

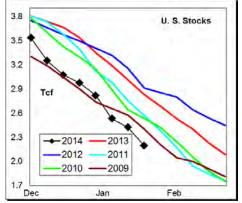
#### WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

A Fundamental Petroleum Trends Weekly Report

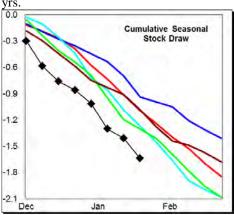
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, January 30, 2014



Summary <sup>1</sup> The stock draw of -230 Bcf for the week matched the 5-yr record.



The latest 4-wk stock change was a draw of -761 Bcf, larger than four of the last 5-



In the East Region stocks decreased -124 Bcf for the week, a larger draw than the 3-yr mid range. Stocks decreased -22 Bcf in the West Region, a draw that matched the 3-yr mid range. Stocks decreased -84 Bcf on the week in the Producing region, a record draw for the period.

**Heating degree days** were much above normal in regions East of the Rockies for the week ending 24Jan14.

The 6-10 day NWS forecast for the week ending 08Feb14 is for very high heating degree days across the country, except the southeast and southwest.

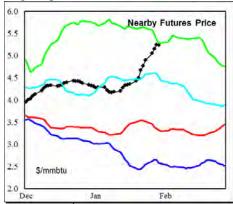
The 8-14 day NWS forecast for the week ending 12Feb14 is for much above normal heating degree days across the

Related Web Sites:
Data Source is EIA Weekly Statistics

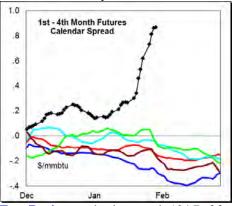
National Weather Service 6-10 Day

National Weather Service 10-14 Day

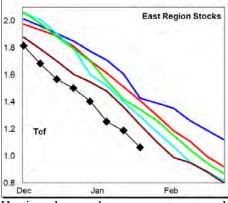
country except the southwest and Florida. Prices: Nearby gas futures spiked +\$0.51/mmbtu for the week ending 30Jan14. Extremely high heating degree days across much of the country led to the surge in prices last week.



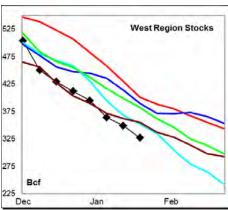
The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve spiked higher last week, driven by the extremely high heating degree days across much of the country.



East Region stocks decreased -124 Bcf for the week, a larger draw than the 3-yr mid range. The current stock level is -25% below last years' record high; and below the 5-yr range.

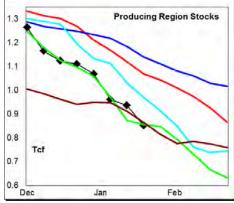


Heating degree days were at extremely high levels last week, and forecast to remain extremely high over the next 10-days.



West Region stocks decreased -22 Bcf last week, a draw that matched the 3-yr mid range. Stock levels ended the week -19% below last years' record high, and below the 5-yr range. Heating degree days are forecast to be near normal for the next 10-days.

Producing Region stocks declined -84 Bcf for the week, a record low draw for the week. Stock levels ended the week -21% below last year, matching 5-yr lows.



Above normal heating degree days are forecast for the next 10-days in the region. Residual Fuel Oil Switching: The price spread between fuel oil and natural gas may favor residual fuel in some local eastern markets where pipeline capacity constraints exist.

**Outlook**: Look for extremely high stock draws to be reported through mid February.

Very high heating degree days are forecast to extend to mid month. The large snowpack should lead to below average temperatures in key heating markets over the next 30-days – driving very high stock draws. An extremely inverted forward price curve points to potential for a large price pull back on an end to winter heating demand.

