

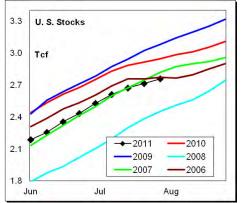
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

A Fundamental Petroleum Trends Weekly Report

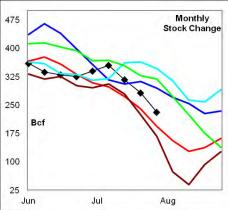
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, August 04, 2011



Summary <sup>1</sup> The stock build of +44 Bcf for the week was below the historic mid range.



The latest 4-wk stock build dropped below the mid range, less than expected based on record high cooling degree days.



In the East Region stocks increased +42 Bcf for the period, a level below the mid range for the week. Stocks increased +7 Bcf in the West Region, a level that was above four of the last 5-years for the week. The stock draw of -5 Bcf in the Producing Region was below the mid range.

Cooling degree days were +36% above normal in the East Region, +6% above normal in the West Region and +23% above normal in the Producing Region for the week ending 30Jul11.

**Heating degree days** were +28% above normal for the week ended 30Jul11, and forecast to be +33% above normal for the week ending 06Aug11.

The 6-10 day NWS forecast for the

Related Web Sites:
Data Source is EIA Weekly Statistics

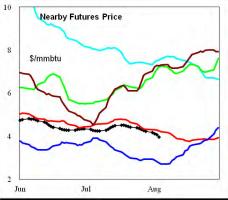
National Weather Service 6-10 Day

National Weather Service 10-14 Day

week ending 13Aug11 is for much above normal temperatures across the southern 1/2 of the country, and cooler than normal across the northern 1/2 of the country.

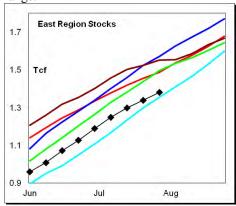
The 8-14 day NWS forecast for the week ending 17Aug11 is for above normal cooling degree days across the southern 1/2 half of the country, and near normal across the northern 1/2 and western states.

Prices: Nearby gas futures prices decreased -\$0.28/mmbtu for the week ending 04Aug11. Price levels ended the week below last year at this time.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve trended lower for the week ending 04Aug11. The spread ended the week nearly flat across the curve.

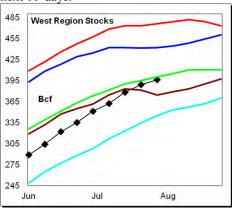
**East Region** stocks increased +42 Bcf last week, a level below the mid range. The latest 4-wk stock build remains below the mid range for this time of year. Stock levels were at the low end of the historic range.



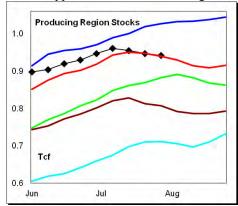
Cooling degree days in the region were +36% above normal for the week ending 30Jul11, and forecast to be +38% above normal for the week ending 06Aug11. Much above normal cooling degree days are forecast for the next 10-days.

West Region stocks increased +7 Bcf on the week, a level that was above four of the last 5-years for the week. Stock levels ended the week near the mid range. The latest 4-wk stock build matched the historic high for this time of year.

Cooling degree days were +23% above normal for the week ending 30Jul11, and forecast to be +31% above normal for the week ending 06Aug11. Below normal cooling degree days are forecast for the next 10-days.



Producing Region stocks experienced a draw of -5 Bcf on the week, a level below the mid range for the period. The monthly stock build was also a record low for the period. Stock levels match a year ago, and the upper end of the historic range.



Cooling degree days were +23% above normal for the week ending 30Jull11, and forecast to be +31% above normal for the week ending 06Aug11. Much above normal cooling 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: Cooling degree days continue to match record highs, on exceptionally high levels in the Producing Region. In the absence of hurricane disruptions, expect continued price weakness on slower global growth, high production and weak domestic demand.



