



# South Jersey Energy

## Pennsylvania Division

www.openflowenergy.com

Friday, August 10, 2018

## Weekly Natural Gas Newsletter

### Current Storage and Market Conditions

8/9/18	Projected Underground Storage <b>Injection</b> ( <b>Withdrawal</b> ) for:	Week Ending July 27, 2018	37 to 56	Bcf
8/9/18	Actual Underground Storage <b>Injection</b> ( <b>Withdrawal</b> ) for:	Week Ending July 27, 2018	46	Bcf
8/9/18	Actual Underground Storage for:	Week Ending July 27, 2018	2,354	Bcf

8/10/18	<b>September 2018 NYMEX Natural Gas Settle:</b> The final settlement day for the 8/18 NYMEX contract is 8/29/18.	\$2.944 /Dth	Down	(\$0.011) /Dth
8/10/18	<b>2018 Summer Diminishing NYMEX Natural Gas Average:</b> (September 18 thru October 18)	\$2.947 /Dth	Down	(\$0.011) /Dth
8/10/18	<b>12 Month NYMEX Natural Gas Average:</b> (September 18 thru August 19)	\$2.890 /Dth	Down	(\$0.009) /Dth
8/10/18	<b>2019 Winter Forward NYMEX Natural Gas Average:</b> (November 18 thru March 19)	\$3.064 /Dth	Down	(\$0.011) /Dth

**Note: NYMEX pricing set at Henry Hub, Louisiana. These prices do not include Basis to your market area.**

### Other Energy Futures

September 2018 Crude Oil Futures closed today @ \$67.63/bbl.

September 2018 Unleaded Gasoline Futures closed today @ \$2.039/gal.

September 2018 Heating Oil Futures closed today @ \$2.140/gal or \$15.194/Dth equivalent (\$2.140 \* 7.1).

September 2018 PJM Electricity Futures last traded @ \$37.30/MWh.

### Contact Information

#### DuBois Office:

Toll Free: (888) 634-4748

Phone: (814) 371-3800

Fax: (814) 371-3858

#### Website:

[www.openflowenergy.com](http://www.openflowenergy.com)

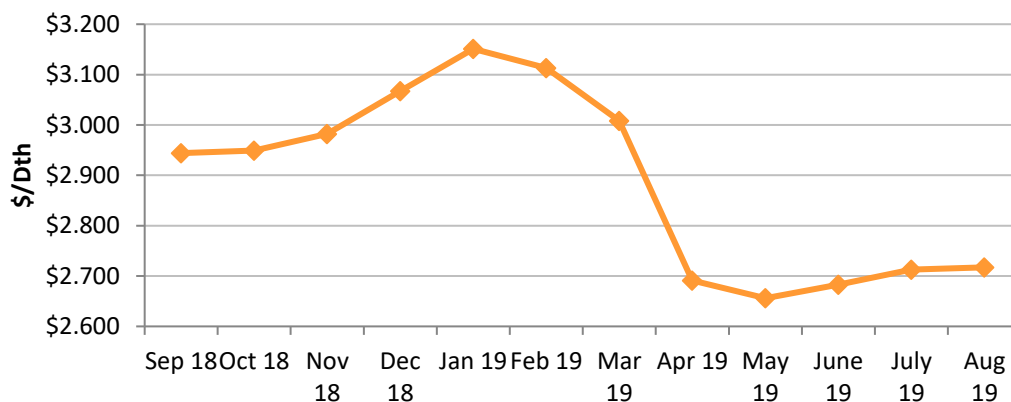
## Energy Information Administration (EIA) Weekly Update

For a weekly publication on natural gas conditions from the EIA, follow the link provided. [www.eia.gov/naturalgas/weekly/](http://www.eia.gov/naturalgas/weekly/)

## Forward Looking NYMEX Futures

Month	Price	+/-
Sep 18	\$2.944	(\$0.011)
Oct 18	\$2.949	(\$0.010)
Nov 18	\$2.982	(\$0.010)
Dec 18	\$3.067	(\$0.010)
Jan 19	\$3.151	(\$0.011)
Feb 19	\$3.113	(\$0.012)
Mar 19	\$3.008	(\$0.014)
Apr 19	\$2.691	(\$0.007)
May 19	\$2.656	(\$0.007)
June 19	\$2.683	(\$0.006)
July 19	\$2.713	(\$0.006)
Aug 19	\$2.717	(\$0.007)

