



# South Jersey Energy

## Pennsylvania Division

www.openflowenergy.com

Friday, May 18, 2018

### Weekly Natural Gas Newsletter

#### Current Storage and Market Conditions

5/17/18	Projected Underground Storage <b>Injection (Withdrawal)</b> for:	Week Ending May 11, 2018	98 to 122	Bcf
5/17/18	Actual Underground Storage <b>Injection (Withdrawal)</b> for:	Week Ending May 11, 2018	106	Bcf
5/17/18	Actual Underground Storage for:	Week Ending May 11, 2018	1,538	Bcf

5/18/18	<b>June 2018 NYMEX Natural Gas Settle:</b> The final settlement day for the 6/18 NYMEX contract is 5/29/18.	\$2.847 /Dth	Down	(\$0.012) /Dth
5/18/18	<b>2018 Summer Diminishing NYMEX Natural Gas Average:</b> (June 18 thru October 18)	\$2.875 /Dth	Down	(\$0.005) /Dth
5/18/18	<b>12 Month NYMEX Natural Gas Average:</b> (June 18 thru May 19)	\$2.886 /Dth	Up	\$0.001 /Dth
5/18/18	<b>2019 Winter Forward NYMEX Natural Gas Average:</b> (November 18 thru March 19)	\$3.014 /Dth	Up	\$0.004 /Dth

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

#### Other Energy Futures

- June 2018 Crude Oil Futures closed today @ \$71.28/bbl.
- June 2018 Unleaded Gasoline Futures closed today @ \$2.233/gal.
- June 2018 Heating Oil Futures closed today @ \$2.266/gal or \$16.0886/Dth equivalent (\$2.266 \* 7.1).
- June 2018 PJM Electricity Futures last traded @ \$34.600/MWh.

#### Contact Information

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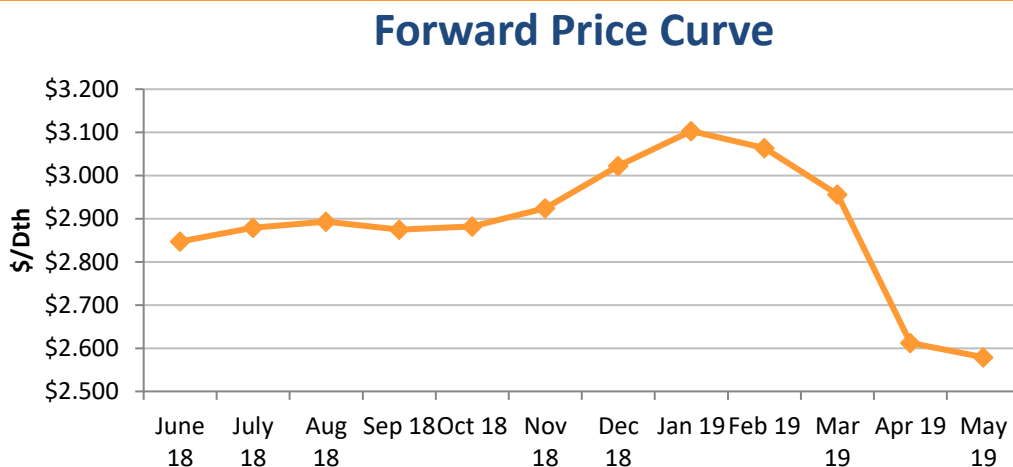
**Website:**  
[www.openflowenergy.com](http://www.openflowenergy.com)

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	+/-
June 18	\$2.847	(\$0.012)
July 18	\$2.879	(\$0.007)
Aug 18	\$2.893	(\$0.005)
Sep 18	\$2.875	(\$0.002)
Oct 18	\$2.882	\$0.000
Nov 18	\$2.924	\$0.002
Dec 18	\$3.022	\$0.004
Jan 19	\$3.103	\$0.005
Feb 19	\$3.064	\$0.005
Mar 19	\$2.956	\$0.006
Apr 19	\$2.612	\$0.008
May 19	\$2.579	\$0.008



