

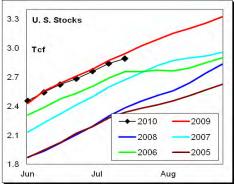
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

#### A Fundamental Petroleum Trends Weekly Report

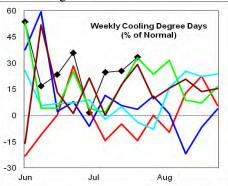
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, July 22, 2010



Summary <sup>1</sup> Stocks increased +51 Bcf last week, a level that was below the historic range for the 2nd consecutive week.



Cooling degree days were +26% above normal for the week ending 17Jul10, and forecast to be +33% above normal for the week ending 24Jul10.



In the East Region stocks increased +41 Bcf, which was below the historic range for the week. The +4 Bcf build in the West Region was at the low end of the historic range. The stock build of +6 Bcf in the Producing Region was at the low end of the historic range.

Cooling degree days were +30% above normal in the East Region, +33% above normal in the West Region and +10% above normal in the Producing Region for the week ending 17Jul10.

Cooling degree days were +26% above normal for the week ended July 17th, and forecast to be +33% above normal for the week ending July 24th.

The 6-10 day NWS forecast for the

**Related Web Sites:** Data Source is EIA Weekly Statistics

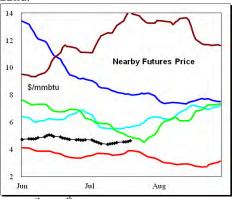
National Weather Service 6-10 Day

National Weather Service 10-14 Day

week ending July 31st is for much above normal cooling degree days in the eastern 2/3rds of the country and near normal in the western 1/3rd.

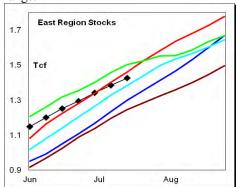
The 8-14 day NWS forecast for the week ending August 4th is for an extension of the 6-10 day outlook, with above normal cooling degree days in eastern 2/3rds of the country and near normal in the western 1/3rd.

Prices: Nearby gas futures prices increased +\$0.05/mmbtu for the week ending July 22nd.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve continues to narrow between the prompt and out month futures. The spread is at the lowest level of the last 5-years for this period; reflecting expectations of ample winter quarter supply.

East Region stocks increased +41 Bcf on the week, which was below the 5-year range for the period. The latest 4-wk stock build was also below the 5-year range. Stock levels remain above the historic mid range.



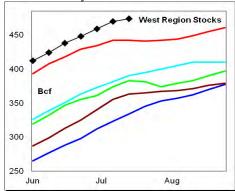
Cooling degrees in the region were +30% above normal for the week ended July 17th, and forecast to be +43% above normal for the week ending 24Jul10. Much above normal cooling degree days are forecast for the next 10-days in the East Region.

West Region stocks increased +4 Bcf on

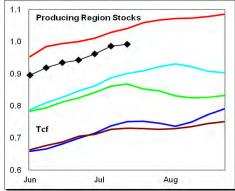
the week, which was at the low end of the historic range. The latest 4-wk stock build was at the low end of the historic range. Stock levels are +7.2% above the prior 5vear high.

Cooling degree days were +33% above normal for the week ended July 17th, and forecast to be +26% above normal for the week ending 24Jul10. Near normal cooling degree days are forecast for

the next 10-days.



Producing Region stocks increased +6 Bcf on the week, which was at the low end of the historic range. The latest 4-wk stock build matched the mid range. Stock levels were -4.7% below last years' record level.



Cooling degree days were +10% above normal for the week ending July 17th, and forecast to be +17% above normal for the week ending 24Jul10. Above normal cooling degree days are forecast for the next 10-days.

Residual Fuel Oil Switching: The price spread between residual fuel oil and natural gas remains highly favorable for substitution of gas.

Outlook: Cooling degree were at record highs for 4 of the last 7 weeks and are forecast to remain at record levels through month end. Even with high stock levels this unprecedented demand for electric power should provide continued support to prices during the quarter.



