

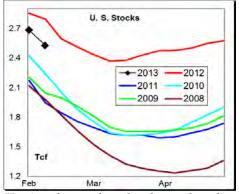
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Sunday, February 17, 2013

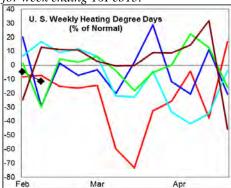


Summary <sup>1</sup> The stock draw of -157 Bcf for the week, was equal to the 5-year average for the week.



Heating degree days for the week ending 09Feb13 were -5% below normal, and were estimated to be -11% below normal

for week ending 16Feb13.



In the East Region stocks decreased -116 Bcf for the week, matched the record draw for the week. Stocks decreased -8 Bcf in the West Region, which was comparable to the historic midrange. Stocks decreased -33 Bcf in the Producing Region, a draw equal to the historic average.

Heating degree days were normal normal in the East Region, -3% below normal in the West Region and -37% below normal in the Producing Region for the week ending 09Feb13.

Heating degree days were -5% below normal for the week ending 09Feb13, and estimated to be -11% below normal for the week ending 15Feb13.

The 6-10 day NWS forecast for the

Related Web Sites:
Data Source is EIA Weekly Statistics

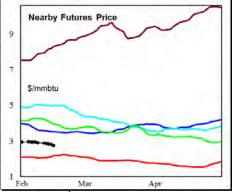
National Weather Service 6-10 Day

National Weather Service 10-14 Day

week ending 27Feb13 is for sharply above normal heating degree days across the western 2/3rds of the country and below normal in the eastern 1/4<sup>th</sup> of the country.

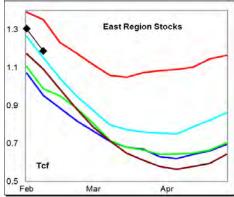
The 8-14 day NWS forecast for the week ending 03Mar13 is for above normal heating degree days in the west and southwest and below normal heating degrees in the great lakes and northeast.

Prices: Nearby gas futures prices decreased -\$0.12/mmbtu for the week ending 15Feb13. The current price level is +\$0.72/mmbtu above last years' record 5-year low.



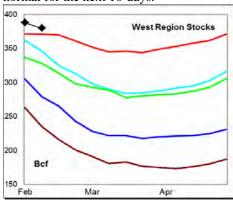
The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve trended lower last week on a drop in prompt demand, ending at a level near the 5-year mid range.

**East Region** stocks decreased -116 Bcf for the week, a draw that matched the 5-year record for the week. The current stock level was -12% below last year.

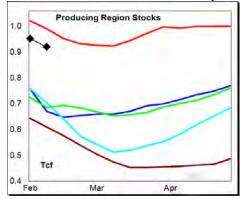


Heating degree days in the region were normal for the week ended 09Feb13, and estimated to be -14% below normal for the week ending 15Feb13. Heating degree days are forecast to be below normal in the region for the next 10-days.

West Region stocks decreased -8 Bcf on the week, a draw equal to the historic mid range. Stock levels ended the week +2.4% above last year, and a 5-year high. The latest 4-wk stock change was a draw of -75 Bcf, a draw near the 3-year average. Heating degree days were -3% below normal for the week ended 09Feb13, and estimated to be +3% above normal for the week ended 15Feb13. Heating degree days are forecast to be sharply above normal for the next 10-days.



Producing Region stocks decreased -33 Bcf for the week, a draw that matched the historic mid range for the week. Stock levels ended the week -7% below last year.