NYMEX Front Month Trading

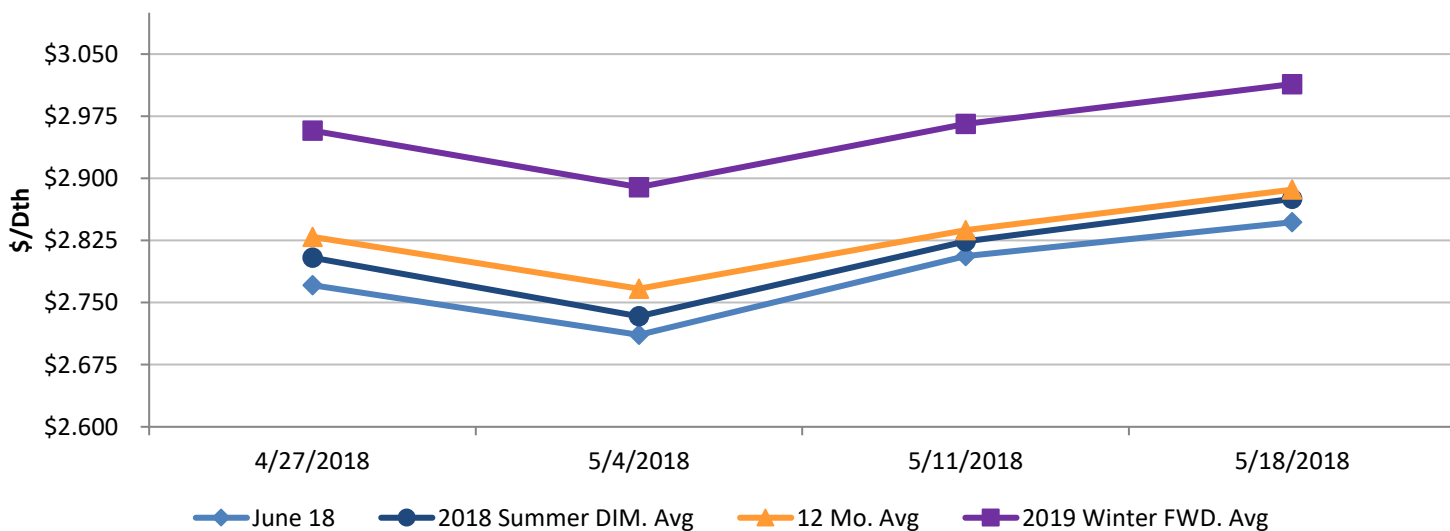
Month	Low	High
June 18	\$2.836	\$2.870

June 2018 NYMEX Final Trading Date: 5/29/18

Note: Prices do not include basis.

