

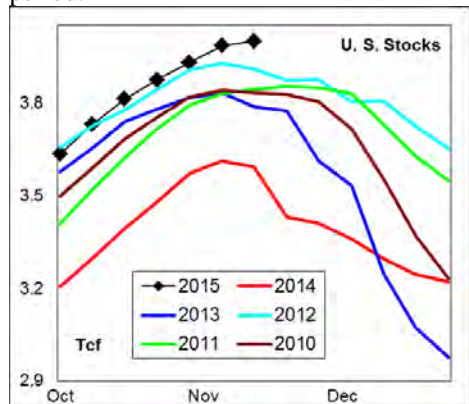
# WEEKLY NATURAL GAS SUPPLY and PRICE TRENDS

## A Fundamental Petroleum Trends Weekly Report

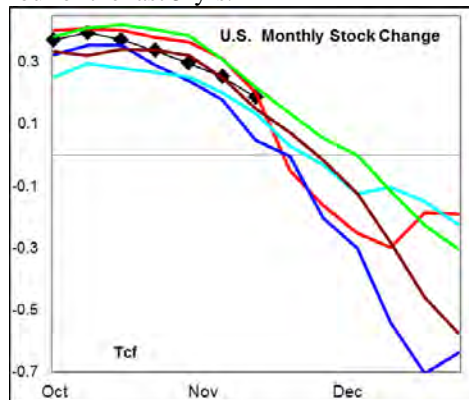
Lehi German Tel: 816.505.0980 [www.fundamentalpetroleumtrends.com](http://www.fundamentalpetroleumtrends.com) Monday, November 23, 2015



**Summary** <sup>1</sup> The stock build of +15 Bcf last week matched 5-yr highs for the period.



The latest 4-wk stock change was a build of +172 Bcf, a level which matched 3-yr highs for the period. The cumulative stock build for the season was +2,103 Bcf, -14% below a year ago, although greater than four of the last 5-yrs.



In the East Region stocks increased +12 Bcf for the week, a record build for this time of year (four of the last 5-yrs were draws for the week). Stocks decreased -4 Bcf for the week in the West Region, a draw greater than four of the last 5-yrs. Stocks increased +7 Bcf in the Producing region, a build above the last 3-yrs for the period.

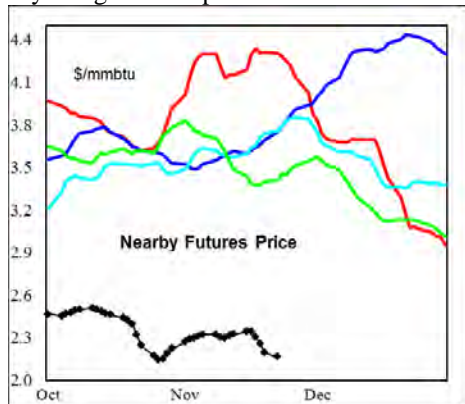
**Temperatures** were above normal across the much of the country last week ending 13Nov15.

The 6-10 day NWS forecast for the

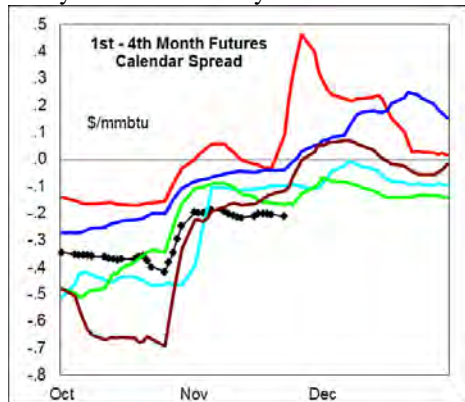
week ending 02Dec15 is for below normal temperatures across the western 3/4ths of the country.

The 8-14 day NWS forecast for the week ending 06Dec15 is for below normal temperatures in the intermountain and southern areas of the country. The great lakes area is forecast to be above normal.