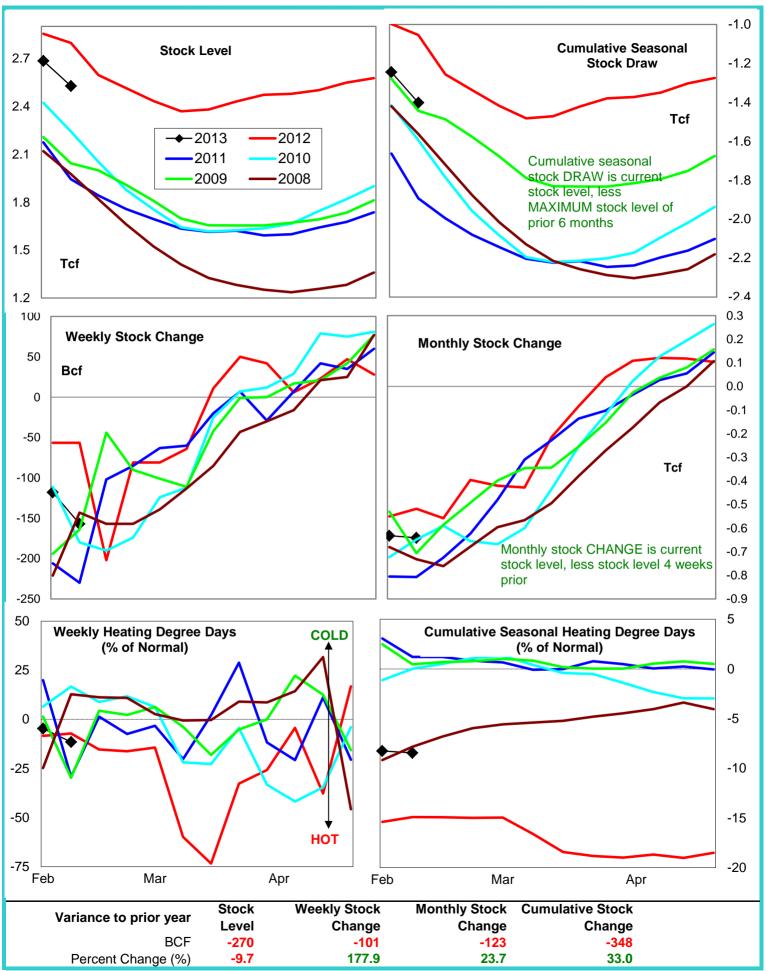


Heating degree days were -37% below normal for the week ended 09Feb13, and estimated to be -6% below normal for the week ending 15Feb13. Above normal heating degree days are forecast for the next 10-days.

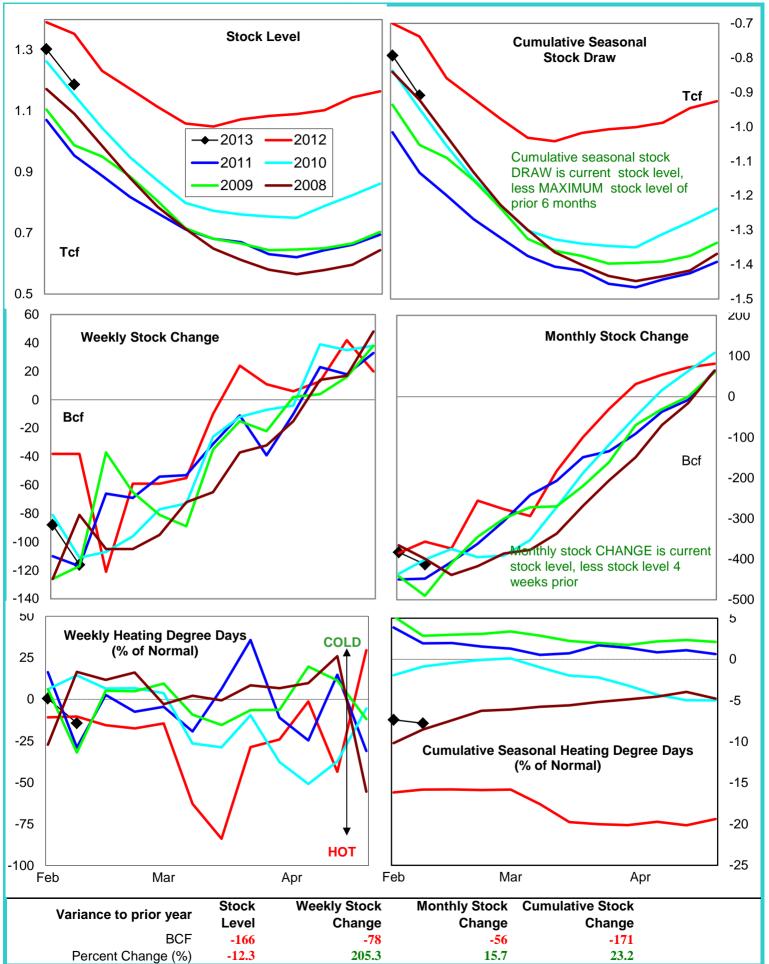
Residual Fuel Oil Switching: The price spread between fuel oil and natural gas remains highly favorable for gas, with residual fuel demand -39% below last year. **Outlook**: Heating degree days are forecast to be sharply above normal for the next 10-days across the western 2/3rds of the country, but below normal in the eastern 1/4<sup>th</sup> of the country. Look for continued price weakness as the industry begins to focus on the high level of carry out stocks, the seasonal downtrend in heating degree days.