Near Term Natural Gas Strips

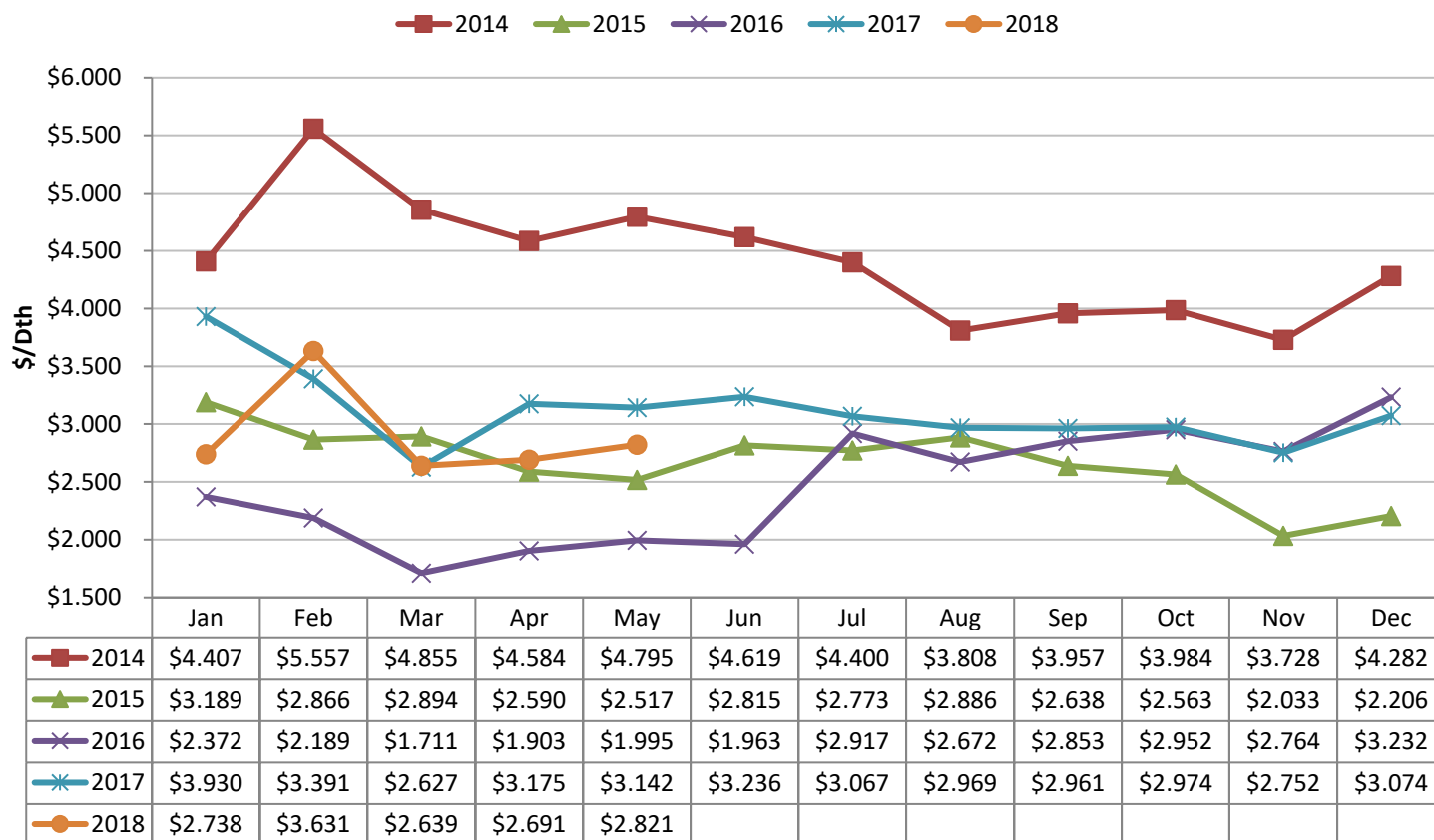
Near Term NYMEX



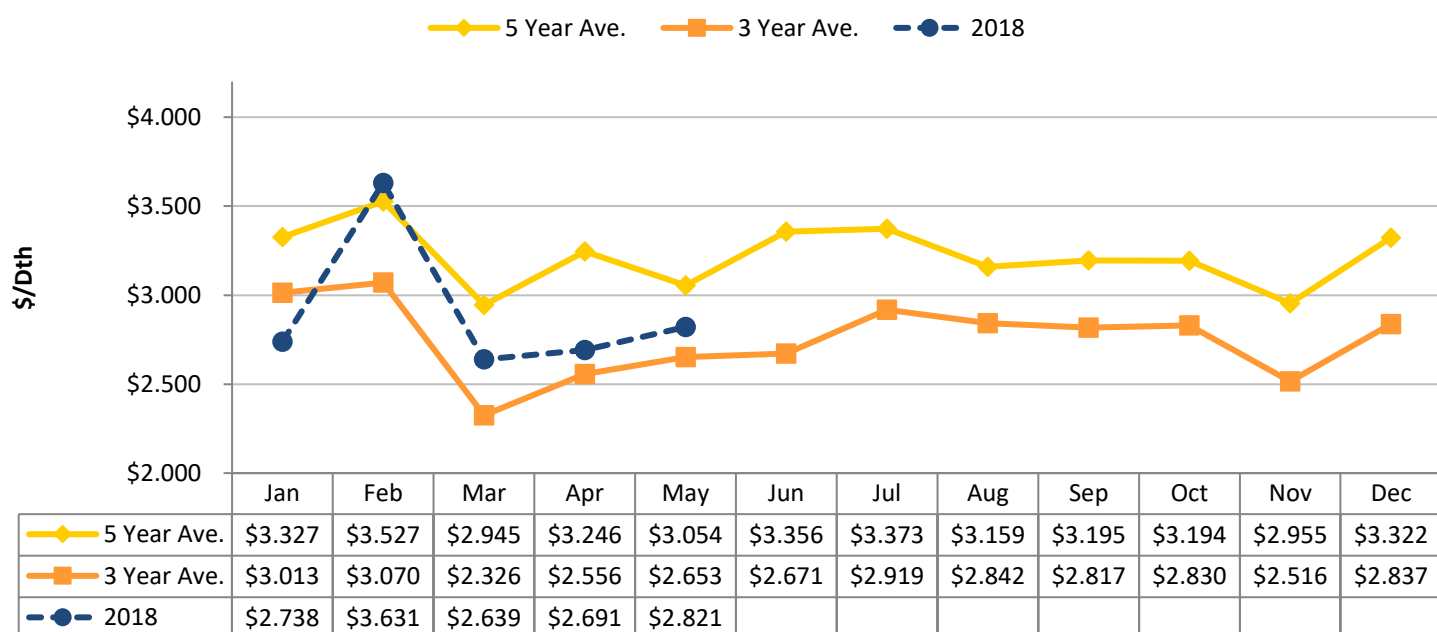
- 5 Month 2018 Summer Diminishing Average is comprised of June 2018 through October 2018.
- ▲ 12 Month Average is comprised of June 2018 through May 2019.
- 5 Month 2018/2019 Winter Forward Average is comprised of November 2018 through March 2019.

