

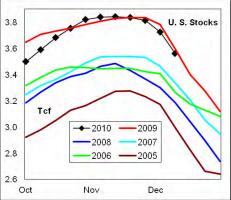
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

#### A Fundamental Petroleum Trends Weekly Report

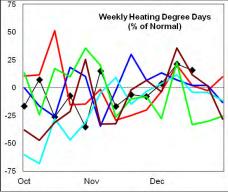
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, December 16, 2010



Summary <sup>1</sup> Stocks decreased -164 Bcf last week, the draw was above the mid range for the week. Stock levels were -1% below the high set in 2009 for the period.



Heating degree days were +21% above normal for the week ending 11Dec10.



In the East Region stocks decreased -111 Bcf for the period, a record draw for the week. Stocks decreased -11 Bcf in the West Region, matching the lowest draw of the last 5-years for this period. The stock draw of -42 Bcf in the Producing Region was less than the 5-year mid range for this week.

Heating degree days were +27% above normal in the East Region, -12% below normal in the West Region and +17% above normal in the Producing Region for the week ending 11Dec10.

**Heating degree days** were +21% above normal for the week ended 11Dec10, and are forecast to be +16% above normal for

1 Related Web Sites:

Data Source is EIA Weekly Statistics

National Weather Service 6-10 Day

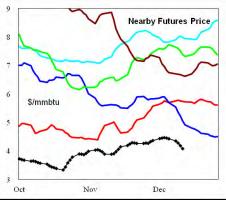
National Weather Service 10-14 Day

the week ending 18Dec10.

The 6-10 day NWS forecast for the week ending December 25th is for dramatically colder than normal temperatures in the south eastern 1/3rd of the country and much warmer than normal in the western 1/2 of the country.

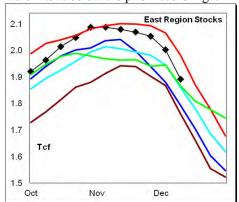
The 8-14 day NWS forecast for the week ending December 29th is for much warmer than normal temperatures in the western 2/3rds of the country and colder than normal in southeast states.

Prices: Nearby gas futures prices decreased -\$0.36/mmbtu for the week ending 16Dec10. Prompt month futures prices remain well below the 5-year range.



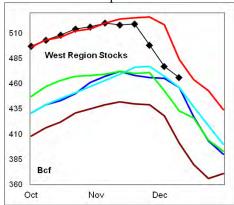
The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve traded lower last week ending 16Dec10. The spread is now flat, with the level matching the 5-year high for the period.

**East Region** stocks decreased -111 Bcf last week, a record draw for the week. The latest 4-wk stock draw was greater than the mid range for the last 5-years. Stock levels were -4.5% below the prior record high.



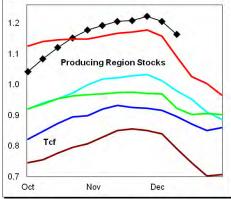
Heating degree days in the region are forecast to be +20% above normal for the week ending 18Dec10. Very high heating degree days are forecast for the next 10-days.

West Region stocks decreased -11 Bcf on the week, a draw that matched the lowest of the last 5-years for this period. Stock levels were -3.7% below the prior record high. The latest 4-wk stock draw was a record draw for the period.



Heating degree days are forecast to be -8% below normal for the week ending 18Dec10. Much warmer than normal temperatures are forecast for the next 10-days.

Producing Region stocks decreased -42 Bcf on the week, a draw which was less than the 5-year mid range for the period. The latest 4-wk stock draw was at the low end of the historic range. Stock levels were +6.5% above the prior 5-year high.



Heating degree days are forecast to be +10% above normal for the week ending 18Dec10. Colder than normal temperatures 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: The current cold snap in the southeastern states is forecast to moderate over the next 10-days, while the western 2/3rds of the country experiences a significant warming trend. These weather trends, combined with high stock levels should constrain gas prices through yearend.