# NATURAL GAS: Graph Link and Weekly Summary

Report prepared as of: July 22, 2010 For the week ending: 16-Jul-10

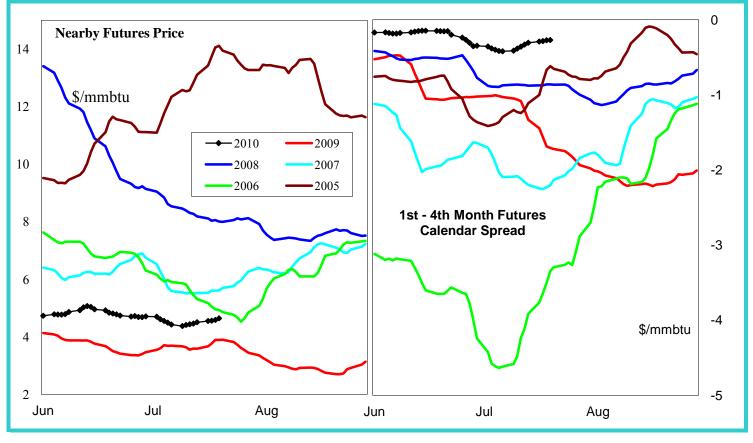
|                    | Weekly T         | rends in S | tocks an  | d Cooling  | Degree D                 | ays for the | week e    | nding:     |        |
|--------------------|------------------|------------|-----------|------------|--------------------------|-------------|-----------|------------|--------|
| Week ending:       | 16-Jul-10        |            |           | 10-Jul-10  |                          | 17-Jul-10   |           | 24-Jul-10  |        |
| Weekly Stocks Week |                  |            |           |            | ekly Cooling Degree Days |             |           |            |        |
| Region             | Change vs 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         | 2,891            | 51         | -1.8      | 22         | 25%                      | 5           | 26%       | 7          | 33%    |
| East               | 1,425            | 41         | -2.3      | 36         | 47%                      | -7          | 30%       | 11         | 43%    |
| West               | 474              | 4          | 7.2       | -1         | -5%                      | 24          | 33%       | -4         | 26%    |
| Producina          | 992              | 6          | -4.7      | 3          | -4%                      | 21          | 10%       | 9          | 17%    |

Seasonal Trends in Stocks and Cooling Degree Days

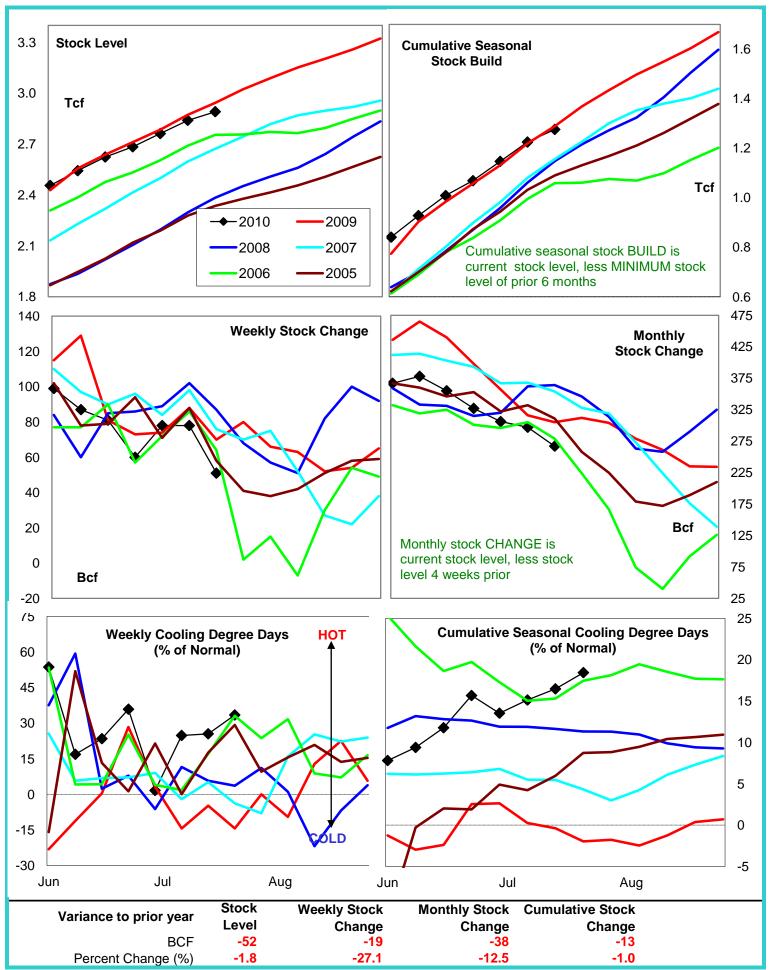
|            | Cumulative Stock change |           |            | Cumulative Cooling Degree Days |        |           |        |           |        |
|------------|-------------------------|-----------|------------|--------------------------------|--------|-----------|--------|-----------|--------|
|            |                         | Change vs | prior year | CCDD's vs                      | % of   | CCDD's vs | % of   | CCDD's vs | % of   |
|            | Bcf                     | Bcf       | %          | normal                         | normal | normal    | normal | normal    | normal |
| U.S. Total | 1,276                   | -13       | -1.0       | 76                             | 15%    | 95        | 16%    | 120       | 18%    |
| East       | 675                     | -140      | -20.7      | 99                             | 30%    | 111       | 30%    | 131       | 32%    |
| West       | 191                     | 27        | 14.1       | -90                            | -27%   | -72       | -18%   | -58       | -13%   |
| Producing  | 444                     | 96        | 21.6       | 99                             | 10%    | 111       | 10%    | 131       | 11%    |