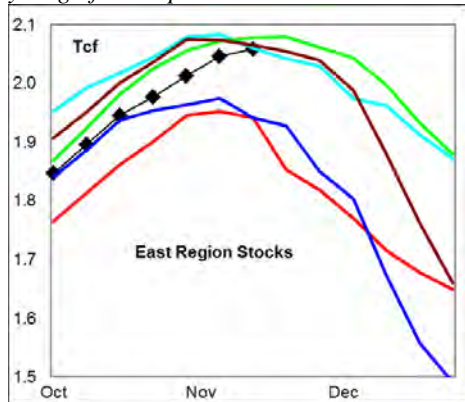
**Prices:** Nearby gas futures prices decreased -\$0.22/mmbtu for the week ending 23Nov15, more than -\$1/mmbtu below the 5-yr range for the period.



The 1<sup>st</sup> - 4<sup>th</sup> month forward price curve traded sideways last week, at a record 'carry' for this time of year.

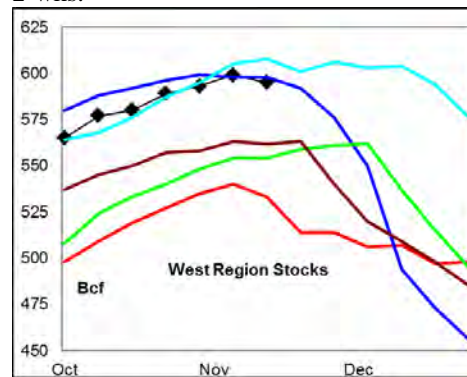


**East Region** stocks increased +12 Bcf for the week, a record build for this time of year. *The current stock level is near a 5-yr high for the period.*

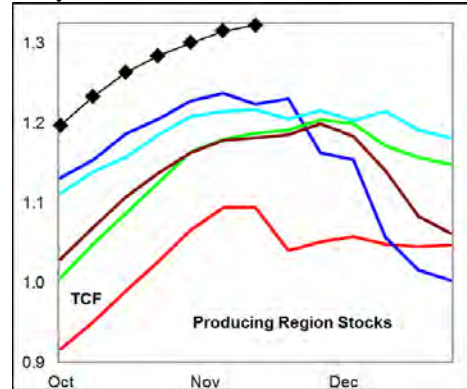


Temperatures are forecast to be near normal for the next 2-wks.

**West Region** stocks decreased -4 Bcf for the week, a near record draw for this time of year. Stock levels ended the week equal to the 3-yr mid range, and +12% above last year. The monthly rate of stock build matched the 3-yr mid range for this time of year. Temperatures are forecast to be below normal in this region during the next 2-wks.



**Producing Region** stocks increased +7 Bcf for the week, a build above the last 3-yrs. Stock levels ended the week at new 5-yr highs for this time of year and +20% above last year.



Temperatures are forecast to be below normal for the next 2-wks.

**Residual Fuel Oil Switching:** The price spread between fuel oil and natural gas ended the week at a level well below the historic range.

**Outlook:** Below normal temperatures are forecast for the western 3/4ths of the country early in the next 2-wk period. Stock levels are at record highs for the period, with high levels in every region. The rate of stock building is at the upper end of the historic range. Very high stock levels and rate of stock build should limit upward pressure on prices due to colder temperatures across much of the country into early December.

### <sup>1</sup> Related Web Sites:

[Data Source is EIA Weekly Statistics](http://Data Source is EIA Weekly Statistics)

[National Weather Service 6-10 Day](http://National Weather Service 6-10 Day)

[National Weather Service 10-14 Day](http://National Weather Service 10-14 Day)