# **NATURAL GAS: Graph Link and Weekly Summary**

Report prepared as of: December 16, 2010 For the week ending: 10-Dec-10

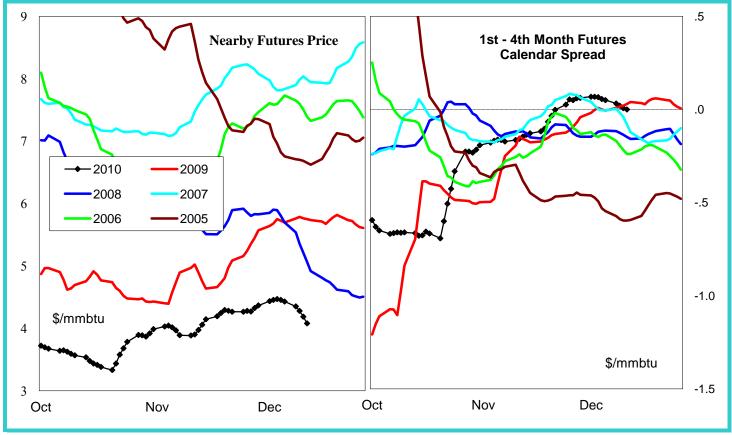
Weekly Trends in Stocks and Heating Degree Days for the week ending:										
Week ending:		10-Dec-10		4-Dec	:-10	11-Dec	:-10	18-Dec	:-10	
	W	eekly Stock	S		Weel	kly Heating I	Degree Da	ys		
Region		Change v	s prior:	Change vs	% of	Change vs	% of	Change vs	% of	
	Bcf	Week Bcf	Year (%)	prior week	normal	prior week	normal	prior week	normal	
U.S. Total	3,561	-164	-1.0	36	4%	50	21%	5	16%	
East	1,891	-111	-4.5	45	4%	66	27%	4	20%	
West	466	-11	-3.7	-26	7%	-24	-12%	15	-8%	
Producing	1,204	-42	6.5	40	-3%	38	17%	2	10%	

Seasonal Trends in Stocks and Heating Degree Days

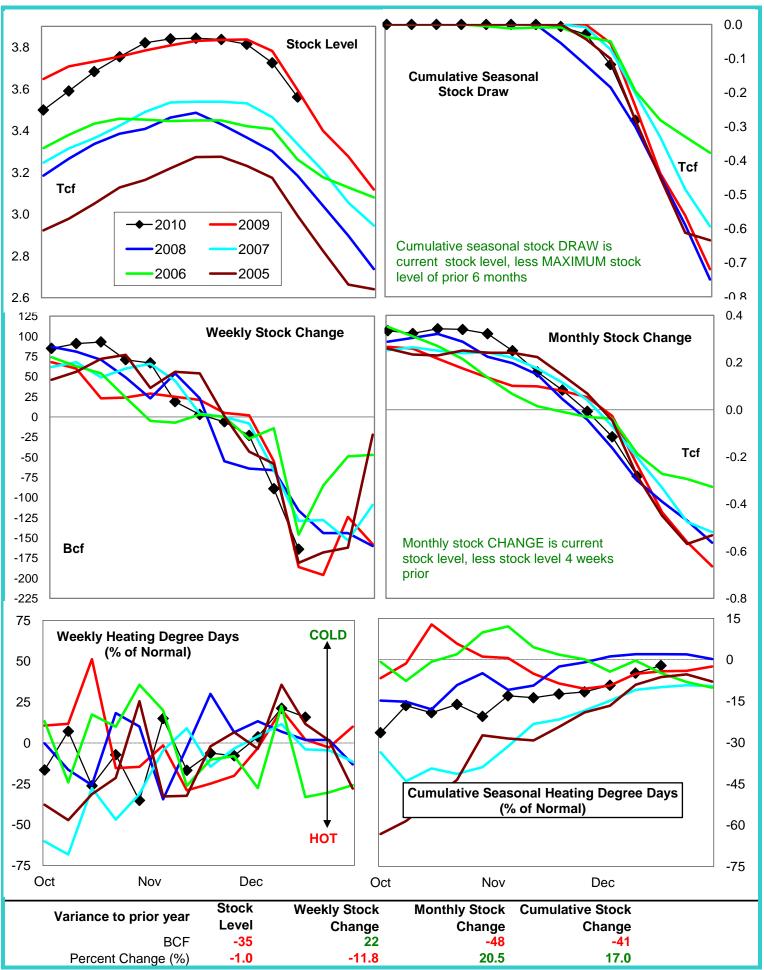
	Cumulative Stock Draw			Cumulative Heating Degree Days						
		Change vs	prior year	CHDD's vs	% of	CHDD's vs	% of	CHDD's vs	% of	
	Bcf	Bcf	%	normal	normal	normal	normal	normal	normal	
U.S. Total	-282	-41	14.5	186	-9.3	236	-4.9	241	-2.1	
East	-196	-77	39.3	204	-8.9	269	-3.8	273	-0.6	
West	-54	-12	22.2	196	-8.6	172	-9.0	186	-8.9	
Producing	-59	28	-47.5	119	-12.7	156	-7.4	159	-4.6	

