



South Jersey Energy

Pennsylvania Division

www.openflowenergy.com

Friday, March 16, 2018

Weekly Natural Gas Newsletter

Current Storage and Market Conditions

3/15/18	Projected Underground Storage Injection (Withdrawal) for:	Week Ending March 9, 2018	-86 to -107	Bcf
3/15/18	Actual Underground Storage Injection (Withdrawal) for:	Week Ending March 9, 2018	-93	Bcf
3/15/18	Actual Underground Storage for:	Week Ending March 9, 2018	1,532	Bcf

3/16/18	April 2018 NYMEX Natural Gas Settle: The final settlement day for the 4/18 NYMEX contract is 3/28/18.	\$2.688 /Dth	Up	\$0.007 /Dth
3/16/18	2018 Summer Diminishing NYMEX Natural Gas Average: (April 18 thru October 18)	\$2.785 /Dth	Up	\$0.005 /Dth
3/16/18	12 Month NYMEX Natural Gas Average: (April 18 thru March 19)	\$2.876 /Dth	Up	\$0.003 /Dth
3/16/18	2019 Winter Forward NYMEX Natural Gas Average: (November 18 thru March 19)	\$3.003 /Dth	Up	\$0.000 /Dth

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

Other Energy Futures

April 2018 Crude Oil Futures closed today @ \$62.340/bbl.

April 2018 Unleaded Gasoline Futures closed today @ \$1.946/gal.

April 2018 Heating Oil Futures closed today @ \$1.912/gal or \$13.5752/Dth equivalent (\$1.912 * 7.1).

April 2018 PJM Electricity Futures last traded @ \$33.950/MWh.

Contact Information

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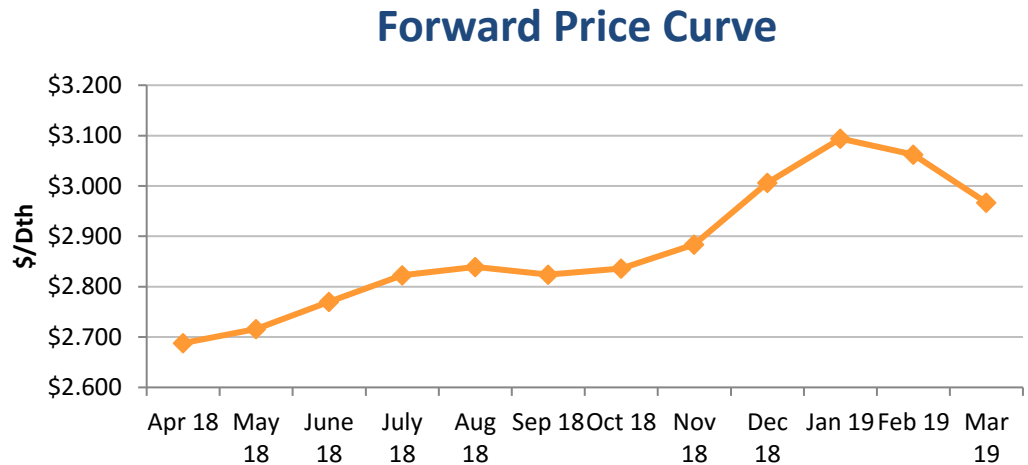
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Energy Information Administration (EIA) Weekly Update

For a weekly publication on natural gas conditions from the EIA, follow the link provided. www.eia.gov/naturalgas/weekly/

Forward Looking NYMEX Futures

Month	Price	+/-
Apr 18	\$2.688	\$0.007
May 18	\$2.716	\$0.004
June 18	\$2.770	\$0.005
July 18	\$2.823	\$0.006
Aug 18	\$2.839	\$0.004
Sep 18	\$2.824	\$0.005
Oct 18	\$2.836	\$0.005
Nov 18	\$2.884	\$0.002
Dec 18	\$3.006	\$0.000
Jan 19	\$3.094	\$0.000
Feb 19	\$3.062	\$0.000
Mar 19	\$2.967	\$0.000