# NATURAL GAS: Graph Link and Weekly Summary

Report prepared as of: August 4, 2011 For the week ending: 29-Jul-11

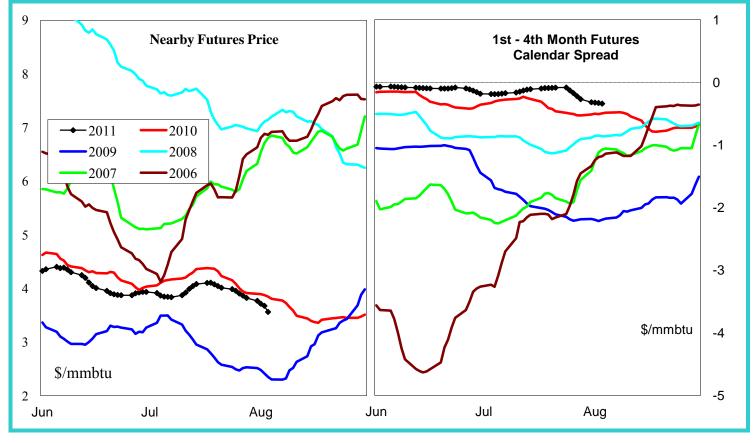
Weekly Trends in Stocks and Cooling Degree Days for the week ending:											
Week ending:	29-Jul-11			23-Jul-11		30-Jul-11		6-Aug-11			
Weekly Stocks					Weekly Cooling Degree Days						
Region		Change v	vs prior:	Change vs	% of	Change vs	% of	Change vs	% of		
	Bcf	Week Bcf	Year (%)	prior week	normal	prior week	normal	prior week	normal		
U.S. Total	2,758	44	-6.3	23	41%	-9	28%	2	33%		
East	1,380	42	-7.3	33	61%	-18	36%	-2	38%		
West	396	7	-16.8	16	1%	4	6%	7	23%		
Producing	982	-5	0.2	-3	22%	2	23%	9	31%		

Seasonal Trends in Stocks and Cooling Degree Days
Cumulative Stock change Cumulative Cooling Deg

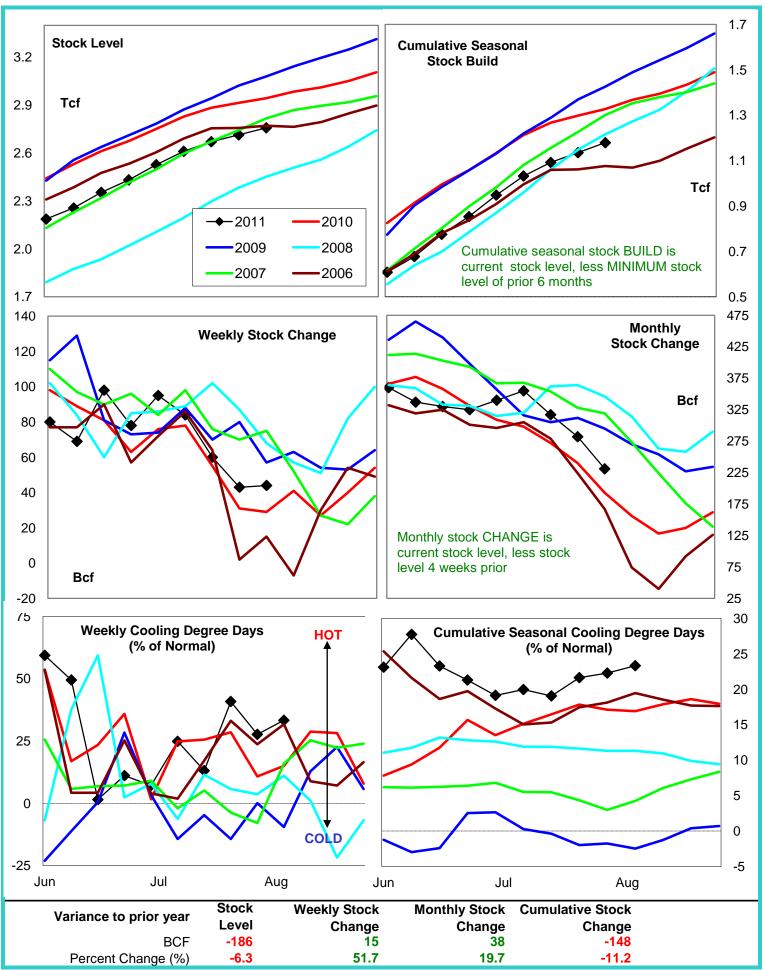
	Cumulative Stock change			Cumulative Cooling Degree Days						
		Change vs	prior year	CCDD's vs	% of	CCDD's vs	% of	CCDD's vs	% of	
	Bcf	Bcf	%	normal	normal	normal	normal	normal	normal	
U.S. Total	1,179	-148	-12.6	138	22%	159	22%	184	23%	
East	764	26	3.4	378	29%	405	29%	443	30%	
West	180	-12	-6.7	-82	-18%	-78	-16%	-66	-12%	
Producing	295	-132	-44.7	378	32%	405	32%	443	32%	