# NATURAL GAS: Graph Link and Weekly Summary



Report prepared as of: January 30, 2014

For the week ending: 6-Jan-14

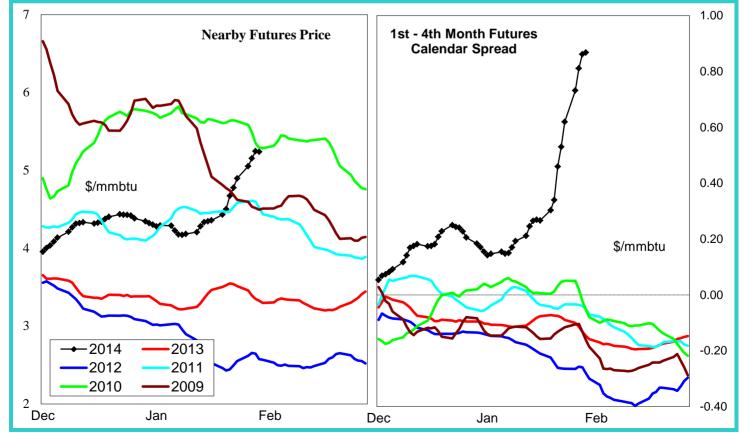
Weekly Trends in Stocks and Heating Degree Days for the week ending:											
Week ending:		6-Jan-14	·	15-Ju	n-13	22-Jur	n-13	29-Jun	n-13		
	Weekly Stocks			Weekly Heating Degree Days							
Region		Change v	s prior:	Change vs	% of	Change vs	% of	Change vs	% of		
	Bcf	Week Bcf	Year (%)	prior week	normal	prior week	normal	prior week	normal		
U.S. Total	2,193	-230	-22.5	-14	-45%	-2	-33%	-3	-77%		
East	1,063	-124	-24.6	-17	-39%	-2	-18%	-4	-74%		
West	327	-22	-18.5	-12	-58%	-2	-55%	-5	-78%		
Producing	803	-84	-21.3	-4	-100%	0	-100%	0	-100%		

Seasonal Trends in Stocks and Heating Degree Days

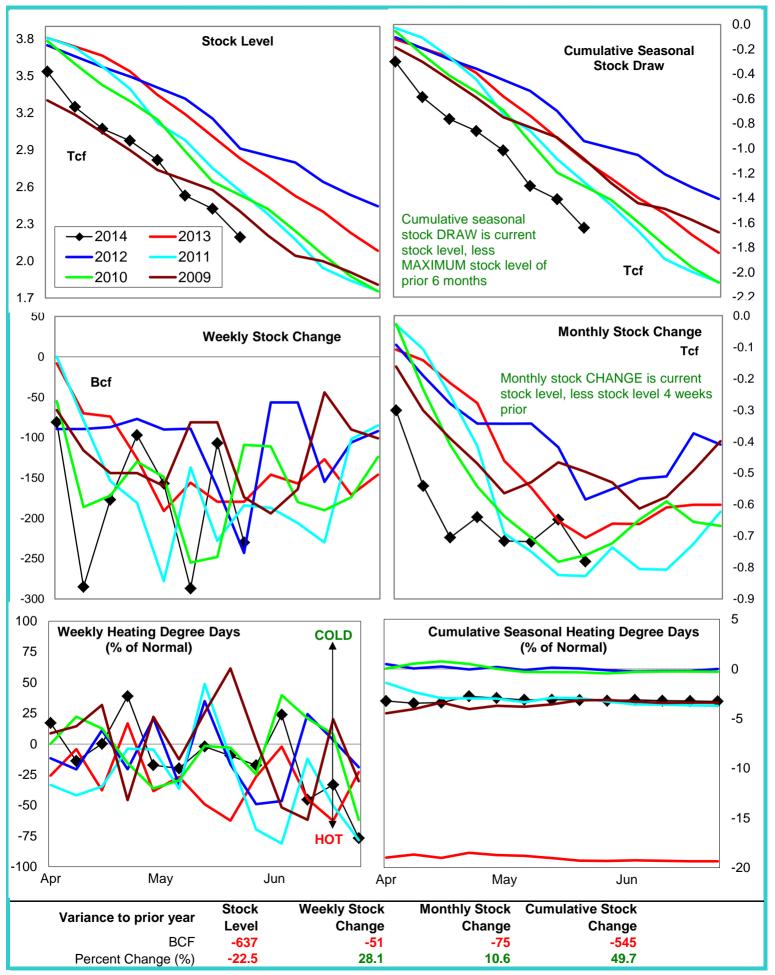
	Cumulative Stock Change			Cumulative Heating Degree Days						
		Change vs	prior year	CHDD's vs	% of	CHDD's vs	% of	CHDD's vs	% of	
	Bcf	Bcf	%	normal	normal	normal	normal	normal	normal	
U.S. Total	-1,641	-545	33.2	6	-3.2	4	-3.2	1	-3.3	
East	-921	-235	25.5	6	-2.9	4	-2.9	1	-2.9	
West	-228	-78	34.2	10	-4.6	8	-4.7	3	-4.9	
Producing	-494	-227	46.0	0	-4.0	0	-4.1	0	-4.1	

