

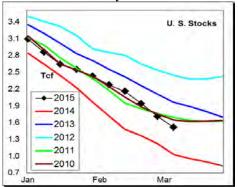
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

A Fundamental Petroleum Trends Weekly Report

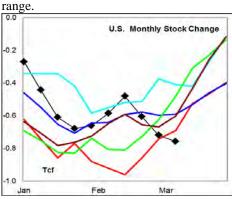
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Tuesday, March 17, 2015



Summary <sup>1</sup> The stock draw of -198 Bcf last week was the 3<sup>rd</sup> consecutive record draw for this time of year.



The latest 4-wk stock change was a draw of -756 Bcf, a record draw for this time of year. The cumulative stock draw for the winter season was -25% less than last year, resulting in a stock level that is now +47% above last year, but below the 5-yr mid



In the East Region stocks decreased -104 Bcf for the week, a record draw for the period. Stocks decreased -16 Bcf for the week in the West Region, a near record draw for the period. Stocks saw a -78 Bcf draw in the Producing region last week, a record draw for the period.

**Temperatures** were sharply below normal across the eastern ½ of the country for the week ending 06Mar15, then turning above normal for the week ending 13Mar15.

The 6-10 day NWS forecast for the week ending 26Mar15 is for sharply above normal temperatures in the western ½ of the country, and below normal in the

1 Related Web Sites:

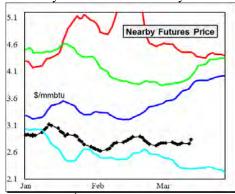
**Data Source is EIA Weekly Statistics** 

National Weather Service 6-10 Day

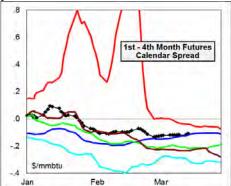
National Weather Service 10-14 Day

Northeast. The 8-14 day NWS forecast for the week ending 30Mar15 is for below normal temperatures in the eastern ½ half of the country and above normal in the west.

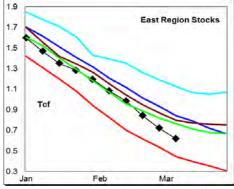
Prices: Nearby gas futures prices increased +\$0.10/mmbtu for the week ending 17Mar15. Prices ended the week at a level above 5-yr lows for this time of year.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve traded sideways last week at a level near the 2-yr average. The market continues to trade in a 'carry', even with cold temperatures in the eastern ½ of the country; evidence of the impact of record production.

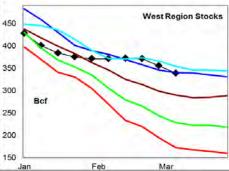


**East Region** stocks declined -104 Bcf for the week, a record draw for the period. *The current stock level is below four of the last 5-yrs.* 



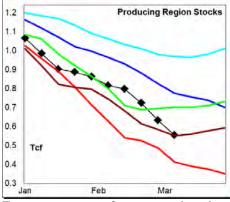
Temperatures were above normal for the week just ended, and are forecast to be

below normal through month end.



West Region stocks decreased -16 Bcf for the week, a near record draw for the period. Stock levels ended the week +2X last year and near 5-yr highs. Temperatures are forecast to be above normal through month end.

Producing Region stocks decreased -78 Bcf for the week, a record draw for the period. Stock levels ended the week +34% above last year.



Temperatures are forecast to be above normal through month end for the region.