#### **Futures Market Price Trends**

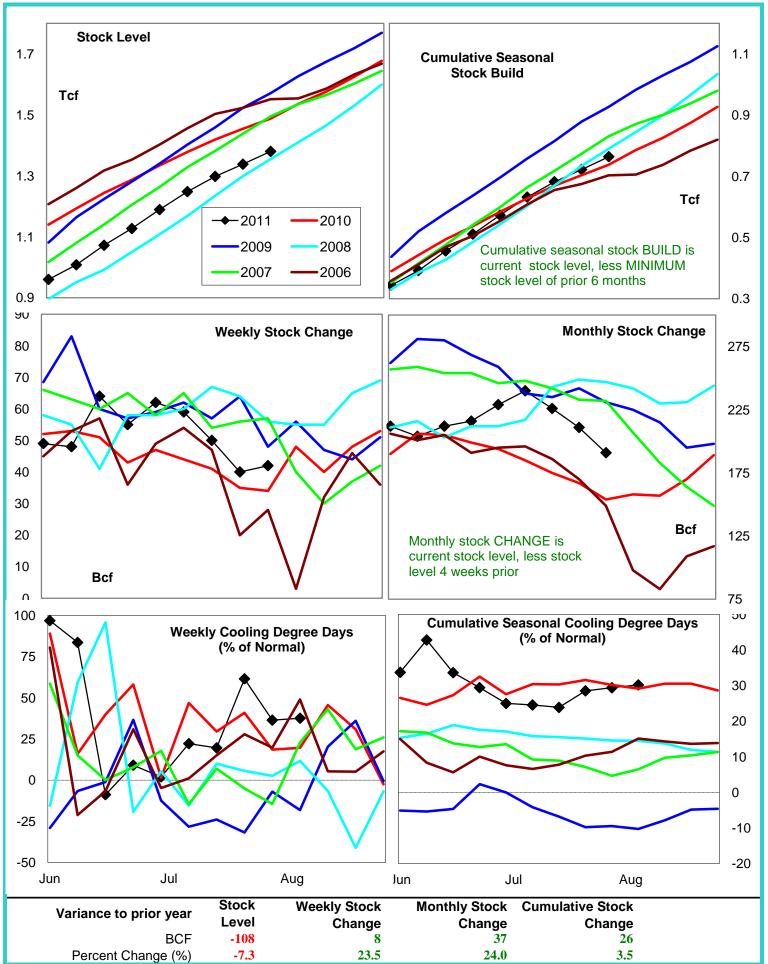
Date:	4-Aug-11	Change vs prior week, month, year				
Date.	4-Aug-11	28-Jul-11	7-Jul-11	26-Jul-10		
1st month						
Futures	3.96	-0.19	-0.25	-0.28		
% change	XXXXX	-4.6	-5.9	-6.6		