## NATURAL GAS: Graph Link and Weekly Summary

Report prepared as of: November 23, 2015

For the week ending: 13-Nov-15

### Weekly Trends in Stocks for the week ending:

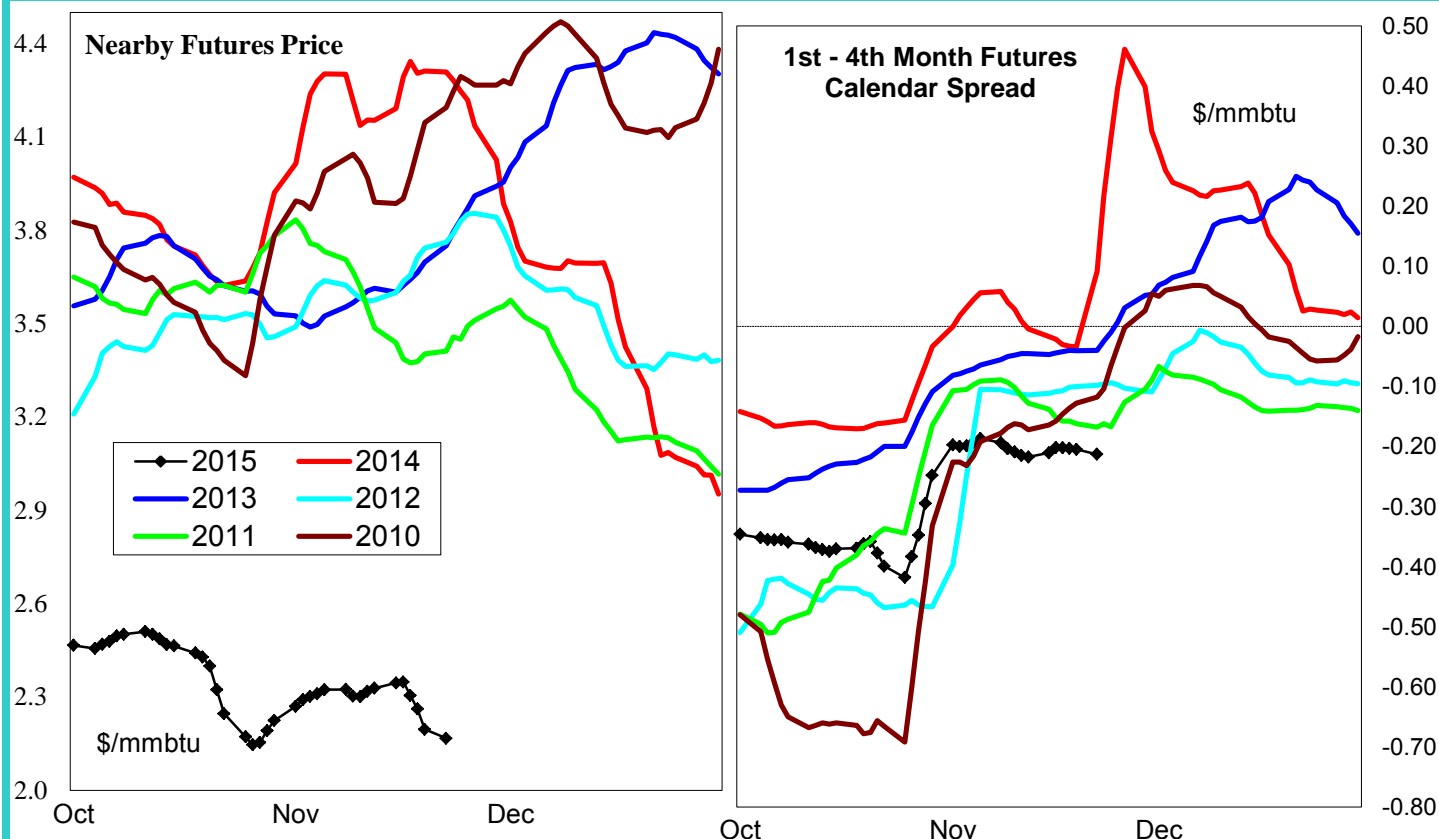
Week ending:	13-Nov-15		
Region	Weekly Stocks		
	Bcf	Change vs prior:	
		Week Bcf	Year (%)
<b>U.S. Total</b>	<b>4,000</b>	<b>15</b>	<b>11.3</b>
<b>East</b>	<b>2,058</b>	<b>12</b>	<b>6.0</b>
<b>West</b>	<b>595</b>	<b>-4</b>	<b>11.6</b>
<b>Producing</b>	<b>1,347</b>	<b>7</b>	<b>20.4</b>

