

# NATURAL GAS



NEWS

JULY 25, 2017

## Prior Day's NYMEX Jul-17 Contract (CT)



## NYMEX NG Futures

Month	Close	Change
Aug-17	2.899	(0.071)
Sep-17	2.882	(0.079)
Oct-17	2.917	(0.081)
Nov-17	2.998	(0.073)
Dec-17	3.153	(0.069)
Jan-18	3.246	(0.070)
Feb-18	3.230	(0.073)
Mar-18	3.178	(0.071)
Apr-18	2.823	(0.056)
May-18	2.793	(0.052)
Jun-18	2.819	(0.051)
Jul-18	2.844	(0.051)
Aug-18	2.850	(0.051)
Sep-18	2.828	(0.050)
Oct-18	2.848	(0.050)
Nov-18	2.897	(0.050)
Dec-18	3.025	(0.051)
Jan-19	3.108	(0.052)
Feb-19	3.077	(0.053)
Mar-19	3.003	(0.053)
Apr-19	2.648	(0.037)
May-19	2.615	(0.037)
Jun-19	2.637	(0.037)
Jul-19	2.661	(0.037)
1YR Strip	2.982	(0.066)
2017	2.970	(0.075)
5YR Strip	2.823	(0.050)

## IN THE NEWS

Energy-Dominance Agenda and Regulatory Challenges — The Legal Intelligencer reports: On March 28, President Donald Trump signed the presidential executive order on Promoting Energy Independence and Economic Growth. This executive order hopes to be the catalyst to "unleash America's \$50 trillion in un-

- Energy-Dominance Agenda and Regulatory Challenges
- U.S. natural gas futures start the week on back foot

tapped shale, oil and natural gas reserves, plus hundreds of years in clean coal reserves." And by doing so, it aims to make the United States the global leader in fossil-fuel production and achieve not just "energy independence," but "energy dominance"—a phrase that was front and center during the Trump administration's, "Energy Week." Although the coal industry has dominated the energy and environmental news, the Trump administration's "energy dominance" agenda will shape the future of the natural gas industry as well. With the administration's desire to emphasize domestic energy production, the regulatory environment for the natural gas industry will, no doubt, look different than it did a year ago. For more on this story visit [thelegalintelligencer.com](http://thelegalintelligencer.com) or click the following link <http://bit.ly/2vCdNlK>

U.S. natural gas futures start the week on back foot – Investing.com reports: U.S. natural gas futures fell to a two-week low on Monday, amid bearish weather forecasts that should limit demand for the fuel. U.S. natural gas for September delivery was at \$2.921 per million British thermal units, down 4.1 cents, or around 1.4%. It fell to its lowest since July 10 at \$2.910 earlier in the session. Prices ended lower for the second day in a row on Friday. It saw a drop of roughly 0.4% last week. A weather system with powerful thunderstorms and cooling will sweep across the Ohio Valley and Northeast through July 30 to ease national demand, according to updated weather forecasting models. For more on this story visit [investing.com](http://investing.com) or click <http://bit.ly/2v19djl>

## 12 MONTH CANDLESTICK (WEEKLY)



## Prompt Natural Gas (NG) Daily Sentiment

BEARISH



RESISTANCE

2.94 & 2.99

SUPPORT

2.87 & 2.84

## Trading Summary

### NATURAL GAS

Futures	Close	Change
NG	2.899	(0.071)
Volume	300,070	3,289
Open Int.	1,232,601	19,568

### CRUDE AND GASOLINE

Futures	Close	Change
Crude	46.34	0.57
RBOB	1.5568	(0.0065)
Crude/NG	16.08	0.62

### METALS

Futures	Close	Change
Gold	1,254.30	(5.30)

### EQUITIES

Exchange	Close	Change
DOW	21,513.17	(66.90)
S&P 500	2,294.62	(177.92)

### CURRENCY

Currency	Close	Change
EUR/USD	1.1677	(0.0036)
USD/CND	1.2495	(0.0014)

