



South Jersey Energy

Pennsylvania Division

www.openflowenergy.com

Friday, November 9, 2018

Weekly Natural Gas Newsletter

Current Storage and Market Conditions

11/8/18	Projected Underground Storage Injection (Withdrawal) for:	Week Ending November 2, 2018	44 to 63	Bcf
11/8/18	Actual Underground Storage Injection (Withdrawal) for:	Week Ending November 2, 2018	65	Bcf
11/8/18	Actual Underground Storage for:	Week Ending November 2, 2018	3,208	Bcf

11/9/18	December 2018 NYMEX Natural Gas Settle: The final settlement day for the 12/18 NYMEX contract is 11/28/18.	\$3.719 /Dth	Up	\$0.176 /Dth
11/9/18	2019 Summer Forward NYMEX Natural Gas Average: (April 19 thru October 19)	\$2.769 /Dth	Up	\$0.015 /Dth
11/9/18	12 Month NYMEX Natural Gas Average: (December 18 thru November 19)	\$3.033 /Dth	Up	\$0.058 /Dth
11/9/18	2019 Winter Diminishing NYMEX Natural Gas Average: (December 18 thru March 19)	\$3.546 /Dth	Up	\$0.144 /Dth

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

Other Energy Futures

December 2018 Crude Oil Futures closed today @ \$60.19/bbl.

December 2018 Unleaded Gasoline Futures closed today @ \$1.621/gal.

December 2018 Heating Oil Futures closed today @ \$2.173/gal or \$15.428/Dth equivalent ($\$2.173 \times 7.1$).

December 2018 PJM Electricity Futures last traded @ \$45.00/MWh.

Contact Information

DuBois Office:

Toll Free: (888) 634-4748

Phone: (814) 371-3800

Fax: (814) 371-3858

Website:

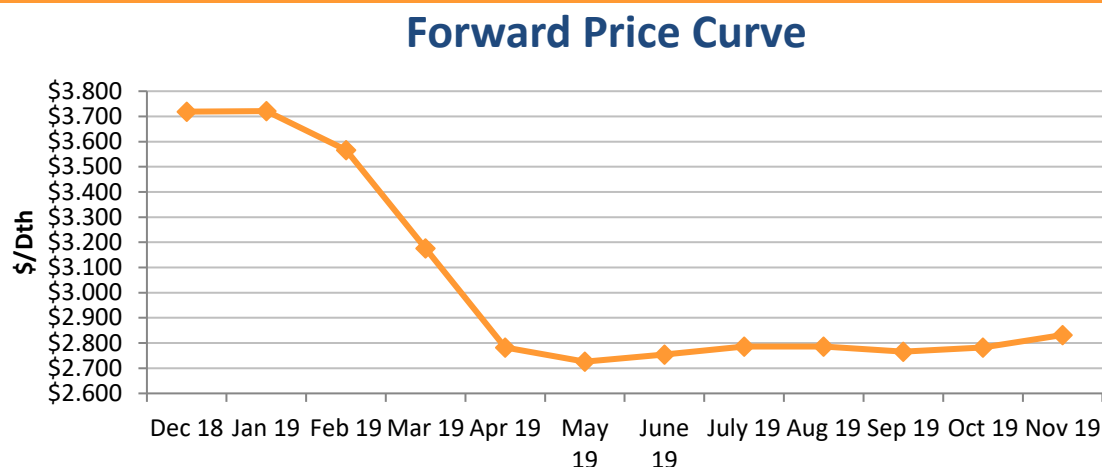
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Energy Information Administration (EIA) Weekly Update

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	+/-
Dec 18	\$3.719	\$0.176
Jan 19	\$3.721	\$0.168
Feb 19	\$3.566	\$0.152
Mar 19	\$3.176	\$0.081
Apr 19	\$2.782	\$0.030
May 19	\$2.726	\$0.017
June 19	\$2.754	\$0.015
July 19	\$2.786	\$0.012
Aug 19	\$2.786	\$0.010
Sep 19	\$2.766	\$0.011
Oct 19	\$2.783	\$0.012
Nov 19	\$2.832	\$0.010