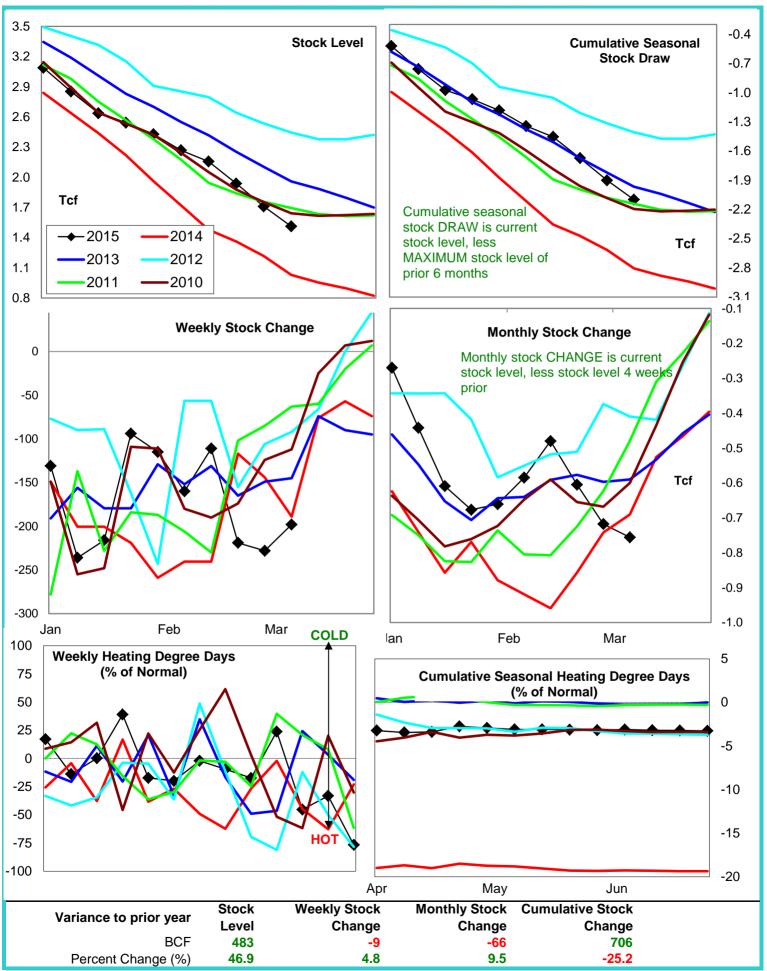
Residual Fuel Oil Switching: The price spread between fuel oil and natural gas ended the week near 3-yr lows in favor of gas.

**Outlook**: Below normal temperatures are forecast for the eastern ½ of the country during the last 10-days of the month. The extremely could temperatures of the last 3-wks have driven stock levels to below the 5-yr mid range.

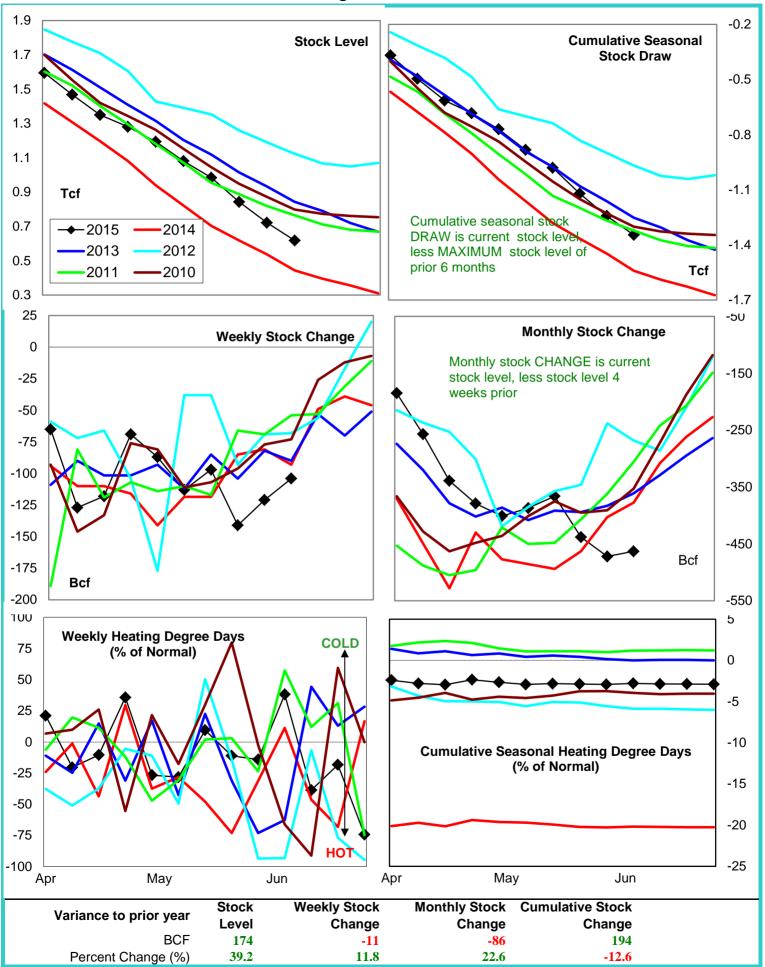
These fundamental trends should support prices at the upper end of the recent trading range for the next 2-wks.