## Contact Us



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

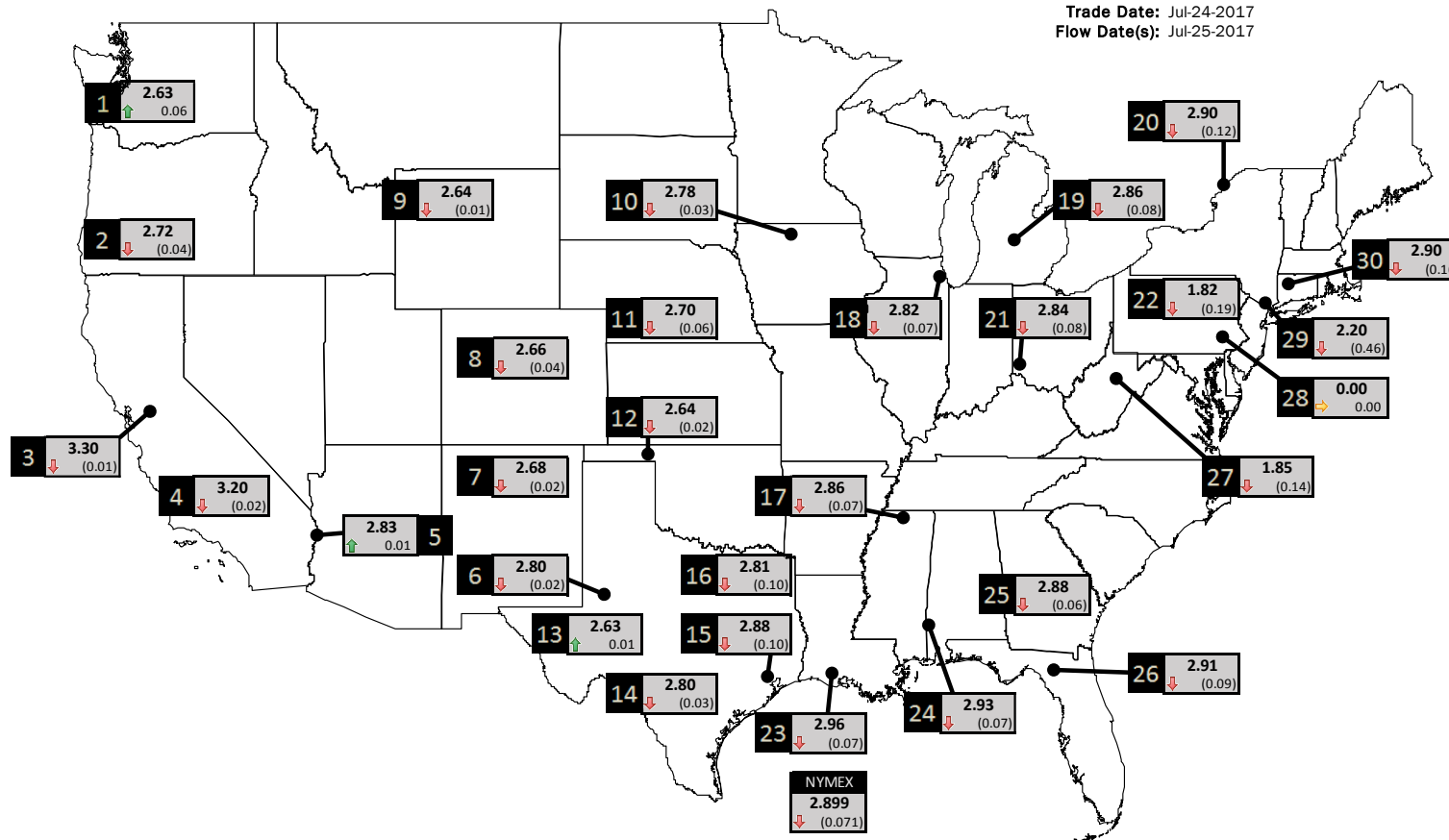
Phone: (800) 695-6626



# NATURAL GAS NEWS

## PHYSICAL SPOT NATURAL GAS PRICE MAP

Trade Date: Jul-24-2017  
Flow Date(s): Jul-25-2017



ID	DAILY INDEX	PRICE	CHANGE
1	Stanfield	2.63	0.06
2	Malin	2.72	(0.04)
3	PG&E - Citygate	3.30	(0.01)
4	SoCal-Citygate	3.20	(0.02)
5	SoCal Border	2.83	0.01
6	Waha	2.80	(0.02)
7	EP-SJ Blanco Pool	2.68	(0.02)
8	Opal Plant Tailgate	2.66	(0.04)
9	NWP-Wyoming	2.64	(0.01)
10	Ventura	2.78	(0.03)

ID	DAILY INDEX	PRICE	CHANGE
11	NGPL-Midcont Pool	2.70	(0.06)
12	Panhandle	2.64	(0.02)
13	EP-Permian	2.63	0.01
14	TGP-ZO	2.80	(0.03)
15	Houston Ship Channel	2.88	(0.10)
16	NGPL-TXOK	2.81	(0.10)
17	TETCO-M1.30	2.86	(0.07)
18	Chicago Citygates	2.82	(0.07)
19	Michcon	2.86	(0.08)
20	Iroquois (into)	2.90	(0.12)

ID	DAILY INDEX	PRICE	CHANGE
21	REX E-ANR	2.84	(0.08)
22	Leidy-Transco	1.82	(0.19)
23	Henry	2.96	(0.07)
24	Transco-85	2.93	(0.07)
25	Sonat-ZO South	2.88	(0.06)
26	FGT-Z3	2.91	(0.09)
27	Dominion-South	1.85	(0.14)
28	Transco-Z6 (non-NY)	0.00	0.00
29	Transco-Z6 (NY)	2.20	(0.46)
30	Iroquois-Z2	2.90	(0.16)

