

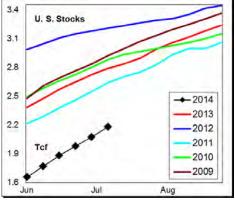
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

#### A Fundamental Petroleum Trends Weekly Report

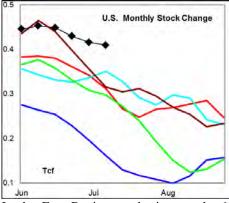
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, July 17, 2014



Summary <sup>1</sup> The stock build of +107 Bcf last week was a record build for the week.



The latest 4-wk stock change was a build of +410 Bcf, a record rate of build for the month. The monthly rate of build has matched 5-yr highs for the last 2-months.



In the East Region stocks increased +65 Bcf for the week, a record build for the week. Stocks increased +13 Bcf in the West Region, matching the historic high for the week. Stocks increased +29 Bcf on the week in the Producing region, a record build for the period.

Note: heating degree charts in the report are not current with data under revision.

**Temperatures** were much below normal across most of the country for the week ending 11Jul14.

The 6-10 day NWS forecast for the week ending 26Jul14 is for sharply above normal temperatures across the central

Data Source is EIA Weekly Statistics

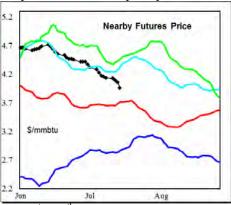
National Weather Service 6-10 Day

National Weather Service 10-14 Day

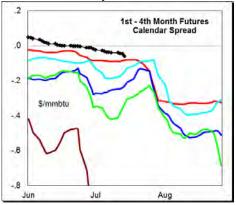
2/3rds of the country.

The 8-14 day NWS forecast for the week ending 30Jul14 is for above normal temperatures in the south and west ½ of the country.

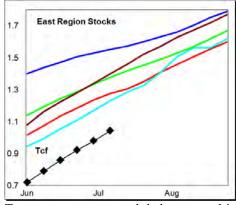
Prices: Nearby gas futures fell - \$0.16/mmbtu for the week ending 17Jul14. An extended period of record rates of stock building, combined with below normal temperatures led to the price pull back.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve trended lower last week, ending in a carry, at a level near last year.

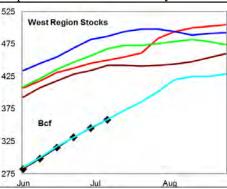


**East Region** stocks increased +65 Bcf for the week, a record build for the period. The current stock level is -18% below last year, and below the 5-yr range.



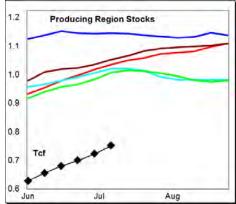
Temperatures were much below normal in the week just ended, with continued below

normal temperatures this week, followed by a forecast of much above normal temperatures for the next 10-days.



West Region stocks increased +13 Bcf last week, matching the previous record for the period. Stock levels ended the week -20% below last year, while matching prior 5-yr lows. Temperatures are forecast to be well above normal for the next 10-days.

Producing Region stocks increased +29 Bcf for the week, a record build for the period. Stock levels ended the week -28% below last year, and below the 5-yr range.



Temperatures are forecast to be above normal for the next 10-days in the region.

Residual Fuel Oil Switching: The price spread between fuel oil and natural gas favors natural gas use.

**Outlook**: Last week's very cool temperatures and continued cool temperatures across much of the country this week, combined with a record rate of stock building for the prior 2 1/2 months has led to a sharp drop in wholesale prices.

The record rate of stock builds is likely to continue even on a return to above average temperatures, so that in the absence of hurricane disruptions, should lead to continued weak prices during the summer quarter.