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	106	Bcf
Prior Year	64	Bcf
Five Year Average	87	Bcf

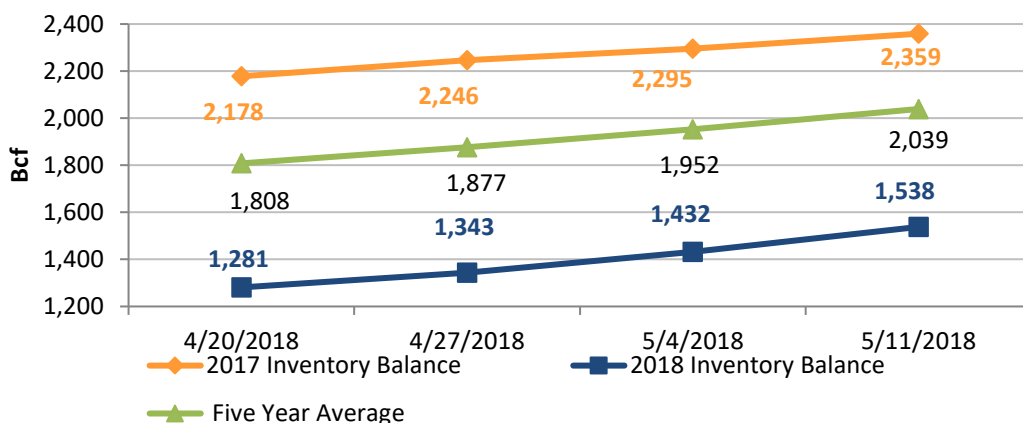
### Regional Breakdown for Storage:

Region	5/11	5/4	+/-	
East	275	243	32	Bcf
Midwest	267	240	27	Bcf
Mountain	98	92	6	Bcf
Pacific	204	195	9	Bcf
South Central	694	662	32	Bcf
<b>Total</b>	<b>1,538</b>	<b>1,432</b>	<b>106</b>	<b>Bcf</b>

## Summary

Working gas in storage was 1,538 Bcf as of May 11, 2018, according to EIA estimates. This represents a net Increase of 106 Bcf from the previous week. Stocks were 821 Bcf (34.80 %) less than last year at this time at 2,359 Bcf and 501 Bcf (24.57%) below the 5-year average of 2,039 Bcf.

