

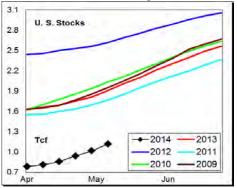
## WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

A Fundamental Petroleum Trends Weekly Report

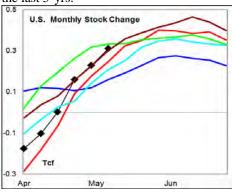
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Tuesday, May 20, 2014



Summary <sup>1</sup> The stock build of +105 Bcf last week was a record for the period. The build includes an 8 Bcf reclassification of stocks from base to working stocks.



The latest 4-wk stock change was a build of +300 Bcf, a build greater than four of the last 5-yrs.



In the East Region stocks increased +60 Bcf for the week, matching the 5-yr high for the period. Stocks increased +16 Bcf in the West Region, also a record build for the period. Stocks increased +29 Bcf on the week in the Producing region, a build near the historic high for the period.

Note: heating degree charts in the report are not current with data under revision.

**Temperatures** were below normal East of the Rockies for the week ending 19May14.

The 6-10 day NWS forecast for the week ending 29May14 is for sharply above normal temperatures across the entire country except the south central region.

The 8-14 day NWS forecast for the

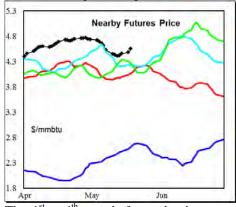
Related Web Sites:
Data Source is EIA Weekly Statistics

National Weather Service 6-10 Day

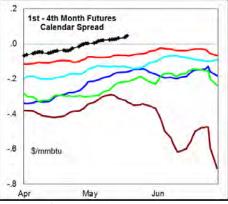
National Weather Service 10-14 Day

week ending 02Jun14 is for above normal temperatures across nearly the entire country except the Gulf coast region.

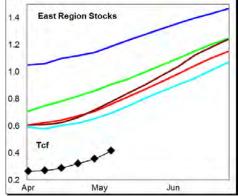
Prices: Nearby gas futures increased +\$0.19/mmbtu for the week ending 20May14. The outlook for much above normal temperatures, driving increased demand for electric power generation, underlies the uptrend in price.



The 1<sup>st</sup> – 4<sup>th</sup> month forward price curve trended higher last week, ending in an inversion, this compares to a 'carry' market in each of the last 5-yrs for the period.

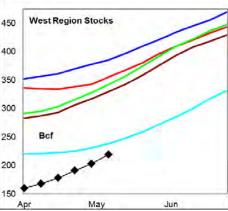


**East Region** stocks increased +60 Bcf for the week, matching he 5-yr high for the period. *The current stock level is -43% below last year, and below the 5-yr range.* 



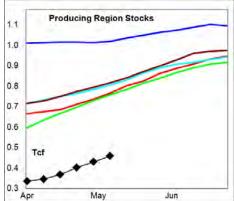
Temperatures were below normal in the

week just ended, with a forecast to be well above normal for the next 10-days.



West Region stocks increased +16 Bcf last week, a record build for the period. Stock levels ended the week -38% below last year, and below the 5-yr range. Temperatures are forecast to be above normal for the next 10-days, increasing gas demand for electric power.

Producing Region stocks increased +29 Bcf for the week, a build near the historic high for the period. Stock levels ended the week -39% below last year, and below the 5-yr range.



Temperatures are forecast to be well above normal for the next 10-days in the region.

Residual Fuel Oil Switching: The price spread between fuel oil and natural gas favors natural gas use.

Outlook: The current forecast of much above normal temperatures during the next 10-days should lift demand for electric power generation. The inverted forward price curve reflects strong prompt demand, and reduces the economics of filling seasonal storage. Look for price strength in low stock levels and rising summer demand.

