

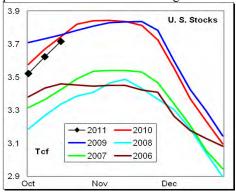
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

#### A Fundamental Petroleum Trends Weekly Report

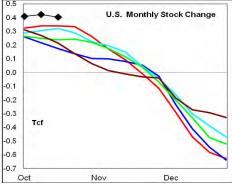
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Sunday, October 30, 2011



Summary <sup>1</sup> The stock build of +92 Bcf for the week was above the 5-year range for the 5th consecutive week; driven by unusually mild temperatures, high production and weak economic growth.



The latest 4-wk stock build was a record for this time of year; above the historic range for the 5th consecutive week.



In the East Region stocks increased +44 Bcf for the period, the 6th consecutive week that the build was above the historic range. Stocks increased +7 Bcf in the West Region, a level that exceeded the 5-year range. The stock build of +41 Bcf in the Producing Region was a 5-year high for the period.

Heating degree days were -2% below normal in the East Region, -12% below normal in the West Region and +91% above normal in the Producing Region for the week ending 22Oct11.

**Heating degree days** were +3% above normal for the week ended 22Oct11, and -19% below normal for the week ending

1 Related Web Sites:

Data Source is EIA Weekly Statistics

National Weather Service 6-10 Day

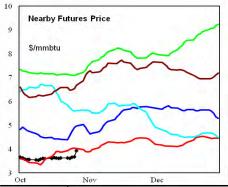
National Weather Service 10-14 Day

29Oct11.

The 6-10 day NWS forecast for the week ending 09Nov11 is for above normal heating degree days in the western 1/3rd of the country and well below normal heating degree days in the eastern 2/3rds of the country.

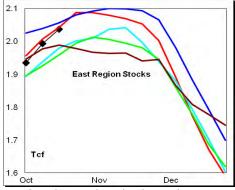
The 8-14 day NWS forecast for the week ending 13Nov11 is for above normal heating degree days from the western 1/3rd of the country and below normal heating degree days in the eastern 2/3rds of the country.

Prices: Nearby gas futures prices increased +\$0.29/mmbtu for the week ending 28Oct11. The price jump was driven by an early snowfall in the Northeast and the roll to December as the nearby contract.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve trended sharply higher for the week ending 28Oct11 on the roll from November to December as the prompt contract.

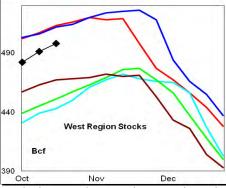
**East Region** stocks increased +44 Bcf last week, the 6th consecutive record weekly build. The latest 4-wk stock build was also a record high.



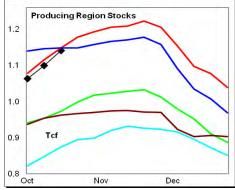
Heating degree days in the region were -2% below normal for the week ending 21Oct11, and -16% below normal for the week ending 29Oct11. Much below normal heating degree days are forecast for the next 10-days.

West Region stocks increased +7 Bcf on the week, a level that was a 5-year high for the week. Stock levels ended the week - 2.9% below the 5-year high. The latest 4-wk stock build was a record high for the season.

Heating degree days were -12% below normal for the week ending 21Oct11, and -26% below normal for the week ending 29Oct11. Well above normal heating degree days are forecast for the next 10-days.



Producing Region stocks experienced a build of +41 Bcf on the week, a record high for the week. The monthly stock build was also a record high for this time of year. Stock levels ended the week at the upper end of the historic range.



Heating degree days were +91% above normal for the week ending 21Oct11, and -26% below normal for the week ending 29Oct11. Well below 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.

Outlook: Stock builds continue at a record high on mild temperatures, weak economic growth and high production rates. Stock levels are likely to make a new record high by early November. A return to below normal heating degree days in the eastern 2/3rds of the country should constrain prices into mid November.