**Futures Market Price Trends** 

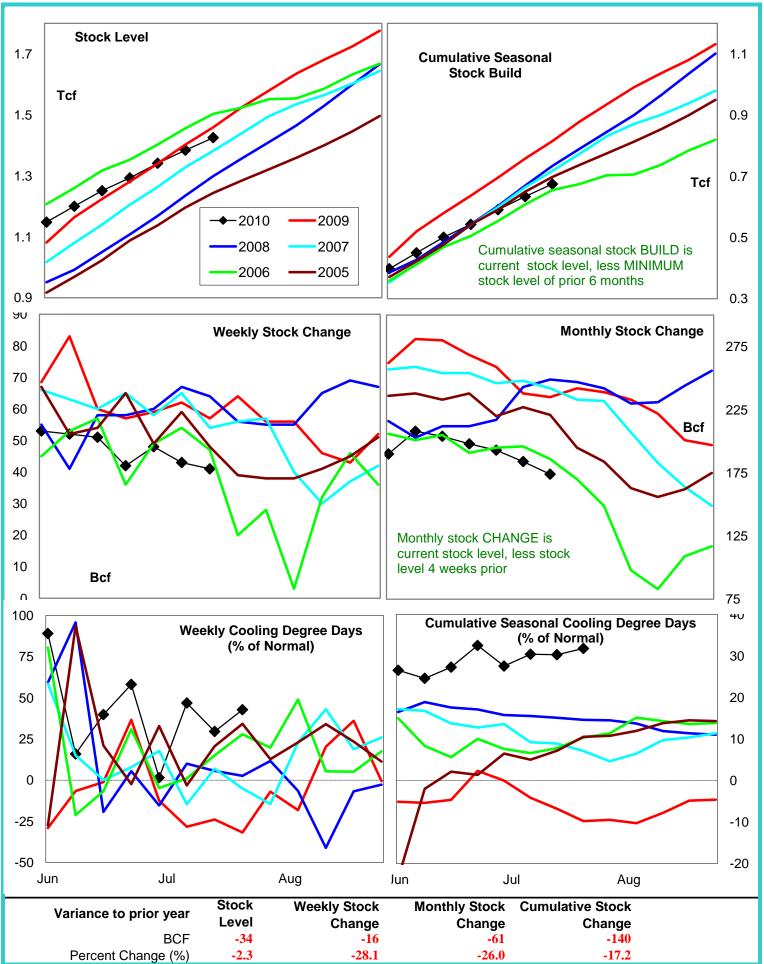
| Date:     | 18-Aug-10 | Change vs prior week, month, year |           |          |  |  |
|-----------|-----------|-----------------------------------|-----------|----------|--|--|
| Date.     | 10-Aug-10 | 12-Aug-10                         | 22-Jul-10 | 7-Aug-09 |  |  |
| 1st month |           |                                   |           |          |  |  |
| Futures   | 4.64      | 0.12                              | -0.22     | 0.60     |  |  |
| % change  | XXXXX     | 2.7                               | -4.5      | 14.9     |  |  |