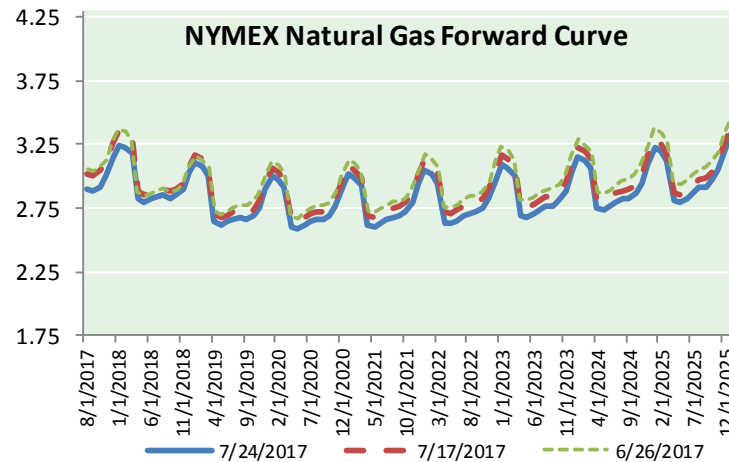
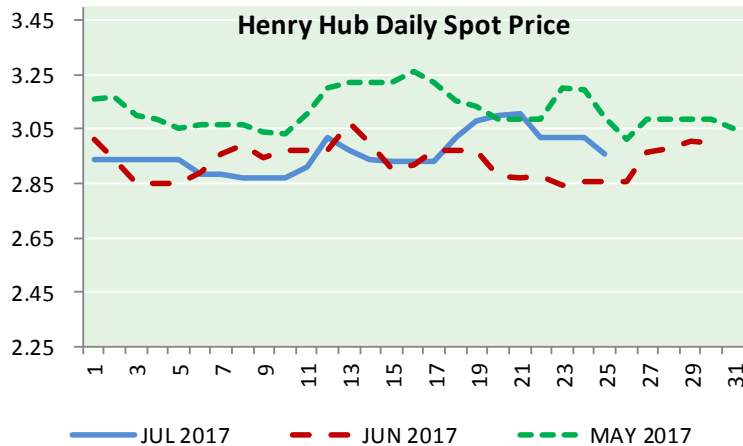
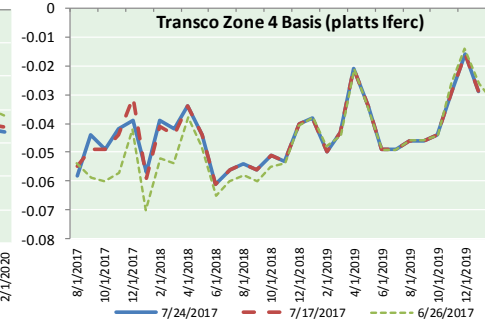
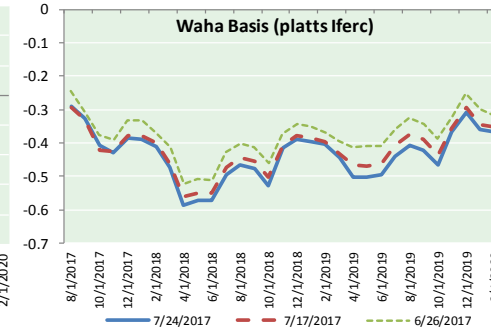
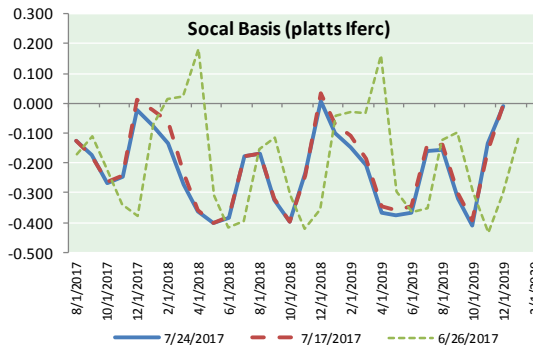
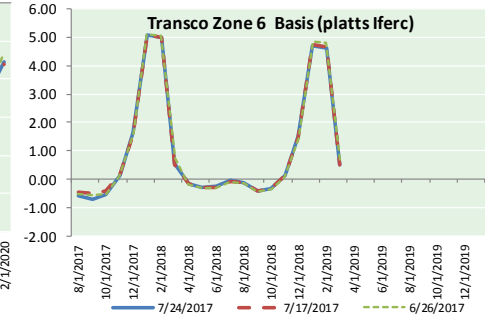
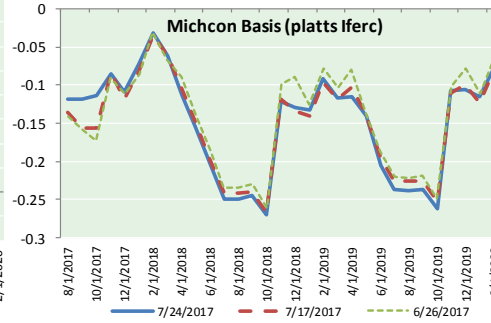
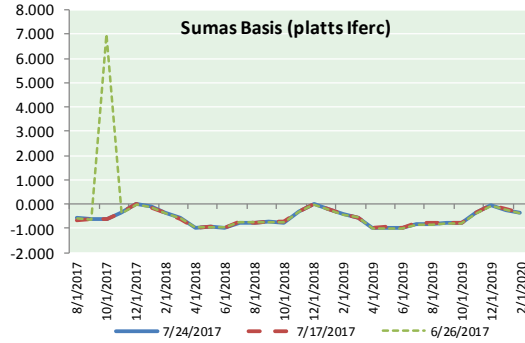
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# NATURAL GAS NEWS