#### NATURAL GAS: Graph Link and Weekly Summary Report prepared as of: March 17, 2015 For the week ending: 6-Mar-15 Weekly Trends in Stocks and Heating Degree Days for the week ending: 6-Mar-15 15-Jun-13 22-Jun-13 Week ending: 29-Jun-13 Weekly Stocks **Weekly Heating Degree Days** Region Change vs % of % of Change vs Change vs prior: Change vs % of Week Bcf Bcf Year (%) prior week normal prior week prior week normal normal U.S. Total 1.512 -198 46.9 -45% -33% -77% East 618 -104 39.2 -17 -74% -39% -18% West -12 -58% -55% 339 -16 97.1 -78% **Producing** 555 34.4 -100° -100% -100% Seasonal Trends in Stocks and Heating Degree Days **Cumulative Heating Degree Days Cumulative Stock Change** CHDD's vs % of Change vs prior year CHDD's vs % of % of CHDD's vs Bcf Bcf normal normal normal normal normal normal U.S. Total -33.6 -2.099 706 6 -3. -3.2 -3.3East 4 1 -1.346194 6 -2.9 -2.9 -2.9 -14.4 West -163 220 -135.0 10 -4.6 8 -4.7 3 -4.9 **Producing** -591 0 0 -4.1 293 -49.6-4.0 -4.1 0 **Futures Market Price Trends** Change vs prior week, month, year 20-Feb-15 Date: 16-Feb-15 26-Jan-15 4-Mar-14 1st month 2.83 0.01 0.00 **Futures** % change 0.2 0.0 XXXXX 1.20 **Nearby Futures Price** 1st<mark>/</mark>4th Month Futures 5.7 Calendar Spread 1.00 \$/mmbtu 5.2 0.80 4.7 0.60 \$/mmbtu 4.2 2015 2014 0.40 2013 2012 2011 2010 3.7 0.20 3.2 0.00 2.7 -0.20-0.40 Feb Jan Mar Jan Feb Mar

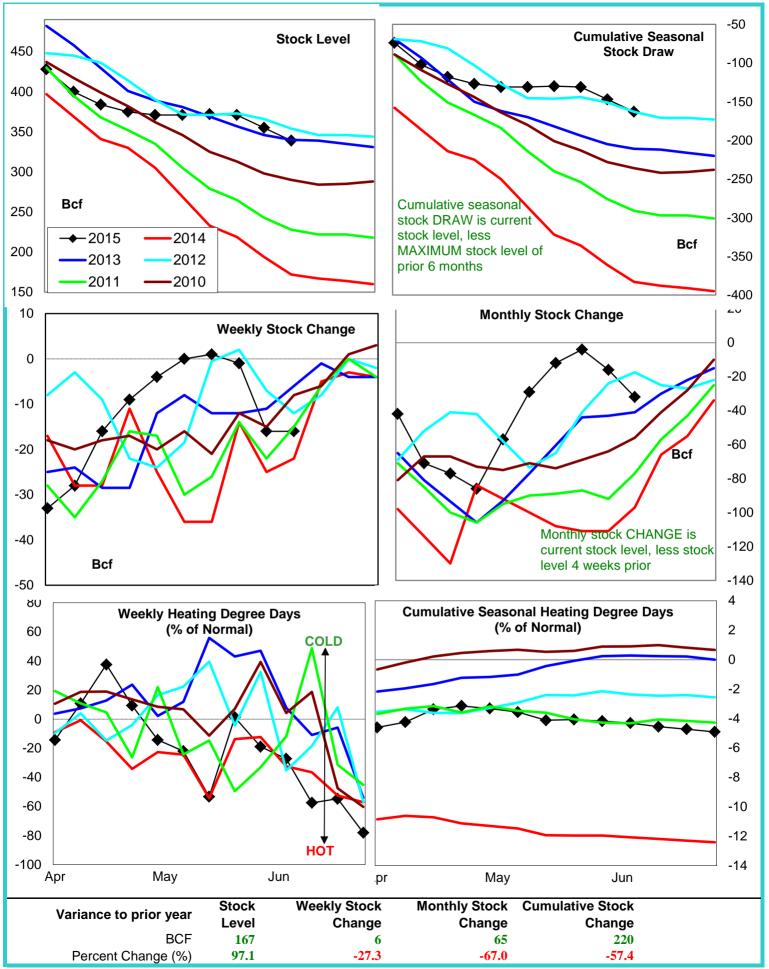
#### **United States Natural Gas Stock and Weather Trends**