# NATURAL GAS: Graph Link and Weekly Summary



Report prepared as of: May 20, 2014

For the week ending: 9-May-14

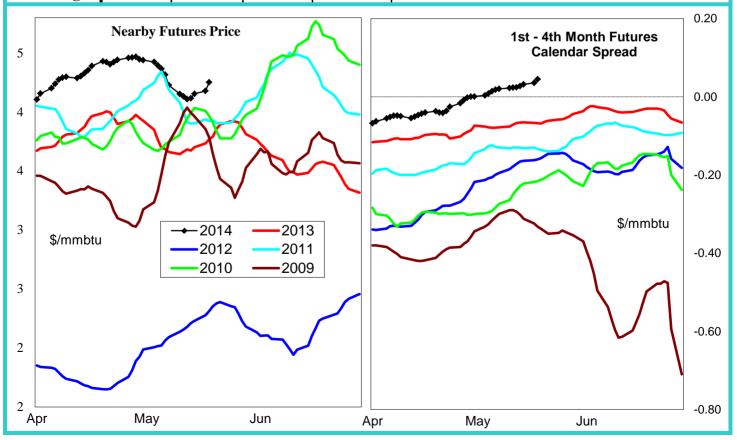
V	veekiy ir	enas in Si	ocks and	i Heating L	egree Da	ays for the	week en	aing:	
Week ending:		9-May-14		15-Ju	n-13	22-Jur	n-13	3 29-Jun-	
	W	eekly Stock	KS		Weel	kly Heating I	Degree Da	ys	
Region		Change	vs prior:	Change vs	% of	Change vs	% of	Change vs	% of
	Bcf	Week Bcf	Year (%)	prior week	normal	prior week	normal	prior week	normal
U.S. Total	1,160	105	-40.5	-14	-45%	-2	-33%	-3	-77%
East	457	60	-43.1	-17	-39%	-2	-18%	-4	-74%
West	219	16	-38.3	-12	-58%	-2	-55%	-5	<b>-78</b> %
Producing	484	29	-38.9	-4	-100%	0	-100%	0	-100%
		<b>.</b>		04	1 1 1 2 2 1				

#### Seasonal Trends in Stocks and Heating Degree Days

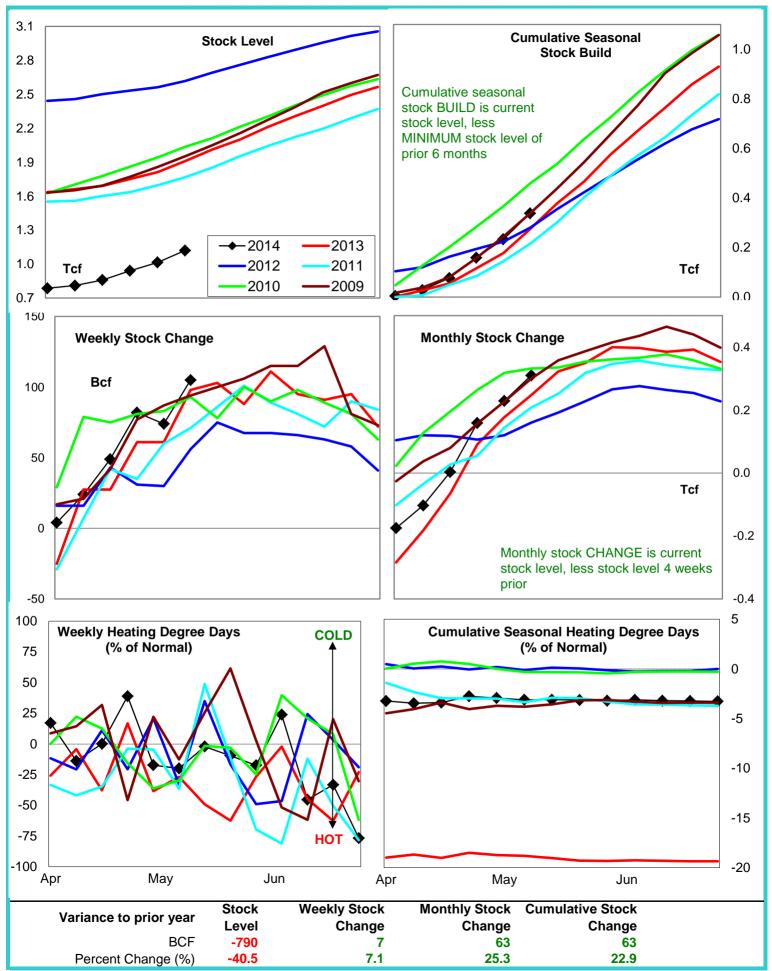
	Cumula	ative Stock	Change		Cumul	ative Heating	g Degree I	Days	
		Change vs	prior year	CHDD's vs	% of	CHDD's vs	% of	CHDD's vs	% of
	Bcf	Bcf	%	normal	normal	normal	normal	normal	normal
U.S. Total	338	63	18.6	6	-3.2	4	-3.2	1	-3.3
East	152	-3	-2.0	6	-2.9	4	-2.9	1	-2.9
West	59	35	59.3	10	-4.6	8	-4.7	3	-4.9
Producing	132	31	23.5	0	-4.0	0	-4.1	0	-4.1