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

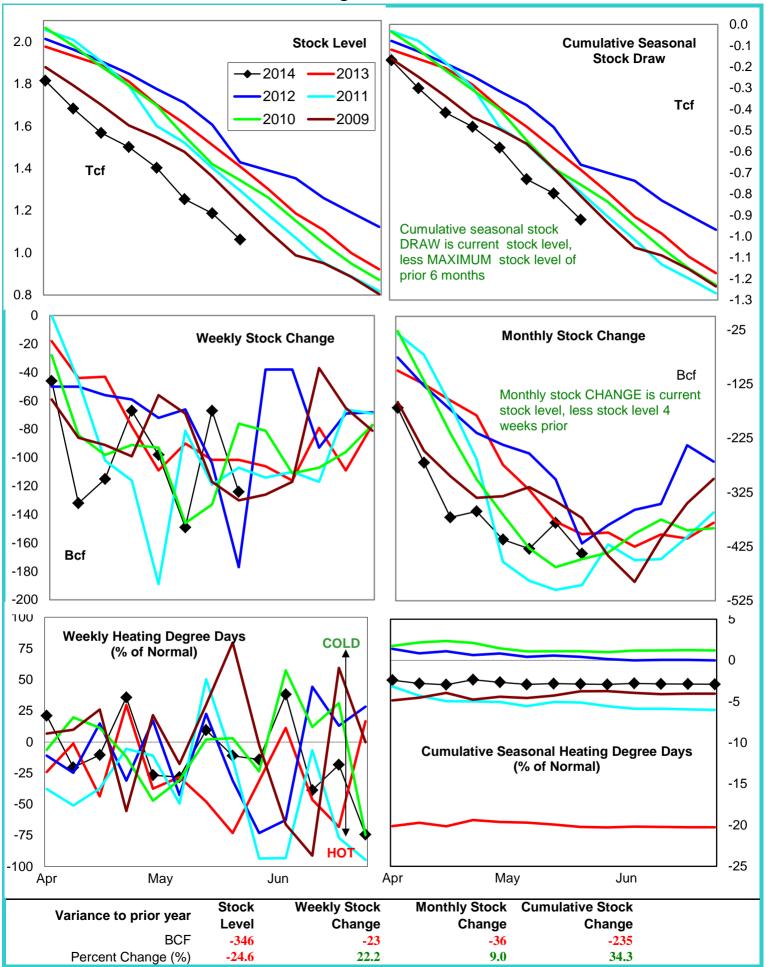
Date:	30-Jan-14	Change vs prior week, month, year				
Date.	50-Jan-14	24-Jan-14	3-Jan-14	8-Feb-13		
1st month						
Futures	5.24	0.06	0.93	2.01		
% change	XXXXX	1.1	21.7	62.2		



