

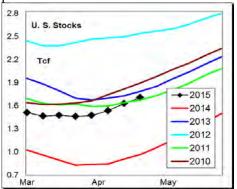
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

#### A Fundamental Petroleum Trends Weekly Report

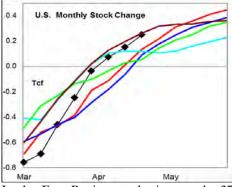
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Sunday, May 03, 2015



Summary <sup>1</sup> The stock build of +81 Bcf last week matched 5-yr highs for the period.



The latest 4-wk stock change was a build of +249 Bcf, a level that matched the 5-yr high for this time of year. The cumulative stock build for the spring quarter was also +249 Bcf, a level just below the 5-yr high.



In the East Region stocks increased +37 Bcf for the week, a build equal to the 3-yr mid range. Stocks increased +4 Bcf for the week in the West Region, a build equal to the 3-yr mid range. Stocks saw a +40 Bcf build in the Producing region, which was the 3<sup>rd</sup> consecutive weekly record build for the region.

**Temperatures** were below normal across the eastern 1/2 of the country last week ending 29Apr15. Temperatures remained above normal in the western 1/2 of the country for the week ending 29Apr15.

The 6-10 day NWS forecast for the week ending 13May15 is for much above normal temperatures across the eastern ½

Related Web Sites:

Data Source is EIA Weekly Statistics

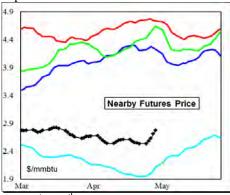
National Weather Service 6-10 Day

National Weather Service 10-14 Day

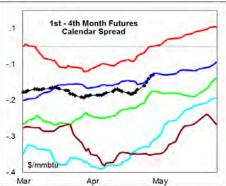
of the country.

The 8-14 day NWS forecast for the week ending 17May15 is for above normal temperatures across the eastern 1/3<sup>rd</sup> of the country.

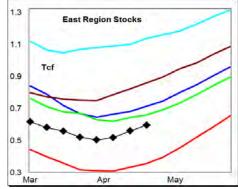
Prices: Nearby gas futures prices increased +\$0.25/mmbtu for the week ending 01May15. Prices ended the week at the highest level since late winter on a below expectation stock build last week.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve trended higher last week at a level equal to the 3-yr mid range. A narrowing carry reflects risk that stock builds will be less than expected for the balance of the shoulder season.

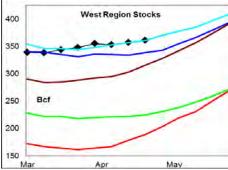


**East Region** stocks increased +37 Bcf for the week, a build equal to the 3-yr mid range. The current stock level is below four of the last 5-yrs.



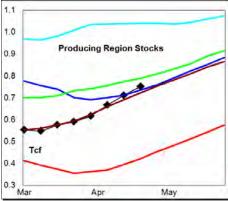
Temperatures were above normal for the week just ending, and are forecast to be

much above normal over the next 2-wks.



West Region stocks increased +4 Bcf for the week, a build that matched the 3-yr mid range. Stock levels ended the week equal to the prior 5-yr high. Temperatures are forecast to be above normal during the next 2-wks.

Producing Region stocks increased +40 Bcf for the week, the 3<sup>rd</sup> consecutive record weekly build. Stock levels ended the week just above the 3-yr mid range.



Temperatures are forecast to be above normal for the next 2-wks.

Residual Fuel Oil Switching: The price spread between fuel oil and natural gas ended the week at a level below the last 3-yrs.

**Outlook**: Above normal temperatures are forecast for much of the country during the next 2-wks, which should kick off the start of increased electric power demand. Warmer than normal temperatures may limit the rate of stock build, providing continued support to gas prices during the 1<sup>st</sup> half of May.

