

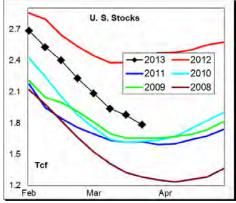
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

#### A Fundamental Petroleum Trends Weekly Report

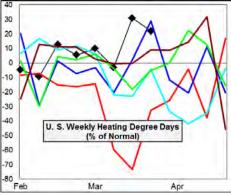
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Saturday, March 30, 2013



Summary <sup>1</sup> The stock draw of -95 Bcf for the week, was a record draw for the week.



Heating degree days for the week ending 23Mar13 were +31% above normal, and estimated to be +22% above normal for week ending 30Mar13.



In the East Region stocks decreased -73 Bcf for the week, a record draw for the period. Stocks decreased -5 Bcf in the West Region, a larger draw than the last 2-years. Stocks were -17 Bcf lower on the week in the Producing region, also a record draw for the week.

Heating degree days were +36% above normal in the East Region, +13% above normal in the West Region and +10% above normal in the Producing Region for the week ending 23Mar13.

**Heating degree days** were +31% above normal for the week ending 23Mar13, and estimated to be +22% above normal for the week ending 30Mar13.

The 6-10 day NWS forecast for the

Related Web Sites:
Data Source is EIA Weekly Statistics

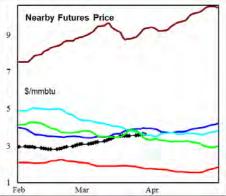
National Weather Service 6-10 Day

National Weather Service 10-14 Day

week ending 09Apr is for exceptionally low heating degree days across nearly the entire country, with the exception of northern great lakes area.

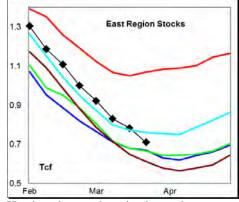
The 8-14 day NWS forecast for the week ending 13Apr13 is for continued exceptionally low heating degree days across the entire country.

Prices: Nearby gas futures prices increased +\$0.10/mmbtu for the week ending 29Mar13. The current price level is +\$1.87/mmbtu above last years' record 5-year low.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve traded sideways last week, matching the record high for this time of year on heating degree days that matched record highs above normal for the season.

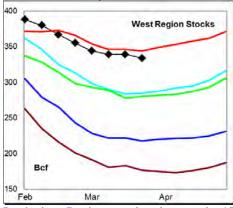
**East Region** stocks decreased -73 Bcf for the week, a record draw for the period. The current stock level was -34% below last year.



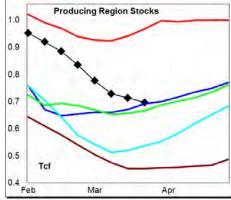
Heating degree days in the region were - +36% above normal for the week ending 23Mar13, and estimated to be +23% above normal for the week ending 30Mar13. Heating degree days are forecast to be exceptionally low in the region for the next 10-days.

West Region stocks declined -5 Bcf last week, a slightly higher draw than the last 2-years. Stock levels ended the week -3%

below last year. The latest 4-wk stock matched the historic mid range for the period. Heating degree days were +13% above normal for the week ended 23Mar13 and estimated to be -10% below normal for the week ended 30Mar13. Heating degree days are forecast to be well below normal for the next 10-days.



Producing Region stocks decreased -17 Bcf for the week, a record draw for the period. Stock levels ended the week -27% below last year.



Heating degree days were +10% above normal for the week ended 23Mar13, and estimated to be +52% above normal for the week ending 30Mar13. Extremely low heating degree days are forecast for the next 10-days.

Residual Fuel Oil Switching: The price spread between fuel oil and natural gas remains highly favorable for gas, with residual fuel demand +1% above last year.

**Outlook**: An exceptional decline in heating degree days is forecast for the next 10-days across the entire country. While carryout stocks are -26% below last year, they are above the previous 4-years.

The dramatic increase in temperatures is likely to lead to lead a pull back in price during the next 30-days.

