



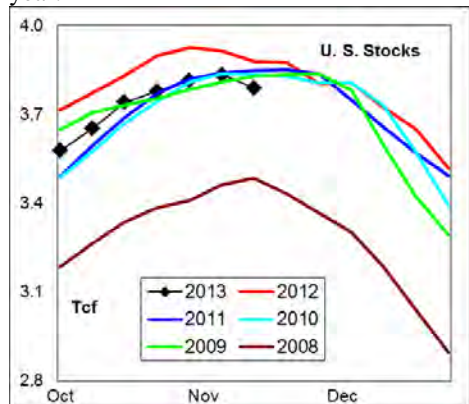
WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

A Fundamental Petroleum Trends Weekly Report

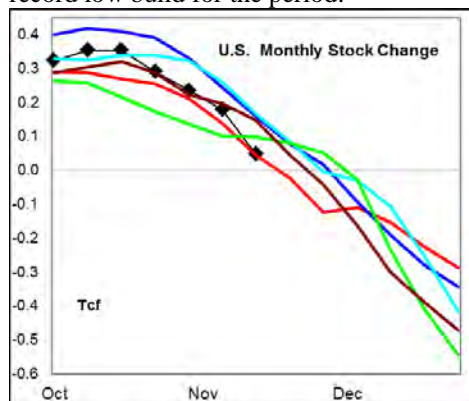
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Monday, November 25, 2013



Summary¹ The stock draw of -45 Bcf for the week was a record draw for this time of year.



The latest 4-wk stock change was a build of 48 Bcf, a level that matched last years' record low build for the period.



In the East Region stocks fell -31Bcf for the week, a record draw for this time of year. Stocks decreased -1 Bcf in the West Region, a level near the 3-yr average. Stocks were -13 Bcf lower on the week in the Producing region, also a record draw for the period.

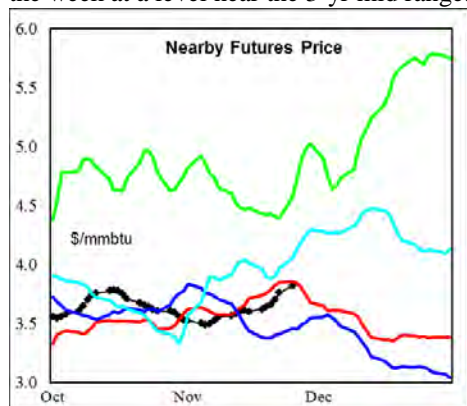
Heating degree days were much above normal across the eastern 2/3rds of the country last week.

The 6-10 day NWS forecast for the week ending 04Dec13 is for normal heating degree days across the mid section of the country and above normal in the eastern 1/3rd of the country.

The 8-14 day NWS forecast for the

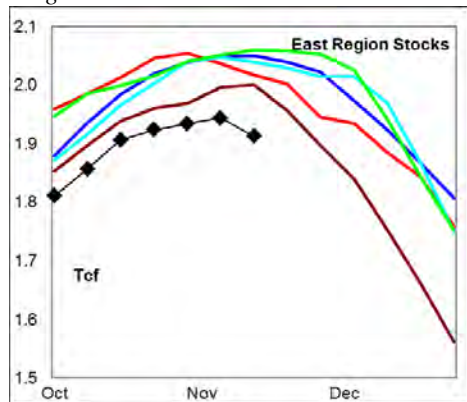
week ending 08Dec13 is for above normal heating degree days across nearly the entire country.

Prices: Nearby gas futures increased +\$0.20/MMBTU for the week ending 25Nov13. The current price level ended the week at a level near the 3-yr mid range.



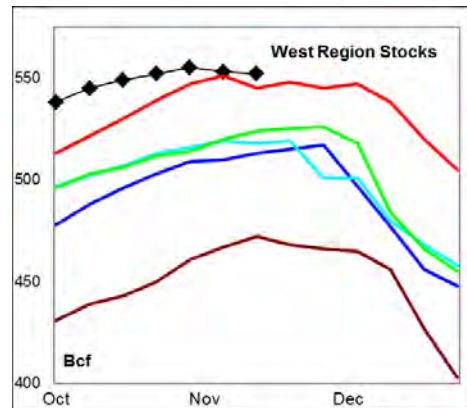
The 1st - 4th month forward price curve trended higher last week ending at record low 'carry' in the forward price curve.

East Region stocks fell -31 Bcf for the week, a record draw for the period. *The current stock level is -5.1% below last years' record high; and below the 5-yr range.*

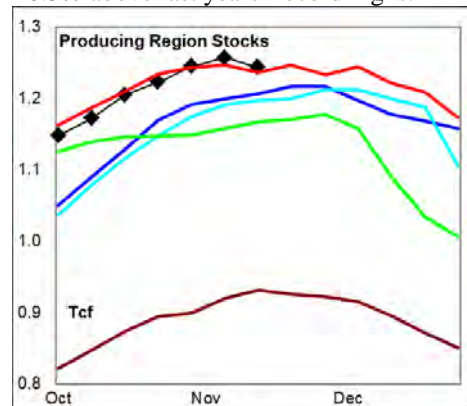


Heating degree days are forecast to be well above normal in the region for the next 10-days.