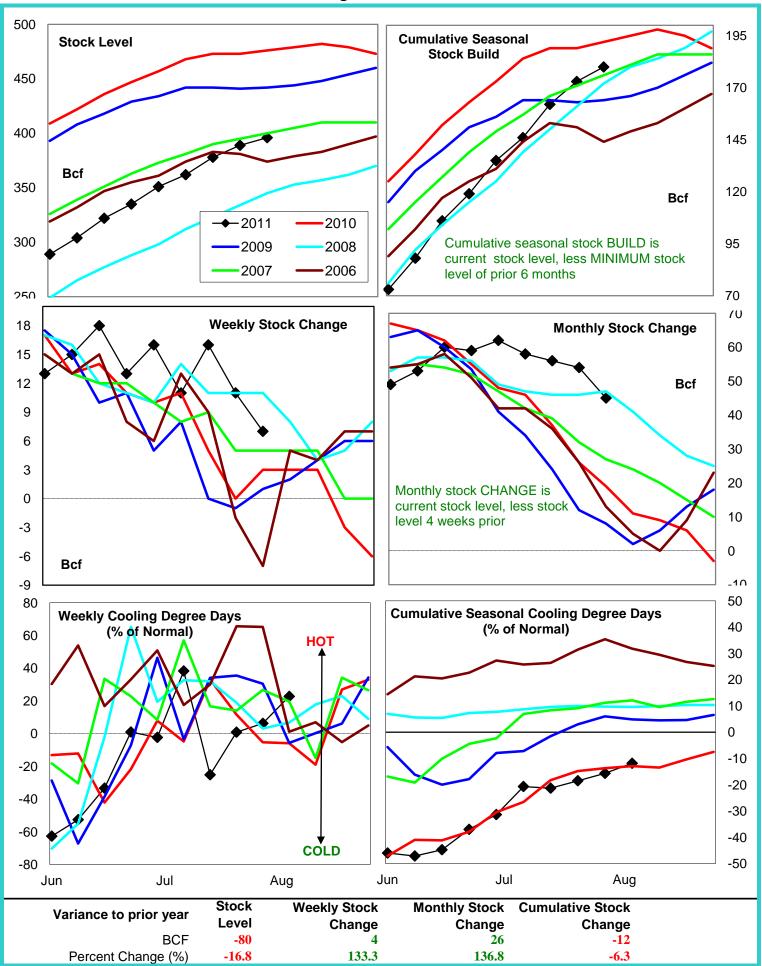
#### **United States Natural Gas Stock and Weather Trends**



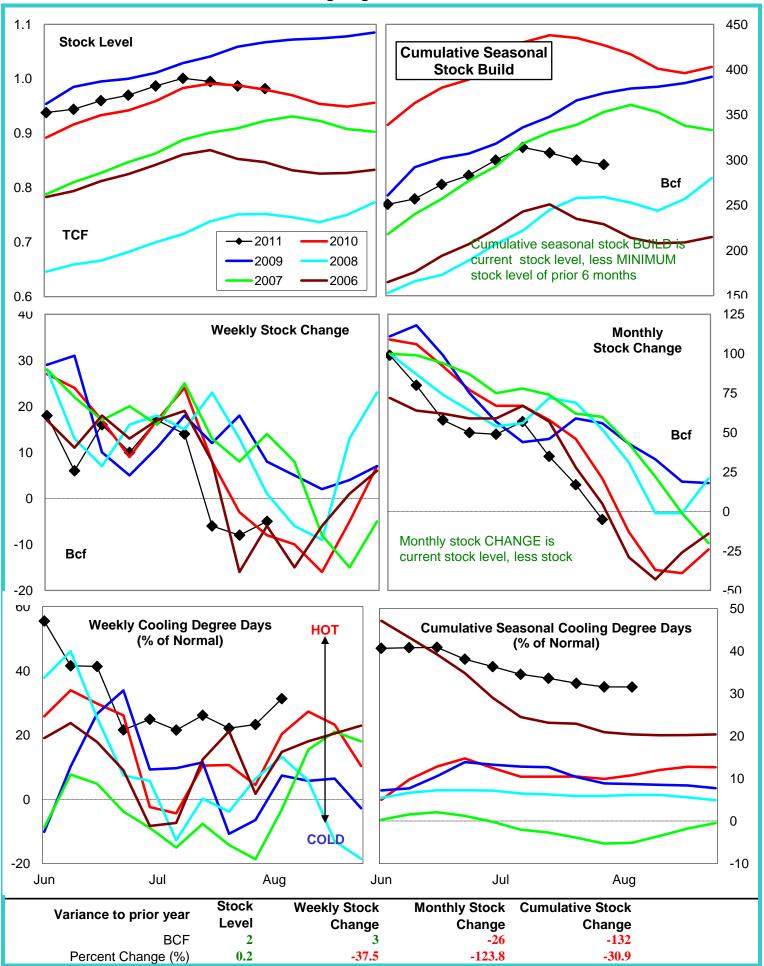
# **Natural Gas East Region Stock and Weather Trends**