NYMEX Front Month Trading

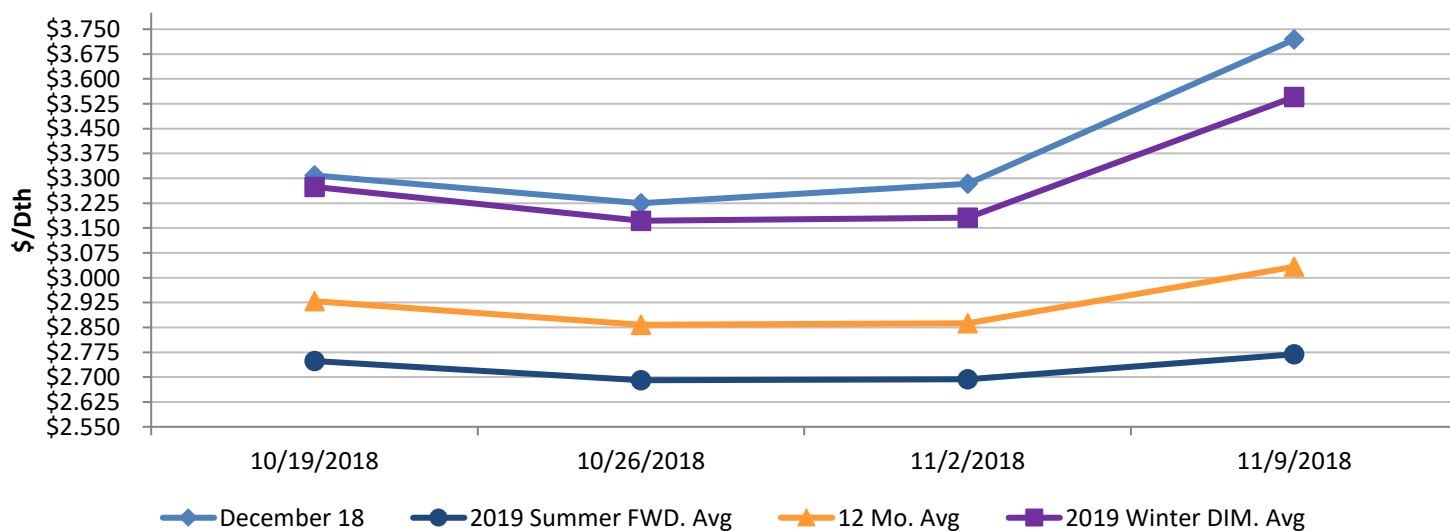
Month	Low	High
Dec 18	\$3.552	\$3.824

December 2018 NYMEX Final Trading Date: 11/28/18

Note: Prices do not include basis.

Near Term Natural Gas Strips

Near Term NYMEX



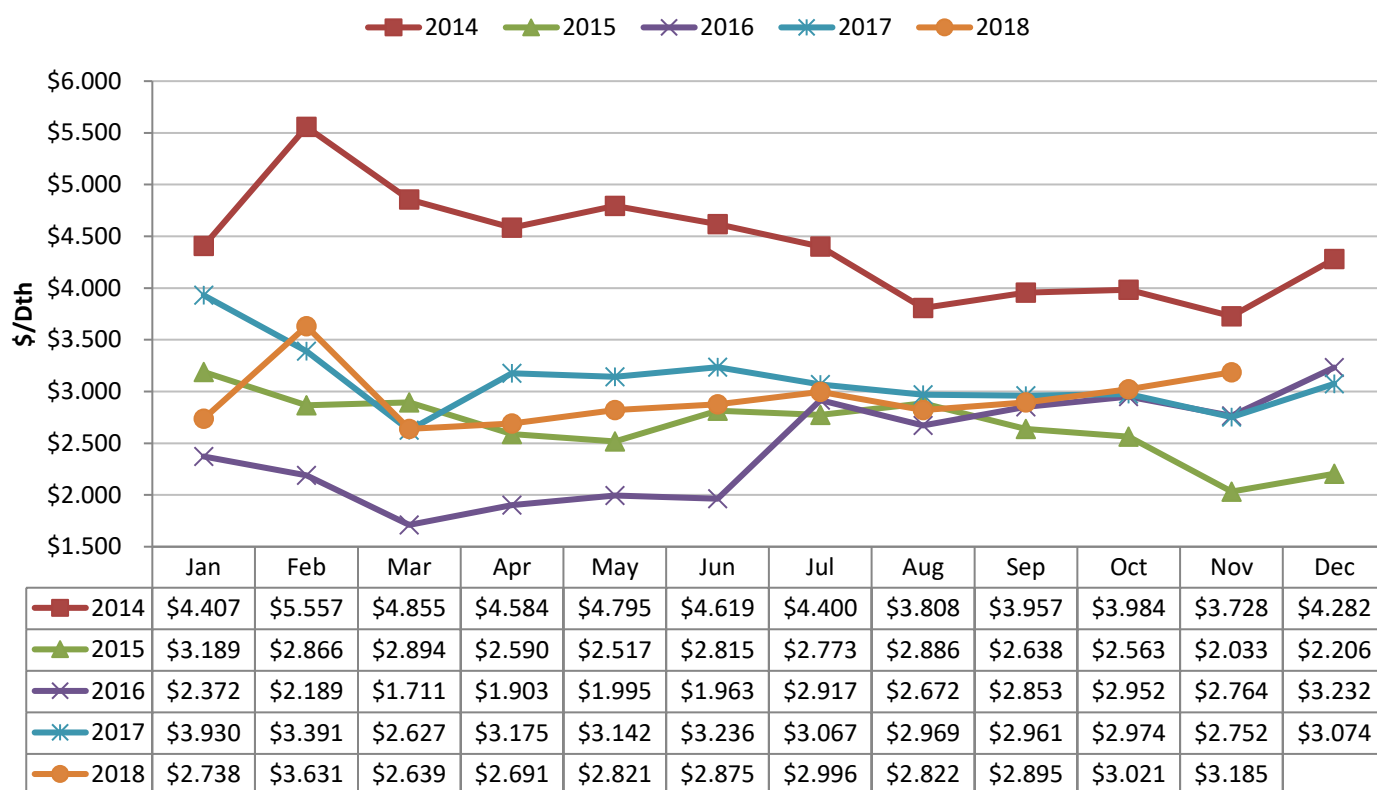
7 Month 2019 Summer Forward Average is comprised of April 2019 through October 2019.