#### NATURAL GAS: Graph Link and Weekly Summary Report prepared as of: March 30, 2013 For the week ending: 22-Mar-13 Weekly Trends in Stocks and Heating Degree Days for the week ending: 22-Mar-13 16-Mar-13 23-Mar-13 Week ending: 30-Mar-13 **Weekly Stocks Weekly Heating Degree Days** Region Change vs % of % of Change vs % of Change vs prior: Change vs Week Bcf Bcf Year (%) prior week normal prior week normal prior week normal U.S. Total 1.781 -95 35 31% -26.5-36 -3% -31 22% East 710 -40 45 36% -42 23% -73 -33.6-1% West -2.9 13% -42 -10% 334 -5 -44 -17% 36 **Producing** 737 -17 -27.0 -18 10% 15 52% 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 -2.148 -720 33.5 -5.8 -4.6 -3.8 154 189 158 East -1.386 -365 26.3 180 -5.2 225 -3.8 183 -3.0 West -217 -44 20.3 125 -4.9 161 -4.3 119 -4.5 **Producing** 54.9 -10.0-9.5 -550 -302 83 81 96 -8.1 **Futures Market Price Trends** Change vs prior week, month, year 29-Mar-13 Date: 25-Mar-13 4-Mar-13 9-Apr-12 1st month 4.02 0.16 0.50 2.04 **Futures** % change 4.1 14.0 102.9 XXXXX 11 0.00 **Nearby Futures Price** 1st - 4th Month Futures 10 Calendar Spread 9 -0.10 8 7 -0.20 \$/mmbtu 2013 2012 2011 2010 6 2009 2008 5 -0.30 3 -0.40