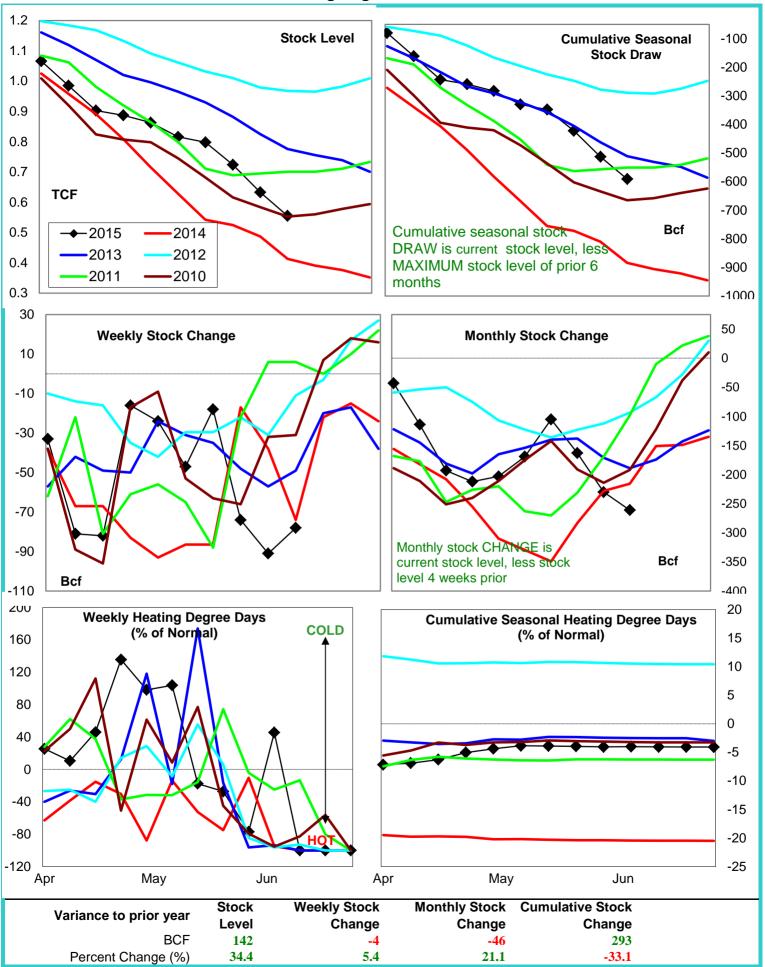
## **Natural Gas East Region Stock and Weather Trends**



