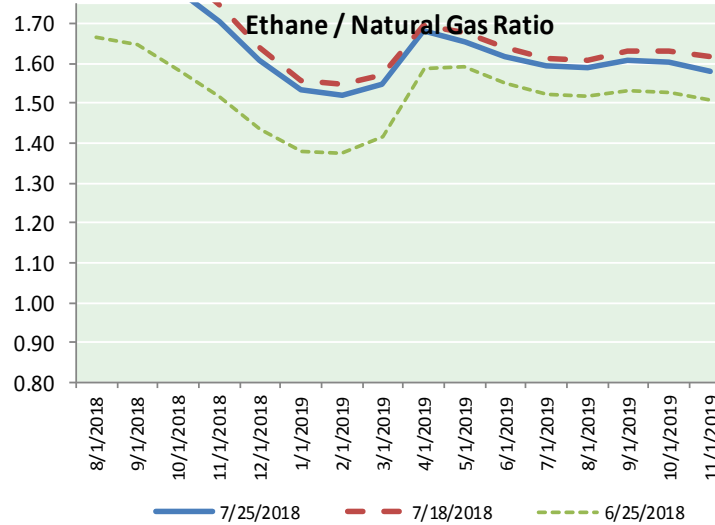
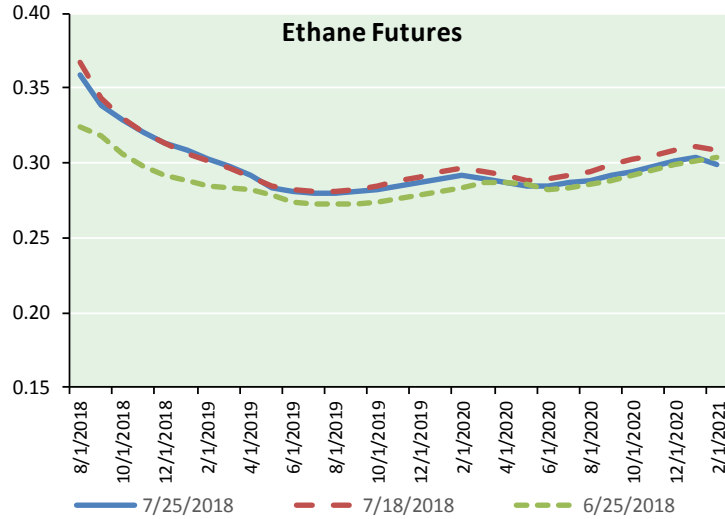
Precipitation



**NATURAL GAS NEWS**



**ETHANE FUTURES, NG/ETHANE RATIO, PROPANE FUTURES, AND THE FRAC SPREAD**



**CME Future Prices**

**Ethane (C2)**

**Non-LDH— Mont Belvieu**

Month	Close	Change
Aug-18	0.359	0.001
Sep-18	0.338	0.005
Oct-18	0.329	0.005
Nov-18	0.320	0.005
Dec-18	0.314	0.004
Jan-19	0.308	0.003
Feb-19	0.303	0.002
Mar-19	0.298	0.002
Apr-19	0.292	0.002
May-19	0.284	0.000
Jun-19	0.281	0.001
Jul-19	0.280	0.001

1YR Strip 0.309 0.002

**CME Future Prices**

**Propane (C3)**

**Non-LDH— Mont Belvieu**

Month	Close	Change
Aug-18	0.940	0.007
Sep-18	0.978	0.031
Oct-18	0.974	0.031
Nov-18	0.970	0.030
Dec-18	0.968	0.029
Jan-19	0.962	0.026
Feb-19	0.950	0.026
Mar-19	0.932	0.025
Apr-19	0.859	0.020
May-19	0.795	0.015
Jun-19	0.773	0.014
Jul-19	0.764	0.013

1YR Strip 0.905 0.022

**NATURAL GAS NEWS**



**Prompt WTI (CL) Crude  
Daily Sentiment**

**BULLISH**



RESISTANCE  
69.93 & 70.57  
SUPPORT  
68.43 & 67.57

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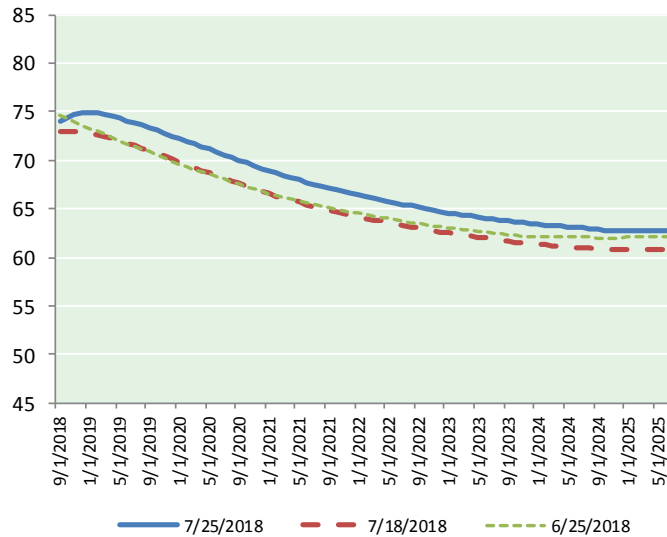
@MPG\_NatGasNews