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



### CME NG Option Prices

#### ATM Call

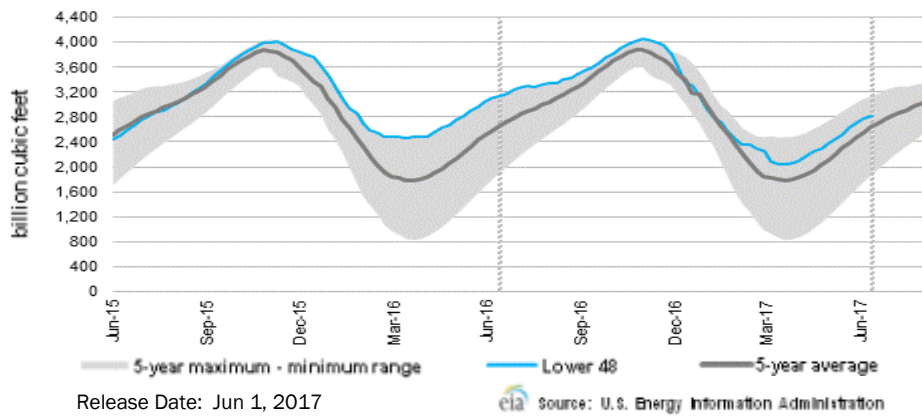
Month	Strike	Close	Imp Vol
Aug-17	2.950	0.009	30.0
Sep-17	2.900	0.106	28.1
Oct-17	2.950	0.146	30.0
Nov-17	3.050	0.179	30.9
Dec-17	3.200	0.229	31.9
Jan-18			
Feb-18			
Mar-18			
Apr-18			
May-18			
Jun-18			
Jul-18			
Aug-18			
Sep-18			
Oct-18			
Nov-18			
Dec-18			

### CME NG Option Prices

#### ATM Put

Month	Strike	Close	Imp Vol
Aug-17	2.950	0.032	30.0
Sep-17	2.900	0.128	37.5
Oct-17	2.950	0.177	35.6
Nov-17	3.050	0.232	35.6
Dec-17	3.200	0.277	35.6
Jan-18			
Feb-18			
Mar-18			
Apr-18			
May-18			
Jun-18			
Jul-18			
Aug-18			
Sep-18			
Oct-18			
Nov-18			
Dec-18			

WEEKLY GAS IN UNDERGROUND STORAGE WITH 5-YR RANGE



Rig Count

Report Date: July 21, 2017

	Total	Change
US -	950	(2)
CN -	206	+15

EIA Weekly NG Storage Actual and Surveys for July 14, 2017

Released July 20, 2017

- PIRA — +59
- Citi — +55
- Reuters — +65

EIA ACTUAL — +28

Total Working Gas In Storage

**2,973 BCF**  
 +28 BCF (LAST WEEK)  
 (299) BCF (LAST YEAR)  
 +141 BCF (5-YR AVG)

U.S. Natural Gas Supply Gas Week 7/13 - 7/19

Average daily values (BCF/D):  
 Last Year (BCF/d)  
 Dry Production — +71.2  
 Total Supply — +77.8  
 Last Week (BCF/d)  
 Dry Production — +71.7  
 Total Supply — +77.9

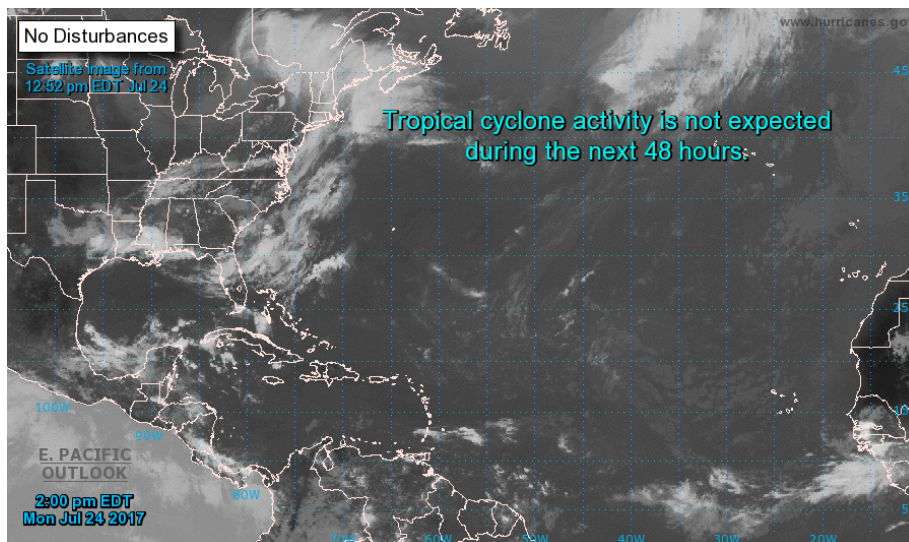
[NEXT REPORT ON JUL 27]