NYMEX Front Month Trading

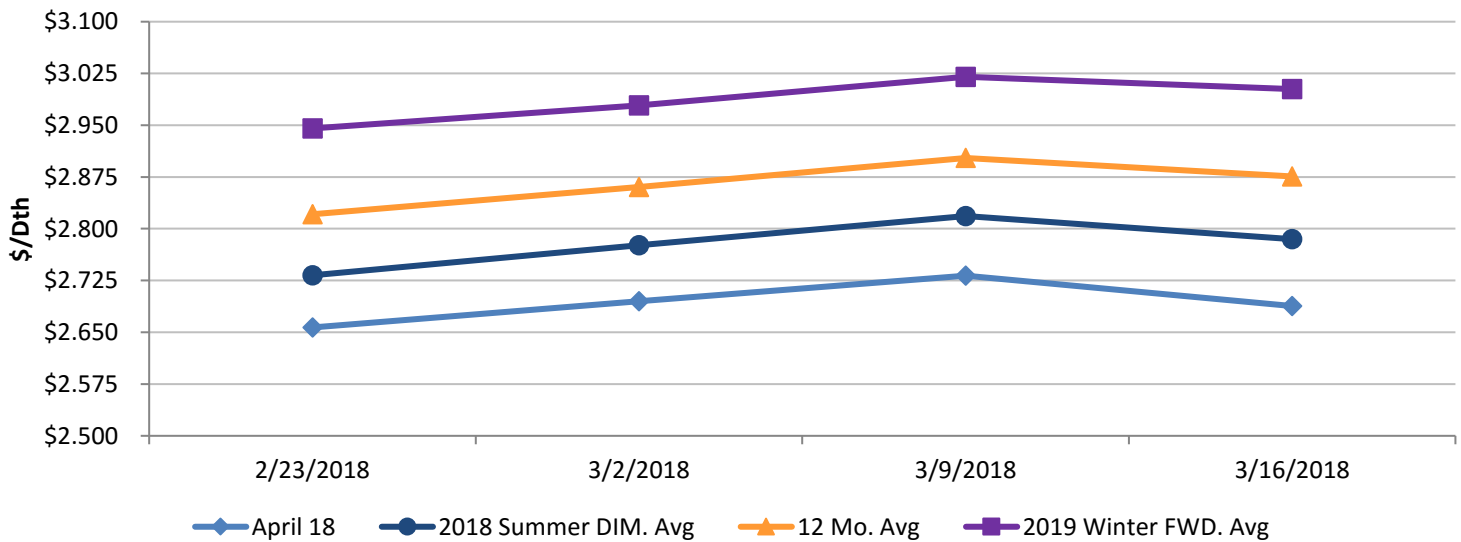
Month	Low	High
Apr 18	\$2.667	\$2.701

March 2018 NYMEX Final Trading Date: 2/26/18

Note: Prices do not include basis.