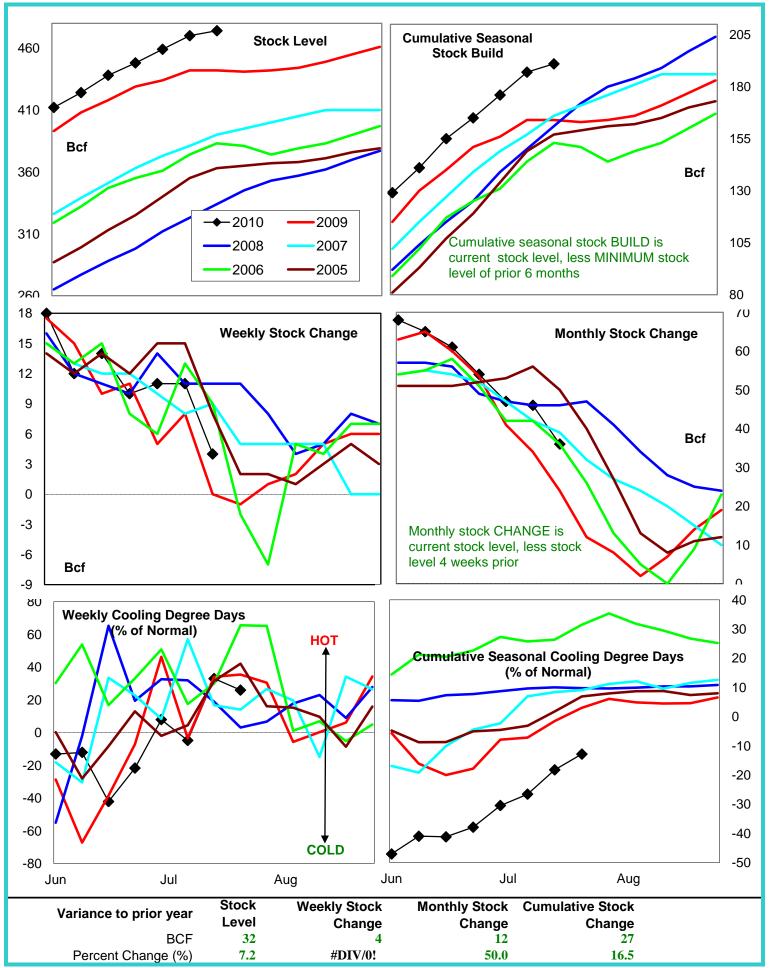
#### **United States Natural Gas Stock and Weather Trends**



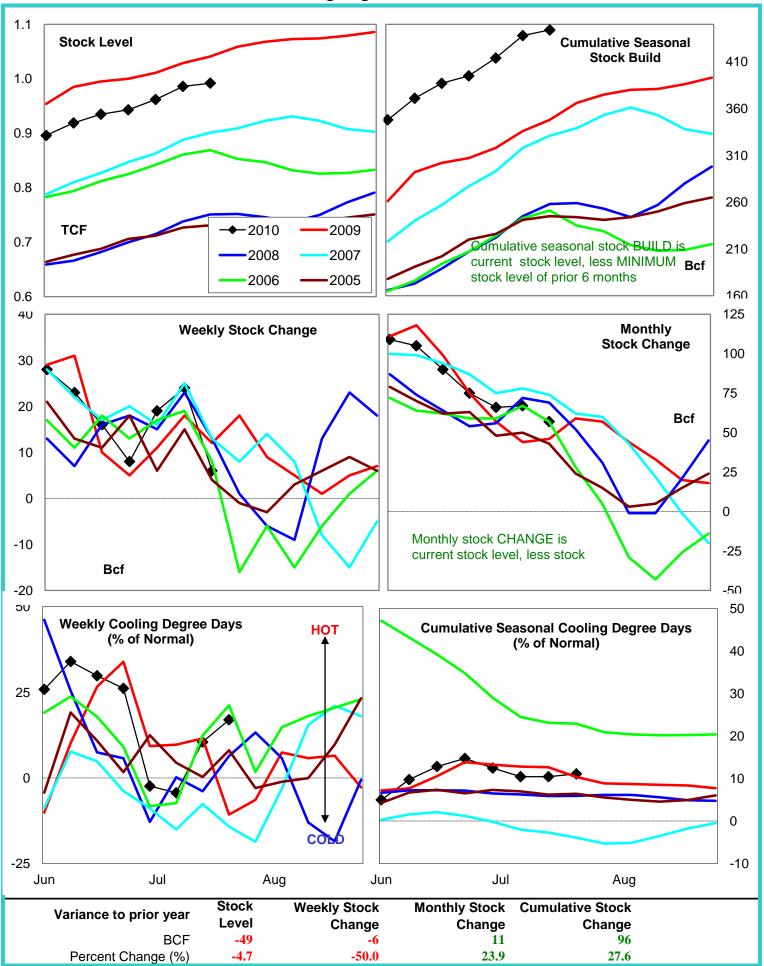
## **Natural Gas East Region Stock and Weather Trends**