**NYMEX Brent (BZ)**

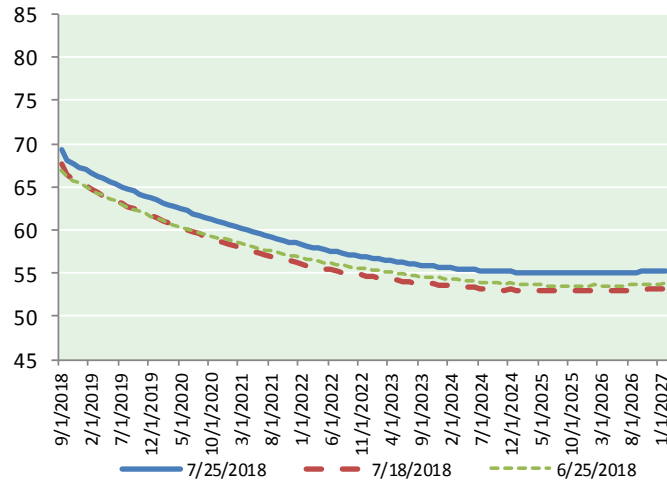
**Futures**

Month	Close	Change
Sep-18	73.93	0.49
Oct-18	74.41	0.61
Nov-18	74.70	0.65
Dec-18	74.86	0.68
Jan-19	74.93	0.70
Feb-19	74.88	0.70
Mar-19	74.74	0.69
Apr-19	74.56	0.68
May-19	74.33	0.68
Jun-19	74.07	0.67
Jul-19	73.84	0.66
Aug-19	73.59	0.65
Sep-19	73.33	0.66
Oct-19	73.05	0.67
Nov-19	72.79	0.68
Dec-19	72.49	0.69
Jan-20	72.20	0.69
Feb-20	71.93	0.69
Mar-20	71.65	0.69
Apr-20	71.37	0.69
May-20	71.10	0.68
Jun-20	70.84	0.67
Jul-20	70.56	0.67
Aug-20	70.28	0.66
1YR Strip	74.40	0.66
2018	74.48	0.61
5YR Strip	69.00	0.54

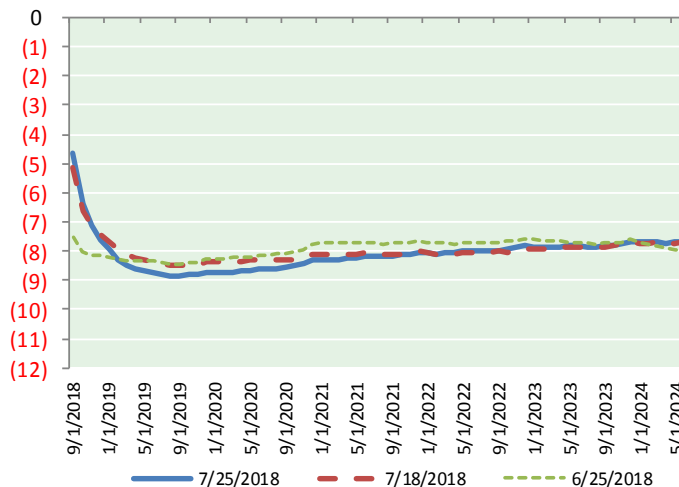
**BRENT CRUDE FORWARD CURVE**



**WTI CRUDE FORWARD CURVE**



**WTI-BRENT SPREAD**



**FRAC Spread**

**Specifications**

Ethane :	42%	66,500 btu/g
Propane:	28%	90,830 btu/g
Butane:	11%	102,916 btu/g
Iso-Butane:	6%	98,935 btu/g
Natural Gasoline:	13%	115,021 btu/g

**Prompt NGL Futures**

(\$/gallon)

Aug-18	Close	Change
Butane	1.238	(0.001)
Iso-Butane	1.195	(0.001)
Nat Gasoline	1.513	0.005

**NYMEX WTI (CL) Futures**

Month	Close	Change
Sep-18	69.30	0.78
Oct-18	68.01	0.82
Nov-18	67.59	0.82
Dec-18	67.26	0.79
Jan-19	67.00	0.78
Feb-19	66.61	0.76
Mar-19	66.25	0.73
Apr-19	65.93	0.71
May-19	65.64	0.69
Jun-19	65.36	0.68
Jul-19	65.05	0.67
Aug-19	64.75	0.65
Sep-19	64.47	0.62
Oct-19	64.23	0.62
Nov-19	63.98	0.61
Dec-19	63.78	0.62
Jan-20	63.47	0.60
Feb-20	63.20	0.59
Mar-20	62.94	0.59
Apr-20	62.69	0.59
May-20	62.45	0.58
Jun-20	62.21	0.57
Jul-20	61.92	0.56
Aug-20	61.67	0.55
1YR Strip	66.56	0.74
2018	68.04	0.80
5YR Strip	60.78	0.51