Near Term Natural Gas Strips

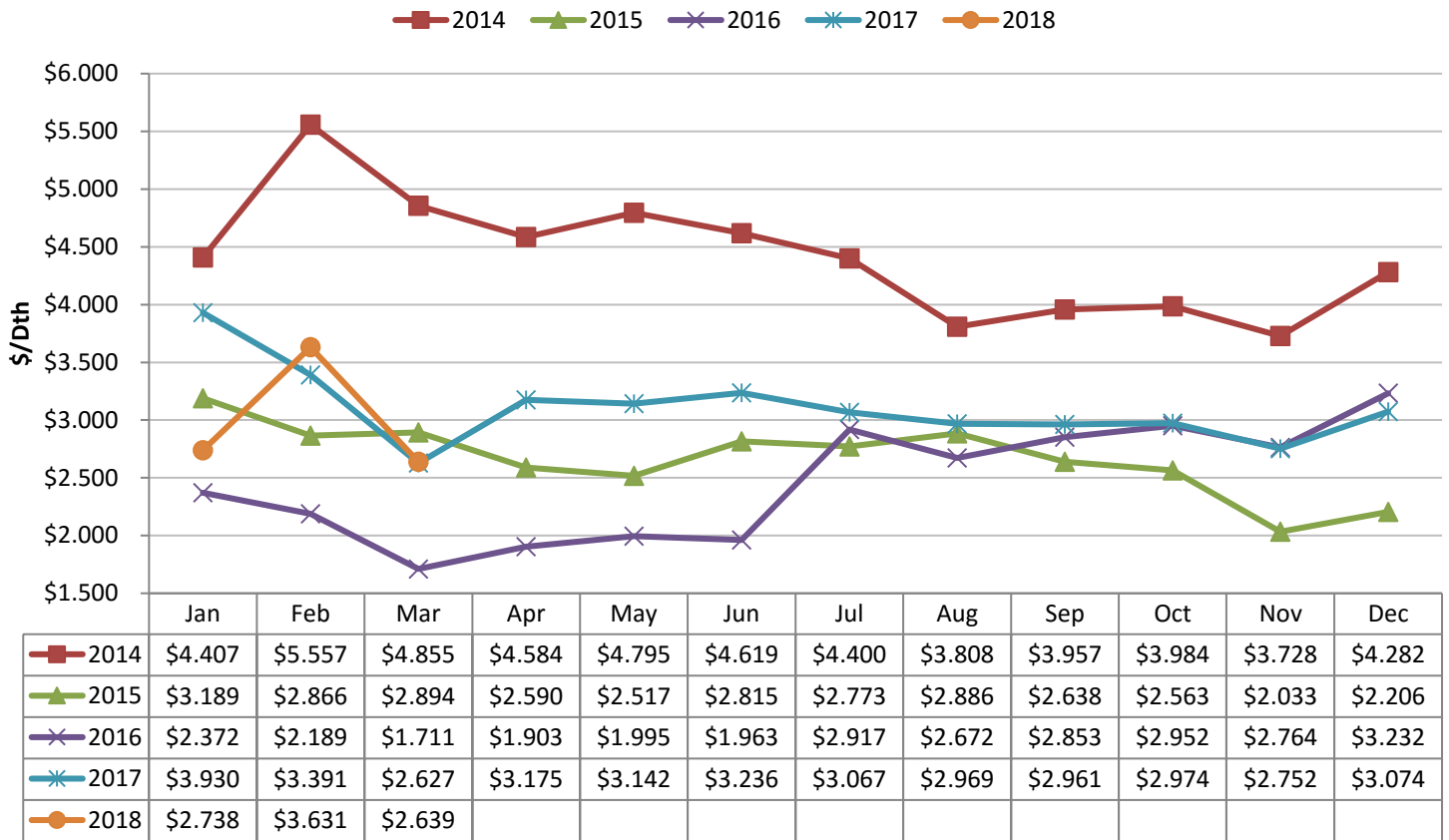
Near Term NYMEX



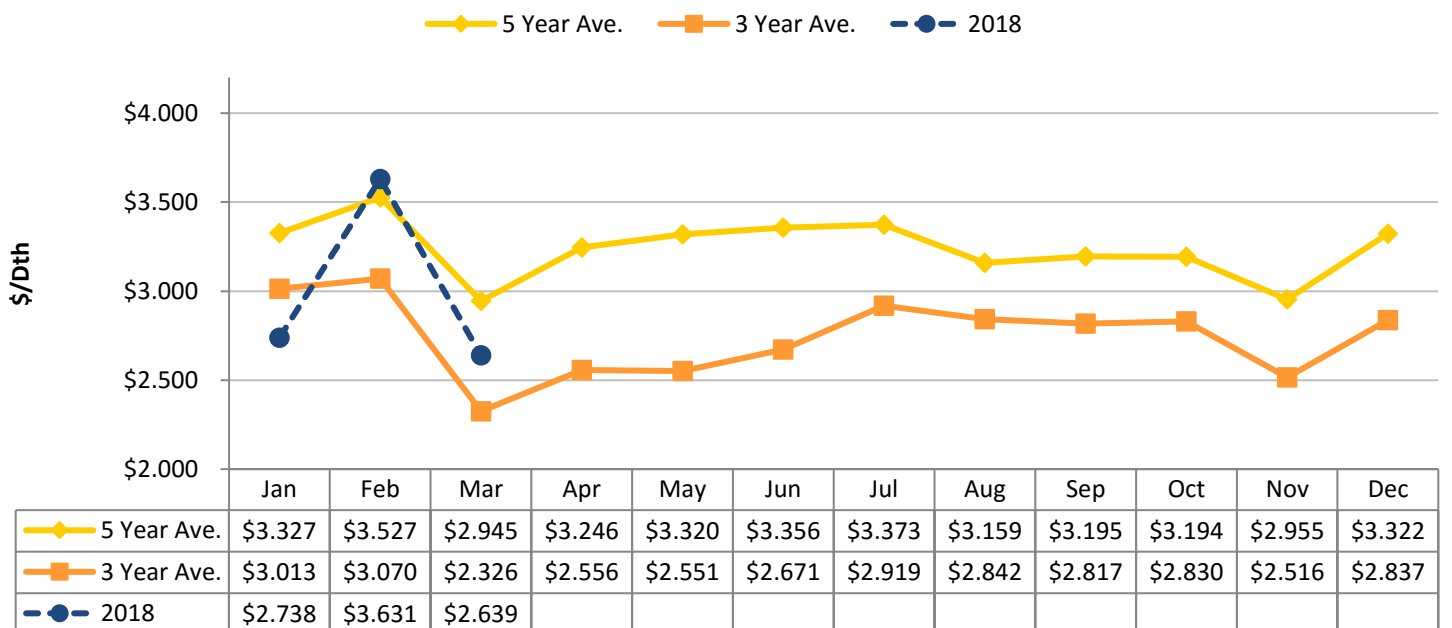
- 7 Month 2018 Summer Forward Average is comprised of April 2018 through October 2018.
- ▲ 12 Month Average is comprised of April 2018 through March 2019.
- 5 Month 2018/2019 Winter Forward Average is comprised of November 2018 through March 2019.