## Forward Price Curve



## NYMEX Front Month Trading

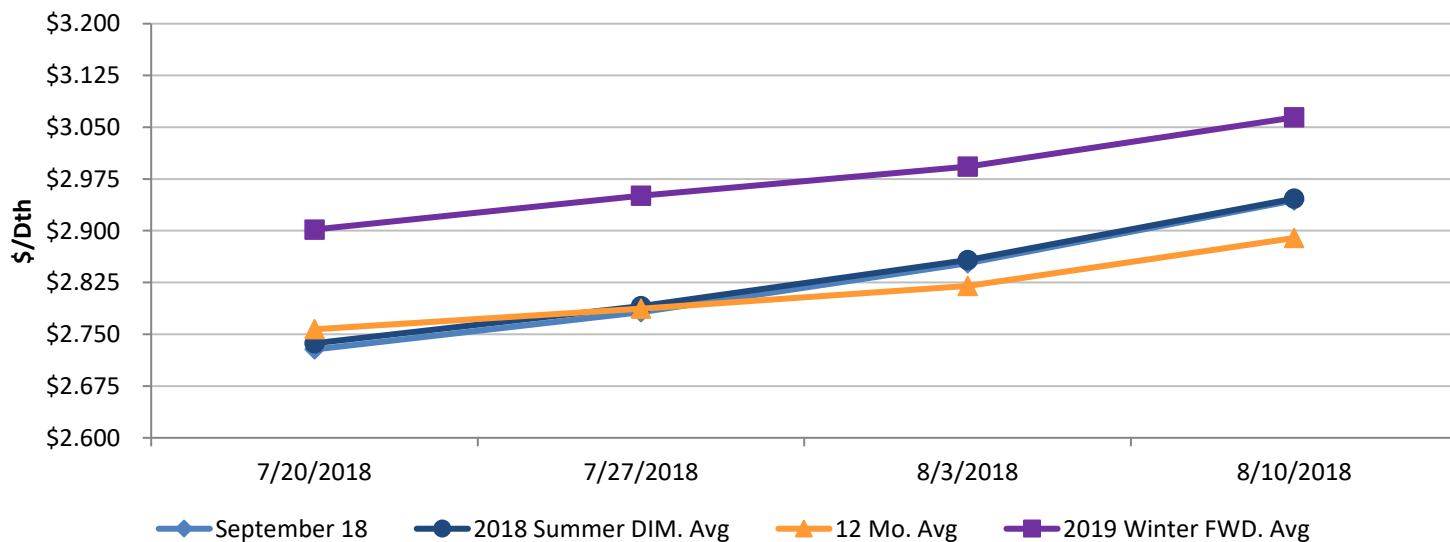
Month	Low	High
Sep 18	\$2.917	\$2.955

September 2018 NYMEX Final Trading Date: 8/29/18

**Note: Prices do not include basis.**

## Near Term Natural Gas Strips

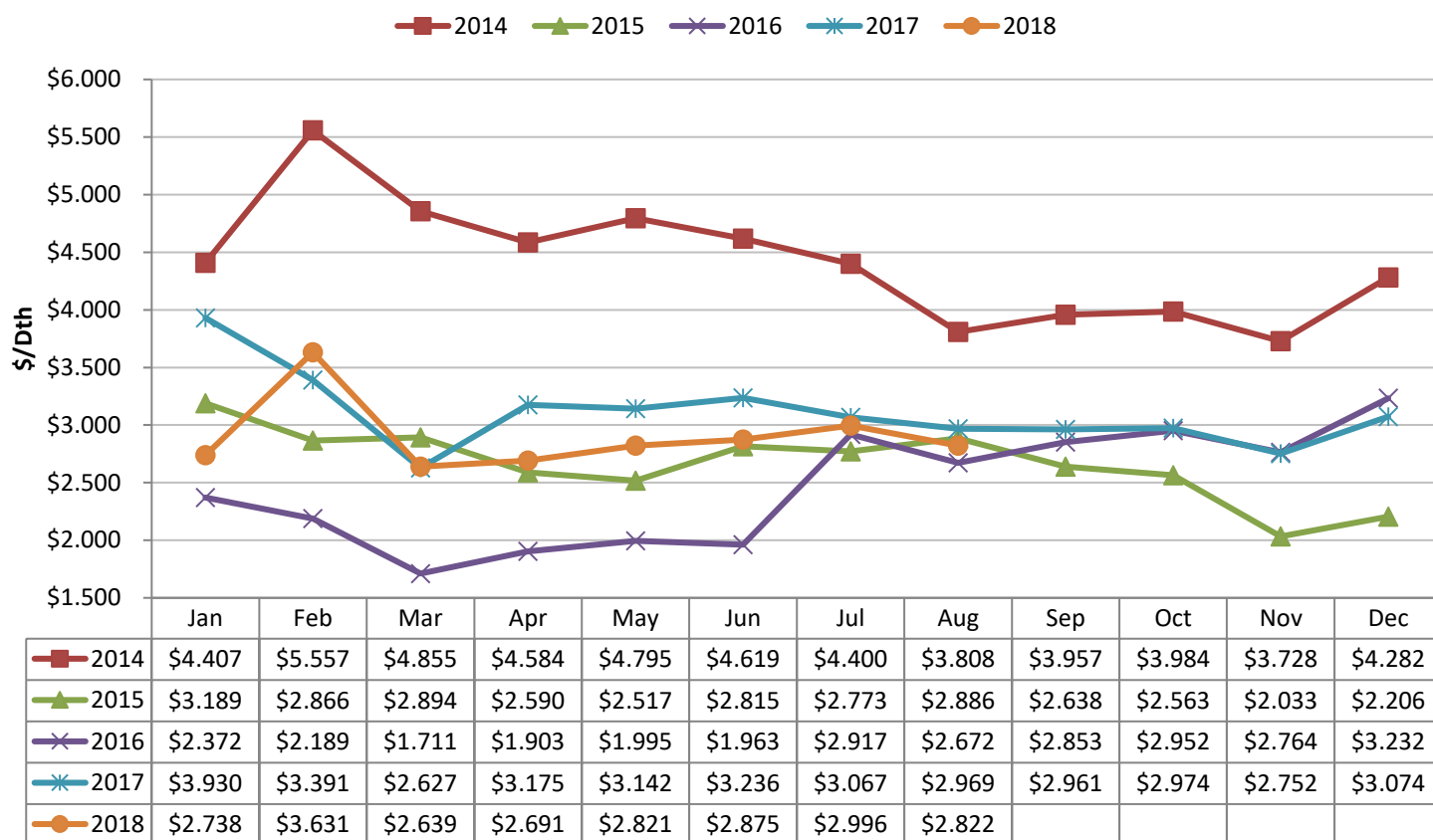