**Futures Market Price Trends** 

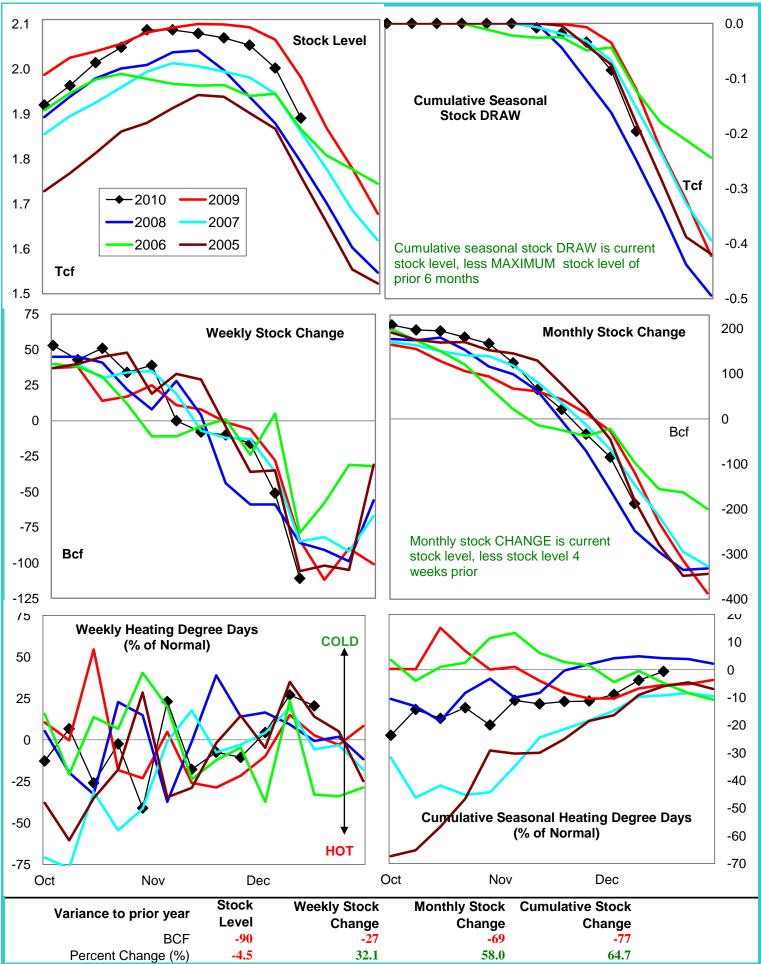
7 0.000 0 0 11100 1100 1					
Date:	31-Dec-10	Change vs prior week, month, year			
		27-Dec-10	6-Dec-10	31-Dec-09	
1st month					
Futures	4.08	-0.34	-0.08	-1.63	
% change	xxxxx	-7.7	-1.9	-28.5	