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	-93	Bcf
Prior Year	-55	Bcf
Five Year Average	-97	Bcf

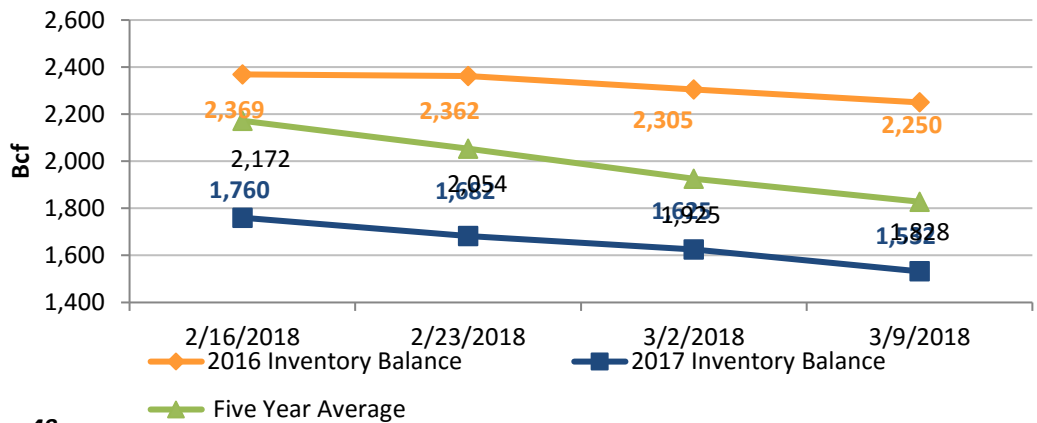
Regional Breakdown for Storage:

Region	3/9	3/2	+/-	
East	314	359	-45	Bcf
Midwest	350	380	-30	Bcf
Mountain	93	97	-4	Bcf
Pacific	169	177	-8	Bcf
South Central	606	612	-6	Bcf
Total	1,532	1,625	-93	Bcf

Summary

Working gas in storage was 1,532 Bcf as of March 9, 2018, according to EIA estimates. This represents a net Decrease of 93 Bcf from the previous week. Stocks are 718 Bcf (31.91 %) less than last year at this time at 2,250 Bcf and 296 Bcf (16.19%) below the 5-year average of 1,828 Bcf.