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

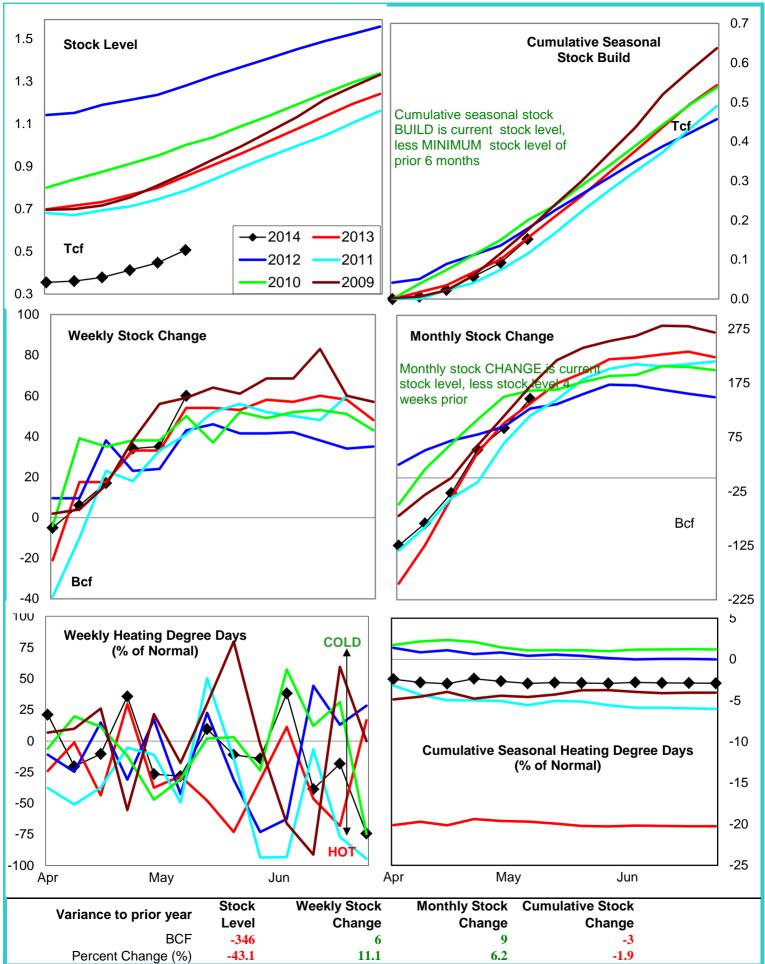
Date:	30-Jun-14	Change vs prior week, month, year				
		24-Jun-14	3-Jun-14	9-Jul-13		
1st month						
Futures	4.55	0.19	-0.18	0.57		
% change	XXXXX	4.2	-3.8	14.3		