## Near Term NYMEX



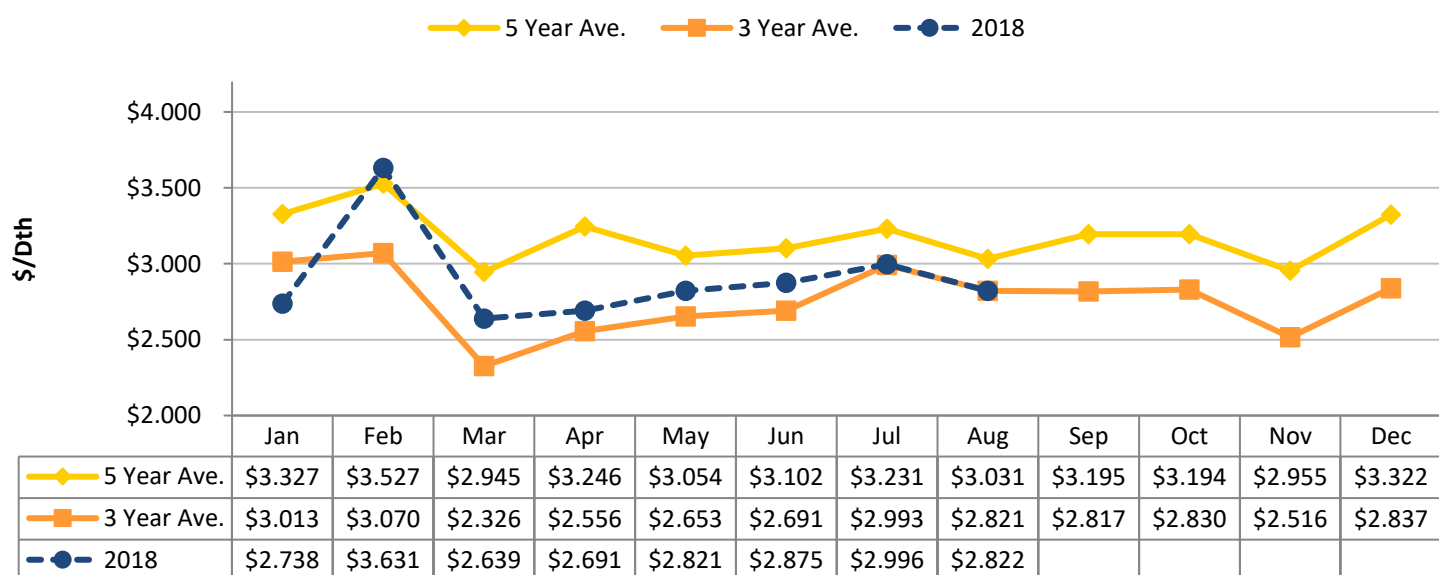
- 2 Month 2018 Summer Diminishing Average is comprised of September 2018 through October 2018.
- 12 Month Average is comprised of September 2018 through October 2019.
- 5 Month 2018/2019 Winter Forward Average is comprised of November 2018 through March 2019.