12 Month Average is comprised of December 2018 through November 2019.

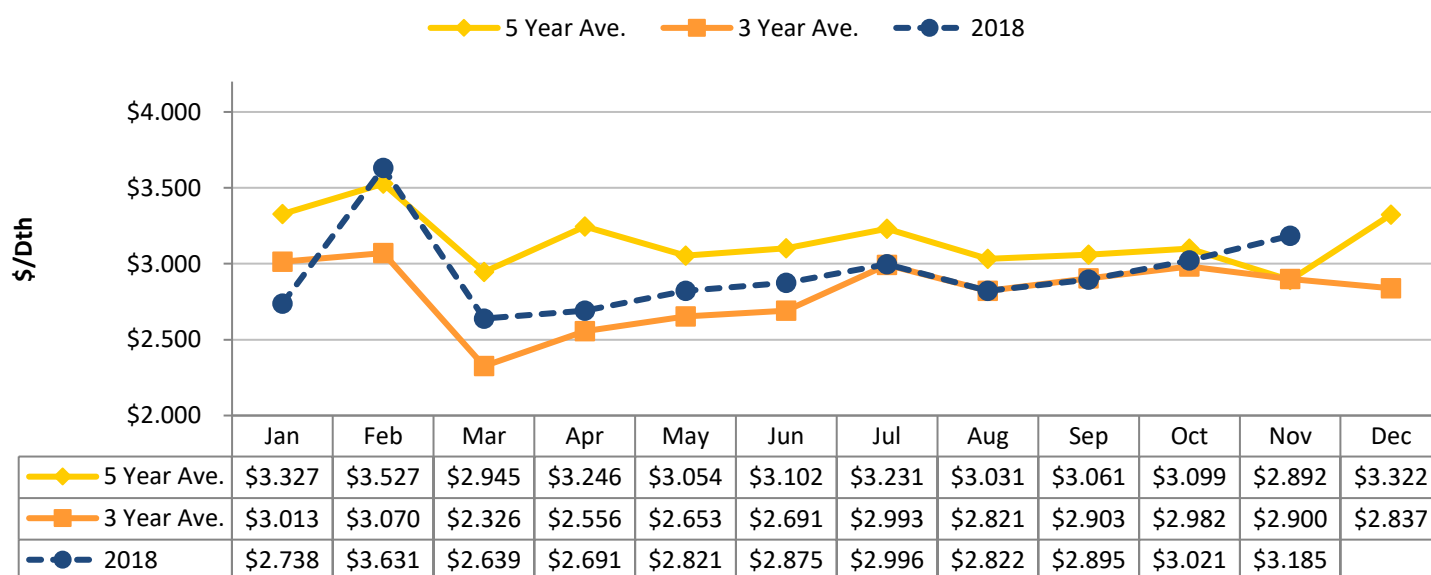
4 Month 2018/2019 Winter Diminishing Average is comprised of December 2018 through March 2019.