#### NATURAL GAS: Graph Link and Weekly Summary ? Report prepared as of: May 3, 2015 For the week ending: 24-Apr-15 Weekly Trends in Stocks and Heating Degree Days for the week ending: 24-Apr-15 15-Jun-13 22-Jun-13 29-Jun-13 Week ending: Weekly Stocks **Weekly Heating Degree Days** Region Change vs prior: Change vs % of Change vs Change vs % of % of Week Bcf Year (%) Bcf prior week normal prior week normal prior week normal U.S. Total 1,710 81 76.5 -14 -45% -33% -77% East 597 37 67.2 -17 -39% -2 -18% -74% -4 West 361 4 91.0 -12 -58% -55% -78% **Producing 752** 40 77.8 -100% -100% 0 -100% Seasonal Trends in Stocks and Heating Degree Days **Cumulative Stock Change Cumulative Heating Degree Days** CHDD's vs CHDD's vs Change vs prior year % of CHDD's vs % of Bcf normal normal normal normal normal normal **Bcf** U.S. Total 249 113 45.4 4 -3. -3.3 6 -3. East 6 -2.9 4 -2.9 1 -2.9 93 46 49.5 West 23 -21.7 10 -4.6 8 -4.7 3 -4.9 **Producing** 204 136 66.7 0 -4.0 0 -4.1 0 -4.1 **Futures Market Price Trends** Change vs prior week, month, year 17-Apr-15 Date: 13-Apr-15 | 23-Mar-15 29-Apr-14 1st month 2.78 0.29 0.13 **Futures** 11.5 % change 4.8 -37.1 XXXXX 4.9 **Nearby Futures Price** 1st - 4th Month Futures Calendar Spread 0.05 4.4 3.9 -0.05 2015 2014 2013 2012 3.4 2011 2010 \$/mmbtu -0.15 2.9 -0.252.4