Apr

Mar

2

Feb

Feb

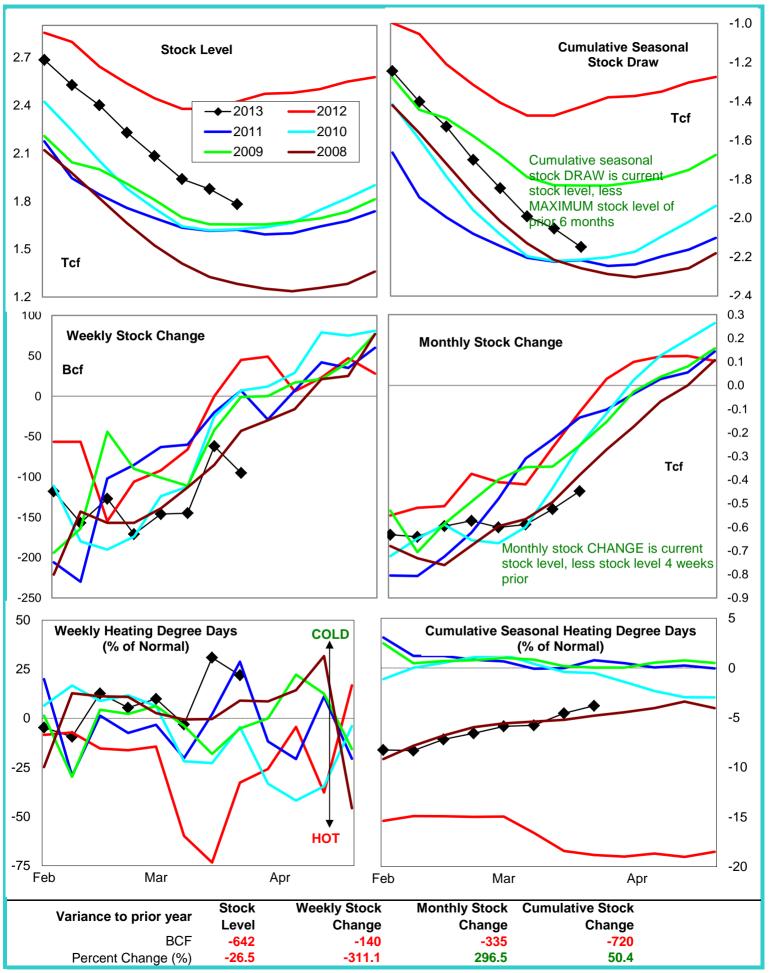
Mar

-0.50

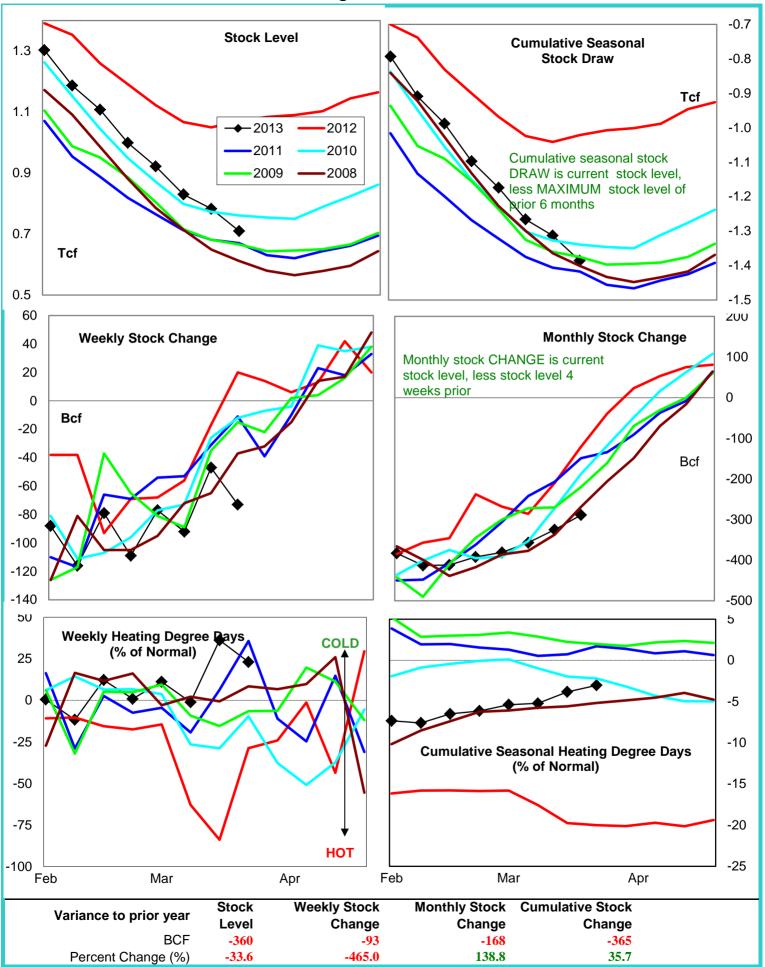
\$/mmbtu

Apr

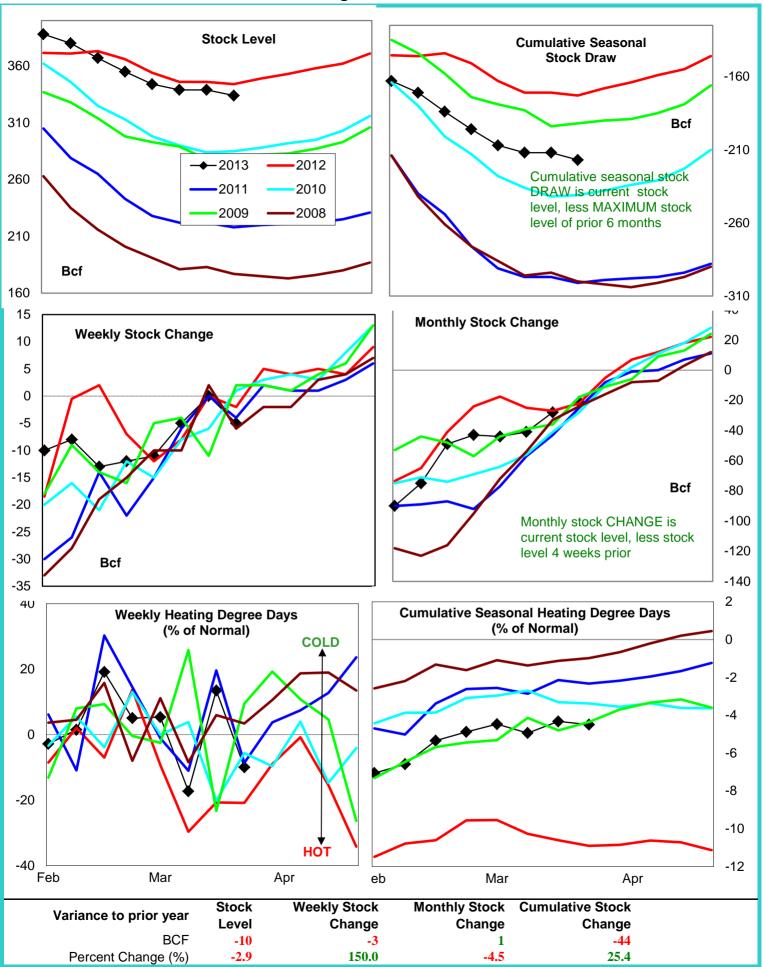
#### **United States Natural Gas Stock and Weather Trends**