Related Web Sites:

#### NATURAL GAS: Graph Link and Weekly Summary Report prepared as of: July 17, 2014 For the week ending: 11-Jul-14 Weekly Trends in Stocks and Heating Degree Days for the week ending: 11-Jul-14 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 2.129 107 -45% -22.2-33% -77% East 1.044 65 -17 -18% -74% -18.2-39% West 358 13 -12 -58% -55% -5 -20.4-78% **Producing 727** 29 -28 -100% -100% -100% Seasonal Trends in Stocks and Heating Degree Days **Cumulative Heating Degree Days Cumulative Stock Change** CHDD's vs CHDD's vs % of Change vs prior year % of % of CHDD's vs Bcf Bcf normal normal normal normal normal normal U.S. Total 18.7 1.307 245 6 -3.2 -3.3 -3.2 East 6 4 -2.9 1 739 111 15.0 -2.9 -2.9 West 198 **79** 39.9 10 -4.6 8 -4.7 3 -4.9 **Producing** 375 55 14.7 0 0 -4.1 -4.0 -4.1 0 **Futures Market Price Trends** Change vs prior week, month, year Date: 29-Aug-14 25-Aug-14 4-Aug-14 9-Sep-13 1st month 3.96 -0.19 -0.570.51 **Futures** % change 14.9 -4.5-12.6XXXXX 0.20 **Nearby Futures Price** 0.00 -0.20 -0.40 4.2 -0.60 -0.80 -1.00 3.7 \$/mmbtu -1.20 \$/mmbtu -1.40 3.2 -1.60 1st - 4th Month Futures -1.80 Calendar Spread 2.7 -2014 2013