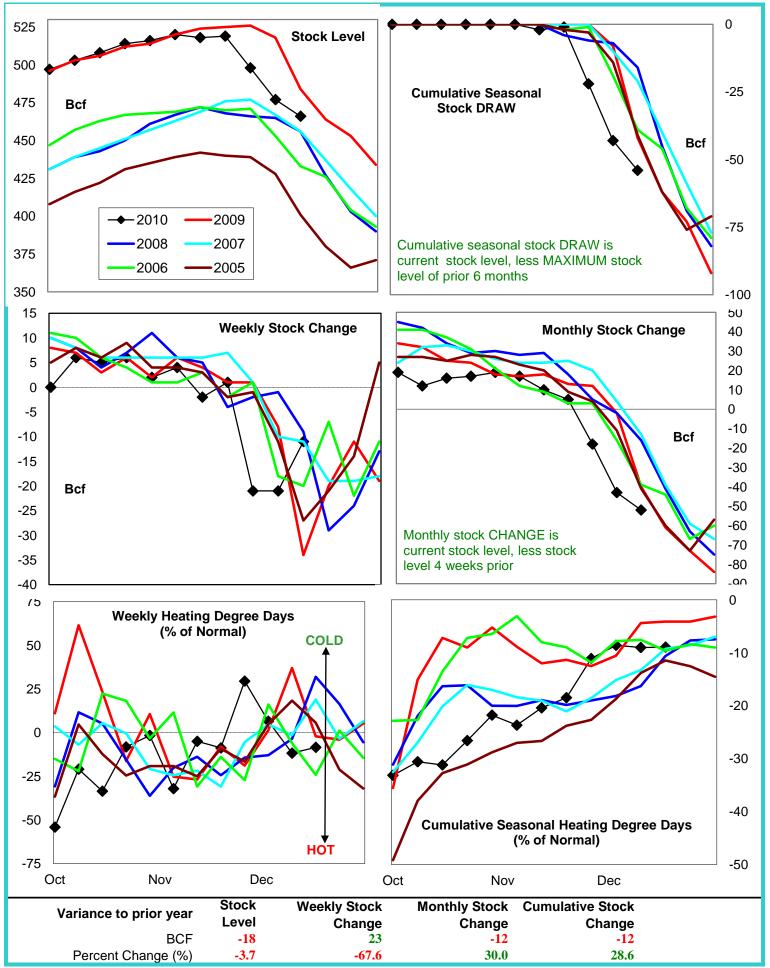
#### **United States Natural Gas Stock and Weather Trends**



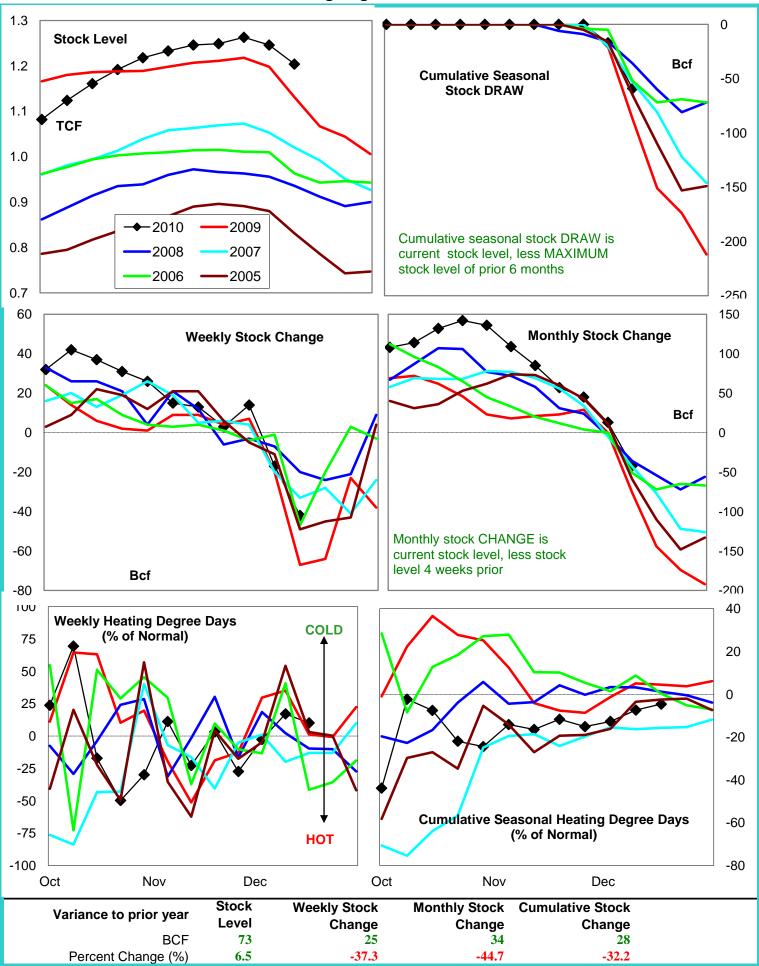
### **Natural Gas East Region Stock and Weather Trends**