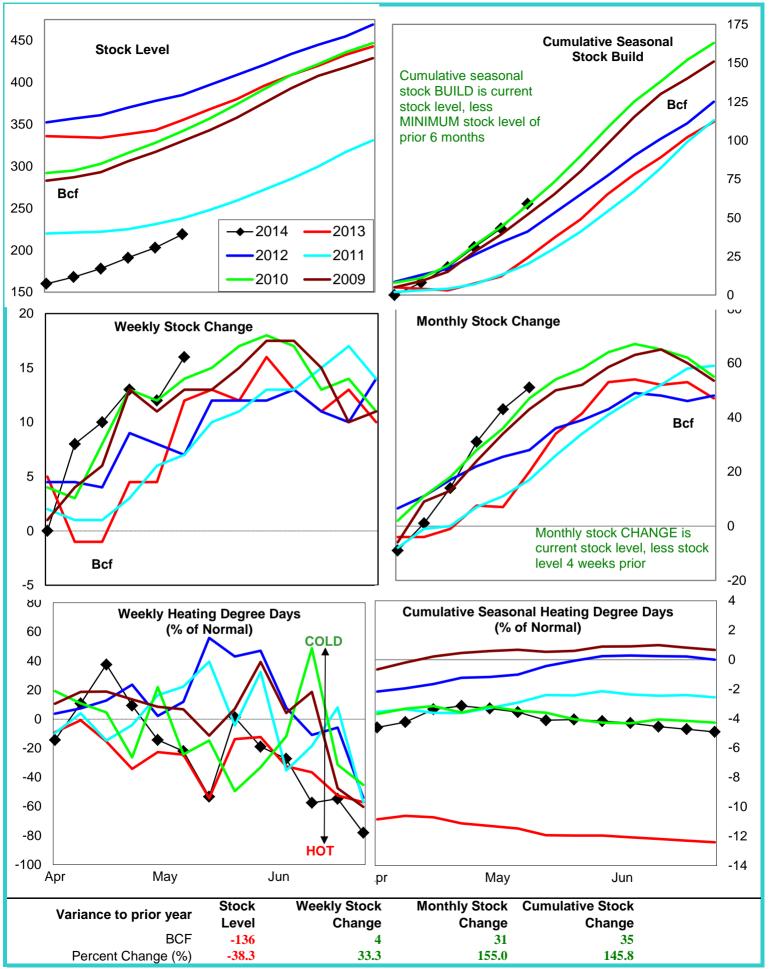
#### **United States Natural Gas Stock and Weather Trends**



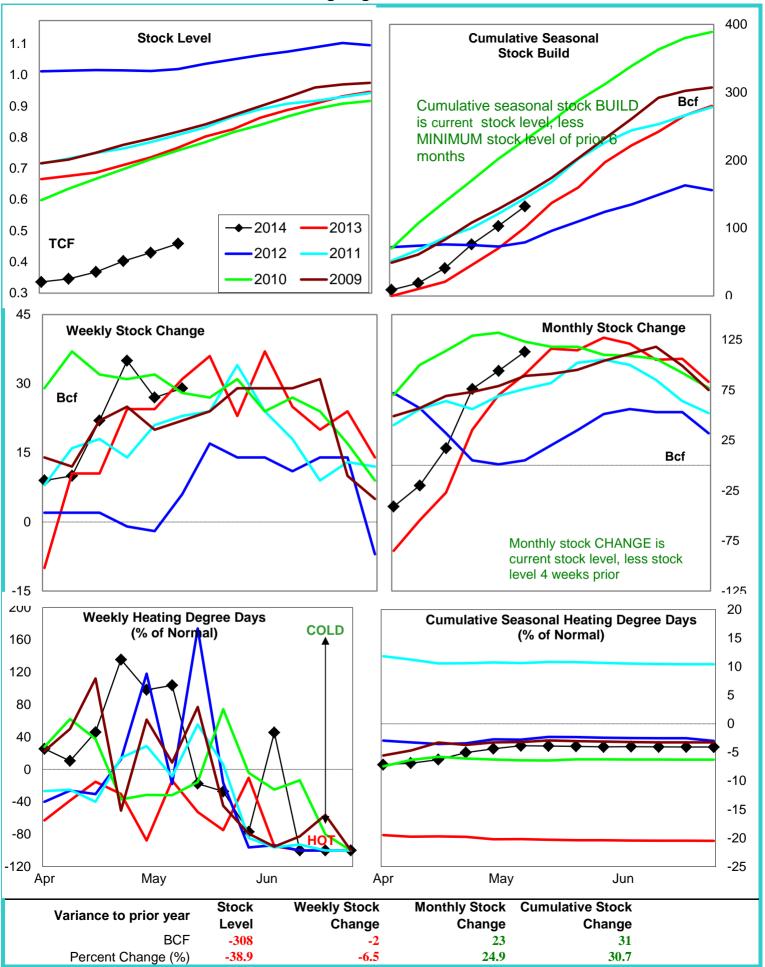
# **Natural Gas East Region Stock and Weather Trends**