### Seasonal Trends in Stocks

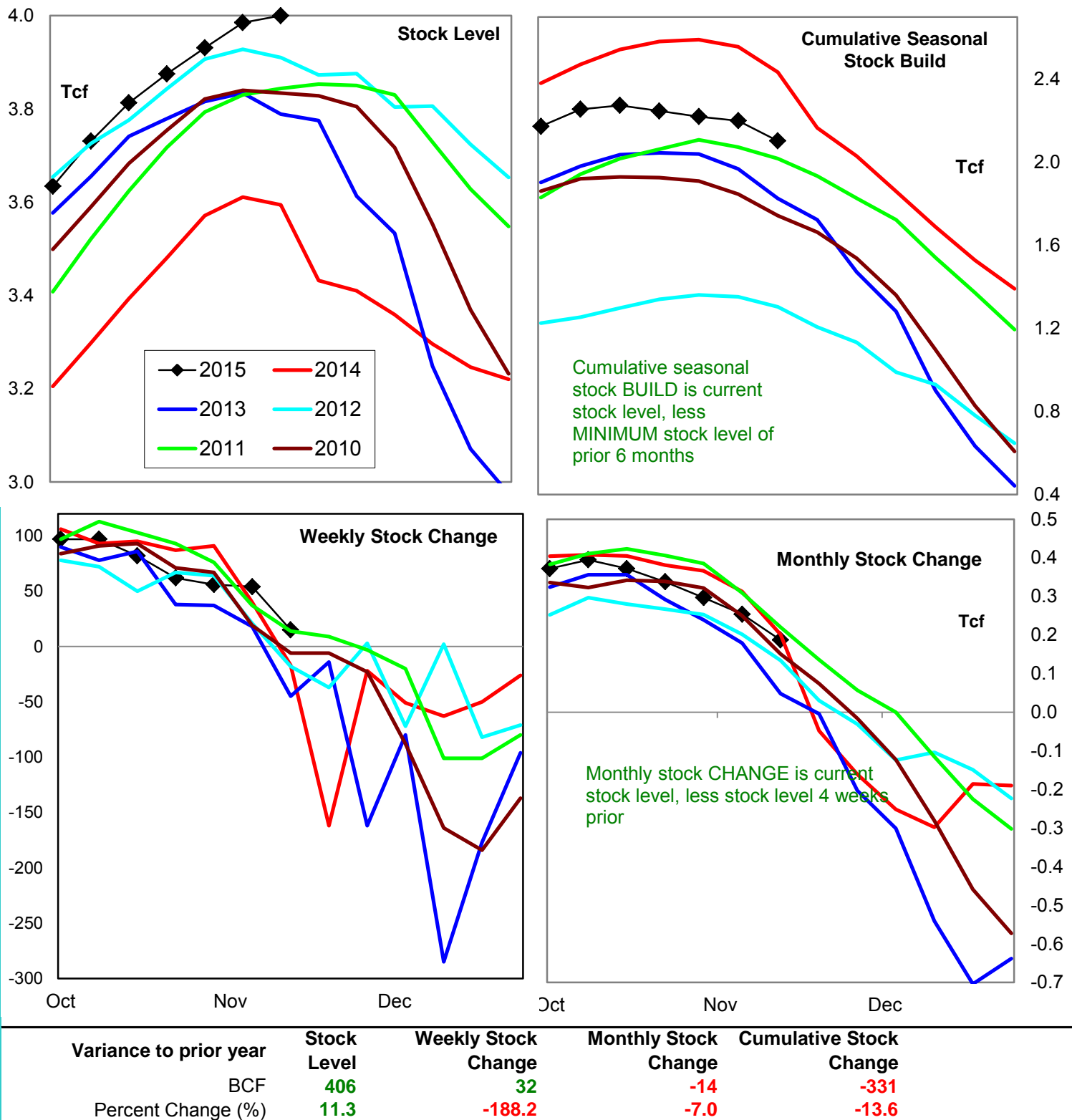
	Cumulative Stock Change		
	Bcf	Change vs prior year	
		Bcf	%
<b>U.S. Total</b>	<b>2,103</b>	<b>-331</b>	<b>-15.7</b>
<b>East</b>	<b>1,378</b>	<b>-111</b>	<b>-8.1</b>
<b>West</b>	<b>180</b>	<b>-108</b>	<b>-60.0</b>
<b>Producing</b>	<b>545</b>	<b>-112</b>	<b>-20.6</b>