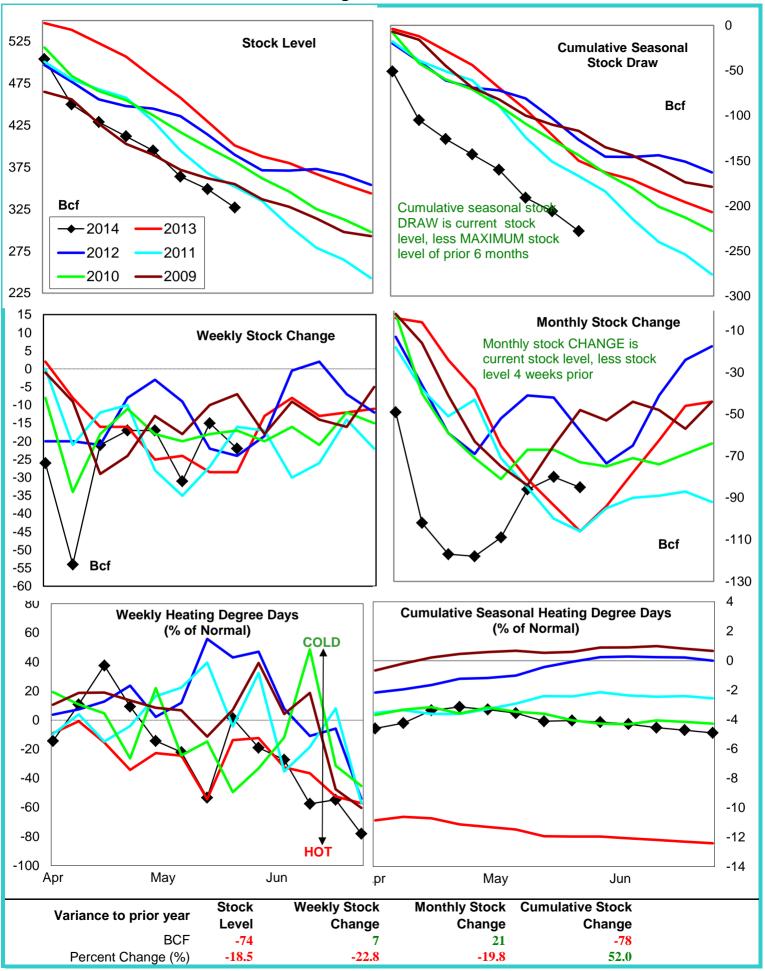
#### **United States Natural Gas Stock and Weather Trends**



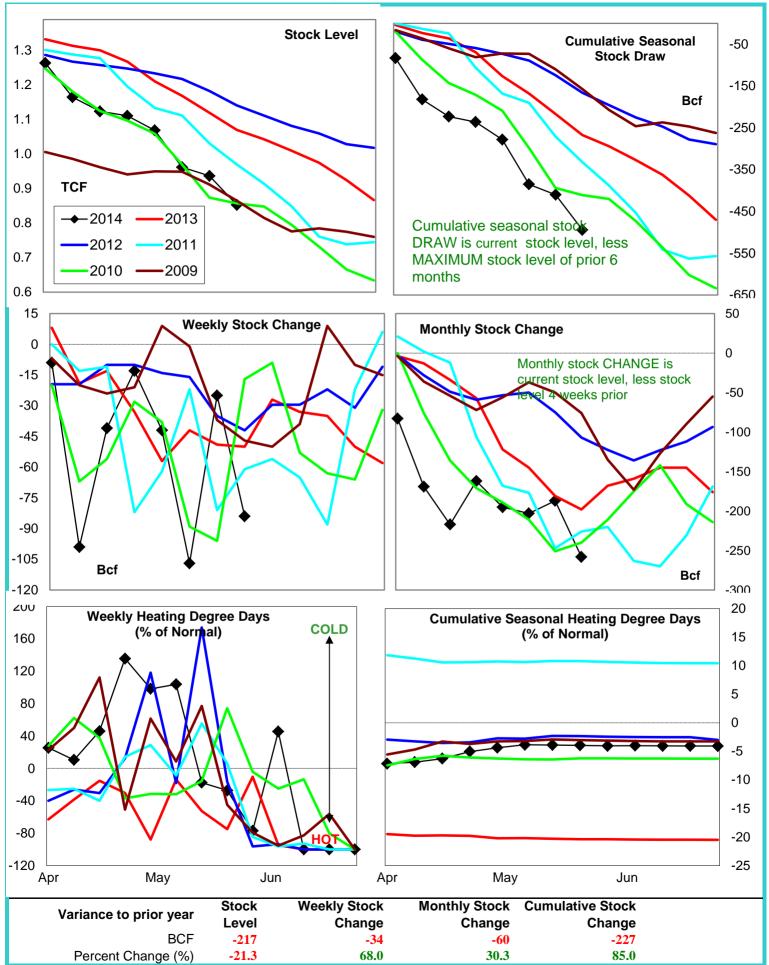
## **Natural Gas East Region Stock and Weather Trends**