# NATURAL GAS: Graph Link and Weekly Summary

Report prepared as of: October 30, 2011 For the week ending: 21-Oct-11

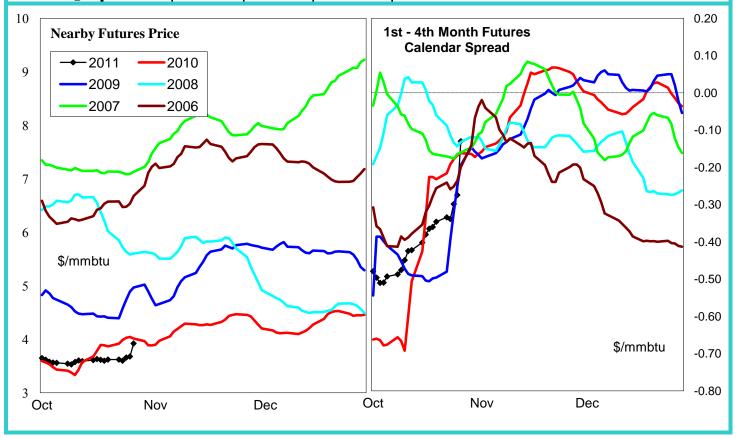
| Weekly Trends in Stocks and Heating Degree Days for the week ending: |       |             |          |            |        |               |           |            |        |  |
|--|-------|-------------|----------|------------|--------|---------------|-----------|------------|--------|--|
| Week ending:   |       | 21-Oct-11   |          | 15-Oc      | t-11   | 22-Oc         | t-11      | 29-Oct     | :-11   |  |
|  | W     | eekly Stock | S        |            | Weel   | kly Heating l | Degree Da | ys         |        |  |
| Region   |       | Change v    | s prior: | Change vs  | % of   | Change vs     | % of      | Change vs  | % of   |  |
|  | Bcf   | Week Bcf    | Year (%) | prior week | normal | prior week    | normal    | prior week | normal |  |
| U.S. Total   | 3,716 | 92          | -0.7     | -13        | -50%   | 47            | 3%        | -1         | -19%   |  |
| East   | 2,037 | 44          | -0.3     | -19        | -55%   | 56            | -2%       | 0          | -16%   |  |
| West   | 498   | 7           | -2.9     | 0          | -21%   | 19            | -12%      | 8          | -26%   |  |
| Producing  | 1,181 | 41          | -0.6     | 1          | -36%   | 32            | 91%       | -12        | -26%   |  |

Seasonal Trends in Stocks and Heating Degree Days

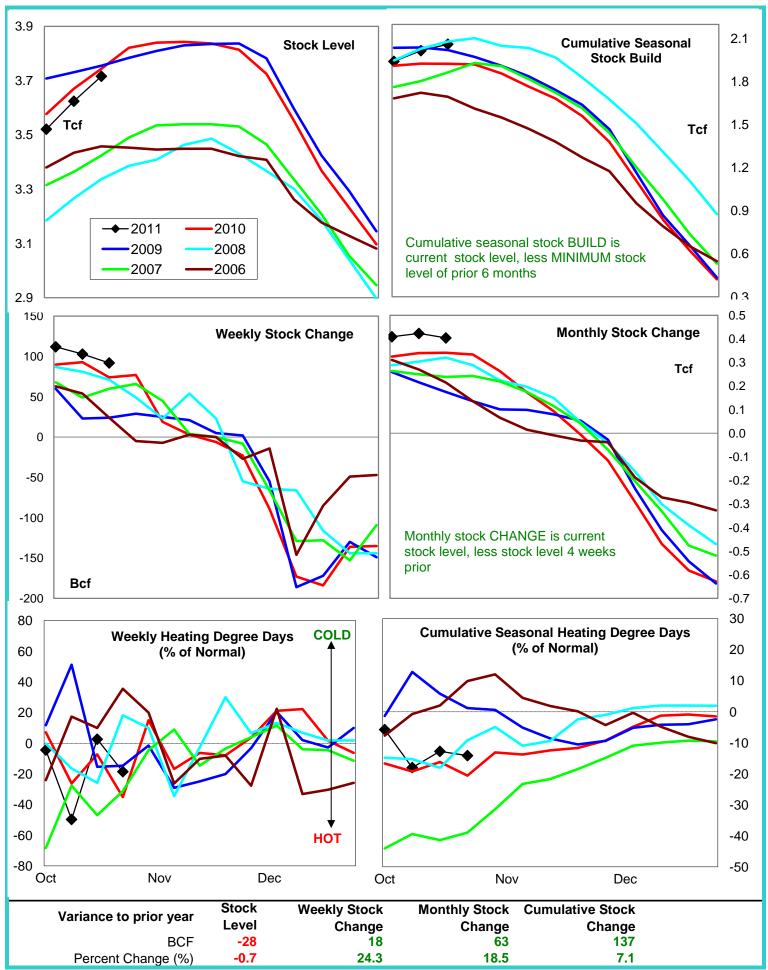
|            | Cumulative Stock Change |           |            | Cumulative Heating Degree Days |        |           |        |           |        |
|------------|-------------------------|-----------|------------|--------------------------------|--------|-----------|--------|-----------|--------|
|            |                         | Change vs | prior year | CHDD's vs                      | % of   | CHDD's vs | % of   | CHDD's vs | % of   |
|            | Bcf                     | Bcf       | %          | normal                         | normal | normal    | normal | normal    | normal |
| U.S. Total | 2,062                   | 137       | 6.6        | 32                             | -18.0  | 79        | -12.8  | 78        | -14.1  |
| East       | 1,385                   | 166       | 12.0       | 34                             | -17.7  | 90        | -13.7  | 90        | -14.3  |
| West       | 276                     | 66        | 23.9       | 49                             | -26.2  | 68        | -23.2  | 76        | -23.7  |
| Producing  | 401                     | -95       | -23.7      | 14                             | 3.5    | 47        | 30.5   | 35        | 9.3    |