U.S. Natural Gas Demand Gas Week 7/13 - 7/19

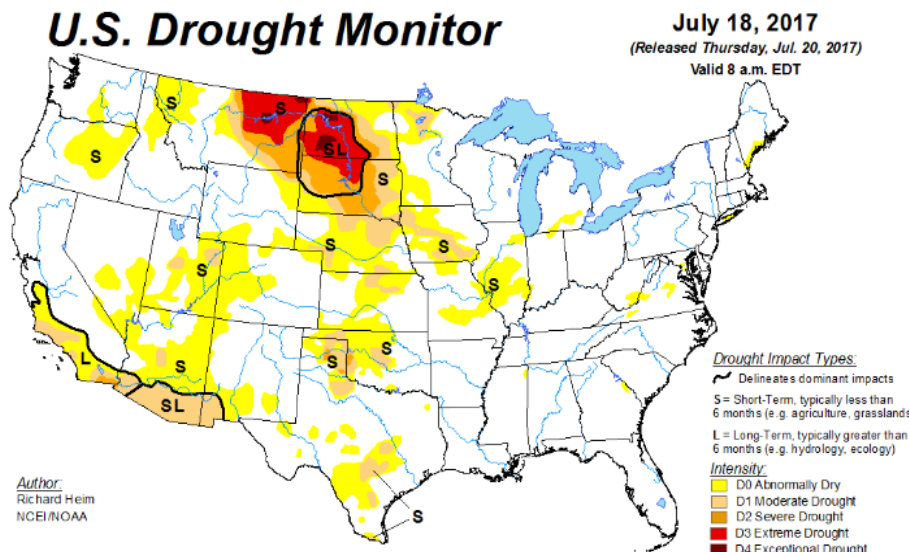
Average daily values (BCF/D):  
 Last Year (BCF/d)  
 Power — +36.8  
 Total Demand — +74.1  
 Last Week (BCF/d)  
 Power — +35.1  
 Total Demand — +73.7

[NEXT REPORT ON JUL 27]