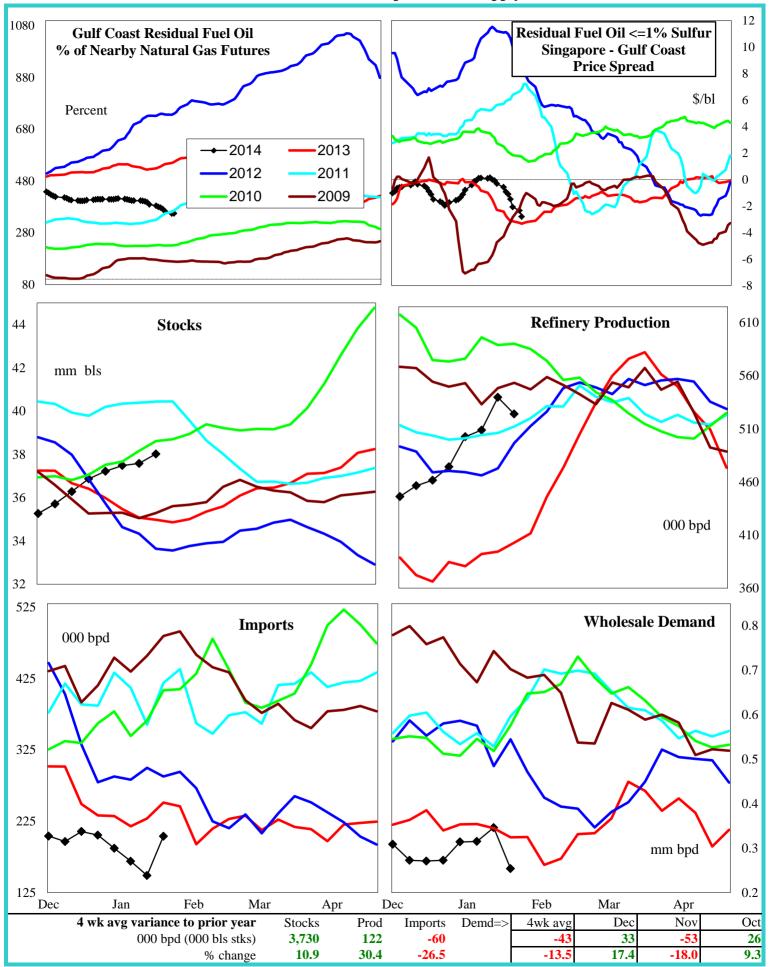
## Natural Gas West Region Stock and Weather Trends



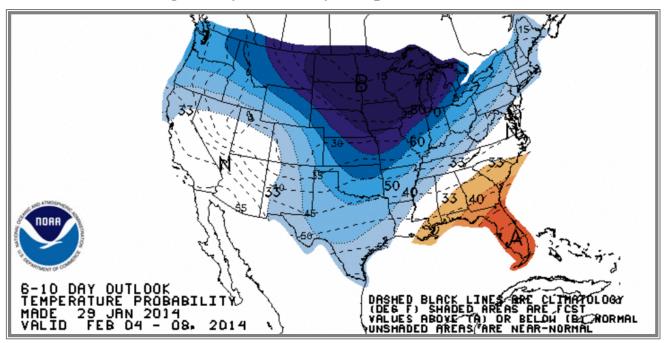
## Natural Gas Producing Region Stock and Weather Trends



### 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