## Historical NYMEX Settlements

## Historical NYMEX Natural Gas Futures Final Settlement Prices



## Average Historical Settlement Comparison



## Current Storage Conditions

### Underground Injection/Withdrawal for:

Time Frame	+/-	
Current Week	46	Bcf
Prior Year	29	Bcf
Five Year Average	53	Bcf

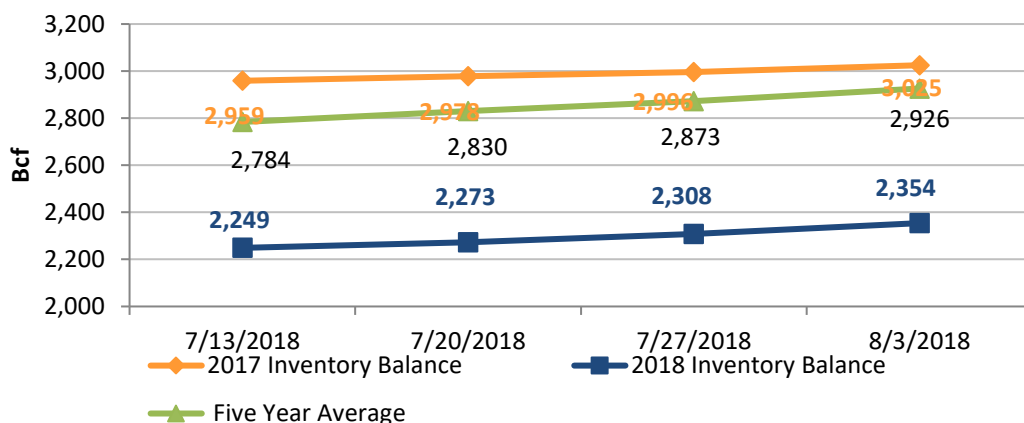
### Regional Breakdown for Storage:

Region	8/3	7/27	+/-	
East	575	552	23	Bcf
Midwest	579	552	27	Bcf
Mountain	148	146	2	Bcf
Pacific	245	250	-5	Bcf
South Central	807	808	-1	Bcf
Total	2,354	2,308	46	Bcf

## Summary

Working gas in storage was 2,354 Bcf as of August 3, 2018, according to EIA estimates. This represents a net Increase of 46 Bcf from the previous week. Stocks were 671 Bcf (22.18 %) less than last year at this time at 3,025 Bcf and 572 Bcf (19.55%) below the 5-year average of 2,926 Bcf.