Jul

Jun

2012

2010

2011

2009

Aug

Jun

Jul

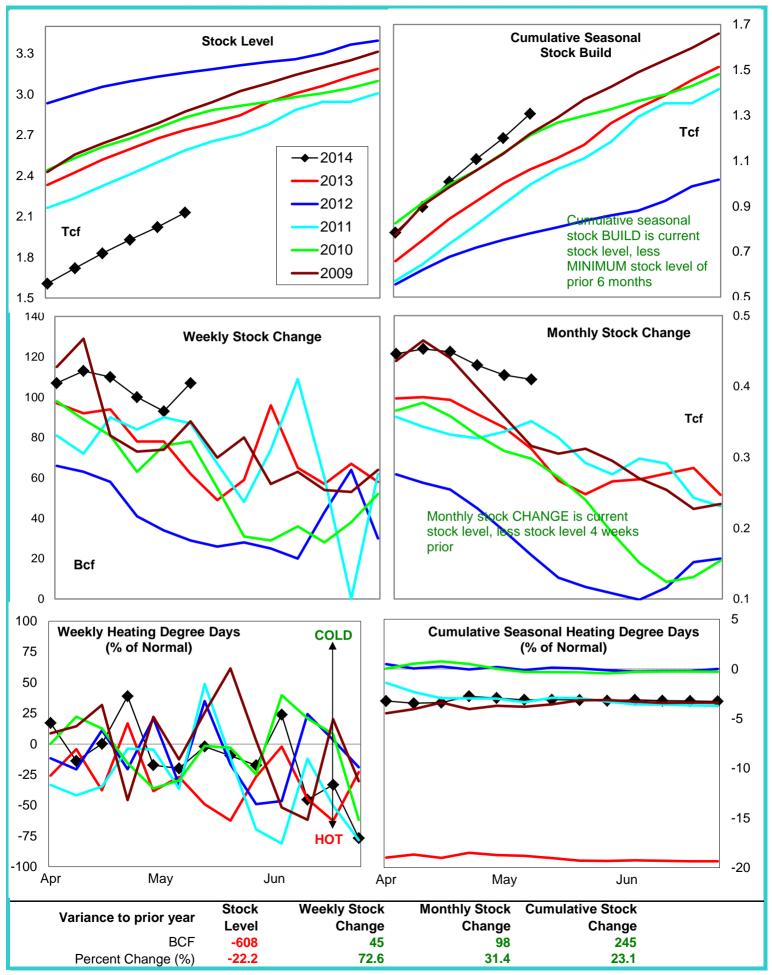
Aug

-2.00

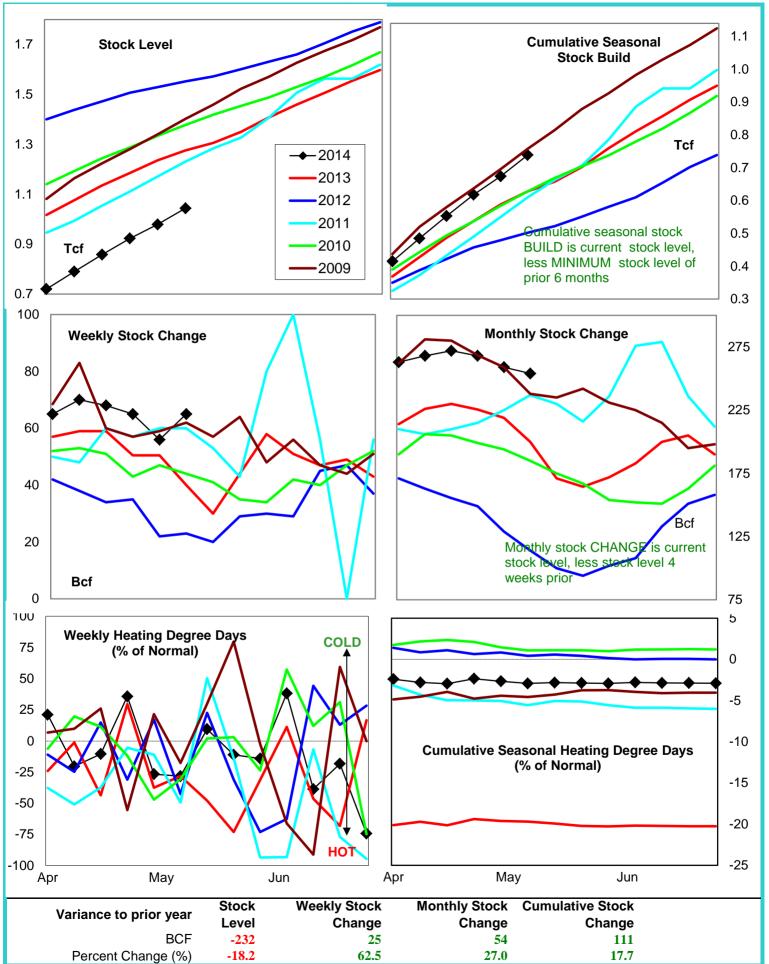
-2.20

-2.40

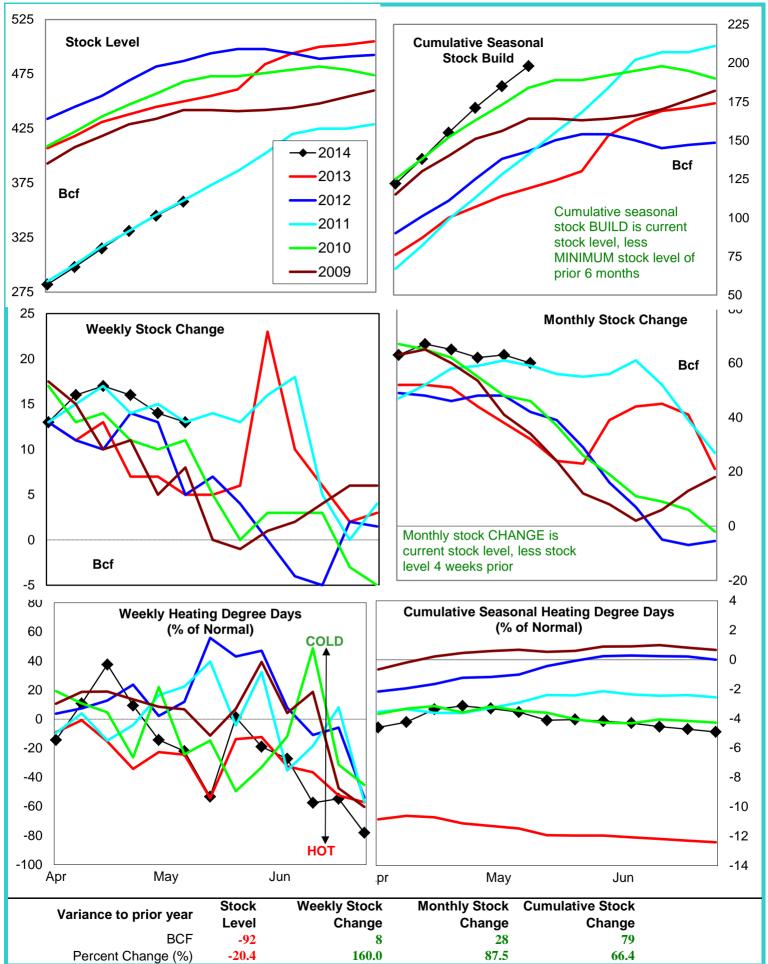
#### **United States Natural Gas Stock and Weather Trends**