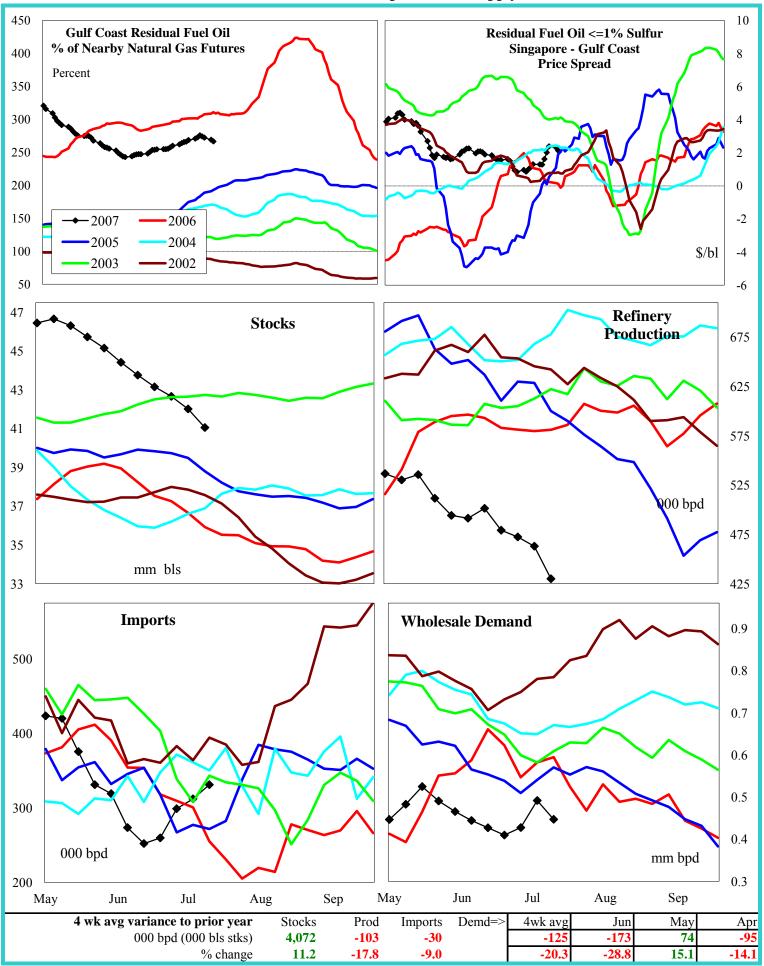
#### **Natural Gas West Region Stock and Weather Trends**



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

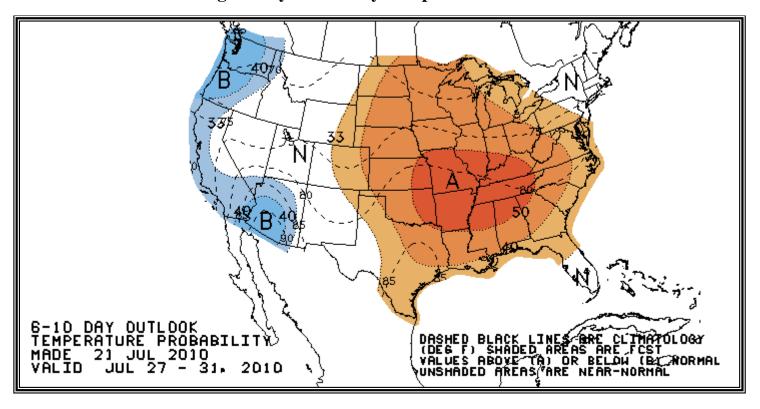


## U.S. Residual Fuel Oil Price Spreads and Supply Balance



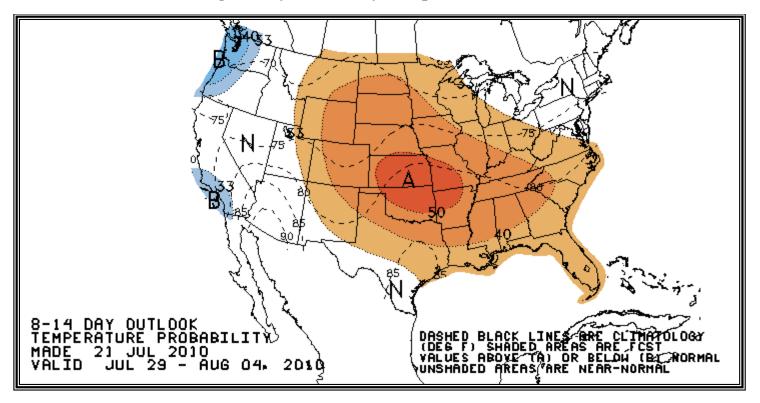
## **National Weather Service Climate Prediction Center**

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



# **National Weather Service Climate Prediction Center**

# **Degree Days 8 - 14 Day Temperature Forecast**



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