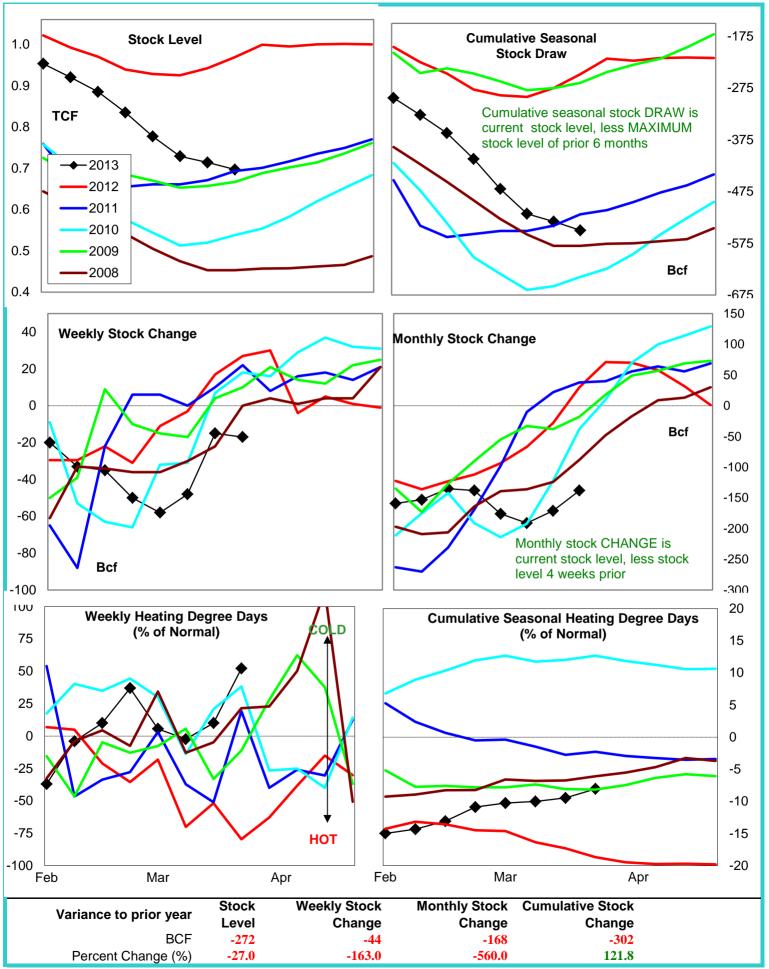
### **Natural Gas East Region Stock and Weather Trends**