TROPICAL STORM ACTIVITY— ATLANTIC

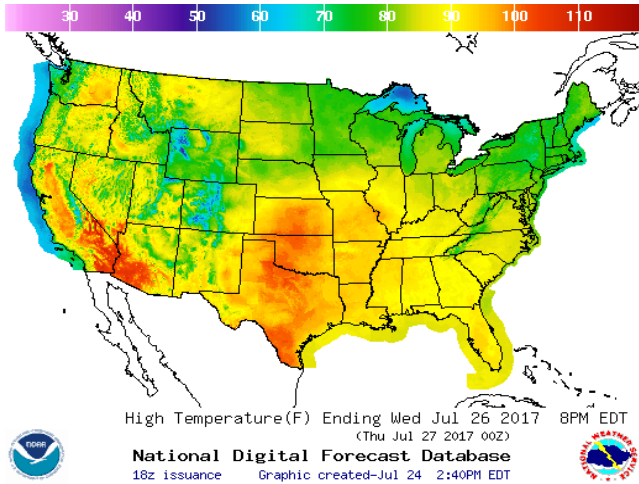


US DROUGHT MONITOR

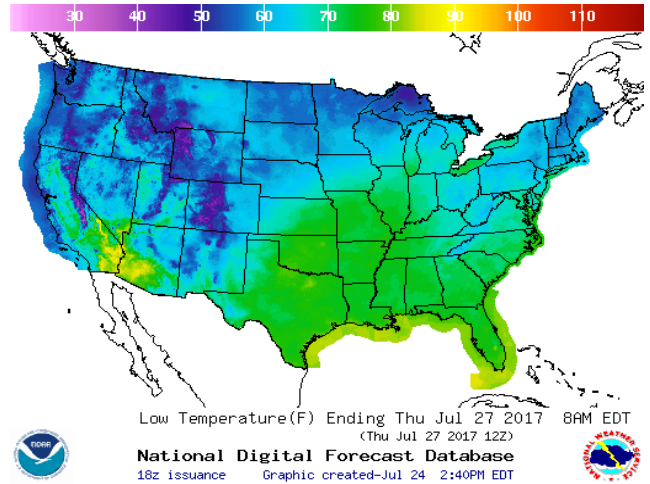


WEATHER – HIGH / LOW TEMPERATURE TOMORROW

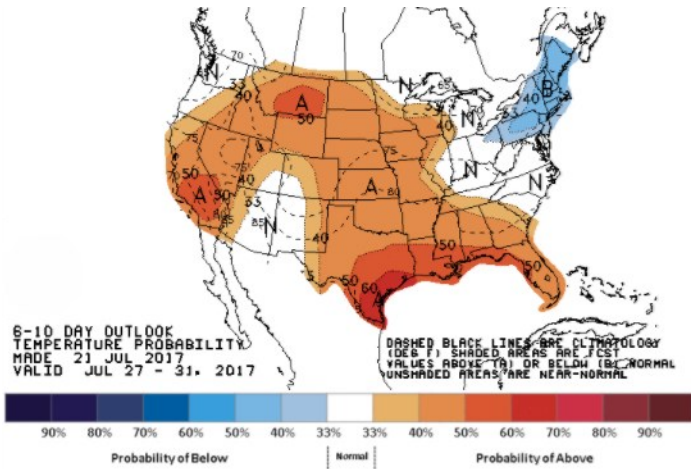
HIGH Temperature



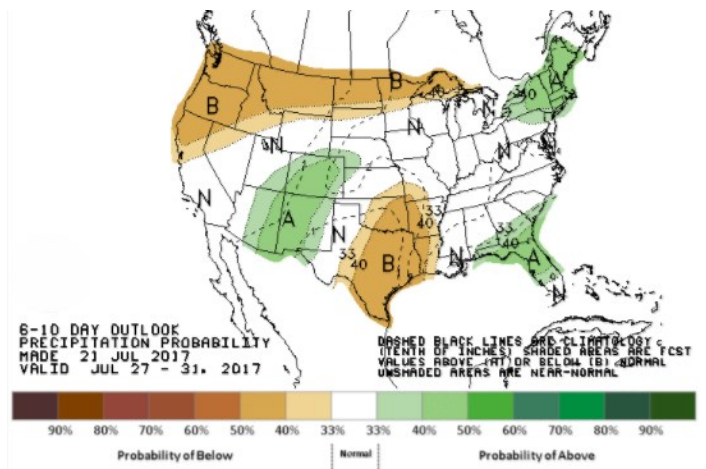
LOW Temperature



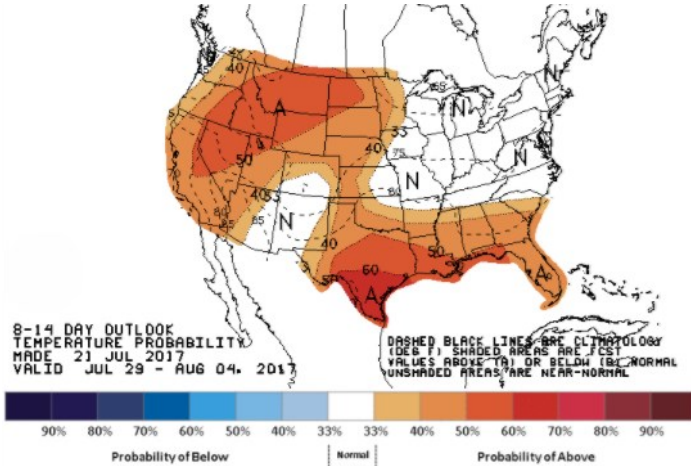
WEATHER – 6 TO 10 DAY OUTLOOK – NOAA  
Temperature