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	65	Bcf
Prior Year	22	Bcf
Five Year Average	48	Bcf

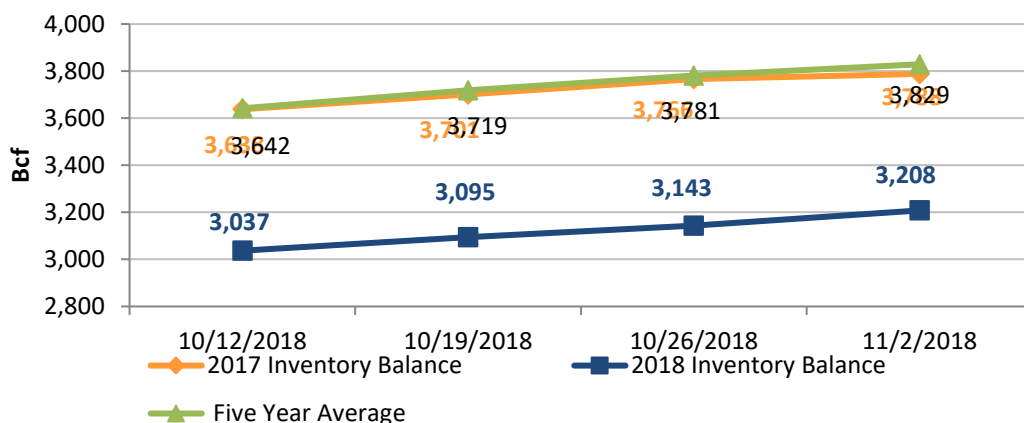
Regional Breakdown for Storage:

Region	11/2	10/26	+/-	
East	831	826	5	Bcf
Midwest	980	956	24	Bcf
Mountain	182	180	2	Bcf
Pacific	265	262	3	Bcf
South Central	949	919	30	Bcf
Total	3,208	3,143	65	Bcf

Summary

Working gas in storage was 3,208 Bcf as of November 2, 2018, according to EIA estimates. This represents a net Increase of 65 Bcf from the previous week. Stocks were 580 Bcf (15.31 %) less than last year at this time at 3,788 Bcf and 621 Bcf (16.22%) below the 5-year average of 3,829 Bcf.