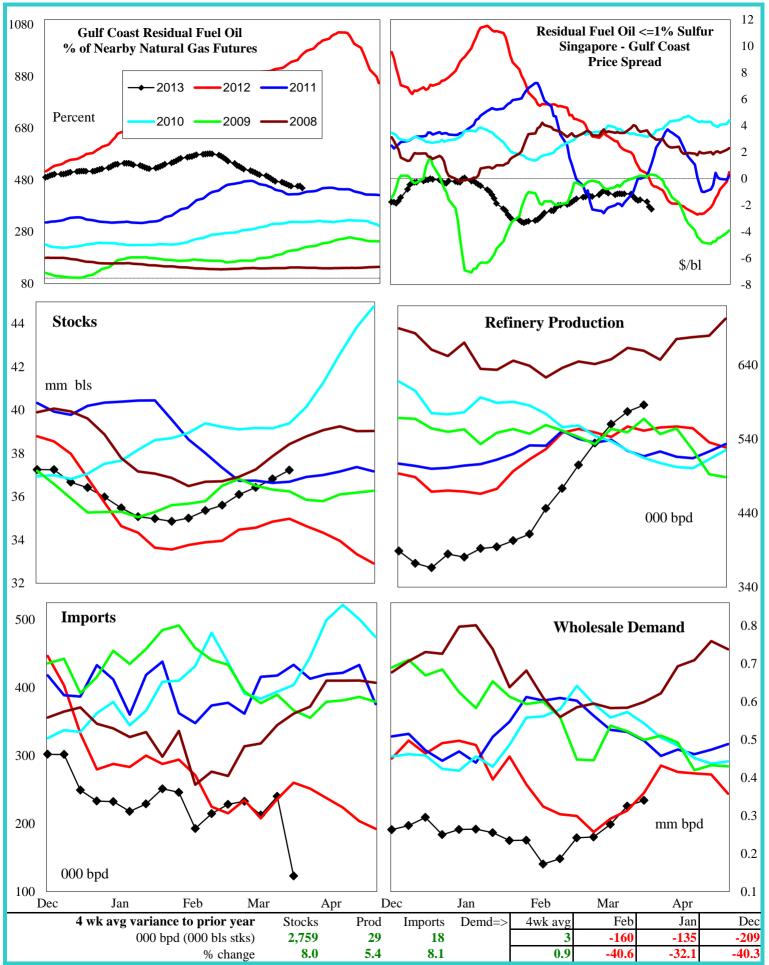
### **Natural Gas West Region Stock and Weather Trends**



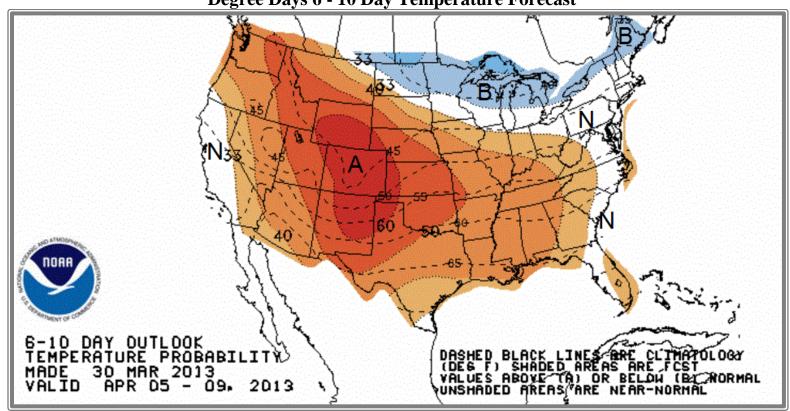
## Natural Gas Producing Region Stock and Weather Trends



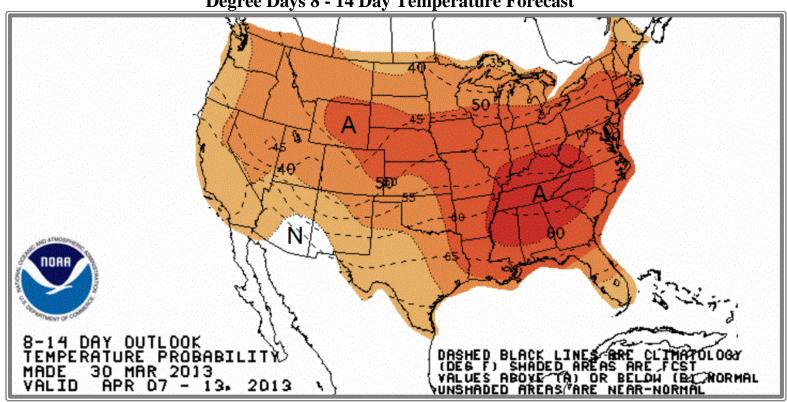
## U.S. Residual Fuel Oil Price Spreads and Supply Balance



# 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 03/20/2013