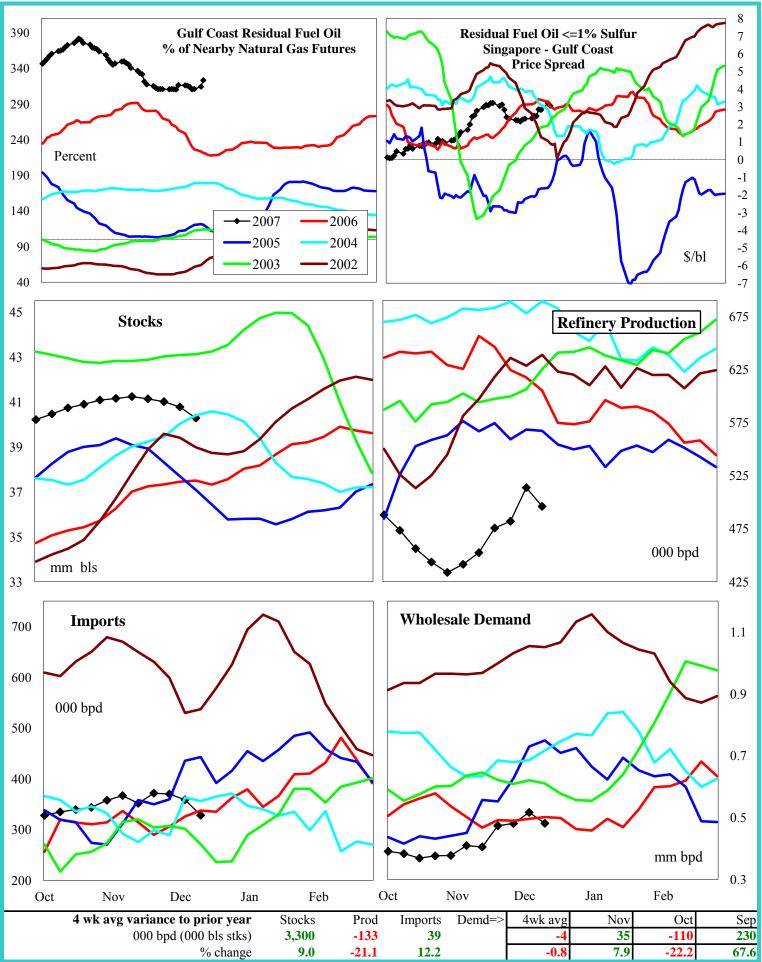
### **Natural Gas West Region Stock and Weather Trends**



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

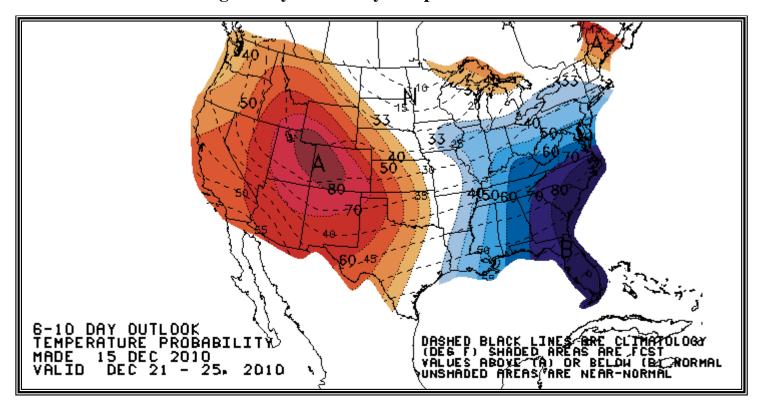


## **U.S. Residual Fuel Oil Price Spreads and Supply Balance**



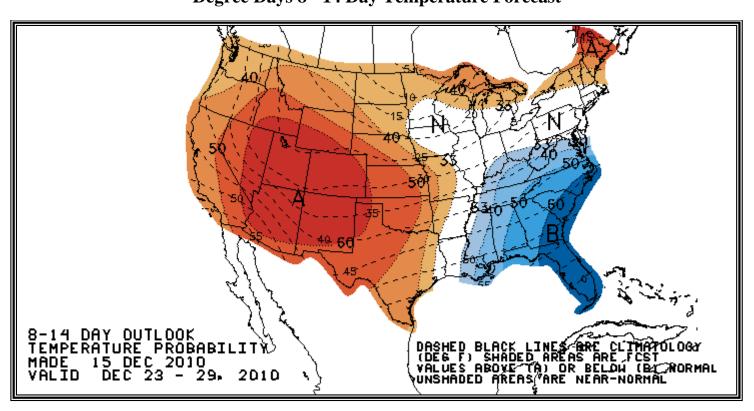
### **National Weather Service Climate Prediction Center**

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



National Weather Service Climate Prediction Center

Degree Days 8 - 14 Day Temperature Forecast



www.fundamentalpetroleumtrends.com 12/16/2010