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

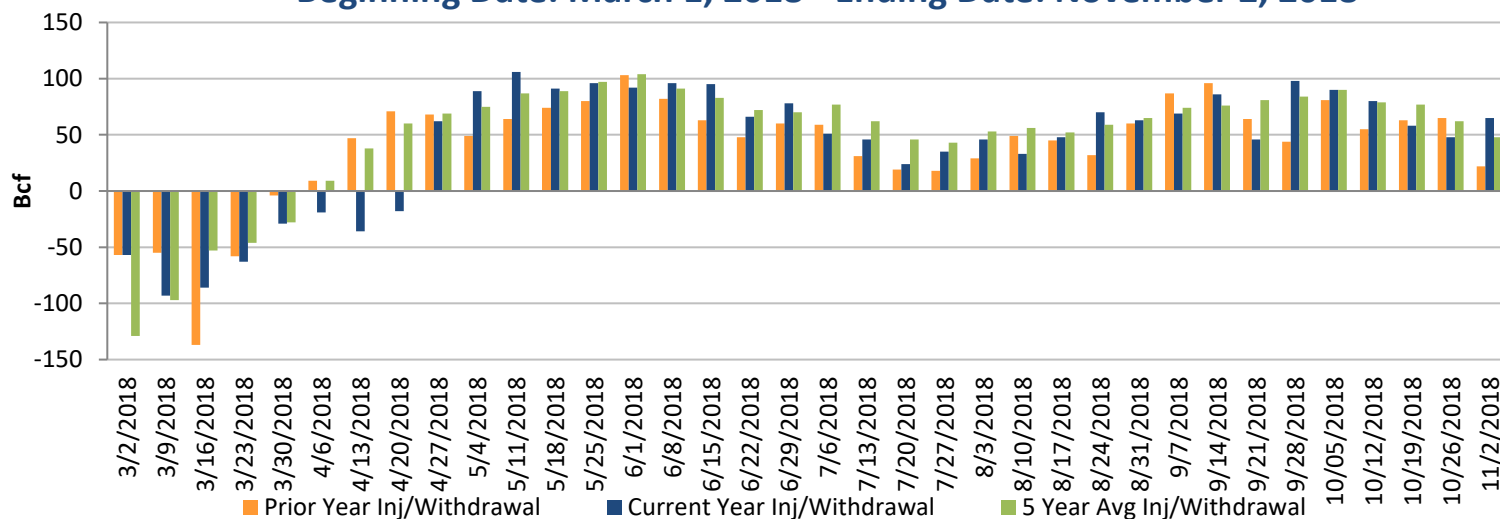


Note: Storage accounts only for the Lower 48

Historical Injection/Withdrawal Figures

Weekly Storage Release Data

Beginning Date: March 1, 2018 - Ending Date: November 2, 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

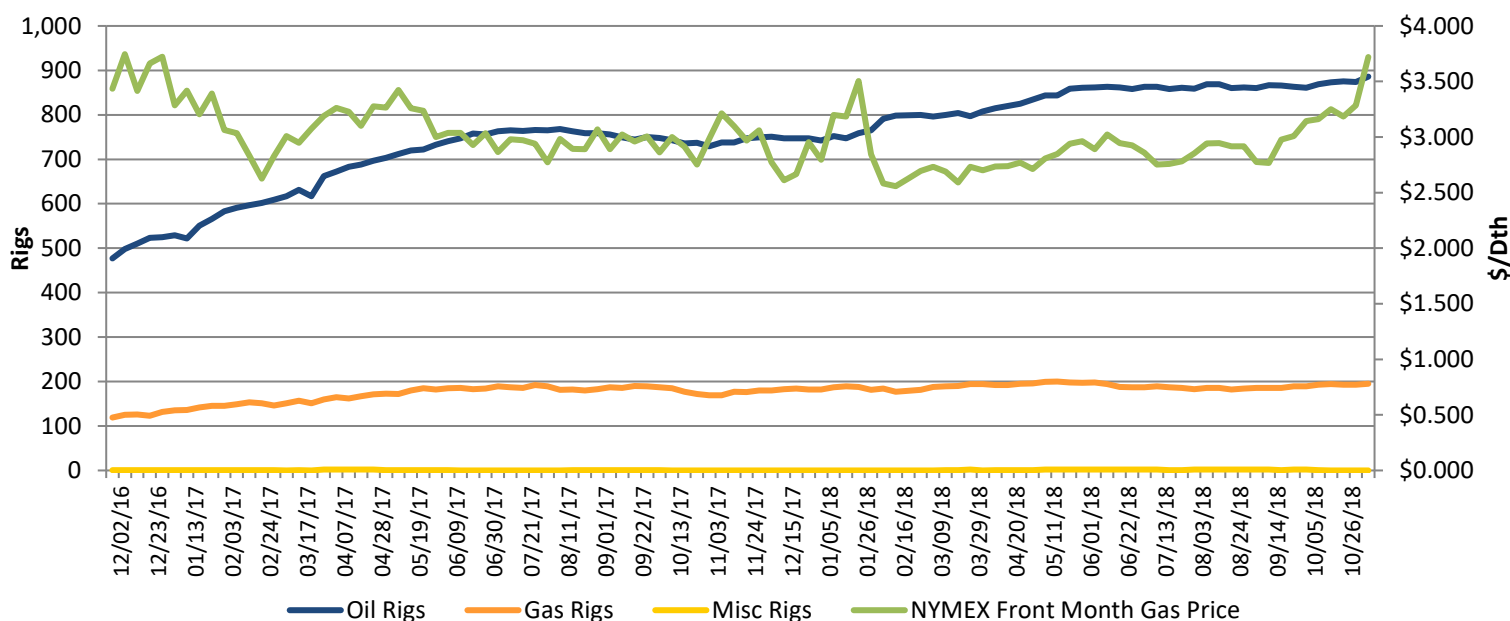
Comparison of U.S. Natural Gas Rig Counts

Rig Count	11/9	11/2	+/-
Current Year	195	193	2
Previous Year	169	169	0
+/-	26	24	

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 (11/9/18):

6-10 Day: The eastern one half of the US will see temperatures below normal as the rest of the US will see above normal.