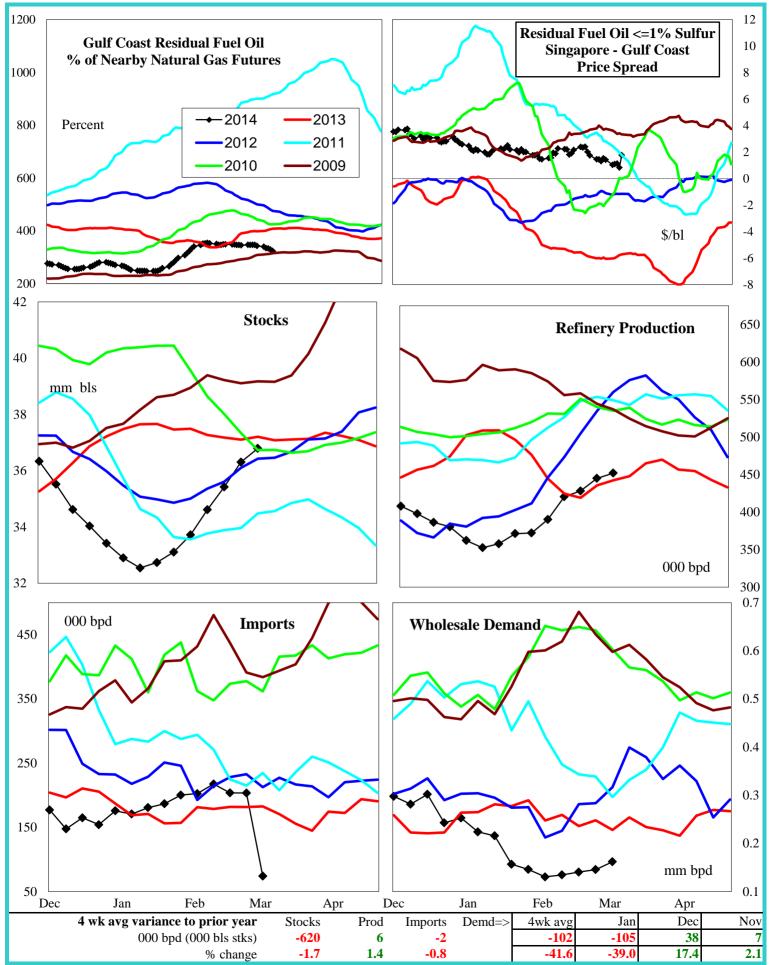
## **Natural Gas West Region Stock and Weather Trends**



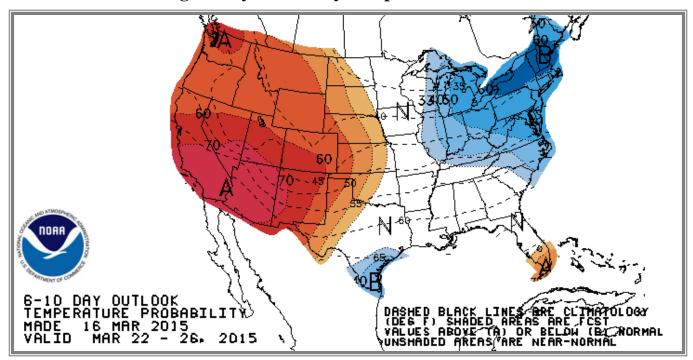
## **Natural Gas Producing Region Stock and Weather Trends**



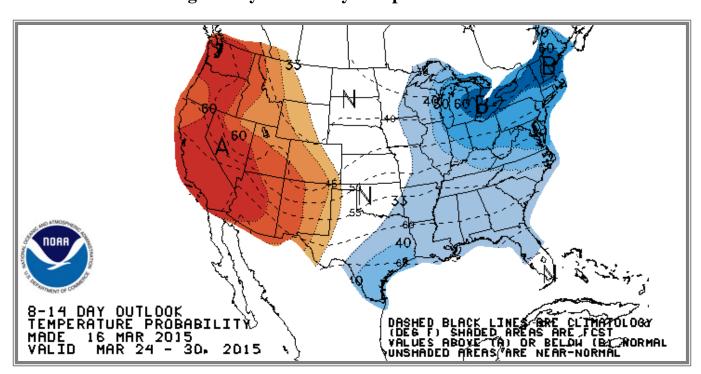
#### U.S. Residual Fuel Oil Price Spreads and Supply Balance



# National Weather Service Climate Prediction Center Degree Days 6 - 10 Day Temperature Forecast



# National Weather Service Climate Prediction Center Degree Days 8 - 14 Day Temperature Forecast



www.fundamentalpetroleumtrends.com 03/17/2015