**Futures Market Price Trends** 

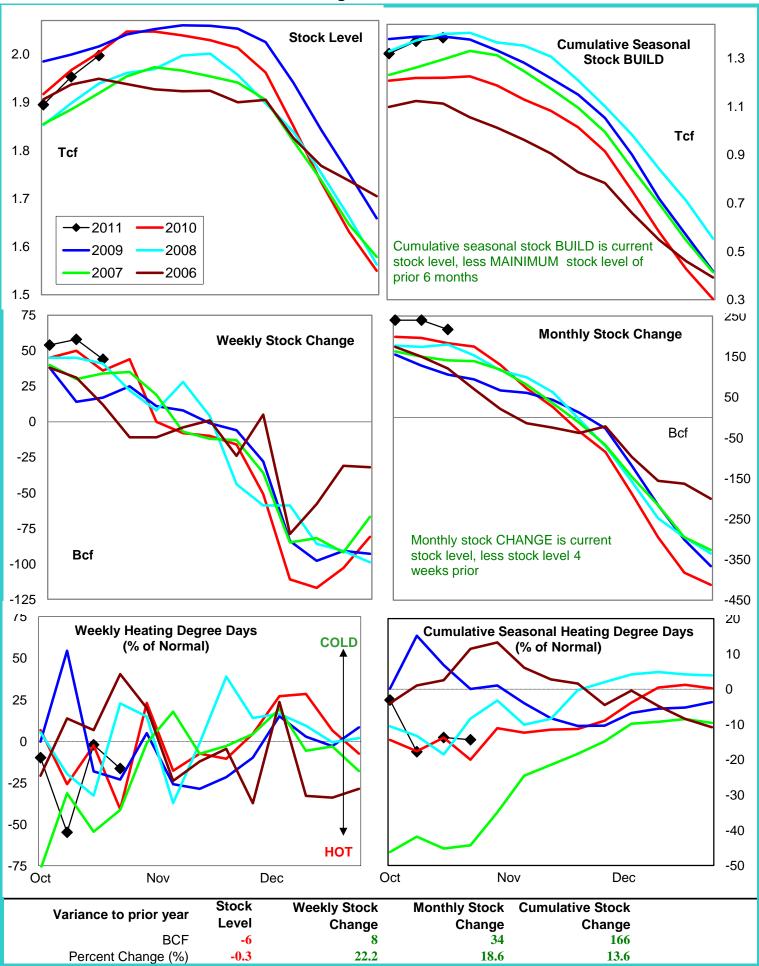
| Doto           | 28-Oct-11 | Change vs prior week, month, year |          |           |  |  |
|----------------|-----------|-----------------------------------|----------|-----------|--|--|
| Date:          | 20-001-11 | 24-Oct-11                         | 3-Oct-11 | 28-Oct-10 |  |  |
| 1st month      |           |                                   |          |           |  |  |
| <b>Futures</b> | 3.92      | 0.32                              | 0.31     | -0.01     |  |  |
| % change       | XXXXX     | 9.0                               | 8.5      | -0.2      |  |  |