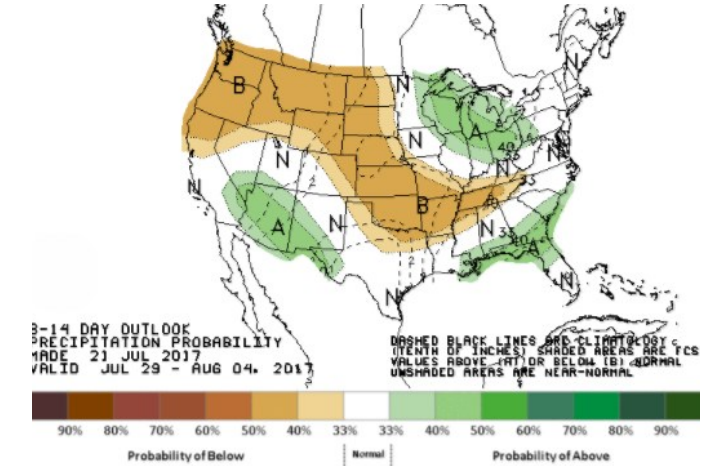
Precipitation



WEATHER – 8 TO 14 DAY OUTLOOK – NOAA  
Temperature



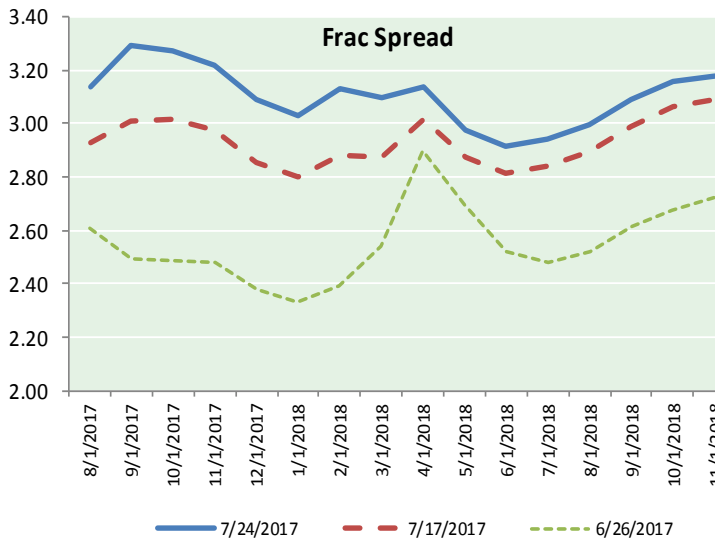
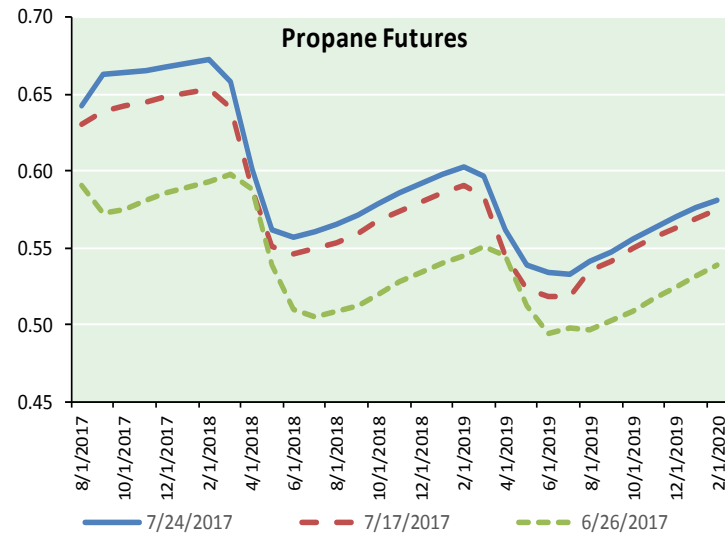
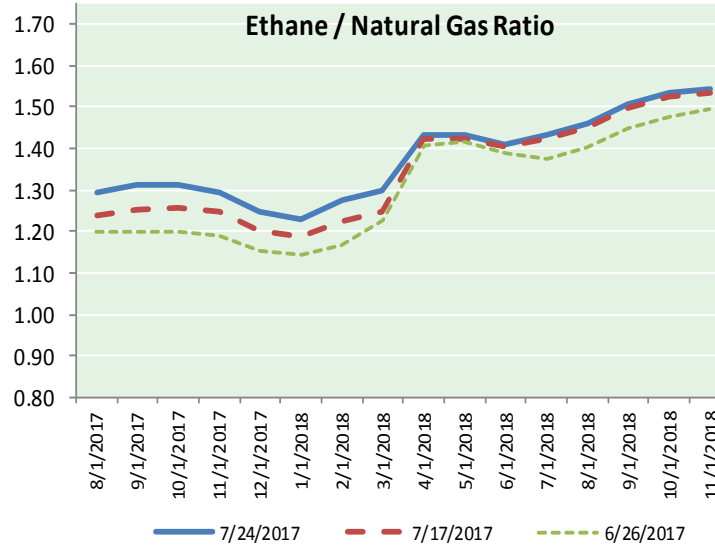
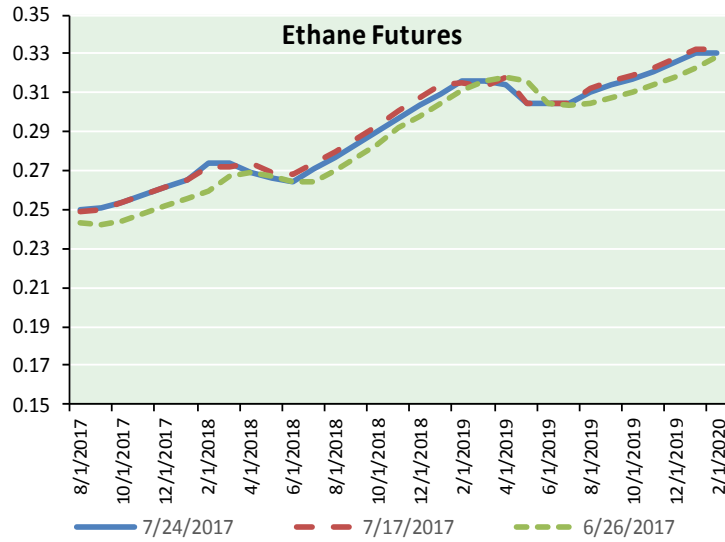
Precipitation



**NATURAL GAS NEWS**



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



**CME Future Prices**

**Ethane (C2)**

**Non-LDH— Mont Belvieu**

	(cents/gallon)	
Month	Close	Change
Aug-17	0.250	(0.001)
Sep-17	0.251	(0.002)
Oct-17	0.254	(0.003)
Nov-17	0.258	(0.003)
Dec-17	0.261	(0.003)
Jan-18	0.265	(0.003)
Feb-18	0.274	(0.002)
Mar-18	0.274	(0.002)
Apr-18	0.269	(0.003)
May-18	0.266	(0.003)
Jun-18	0.264	(0.003)
Jul-18	0.271	(0.003)

1YR Strip 0.263 (0.002)

**CME Future Prices**

**Propane (C3)**

**Non-LDH— Mont Belvieu**

	(cents/gallon)	
Month	Close	Change
Aug-17	0.643	0.003
Sep-17	0.663	0.007
Oct-17	0.664	0.007
Nov-17	0.666	0.007
Dec-17	0.668	0.007
Jan-18	0.670	0.006
Feb-18	0.673	0.007
Mar-18	0.659	0.007
Apr-18	0.601	0.007
May-18	0.563	0.006
Jun-18	0.558	0.007
Jul-18	0.561	0.006