Apr

May

1.9

Mar

Mar

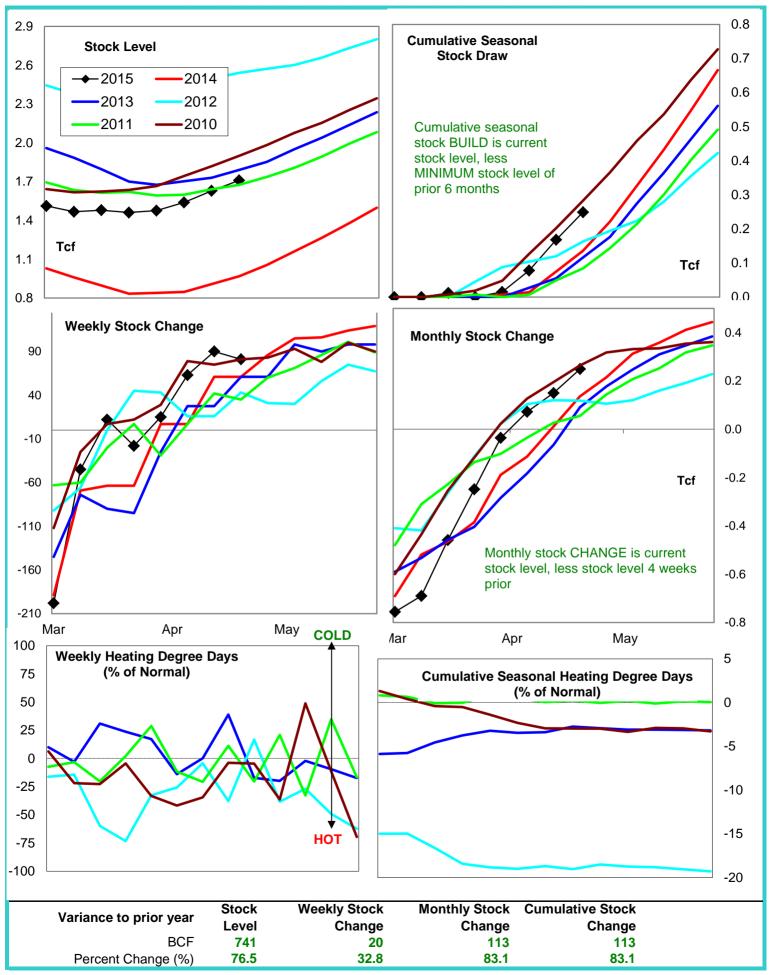
Apr

\$/mmbtu

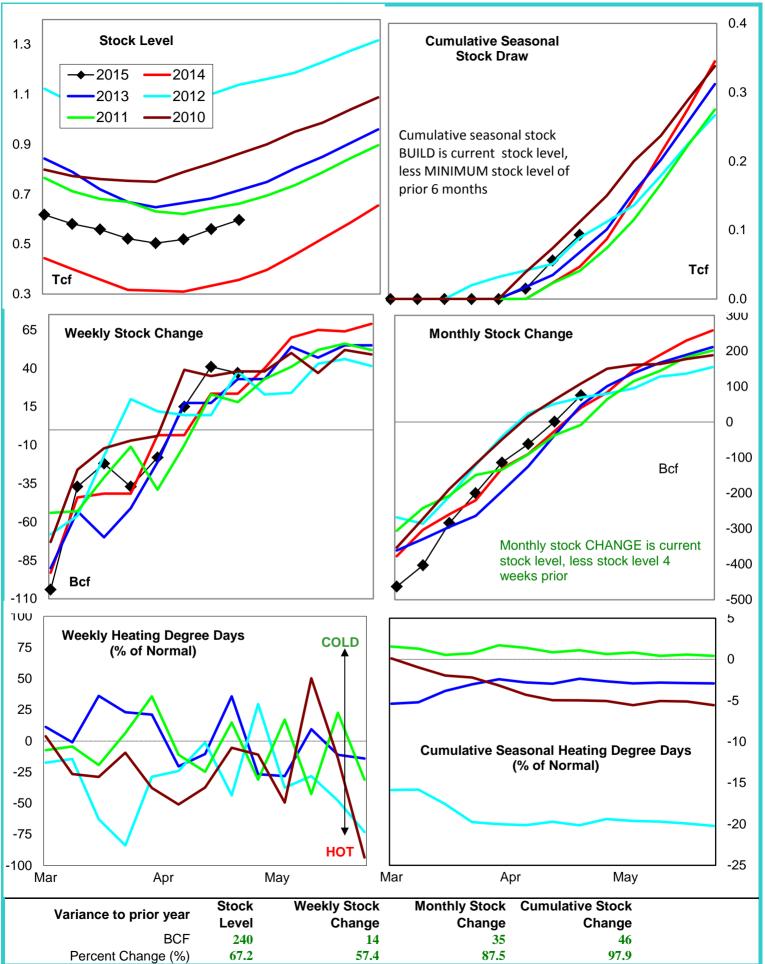
May

-0.35

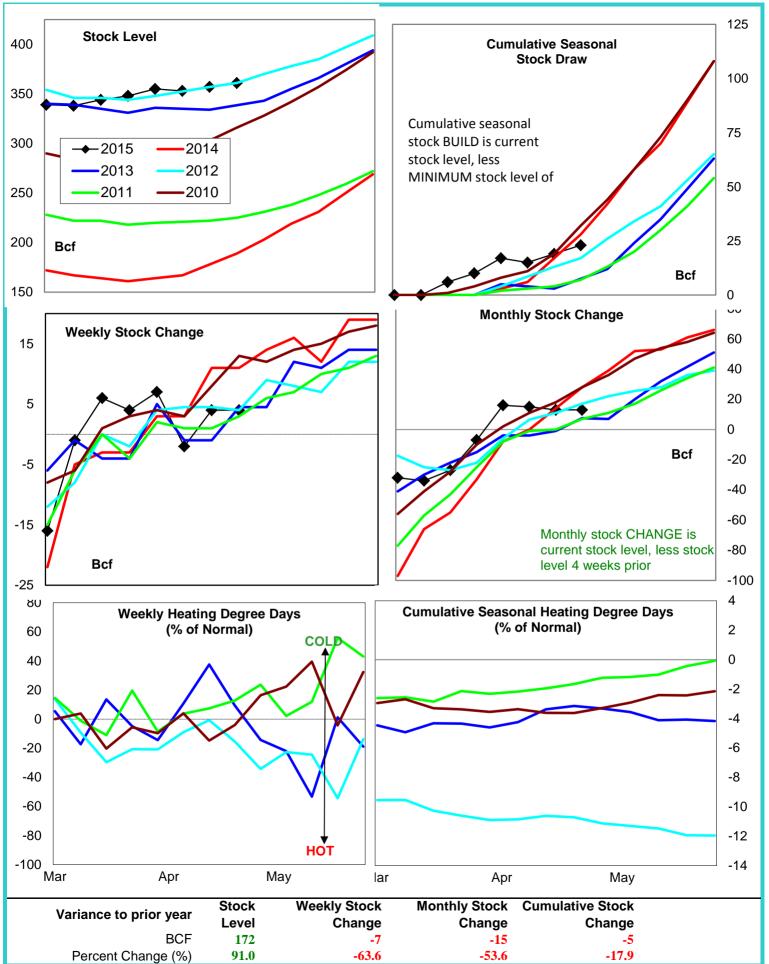
#### **United States Natural Gas Stock and Weather Trends**