West Region stocks decreased -1 Bcf last week, near the average of the last 3-yrs. Stock levels ended the week +1.3% above last years' record high. Heating degree days are forecast to be slightly below normal for the next 10-days.



Producing Region stocks decreased -13 Bcf for the week, a record draw for the period. Stock levels ended the week +0.5% above last years' record highs.



Much 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 remains highly favorable for gas, with residual fuel demand -54% below last year.

Outlook: Heating degree days are forecast to be much above normal across nearly the entire country during the 1st week December.

Natural gas stock levels in the East region are below the 5-yr range, although other regions have stock levels above the 5-yr range. The monthly rate of stock building fell to match record lows on the recent cold weather trend.

With a forecast of continued above normal heating degree days across much of the country into early December, look for very high stock draws. Prices should break above the range in which they have traded since early July 2013.

¹ Related Web Sites:

[Data Source is EIA Weekly Statistics](#)

[National Weather Service 6-10 Day](#)

[National Weather Service 10-14 Day](#)

NATURAL GAS: Graph Link and Weekly Summary



Report prepared as of: November 25, 2013

For the week ending: 15-Nov-13

Weekly Trends in Stocks and Heating Degree Days for the week ending:

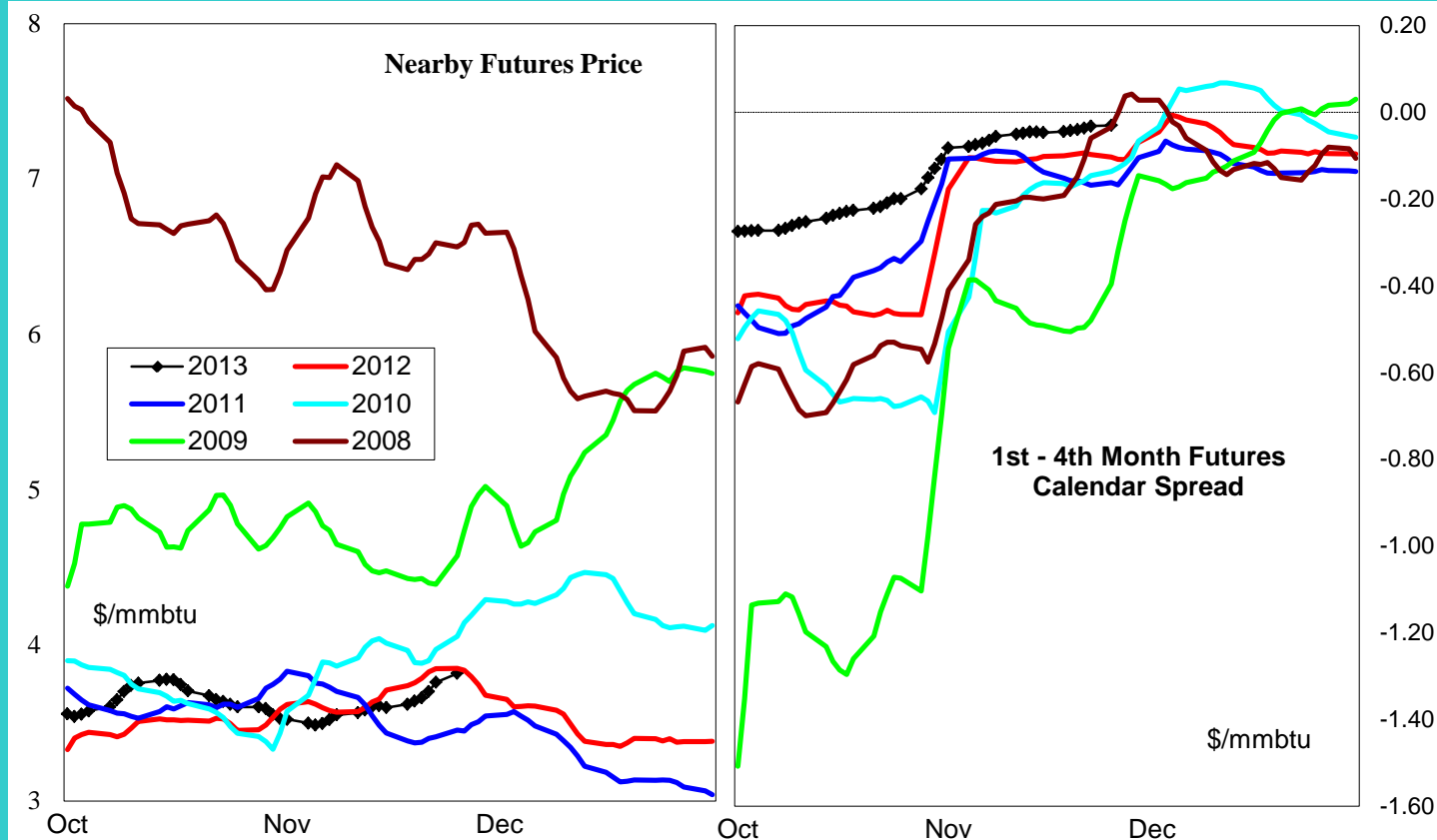
Week ending:	15-Nov-13			15-Jun-13		22-Jun-13		29-Jun-13	
Region	Weekly Stocks			Weekly Heating Degree Days					
		Change vs prior:		Change vs prior week	% of normal	Change vs prior week	% of normal	Change vs prior week	% of normal
	Bcf	Week Bcf	Year (%)						
U.S. Total	3,789	-45	-2.3	-14	-45%	-2	-33%	-3	-77%
East	1,953	-31	-5.1	-17	-39%	-2	-18%	-4	-74%
West	552	-1	1.3	-12	-58%	-2	-55%	-5	-78%
Producing	1,284	-13	0.5	-4	-100%	0	-100%	0	-100%