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

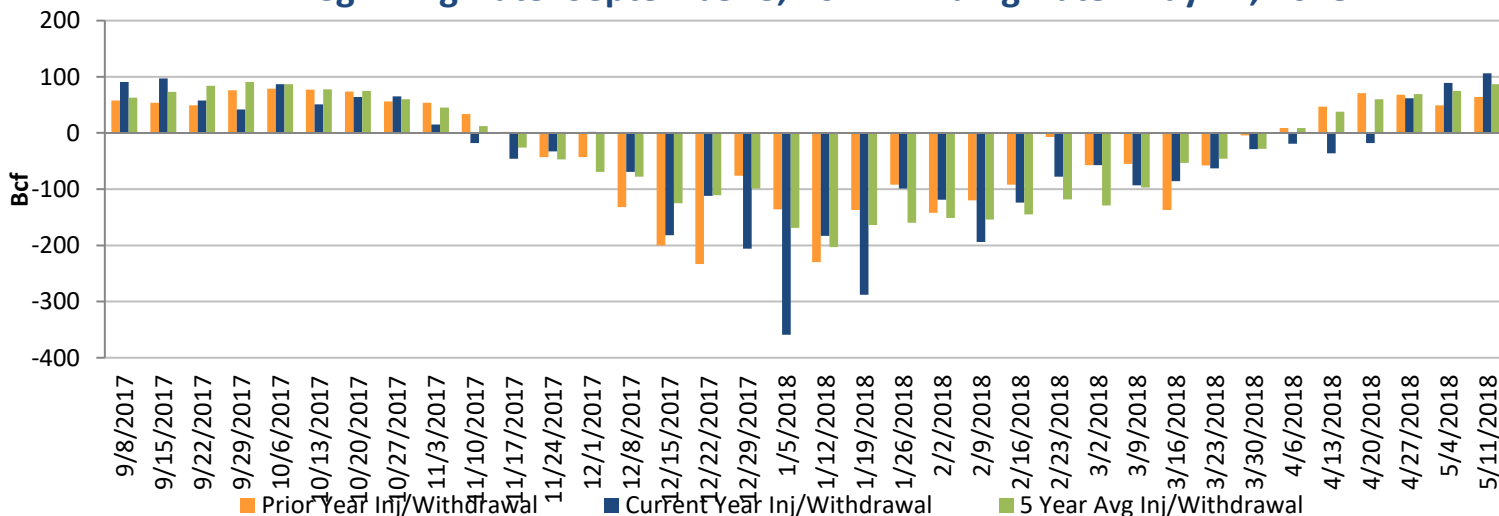


Note: Storage accounts only for the Lower 48

## Historical Injection/Withdrawal Figures

### Weekly Storage Release Data

Beginning Date: September 8, 2017 - Ending Date: May 11, 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

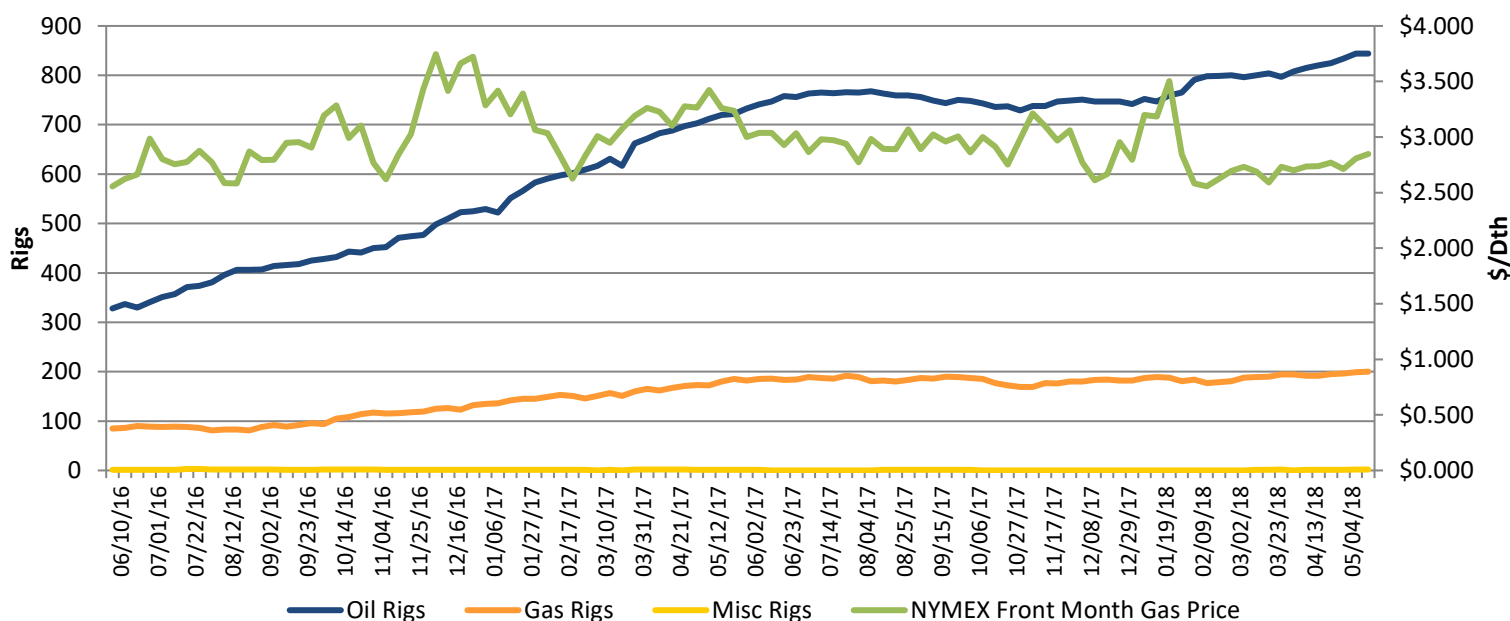
### Comparison of U.S. Natural Gas Rig Counts