1YR Strip 0.632 0.006

# NATURAL GAS NEWS



## Prompt WTI (CL) Crude

### Daily Sentiment

**BEARISH**



RESISTANCE

46.78 & 47.22

SUPPORT

45.65 & 44.96

### FOLLOW US ON TWITTER:



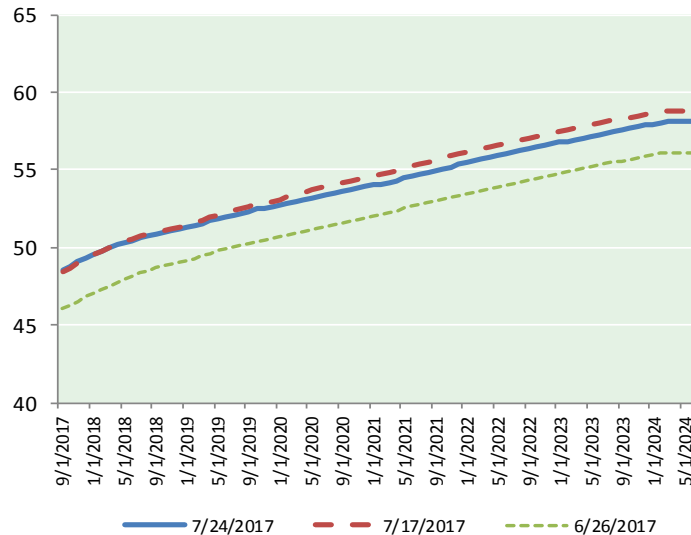
@MPG\_NatGasNews

## NYMEX Brent (BZ)

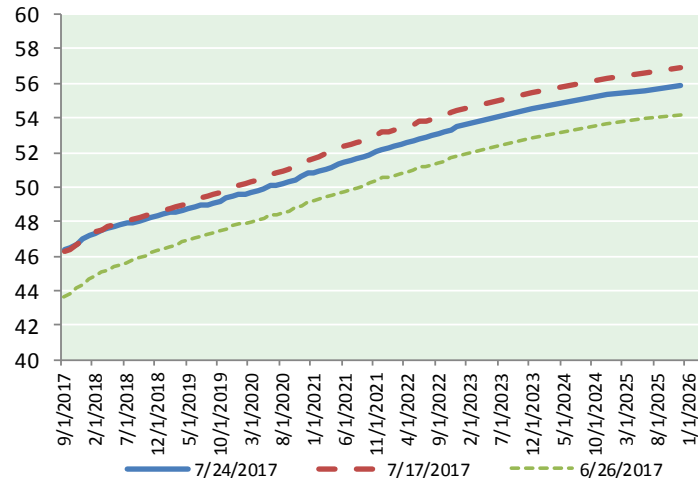
### Futures

Month	Close	Change
Sep-17	48.60	0.54
Oct-17	48.82	0.51
Nov-17	49.09	0.49
Dec-17	49.35	0.47
Jan-18	49.57	0.44
Feb-18	49.81	0.43
Mar-18	50.01	0.42
Apr-18	50.17	0.42
May-18	50.32	0.43
Jun-18	50.45	0.44
Jul-18	50.60	0.44
Aug-18	50.73	0.44
Sep-18	50.84	0.44
Oct-18	50.95	0.45
Nov-18	51.06	0.45
Dec-18	51.17	0.45
Jan-19	51.29	0.45
Feb-19	51.43	0.46
Mar-19	51.57	0.47
Apr-19	51.73	0.48
May-19	51.84	0.49
Jun-19	51.93	0.49
Jul-19	52.09	0.50
Aug-19	52.22	0.51
1YR Strip 2017	49.79	0.46
5YR Strip	52.87	0.55

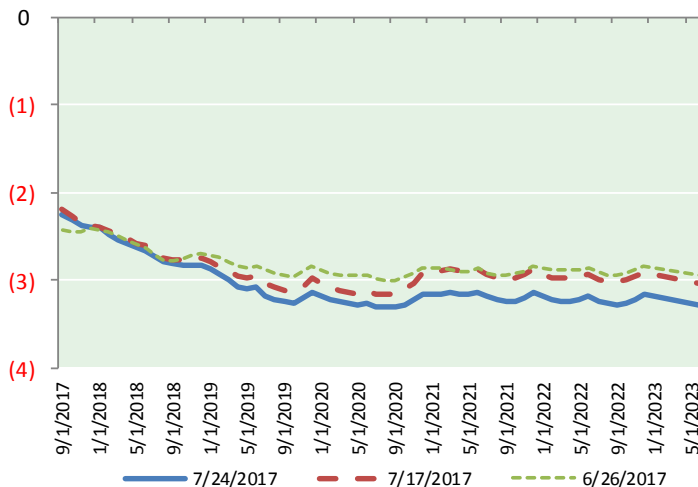
## BRENT CRUDE FORWARD CURVE



## 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-17	Close	Change
Butane	0.785	0.005
Iso-Butane	0.782	0.006
Nat Gasoline	1.032	0.003

## NYMEX WTI (CL) Futures

Month	Close	Change
Sep-17	46.34	0.57
Oct-17	46.51	0.56
Nov-17	46.72	0.53
Dec-17	46.95	0.50
Jan-18	47.17	0.48
Feb-18	47.34	0.47
Mar-18	47.48	0.46
Apr-18	47.59	0.45
May-18	47.69	0.45
Jun-18	47.79	0.45
Jul-18	47.87	0.45
Aug-18	47.95	0.45
Sep-18	48.04	0.45
Oct-18	48.13	0.45
Nov-18	48.23	0.45
Dec-18	48.34	0.44
Jan-19	48.41	0.44
Feb-19	48.49	0.45
Mar-19	48.57	0.45
Apr-19	48.66	0.45
May-19	48.75	0.45
Jun-19	48.85	0.45
Jul-19	48.91	0.45
Aug-19	49.00	0.46
1YR Strip 2017	47.28	0.49
5YR Strip	49.83	0.48