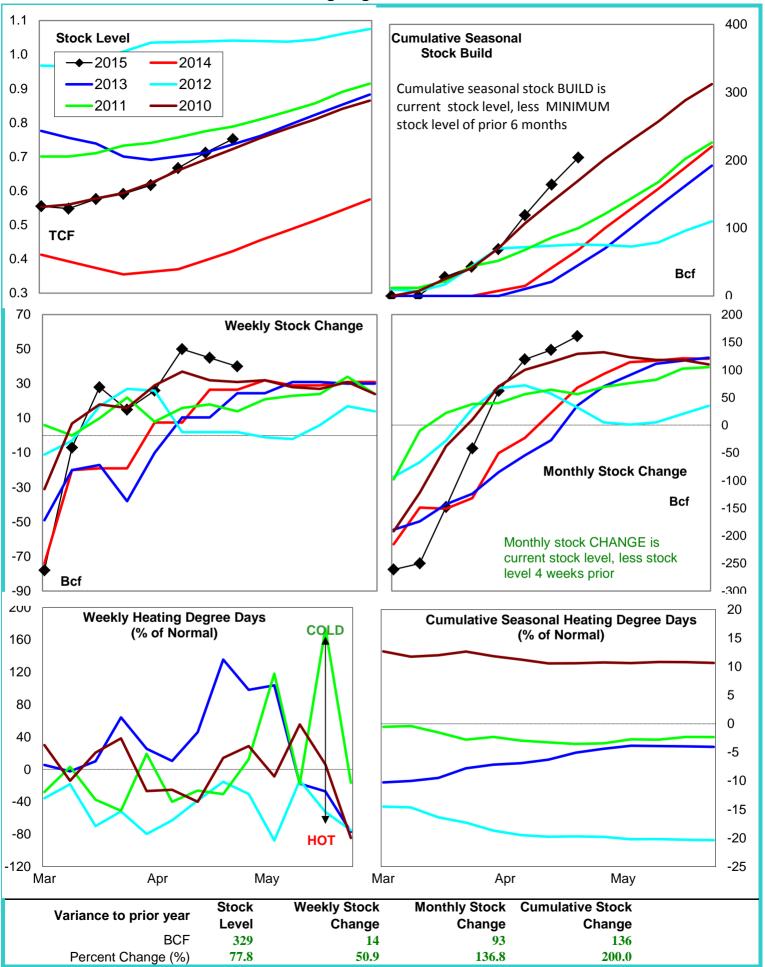
## **Natural Gas East Region Stock and Weather Trends**