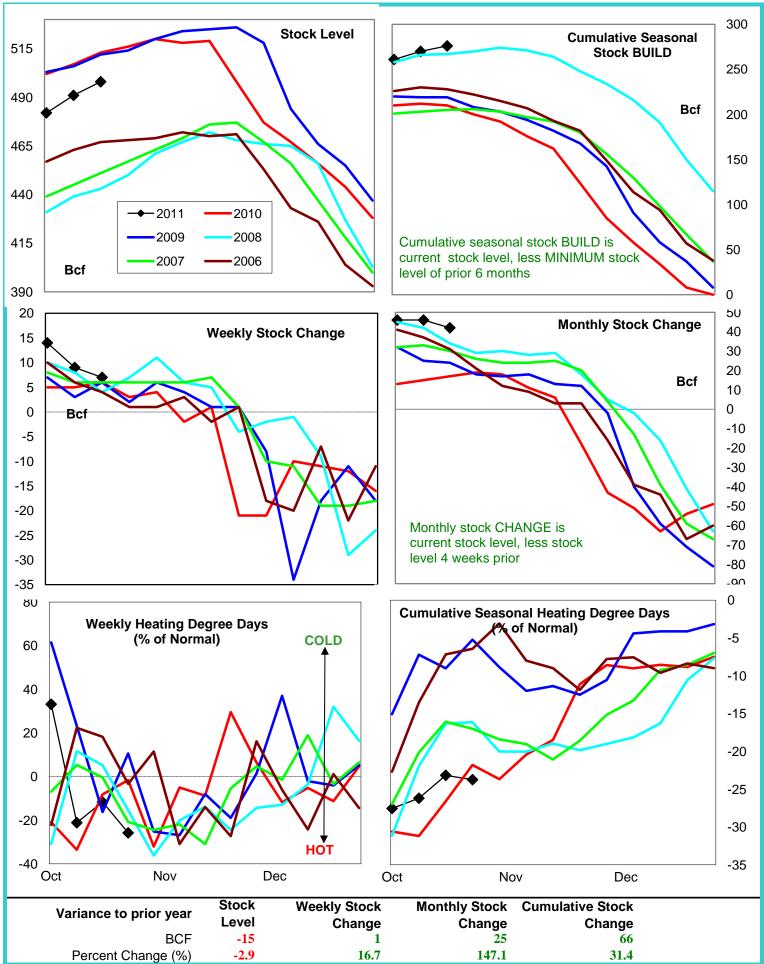
#### **United States Natural Gas Stock and Weather Trends**



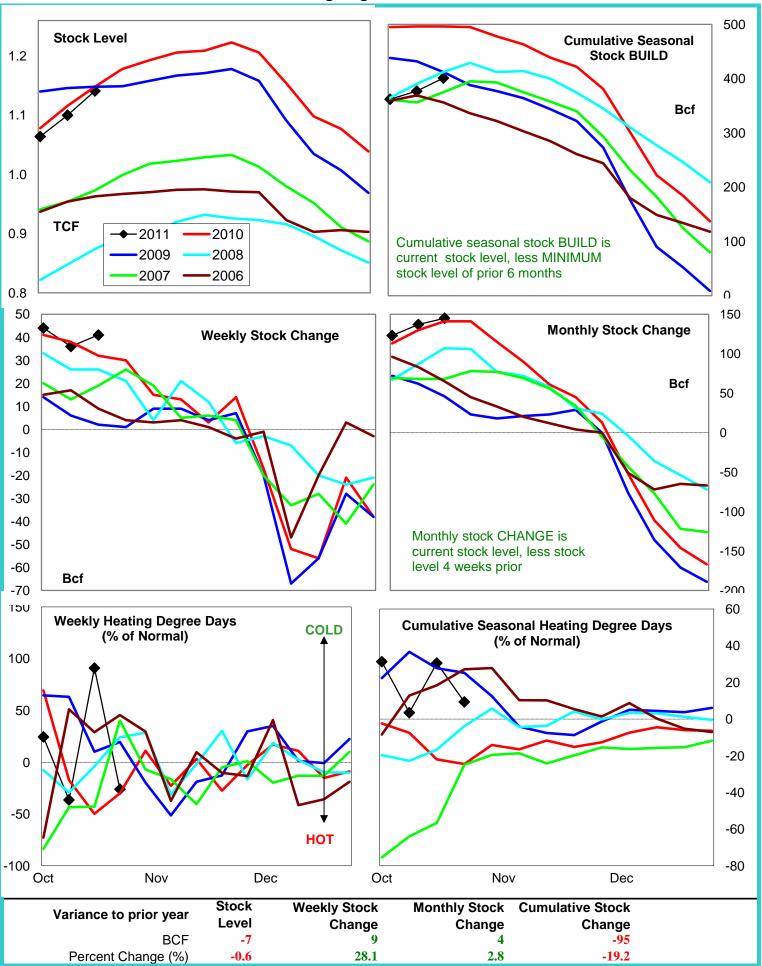
## **Natural Gas East Region Stock and Weather Trends**