Seasonal Trends in Stocks and Heating Degree Days

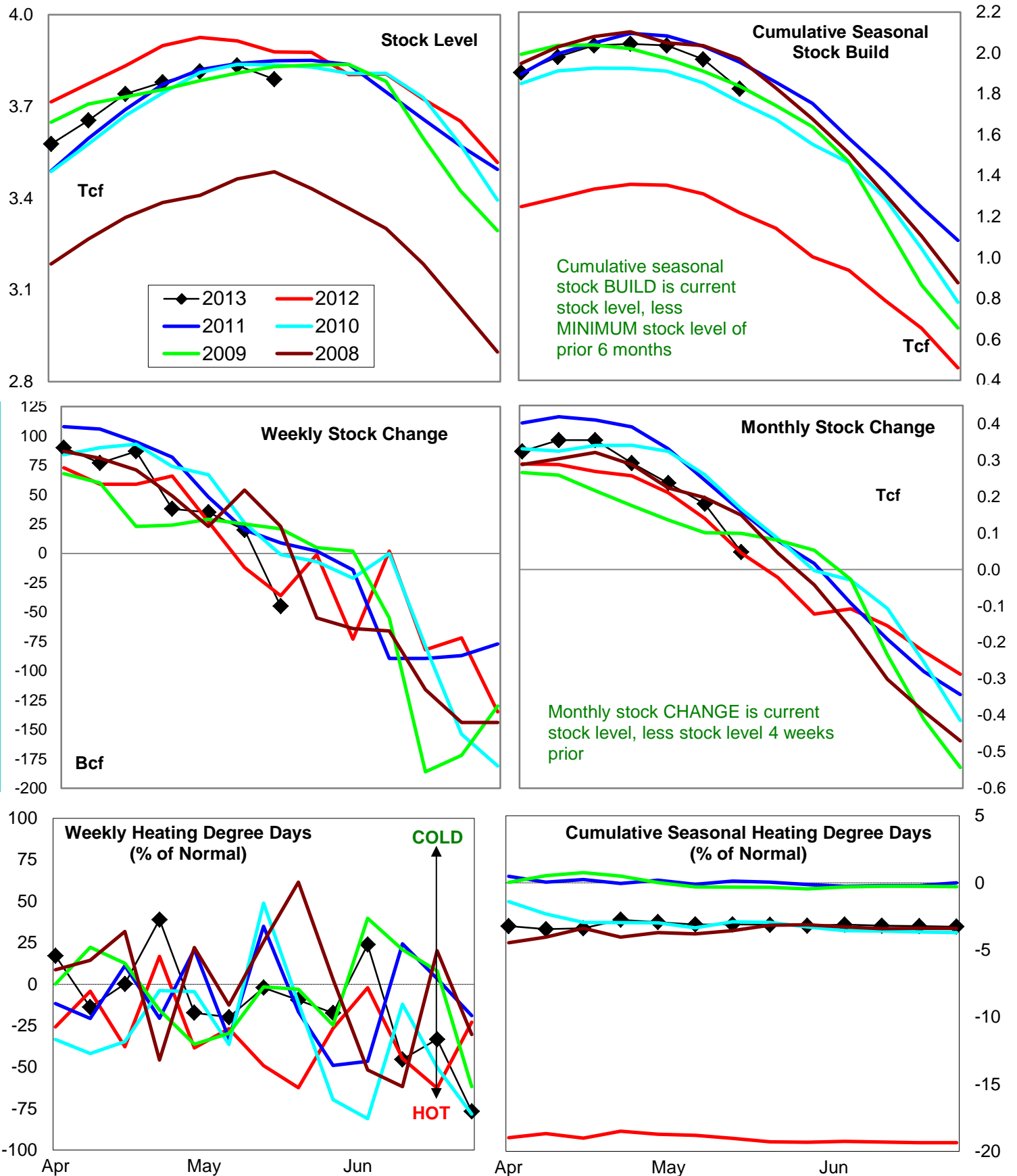
	Cumulative Stock Change			Cumulative Heating Degree Days					
	Bcf	Change vs prior year Bcf	Year (%)	CHDD's vs normal	% of normal	CHDD's vs normal	% of normal	CHDD's vs normal	% of normal
U.S. Total	1,825	605	33.2	6	-3.2	4	-3.2	1	-3.3
East	1,142	314	27.5	6	-2.9	4	-2.9	1	-2.9
West	195	35	17.9	10	-4.6	8	-4.7	3	-4.9
Producing	488	255	52.3	0	-4.0	0	-4.1	0	-4.1