### Storage Inventory Balance 2017 vs. 2018 vs. 5 yr Avg

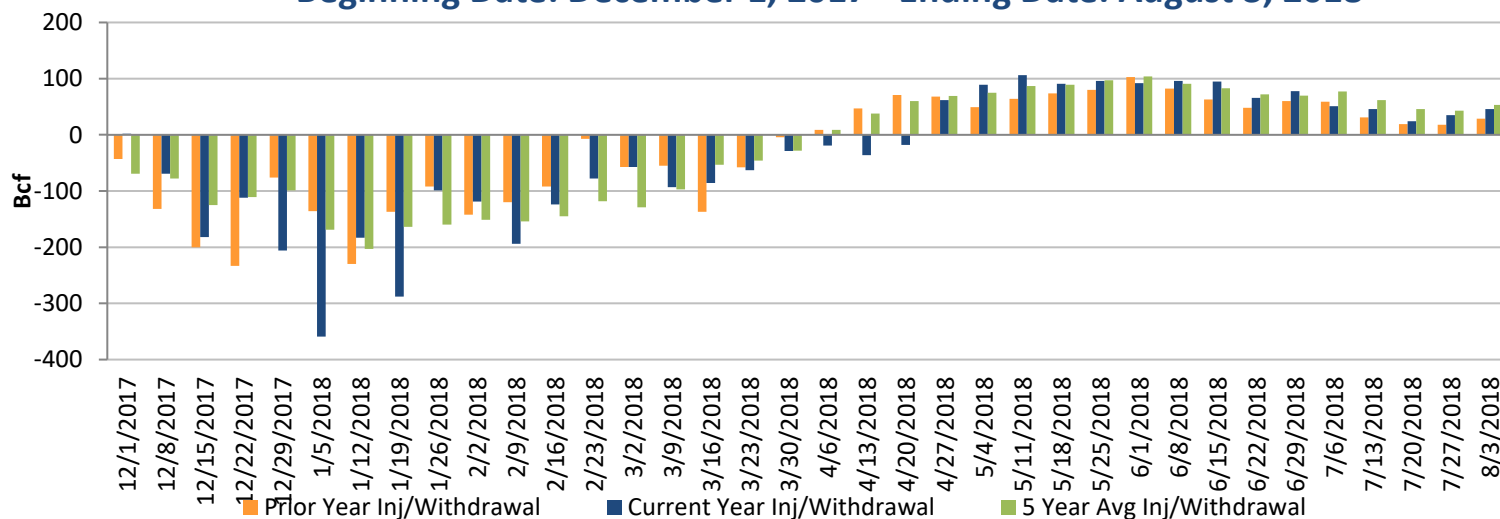


**Note: Storage accounts only for the Lower 48**

## Historical Injection/Withdrawal Figures

### Weekly Storage Release Data

Beginning Date: December 1, 2017 - Ending Date: August 3, 2018



Source for Storage Information: "Weekly Natural Gas Storage Report." Energy Information Administration - EIA's Information Releases Website.  
Eia.gov, <<http://ir.eia.gov/ngs/ngs.html>>.

## Natural Gas Rig Data

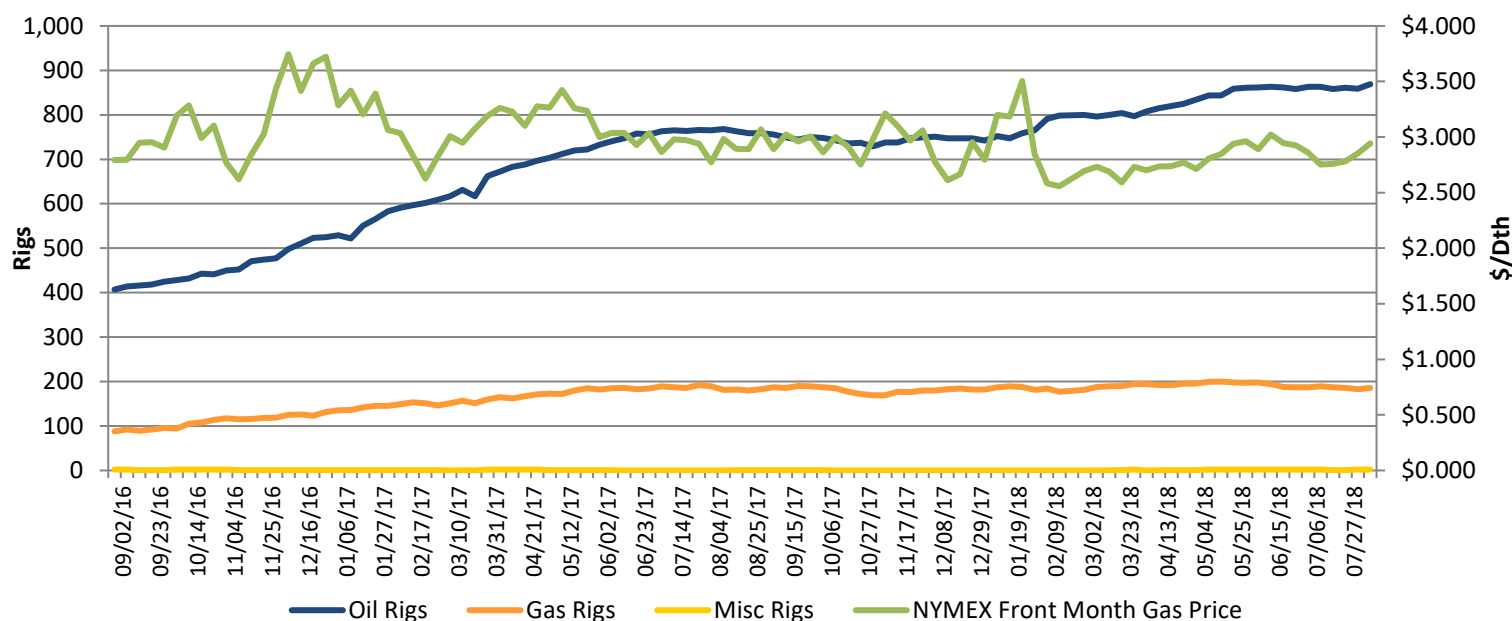
## Comparison of U.S. Natural Gas Rig Counts