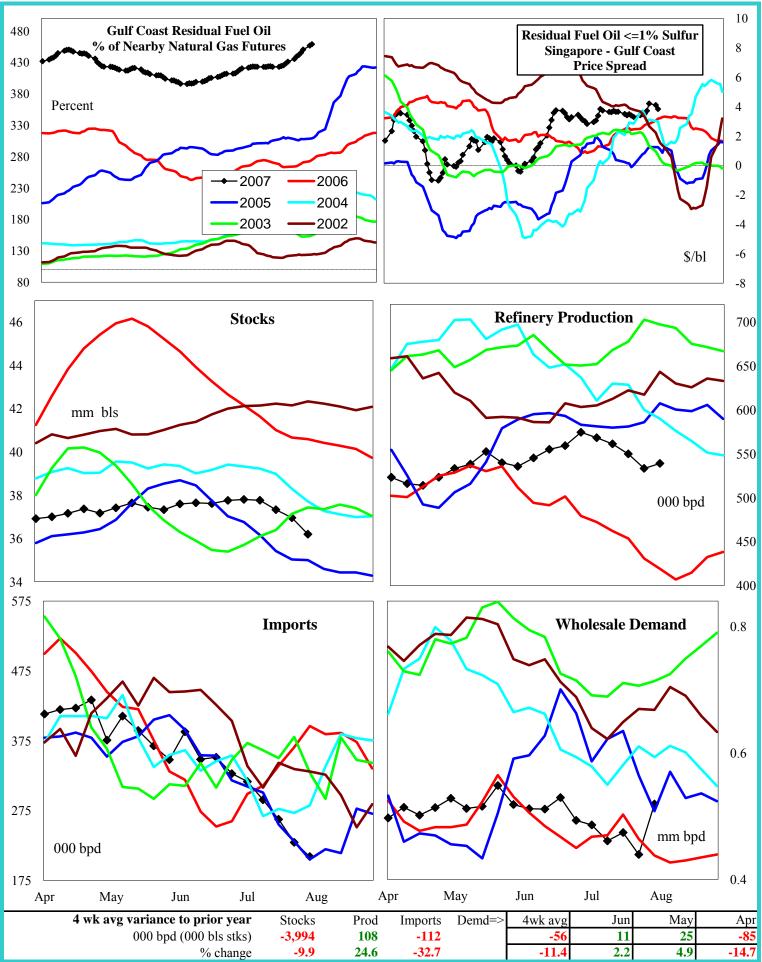
#### **Natural Gas West Region Stock and Weather Trends**



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

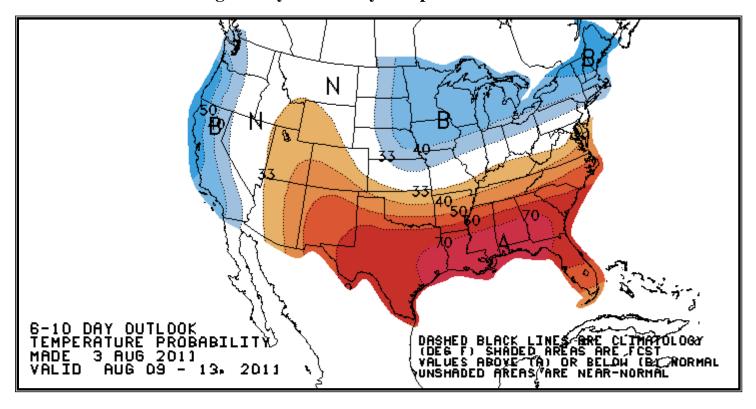


#### **U.S. Residual Fuel Oil Price Spreads and Supply Balance**



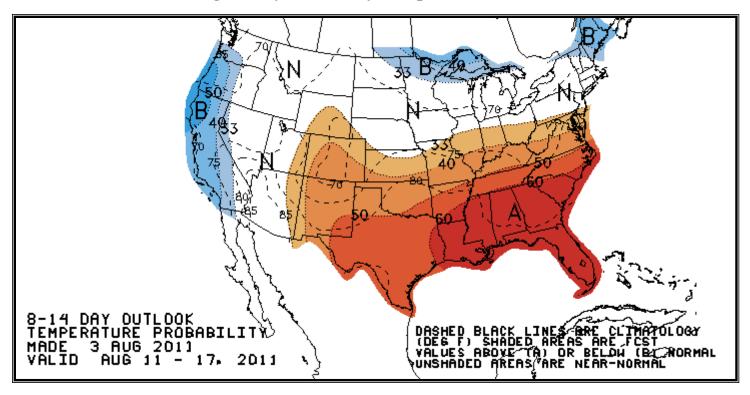
### **National Weather Service Climate Prediction Center**

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



# **National Weather Service Climate Prediction Center**

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



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