Futures Market Price Trends

Date:	25-Nov-13	Change vs prior week, month, year		
		19-Nov-13	29-Oct-13	5-Dec-12
1st month Futures	3.82	0.26	0.32	0.15
% change	xxxxx	7.4	9.2	4.2



United States Natural Gas Stock and Weather Trends



Variance to prior year

Stock
LevelWeekly Stock
ChangeMonthly Stock
ChangeCumulative Stock
Change

BCF

-89

-9

3

605

Percent Change (%)

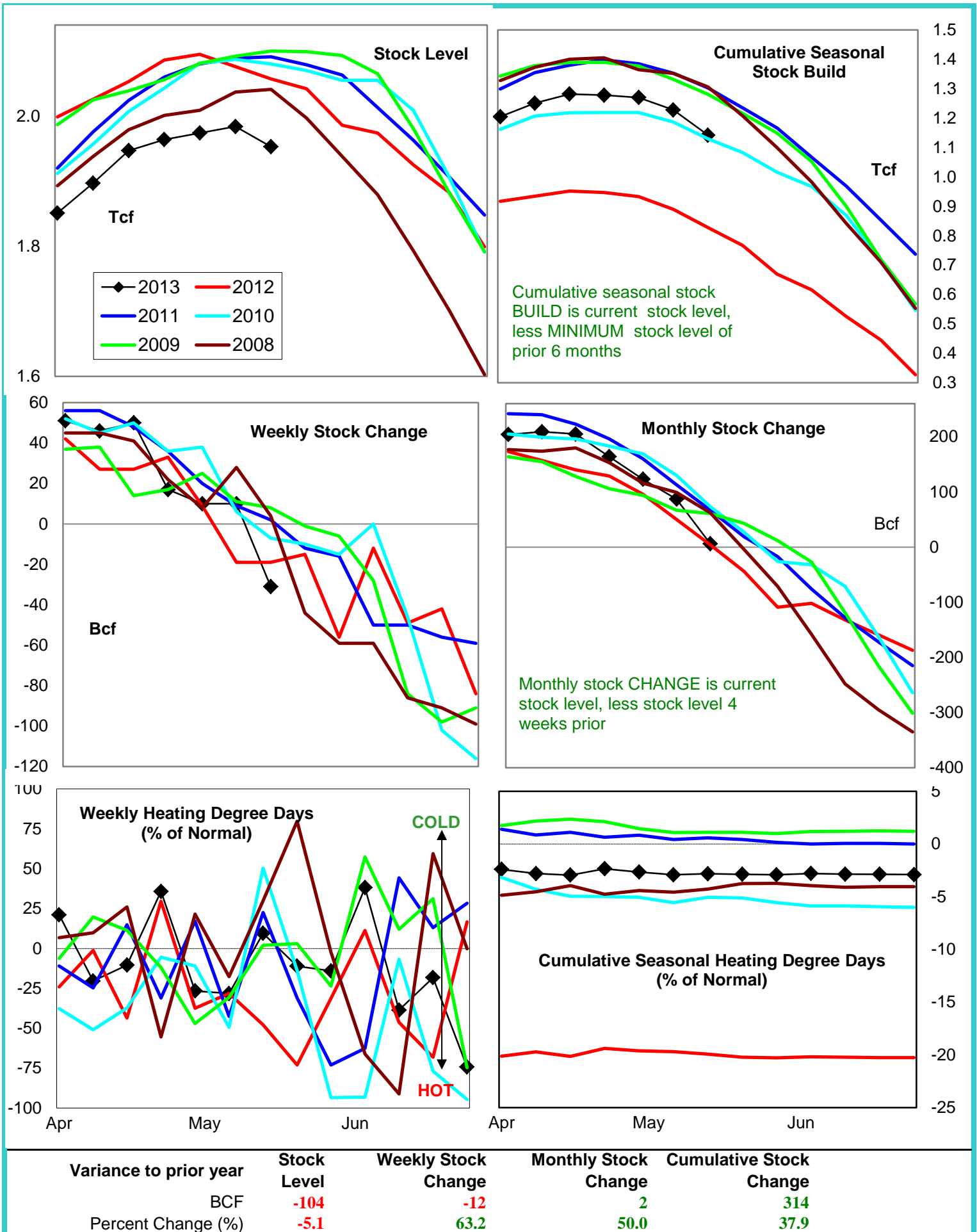
-2.3

25.0

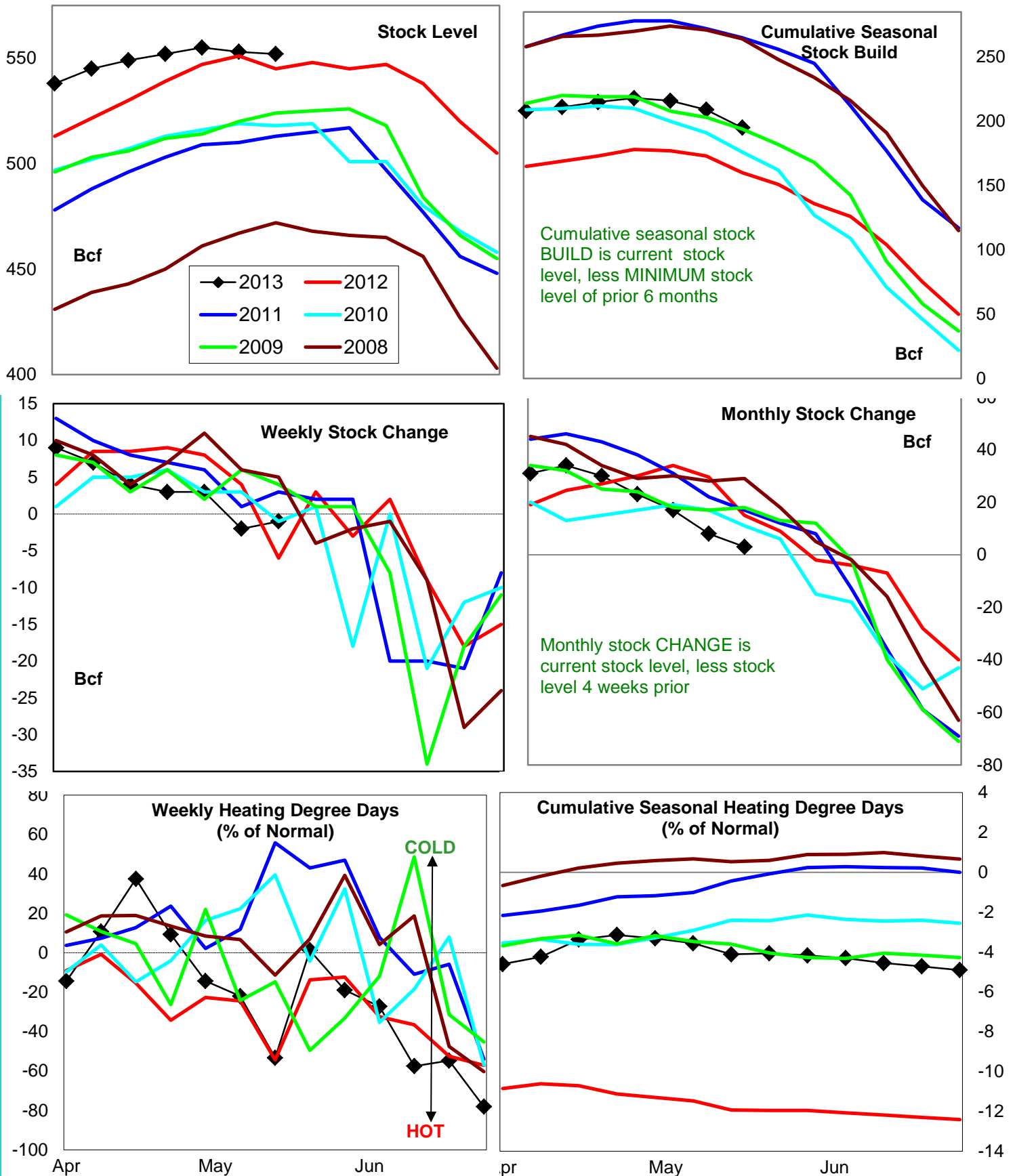
6.7

49.6

Natural Gas East Region Stock and Weather Trends



Natural Gas West Region Stock and Weather Trends



Variance to prior year

Stock
LevelWeekly Stock
ChangeMonthly Stock
ChangeCumulative Stock
ChangeBCF
Percent Change (%)