#### **NATURAL GAS: Graph Link and Weekly Summary** Report prepared as of: February 17, 2013 For the week ending: 8-Feb-13 Weekly Trends in Stocks and Heating Degree Days for the week ending: 8-Feb-13 2-Feb-13 9-Feb-13 Week ending: 16-Feb-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 2.527 -16% 19 -5% -11% -157 -9.7 -62 -26 East 1.187 -12.3-84 -14% 31 0% -48 -14% -116 West -4% -3% 380 -8 2.4 -3 2 3% **Producing** 960 -7.0 -19 -35% -6% -37% 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 -1.402-348 24.8 214 -8.5 195 -8. -8.3 189 East -909 -171 18.8 223 -7.9 254 -7.3 -7.8 207 West -171 -25 14.6 196 -7.3 191 -7.1 193 -6.5 -14.4 **Producing** 100 -15.0 125 -327 -102 31.2 -13.3**Futures Market Price Trends** Change vs prior week, month, year 15-Feb-13 Date: 11-Feb-13 21-Jan-13 27-Feb-12 1st month 3.15 -0.13 -0.410.69 **Futures** % change 28.0 -3.8 -11.6 XXXXX 11 0.00 **Nearby Futures Price** 1st - 4th Month Futures 10 Calendar Spread 9 -0.10 8 7 -0.20 \$/mmbtu 2012 2013 2011 2010 6 2009 2008 5 -0.30 3 -0.40 2 \$/mmbtu -0.50 Feb Mar Apr Feb Mar Apr

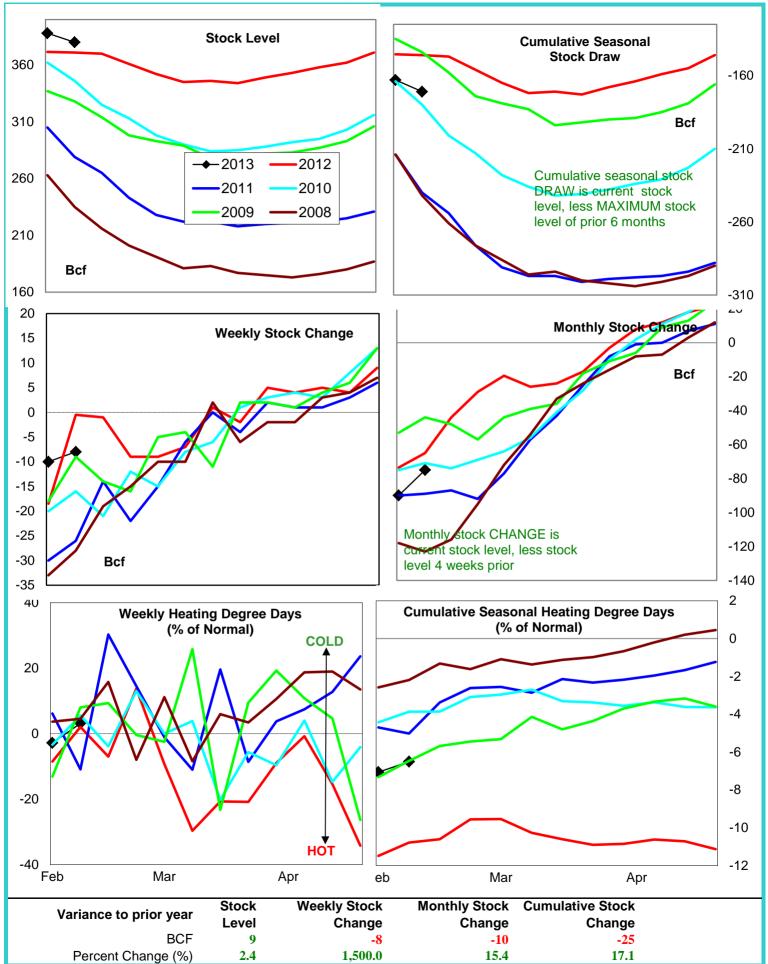
#### **United States Natural Gas Stock and Weather Trends**