**Storage Inventory Balance
2016 vs. 2017 vs. 5 yr Avg**

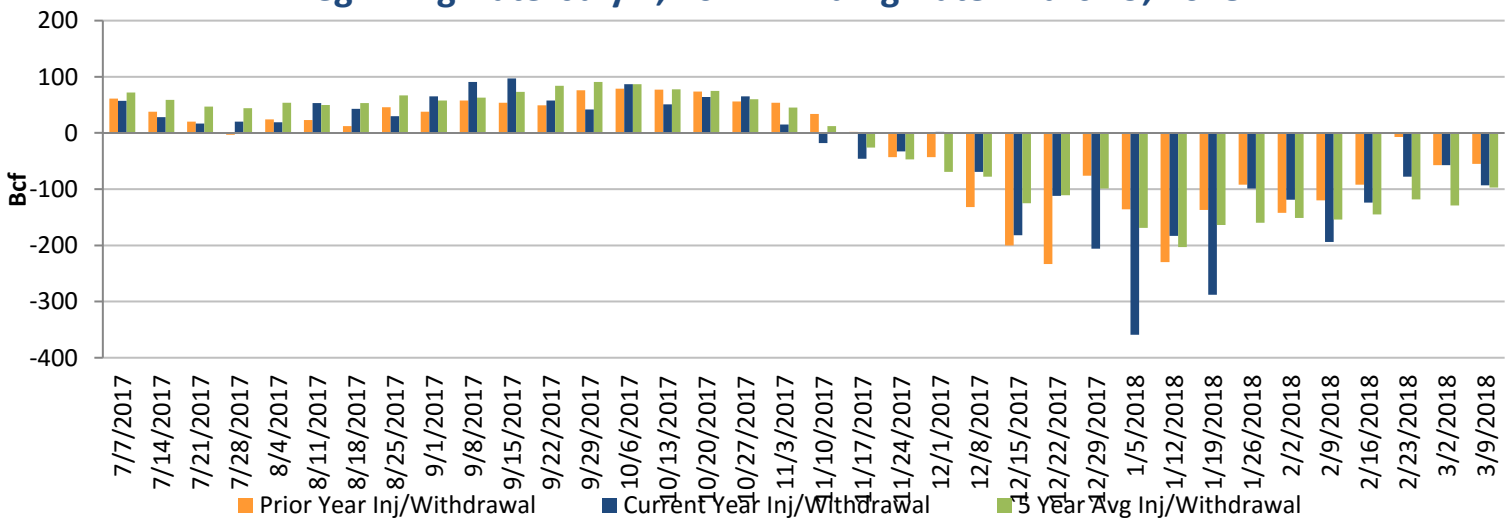


Note: Storage accounts only for the Lower 48

Historical Injection/Withdrawal Figures

Weekly Storage Release Data

Beginning Date: July 7, 2017 - Ending Date: March 9, 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

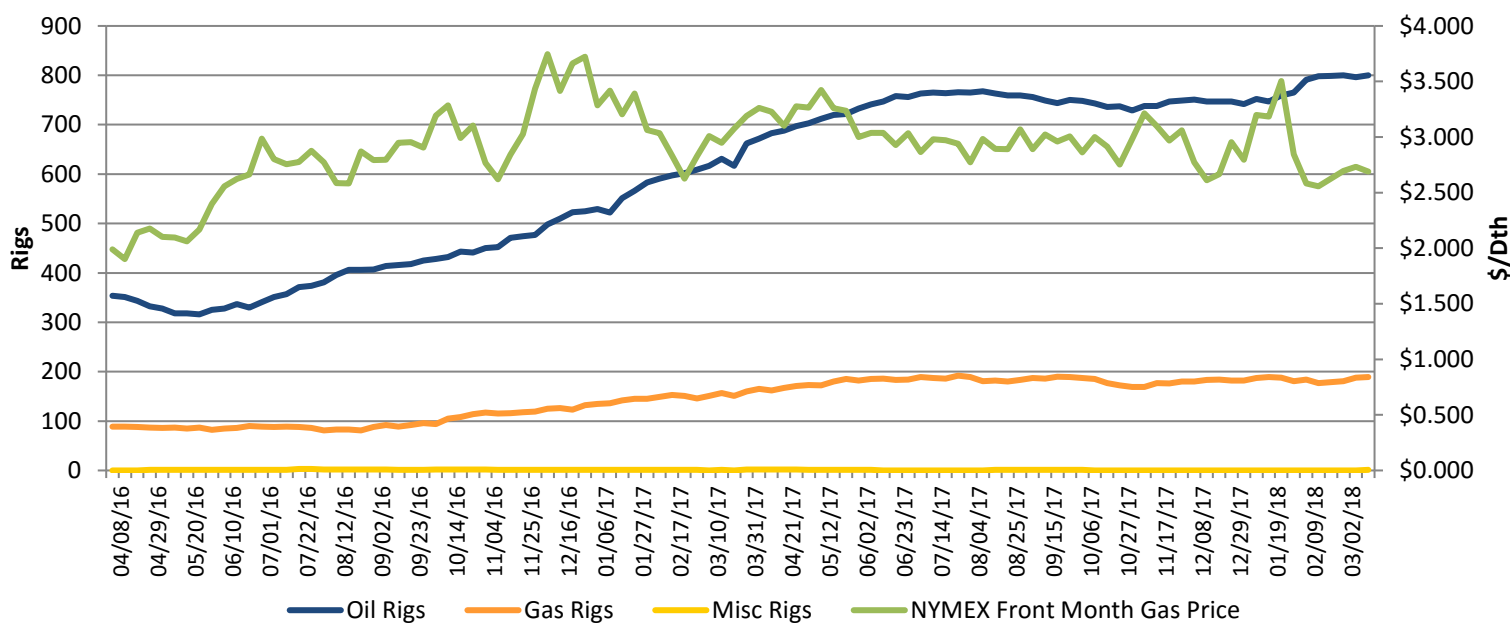
Comparison of U.S. Natural Gas Rig Counts