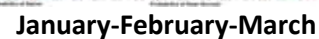
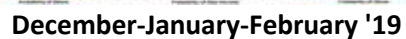
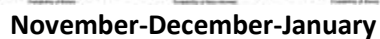
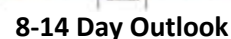
8-14 Day: The northeast will see temperatures below normal as the rest of the US will see normal or above normal temperatures.

Long Term 90 Day NOAA Temperature Outlook Probability (10/18/18):

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>.

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>>.



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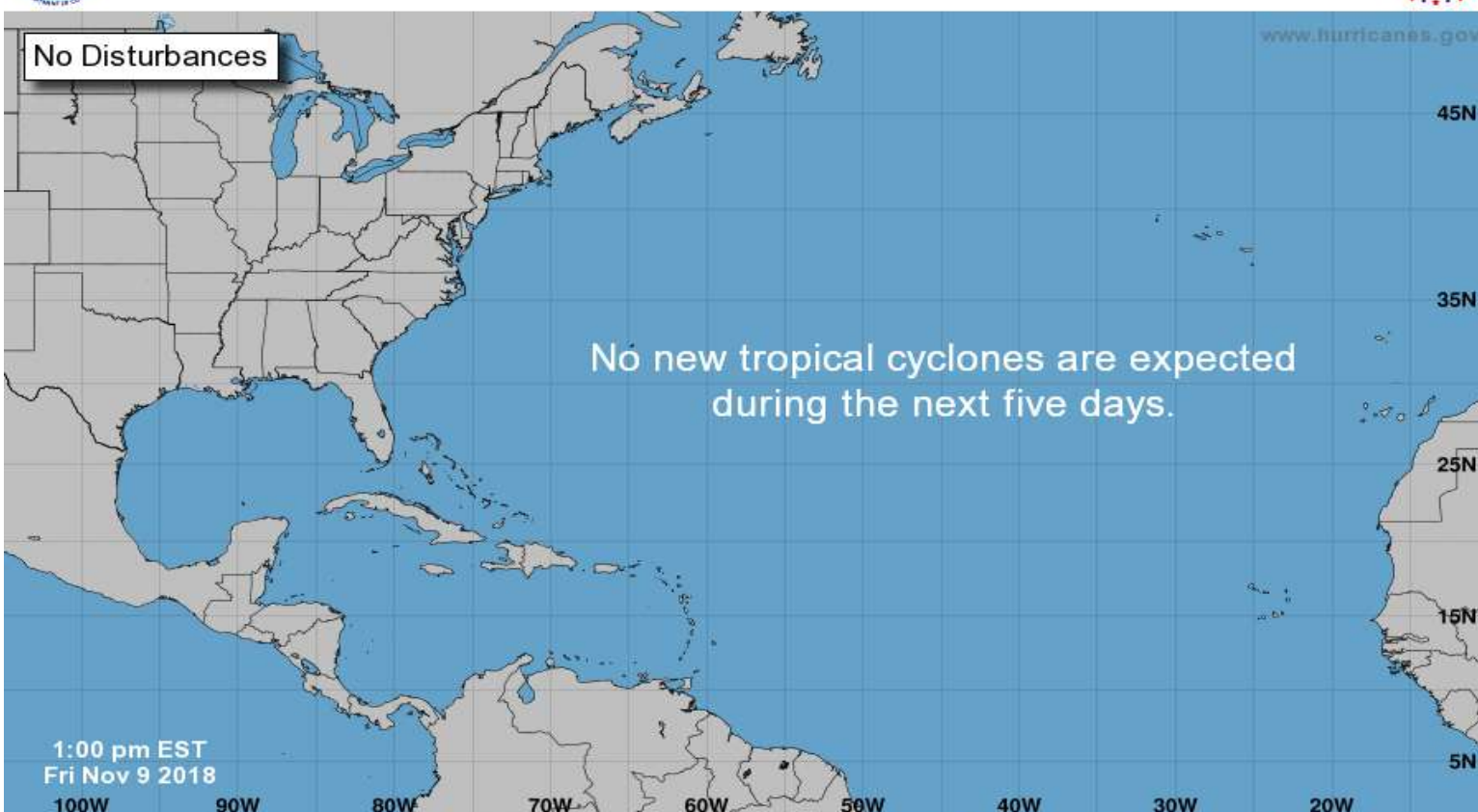
Atlantic Basin Tropical Outlook:

No activity expected.



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%
 Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants

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.
<http://www.cpc.ncep.noaa.gov/products/forecasts/>.

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