### Futures Market Price Trends

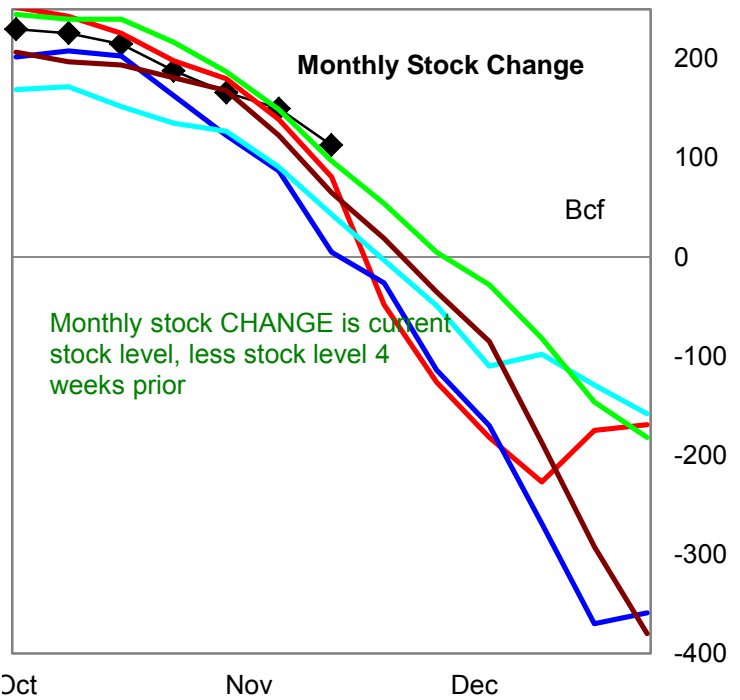
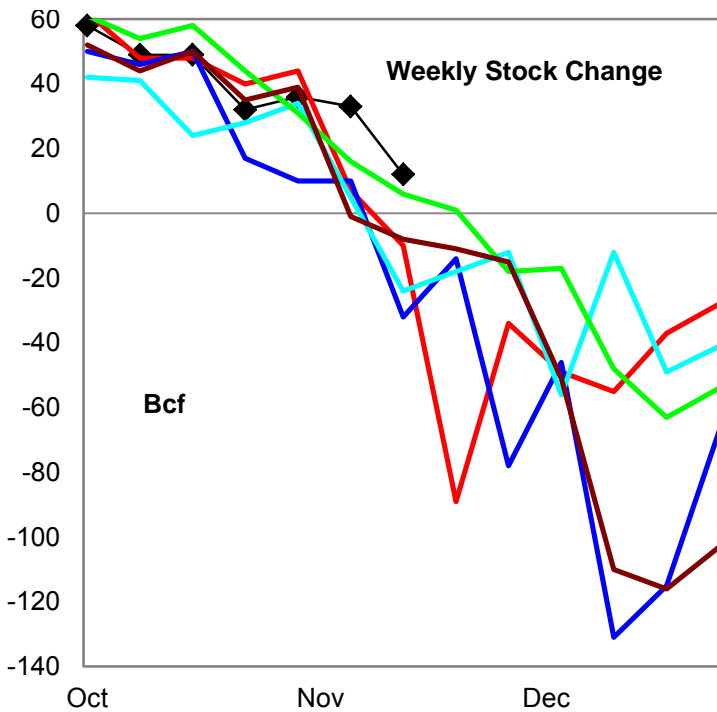
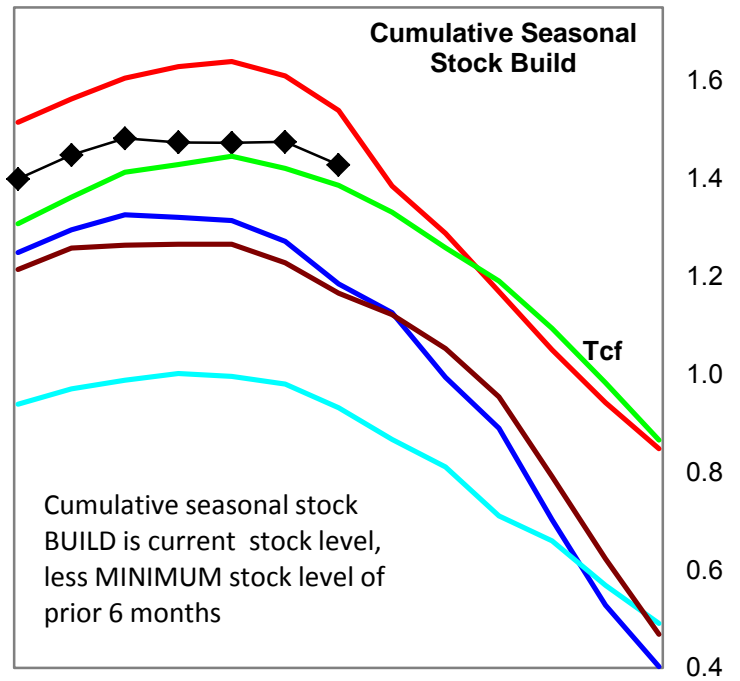
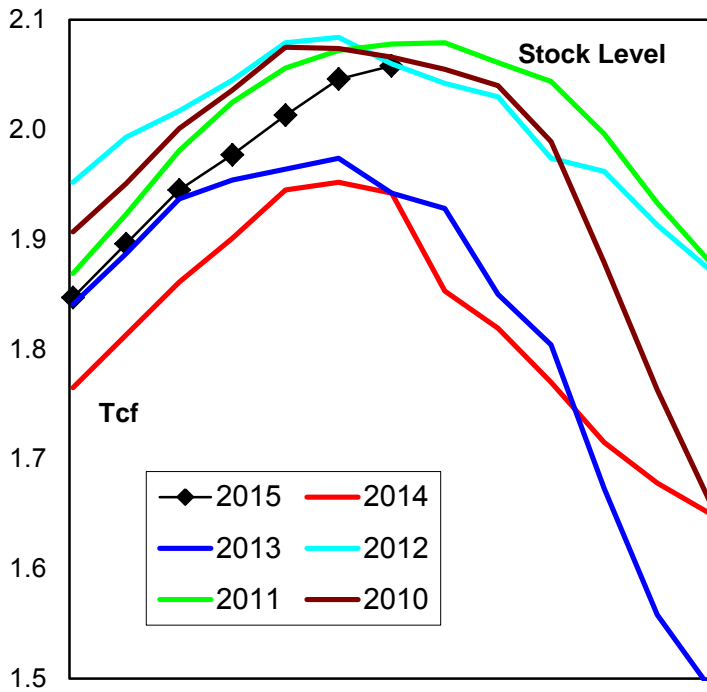
Date:	2-Nov-15	Change vs prior week, month, year		
		27-Oct-15	6-Oct-15	12-Nov-14
<b>1st month Futures</b>	<b>2.17</b>	<b>-0.20</b>	<b>0.07</b>	<b>-1.43</b>
<b>% change</b>	<b>xxxxx</b>	<b>-8.6</b>	<b>3.6</b>	<b>-39.7</b>