Rig Count	8/10	8/3	+/-
Current Year	186	183	3
Previous Year	181	189	-8
+/-	5	-6	

The U.S. Natural Gas Rig Count is comprised of Directional, Horizontal, and Vertical Rigs in use.  
Data obtained from Baker Hughes Inc.

## Rig Count/NYMEX

## Two Year U.S. Rig Count and NYMEX Natural Gas Futures



## Temperature/Tropical Forecasts

Short Term NOAA Temperature Probability (8/10/18):

6-10 Day: Warmer than normal temperatures expected for nearly all the US with the exception of the south southwest where temperatures could be cooler than normal

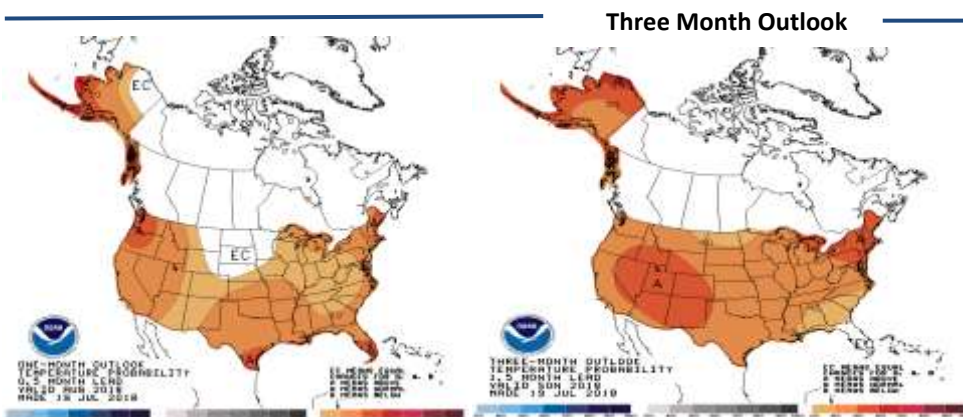
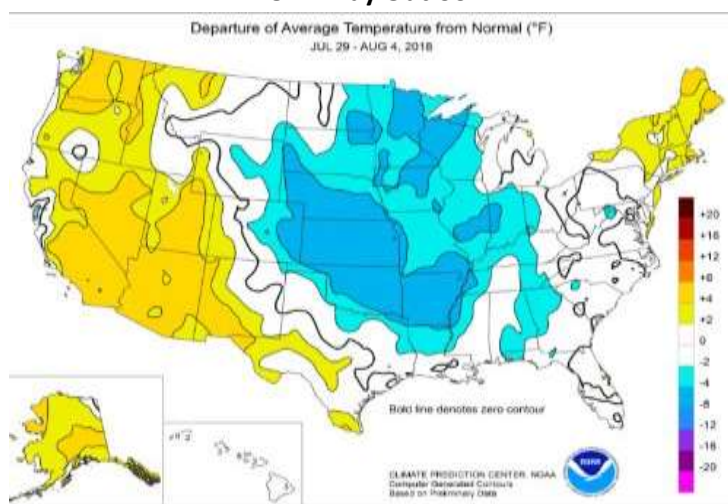
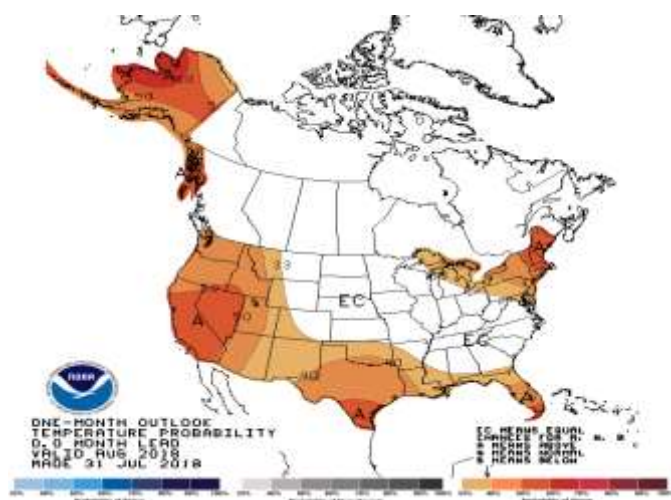
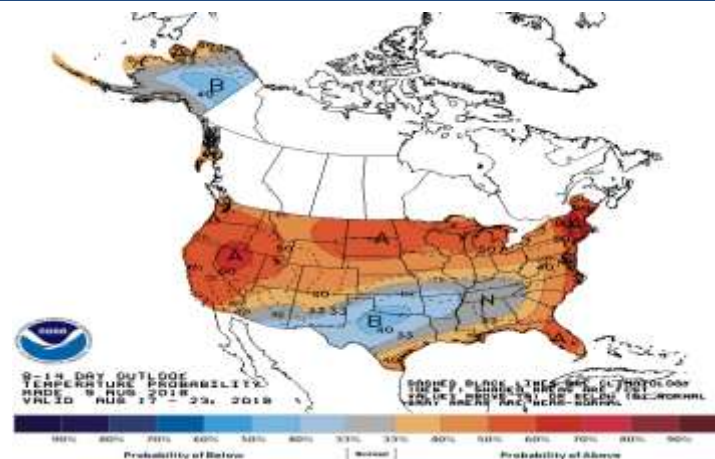
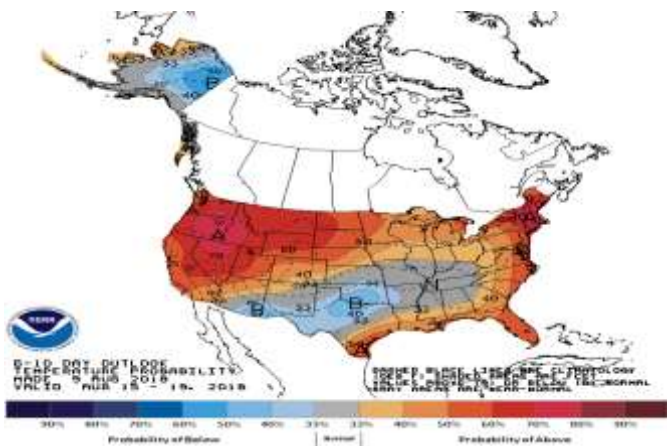
8-14 Day: Warmer than normal temperatures expected for nearly all the US with the exception of the south southwest where temperatures could be cooler than normal

Long Term 90 Day NOAA Temperature Outlook Probability (7/20/18):

Most of the US will experience above normal temperatures looking at the long range forecast.

Source for Rig Data: "North American Rotary Rig Counts - Current Weekly Data." BakerHughes.com. Baker Hughes Incorporated, Web.  
<[http://investor.shareholder.com/bhi/rig\\_counts/rc\\_index.cfm](http://investor.shareholder.com/bhi/rig_counts/rc_index.cfm)>.

Source Tropical Outlook: "Atlantic Tropical Weather Outlook." nhc.noaa.gov. National Oceanic Atmospheric Administration, Web.  
<<http://www.nhc.noaa.gov/text/refresh/MIATWOAT+.shtml/131312.shtml>>.