Rig Count	5/18	5/11	+/-
Current Year	200	199	1
Previous Year	180	172	8
+/-	20	27	

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 (5/18/18):

6-10 Day: Warmer than normal temperatures expected for most of the US in the coming days.

8-14 Day: Warmer than normal temperatures expected for most of the US in the coming days.

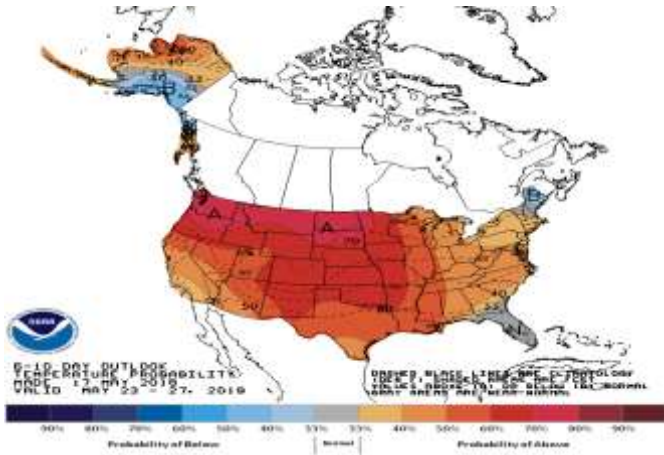
### Long Term 90 Day NOAA Temperature Outlook Probability (5/18/18):

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

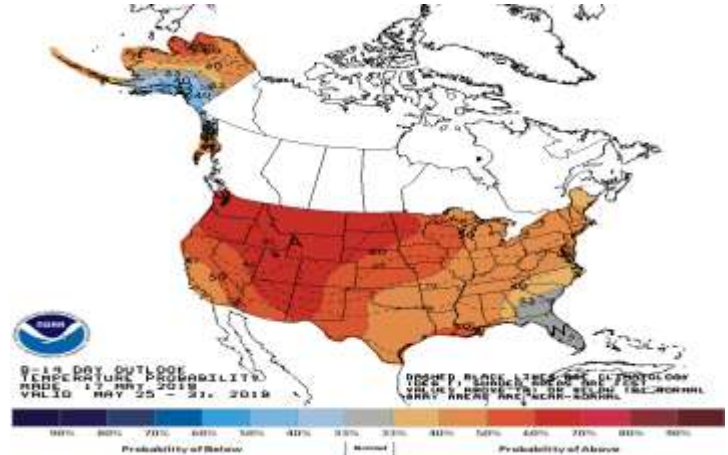
Source for Rig Data: "North American Rotary Rig Counts - Current Weekly Data." BakerHughes.com. Baker Hughes Incorporated, Web. <[http://investor.shareholder.com/bhi/rig\\_counts/rc\\_index.cfm](http://investor.shareholder.com/bhi/rig_counts/rc_index.cfm)>.

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>>.