7

5

-12

35

Percent Change (%)

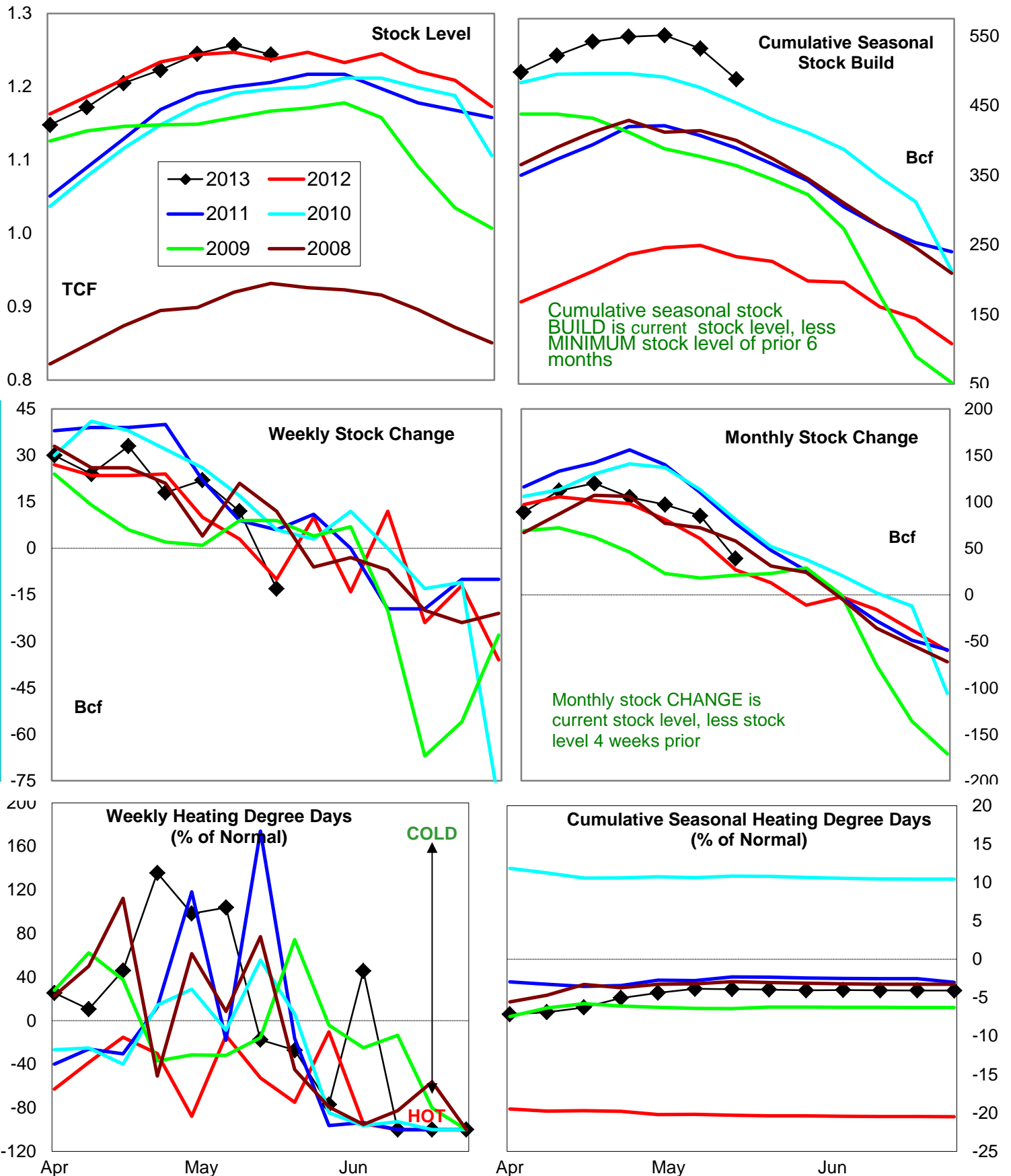
1.3

-83.3

-80.0

21.9

Natural Gas Producing Region Stock and Weather Trends



Variance to prior year

Stock
LevelWeekly Stock
ChangeMonthly Stock
ChangeCumulative Stock
ChangeBCF
Percent Change (%)