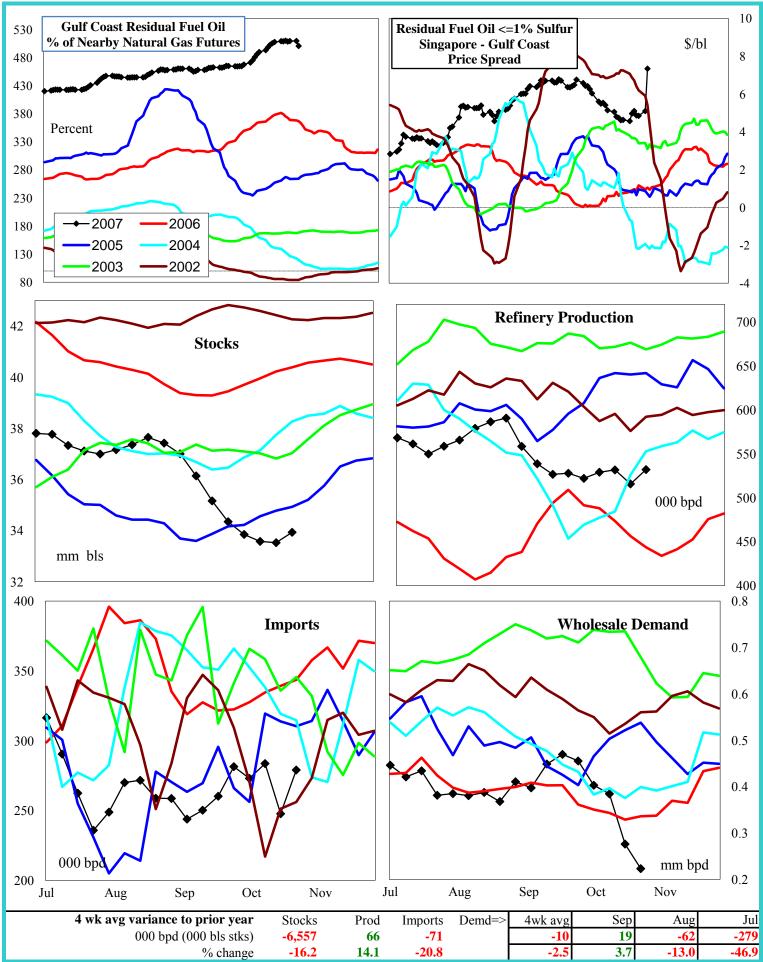
## **Natural Gas West Region Stock and Weather Trends**



## Natural Gas Producing Region Stock and Weather Trends

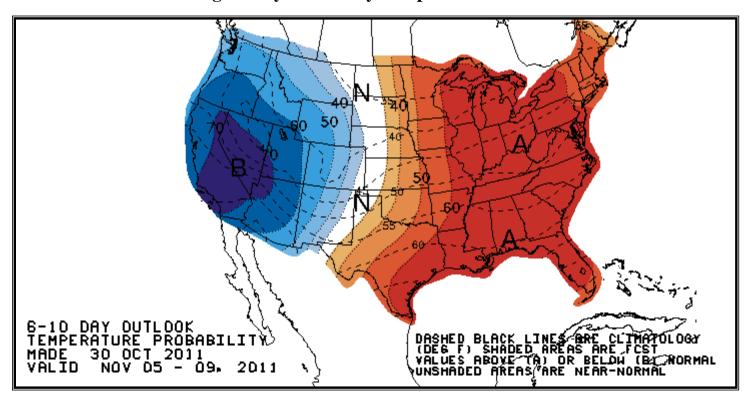


# **U.S. Residual Fuel Oil Price Spreads and Supply Balance**



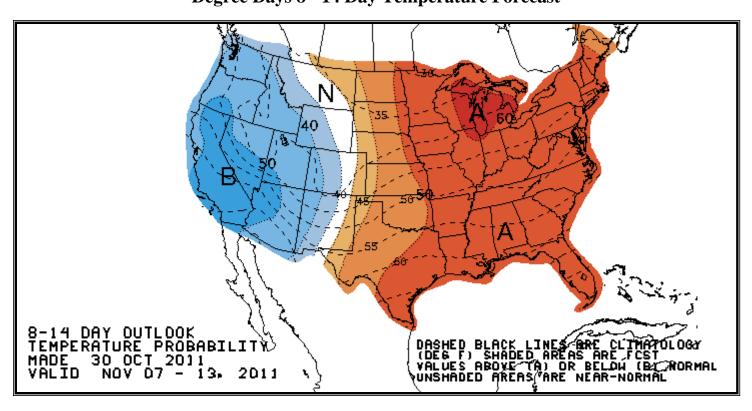
## **National Weather Service Climate Prediction Center**

# **Degree Days 6 - 10 Day Temperature Forecast**



National Weather Service Climate Prediction Center

Degree Days 8 - 14 Day Temperature Forecast



www.fundamentalpetroleumtrends.com 10/30/2011