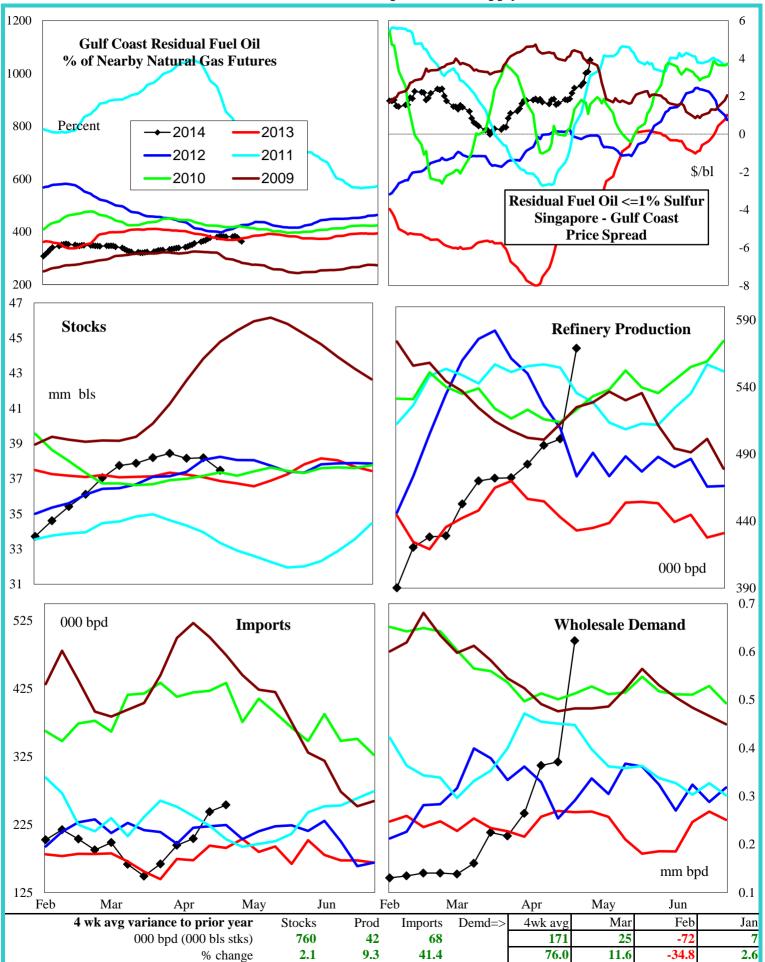
## **Natural Gas West Region Stock and Weather Trends**



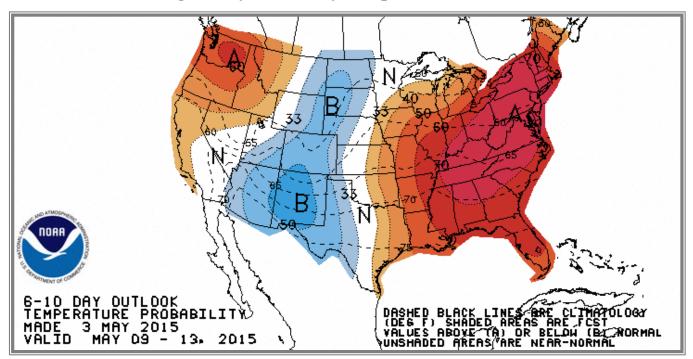
#### **Natural Gas Producing Region Stock and Weather Trends**



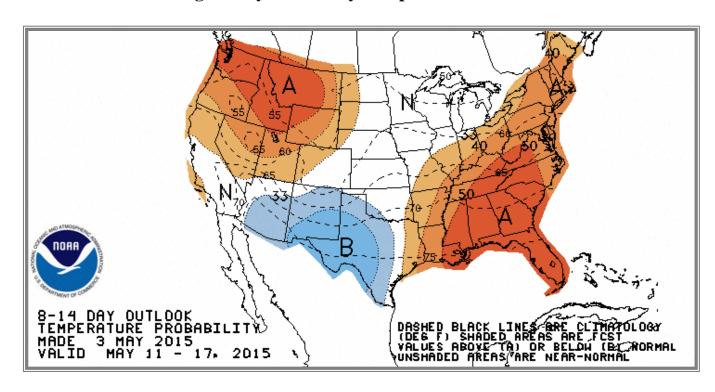
### U.S. Residual Fuel Oil Price Spreads and Supply Balance



# 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 05/03/2015