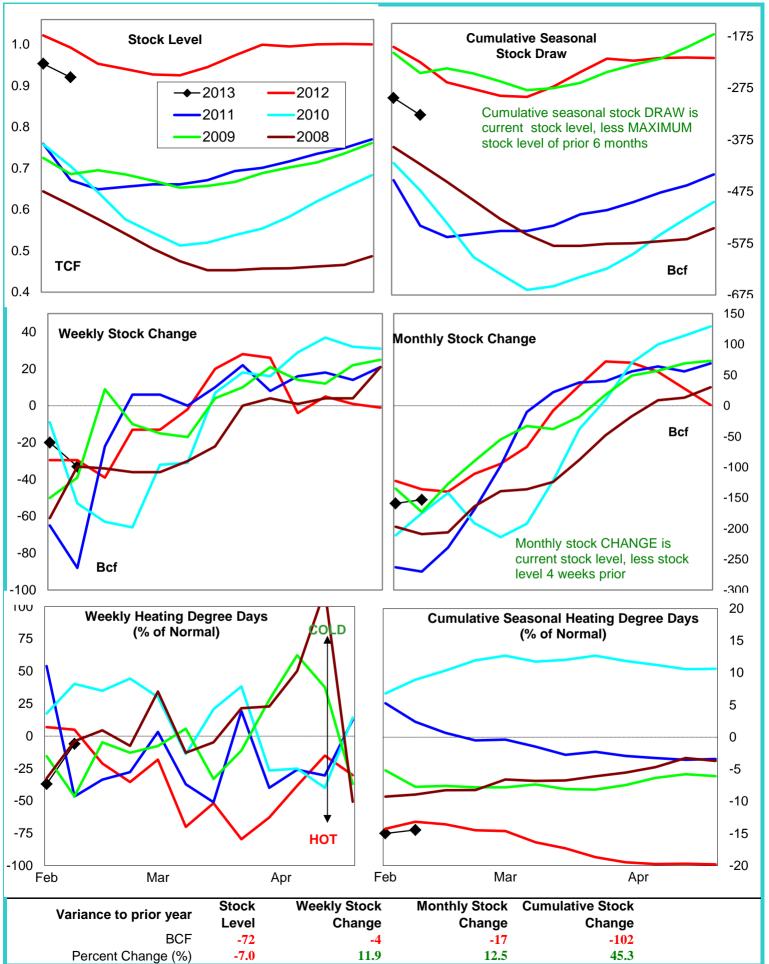
#### **Natural Gas East Region Stock and Weather Trends**