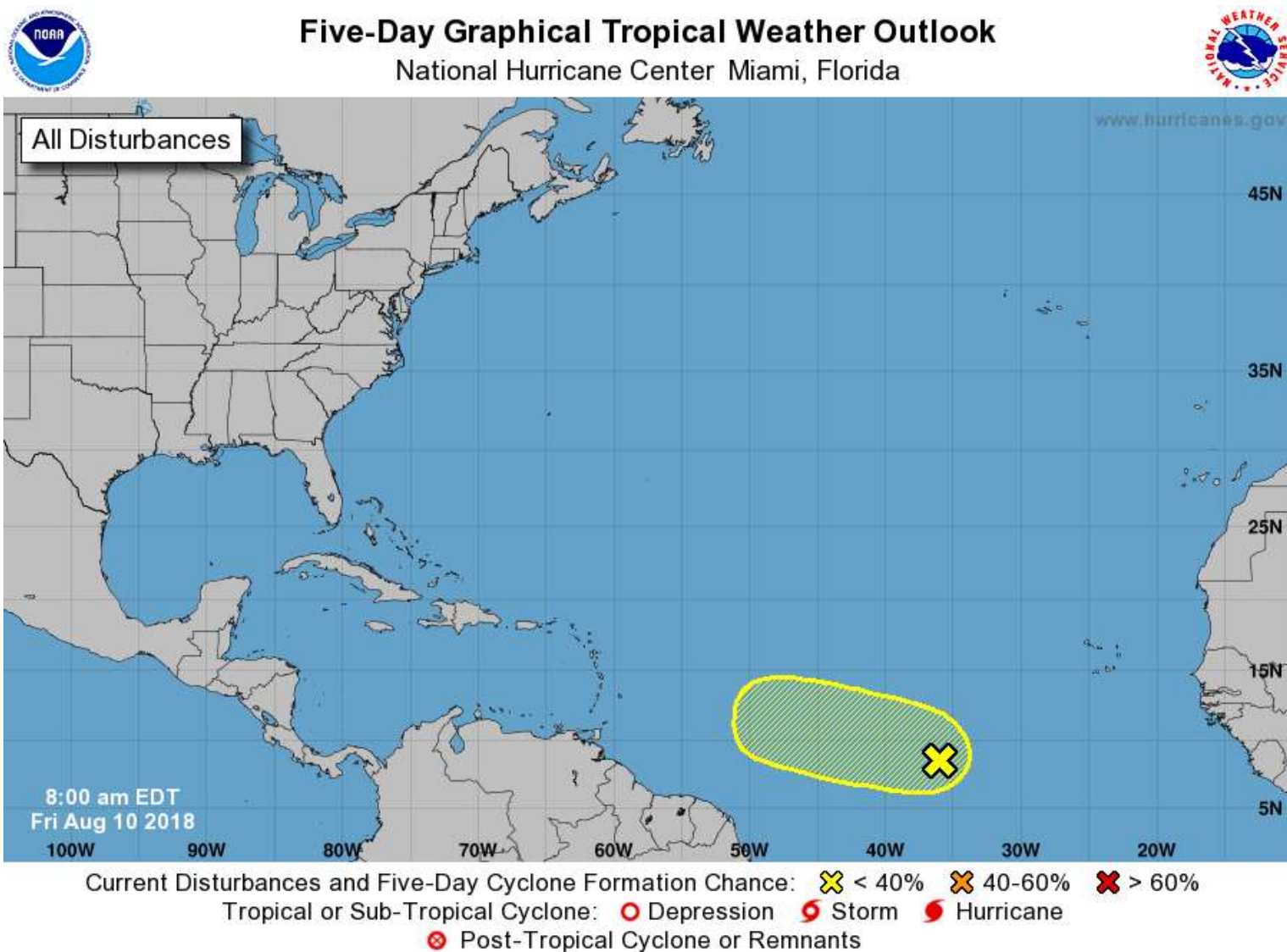


[www.openflowenergy.com](http://www.openflowenergy.com)



**Atlantic Basin Tropical Outlook:**

Small chance of 20% for this disturbance off the Lesser Antilles to form over the coming 5 days. Looks unlikely to affect the US Coast for the week or so.



National Hurricane Center - Atlantic Tropical Cyclone

[www.NHC.noaa.gov](http://www.NHC.noaa.gov)

Source for Weather Maps: "Outlook Maps, Graphs and Tables." [nws.noaa.gov](http://www.nws.noaa.gov). National Oceanic Atmospheric Administration, Web.  
<<http://www.cpc.ncep.noaa.gov/products/forecasts/>>.

**Disclaimer:** The contents of this report are being provided for informational purposes only and should not be relied upon by recipient. South Jersey Energy does not warrant the accuracy of the information herein contained and South Jersey Energy is not liable for recipients use of or reliance upon the information contained herein.