Rig Count	3/16	3/9	+/-
Current Year	189	188	1
Previous Year	157	151	6
+/-	32	37	

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 (3/16/18):

6-10 Day: The northern half to two thirds of the US will see temperatures below normal as only the southwest sees above normal.

8-14 Day: The northern half to two thirds of the US will see temperatures below normal as only the south sees above normal.

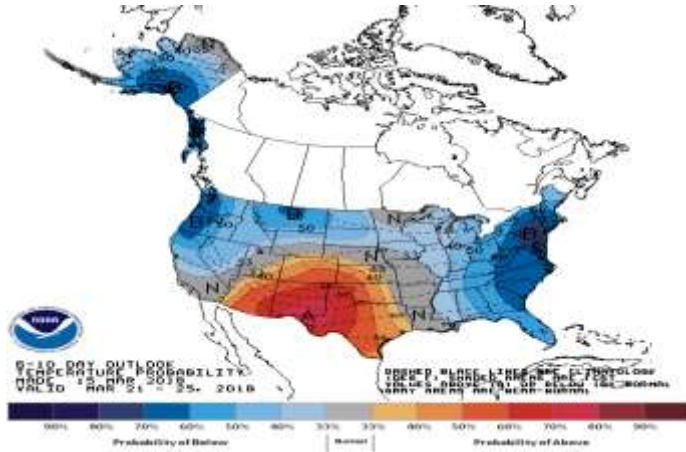
Long Term 90 Day NOAA Temperature Outlook Probability (3/15/18):

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

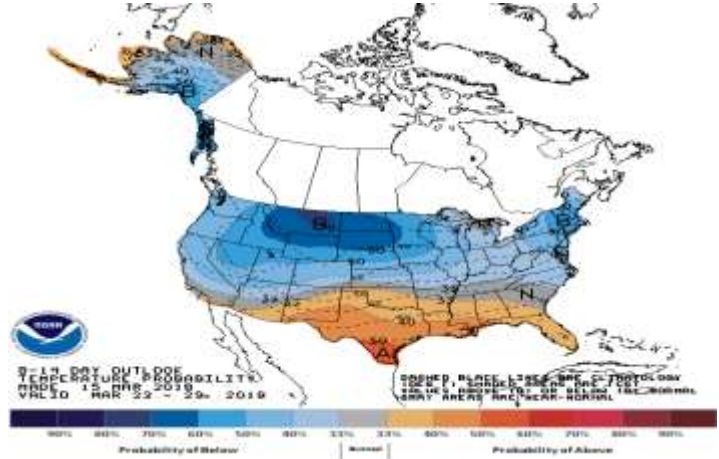
Source for Rig Data: "North American Rotary Rig Counts - Current Weekly Data." BakerHughes.com. Baker Hughes Incorporated, Web. <http://investor.shareholder.com/bhi/rig_counts/rc_index.cfm>.

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>>.