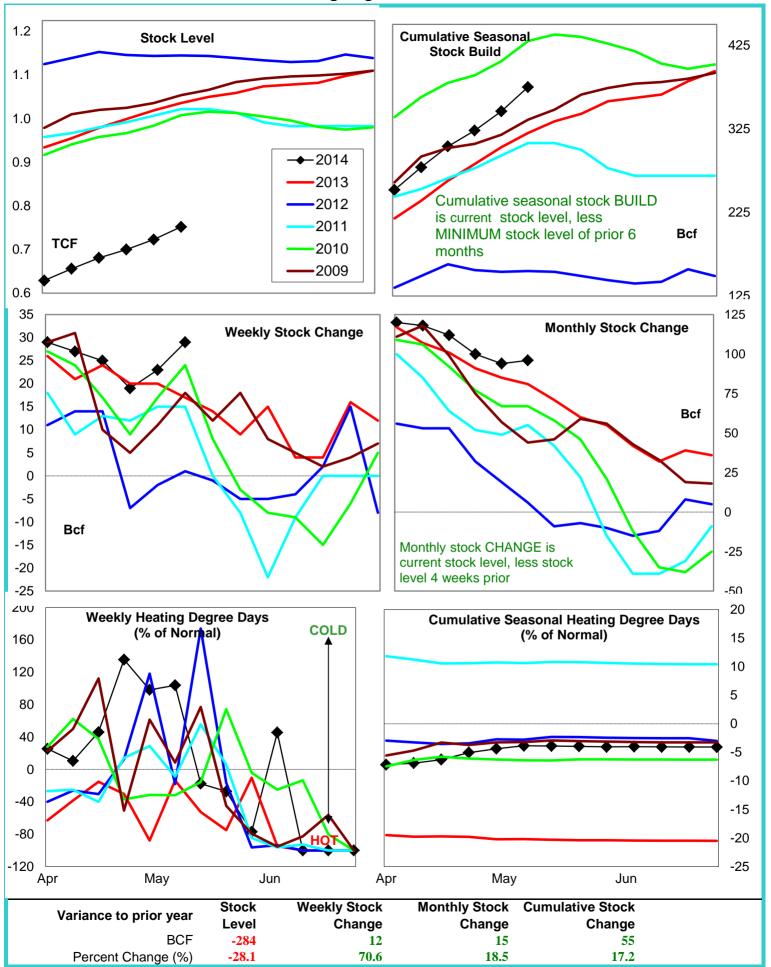
## **Natural Gas East Region Stock and Weather Trends**