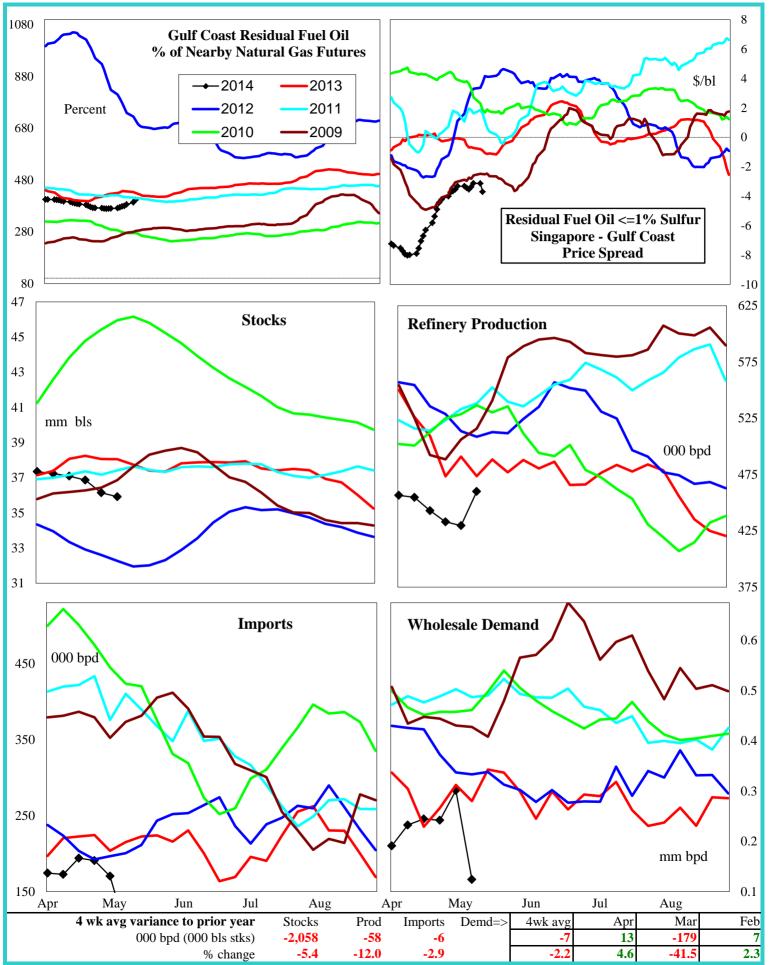
### **Natural Gas West Region Stock and Weather Trends**



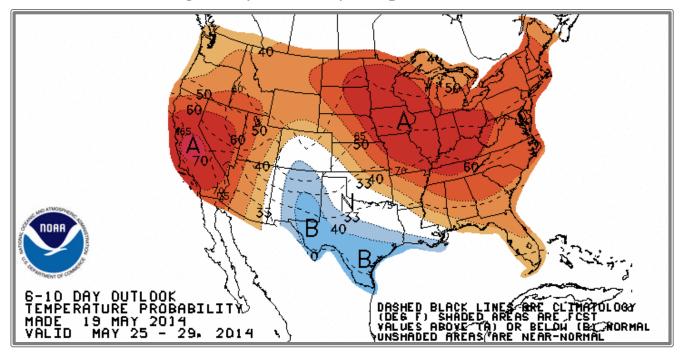
# Natural Gas Producing Region Stock and Weather Trends



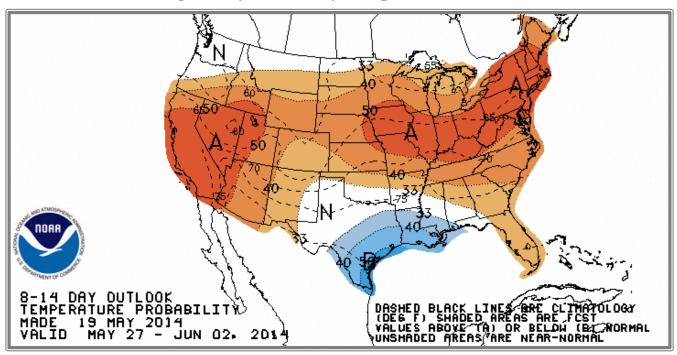
#### U.S. Residual Fuel Oil Price Spreads and Supply Balance



# 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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