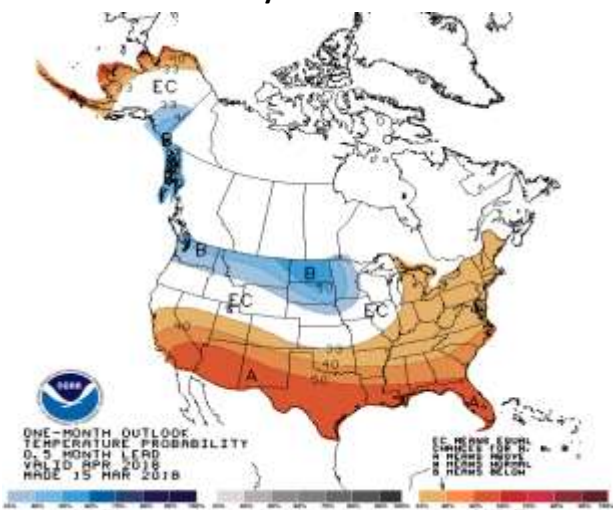
Temperature Maps



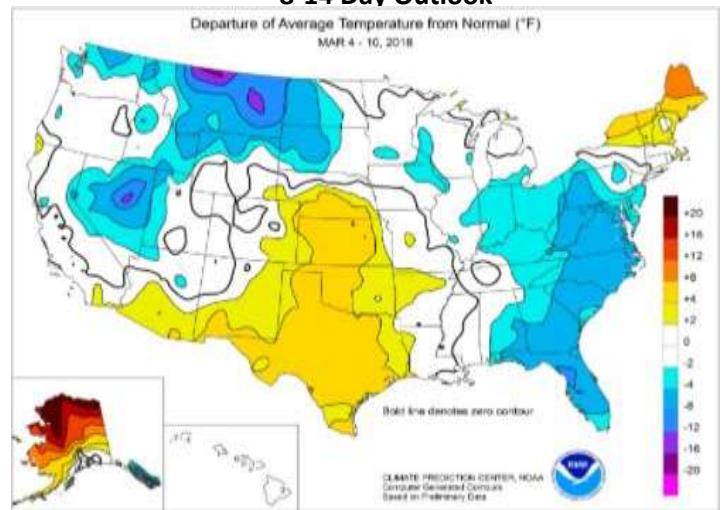
6-10 Day Outlook



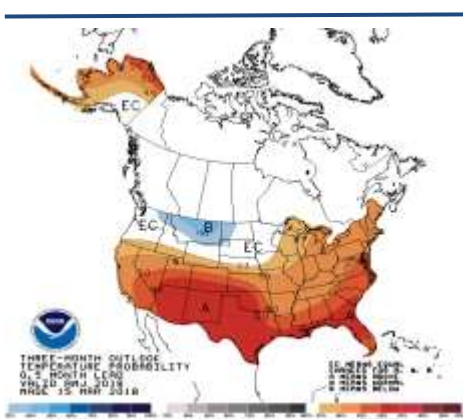
8-14 Day Outlook



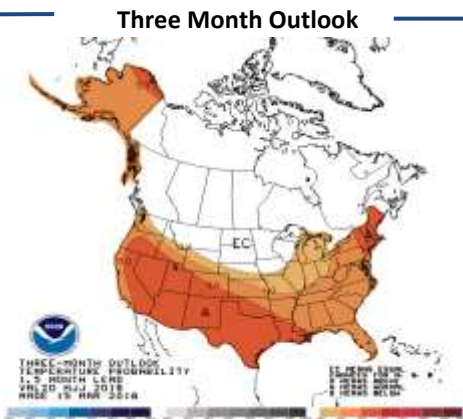
One Month Outlook



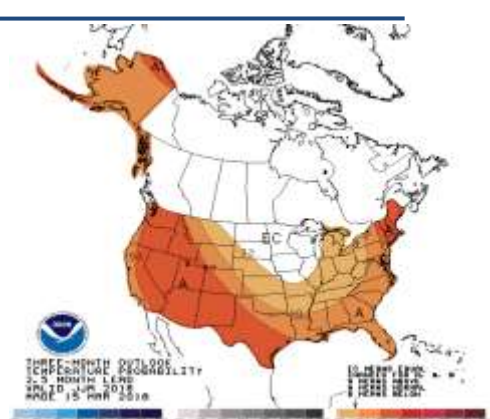
Previous Week Departure from Normal



Apr-May-June



May-June-July



June-July-August

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

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