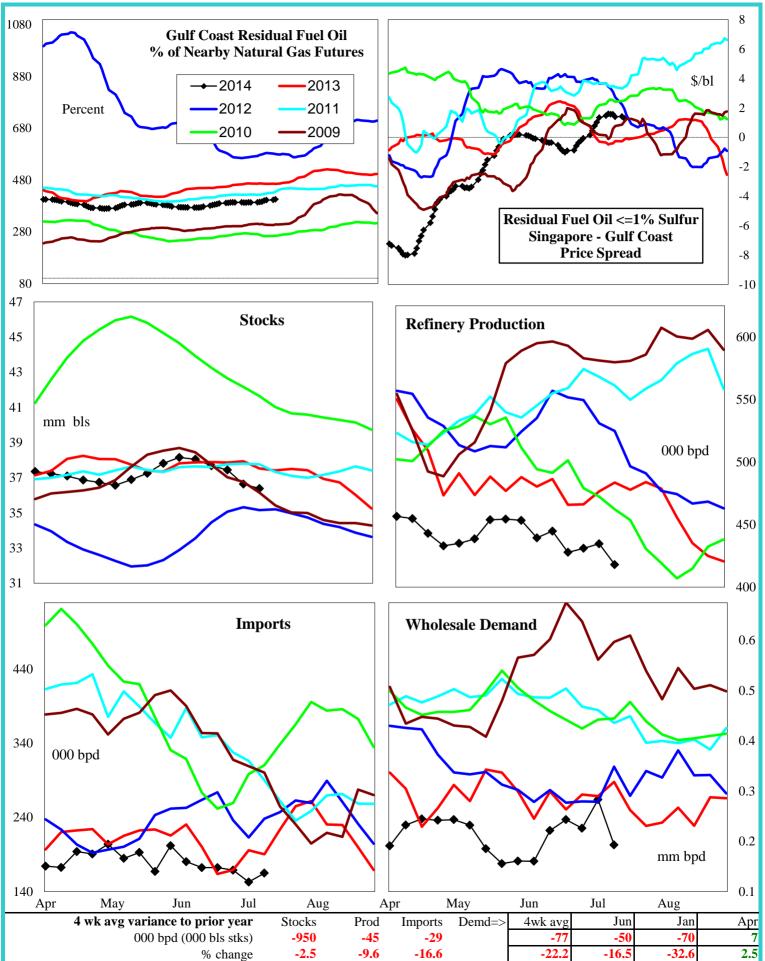
## **Natural Gas West Region Stock and Weather Trends**



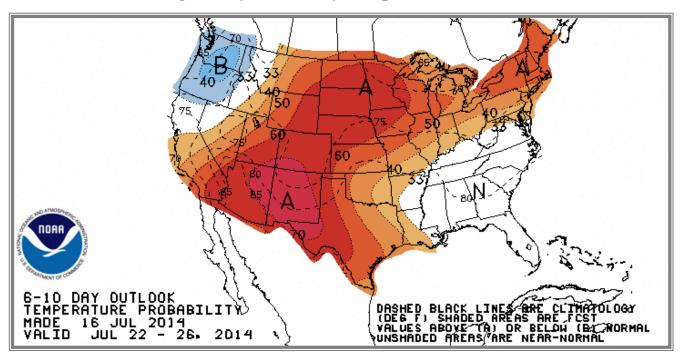
## **Natural Gas Producing Region Stock and Weather Trends**



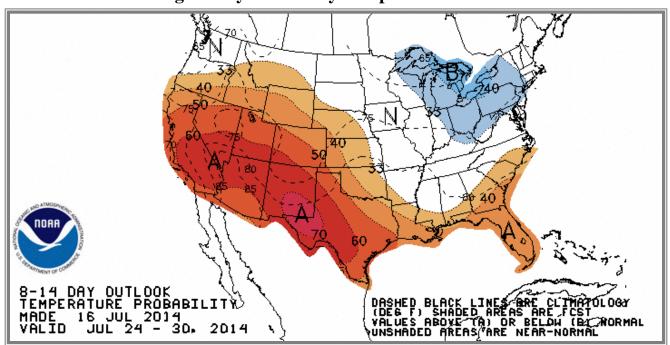
#### U.S. Residual Fuel Oil Price Spreads and Supply Balance



# 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 07/17/2014