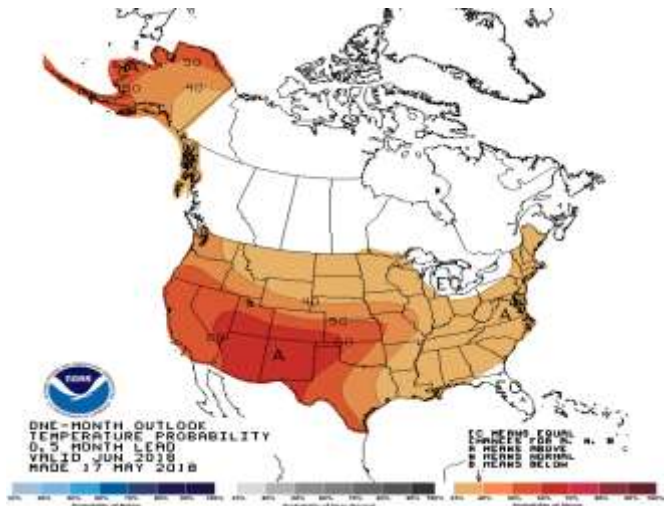
Temperature Maps



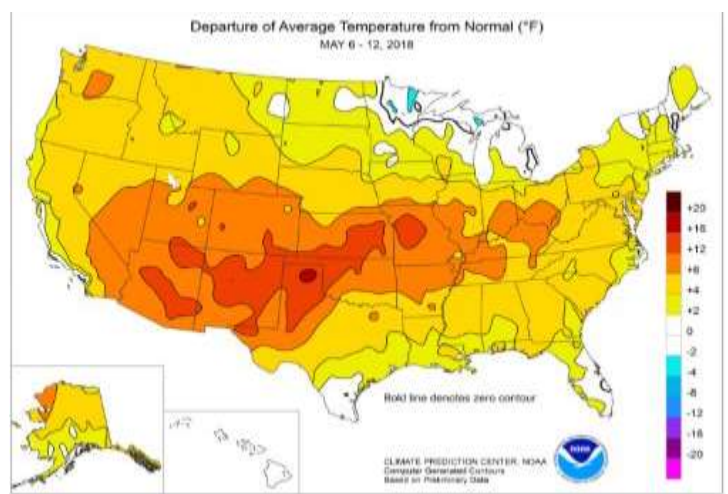
6-10 Day Outlook



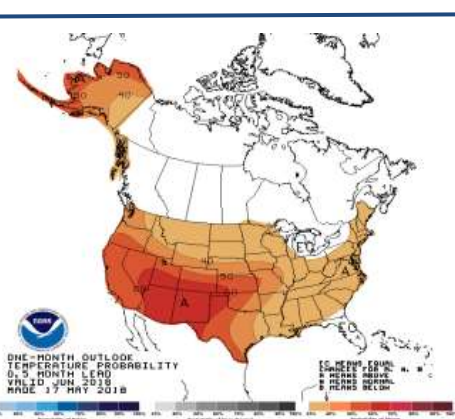
8-14 Day Outlook



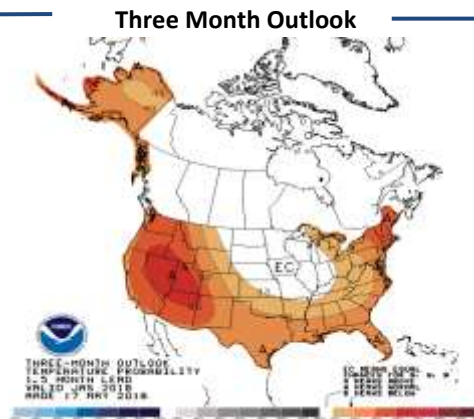
One Month Outlook



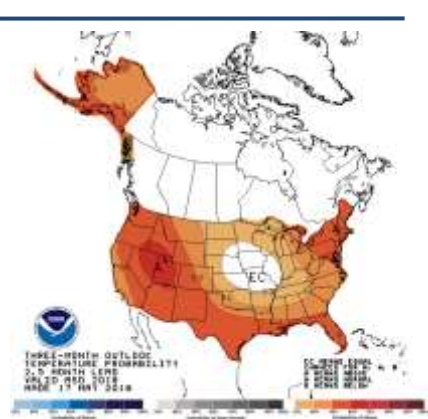
Previous Week Departure from Normal



June-July-August



July-August-September



August-September-October

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

Atlantic Basin Tropical Outlook:

# The Hurricane Season will resume June 1, 2018

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/>>.

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