7

-3

12

255

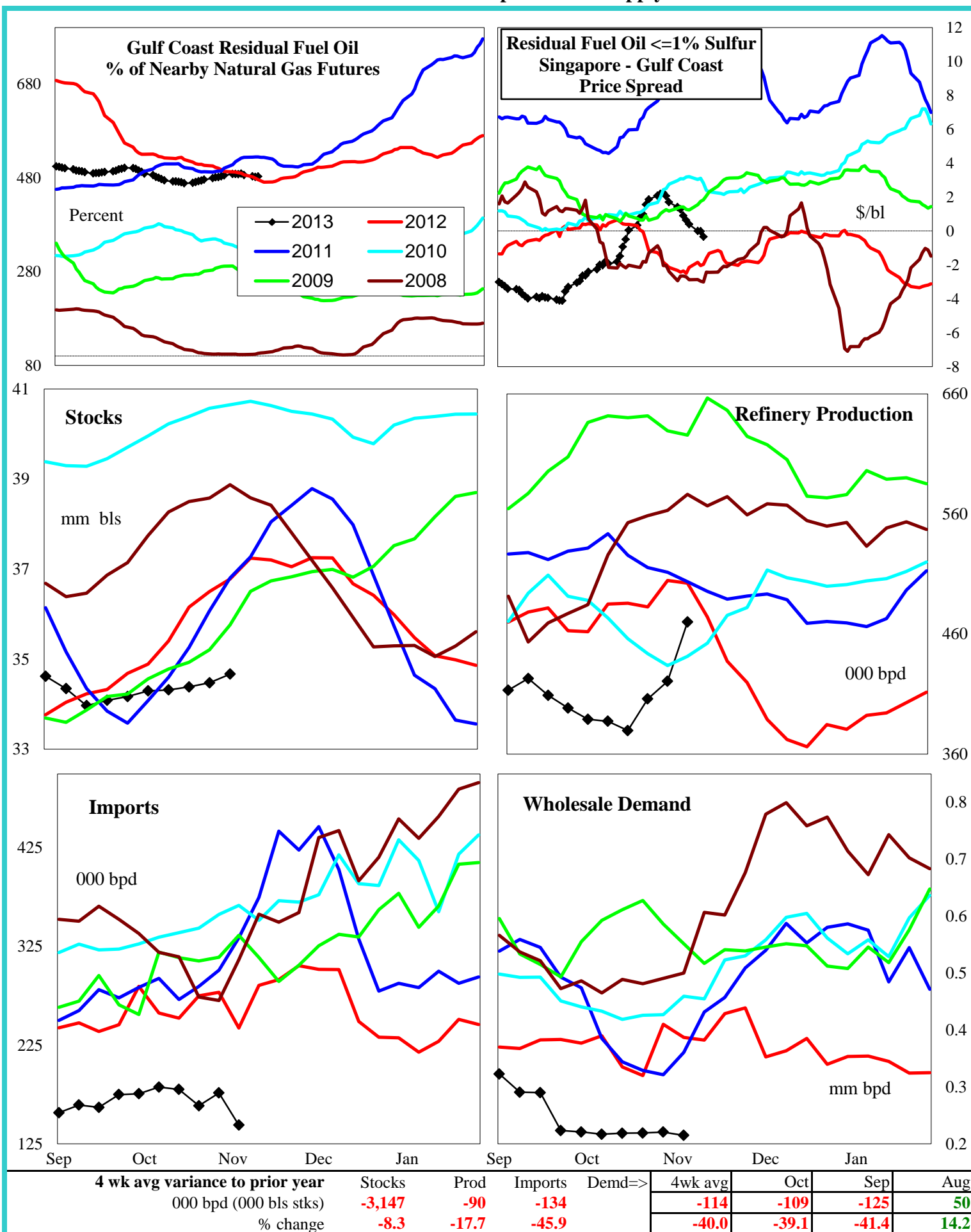
0.5

30.0

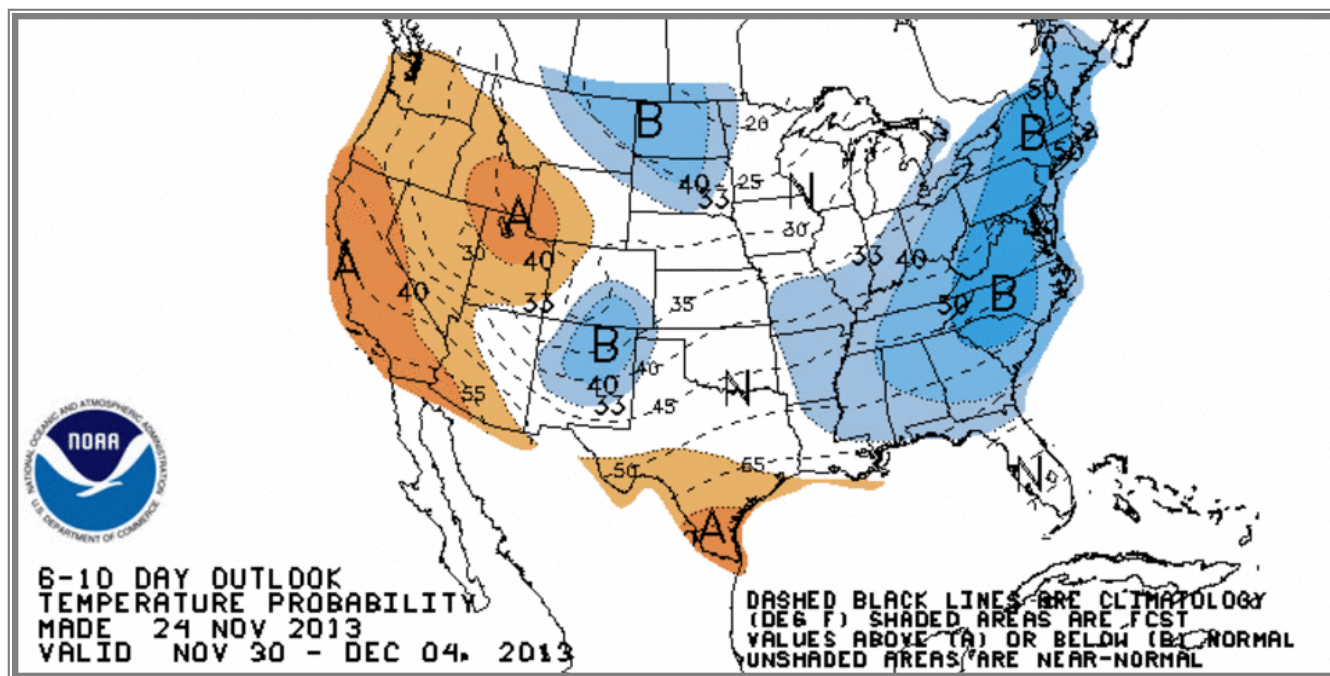
44.4

109.4

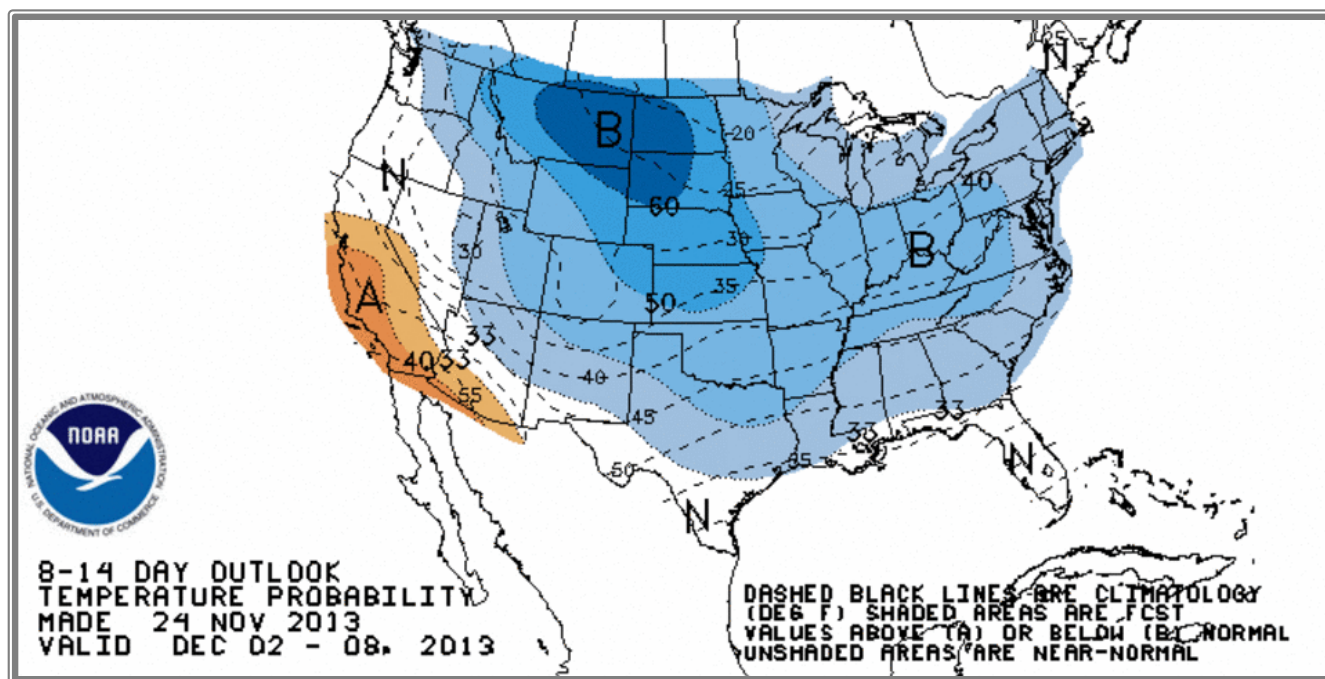
U.S. Residual Fuel Oil Price Spreads and Supply Balance



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



American Gas Association Regions