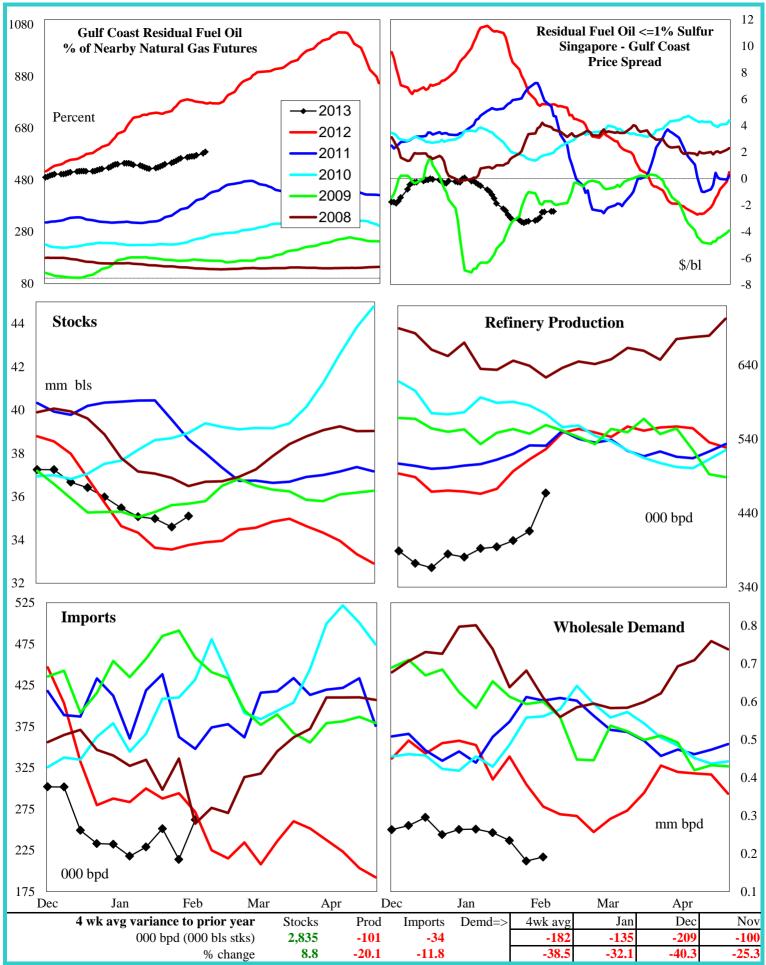
#### **Natural Gas West Region Stock and Weather Trends**



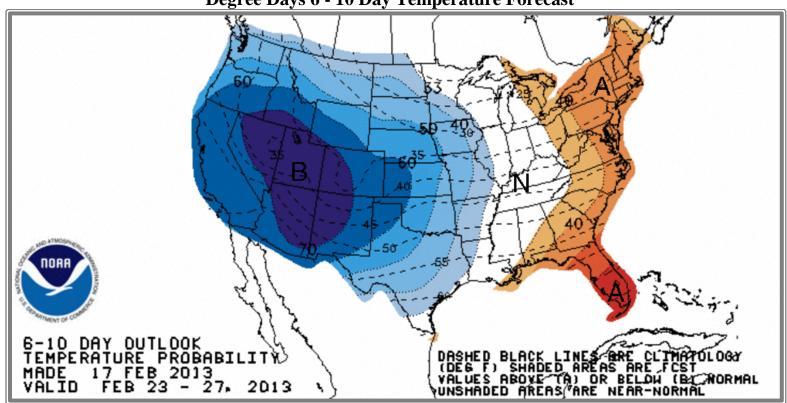
## **Natural Gas Producing Region Stock and Weather Trends**



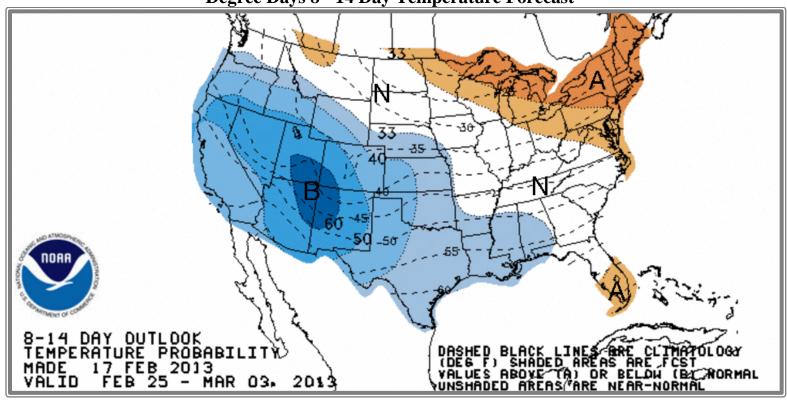
### U.S. Residual Fuel Oil Price Spreads and Supply Balance



# 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



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