# United States Natural Gas Stock Trends

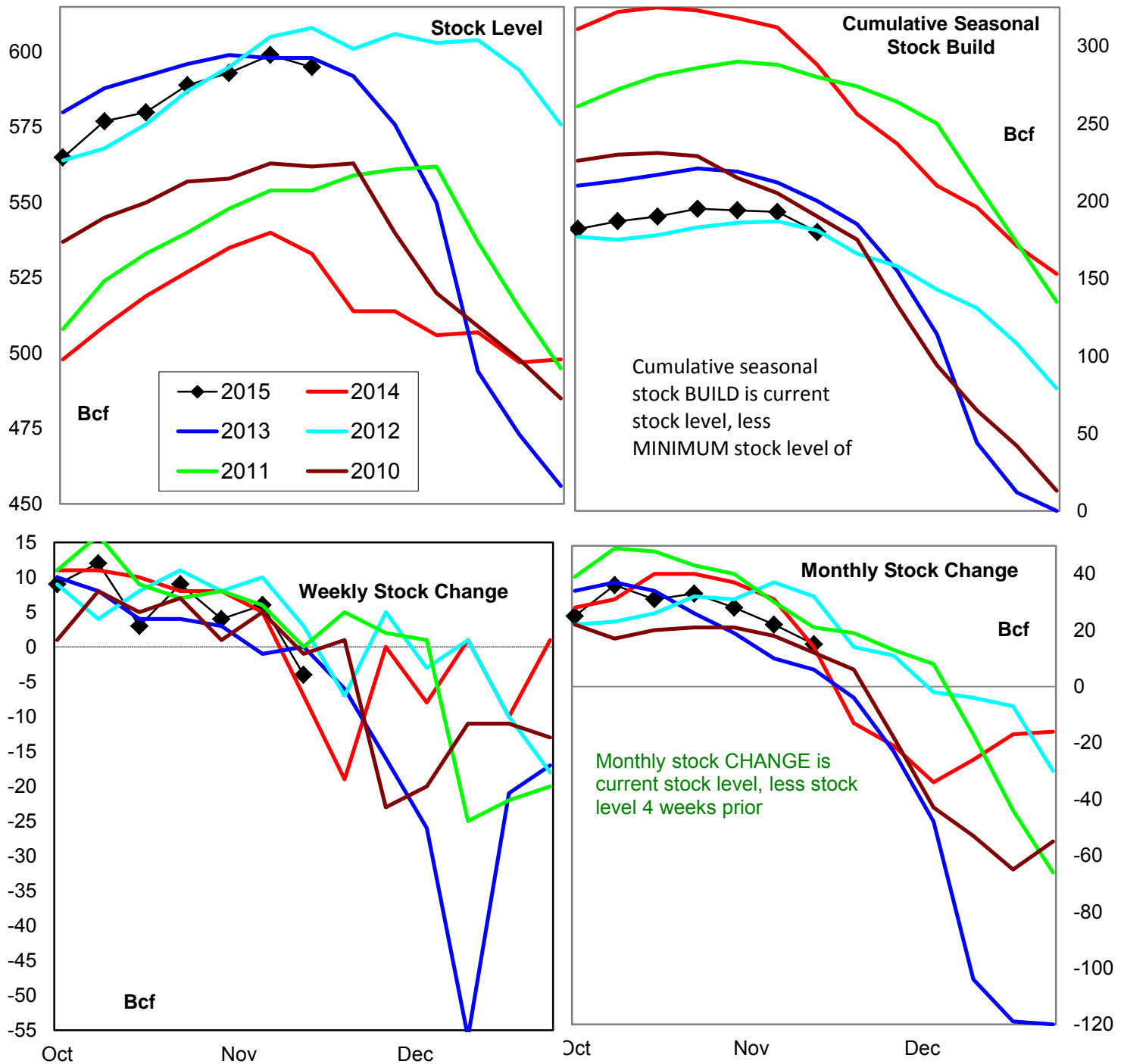


# Natural Gas East Region Stock Trends



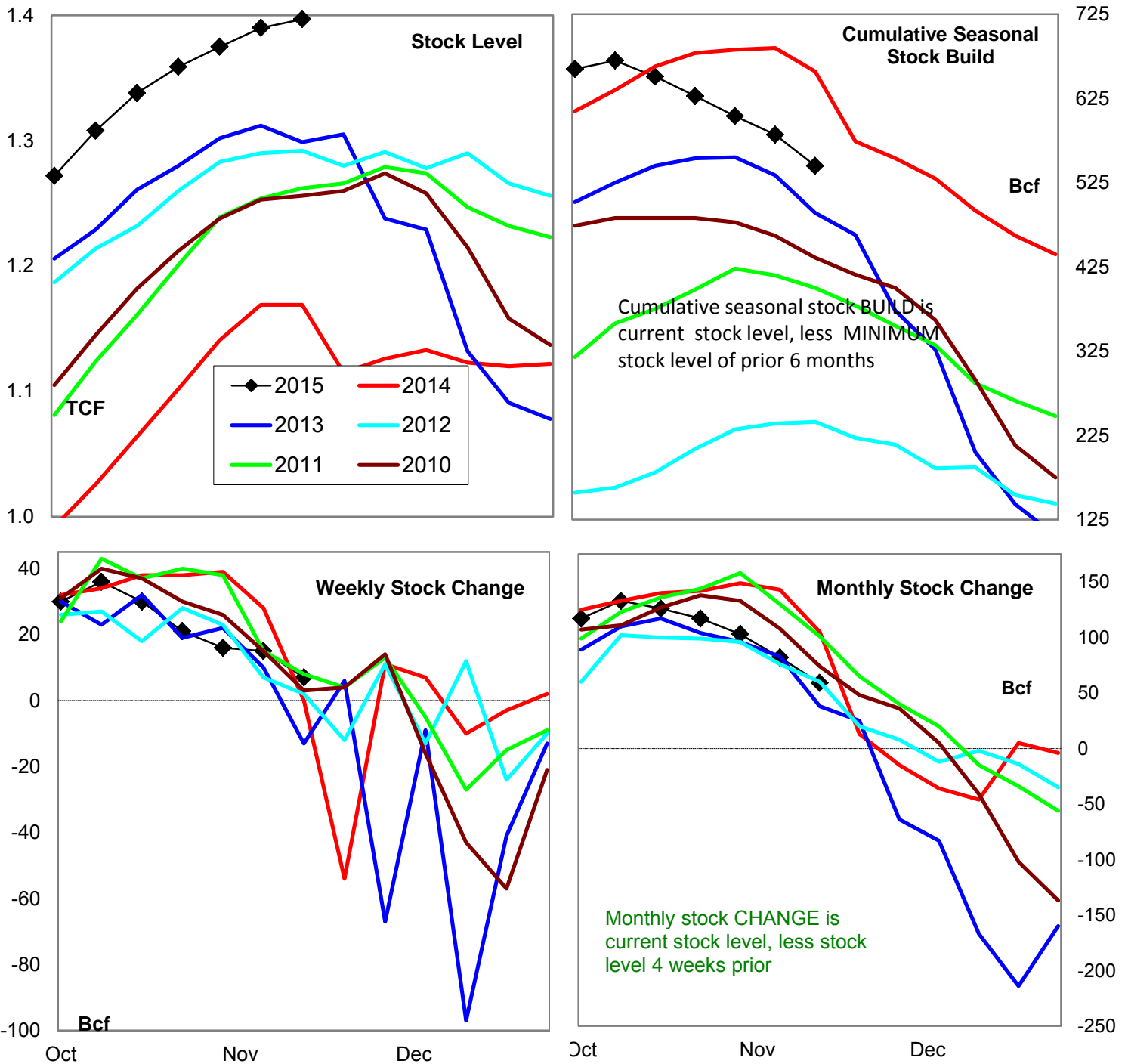
Variance to prior year	Stock Level	Weekly Stock Change	Monthly Stock Change	Cumulative Stock Change
BCF	116	22	32	-111
Percent Change (%)	6.0	-220.0	39.5	-7.5

# Natural Gas West Region Stock Trends



Variance to prior year	Stock Level	Weekly Stock Change	Monthly Stock Change	Cumulative Stock Change
BCF	62	3	1	-108
Percent Change (%)	11.6	-42.9	7.1	-37.5

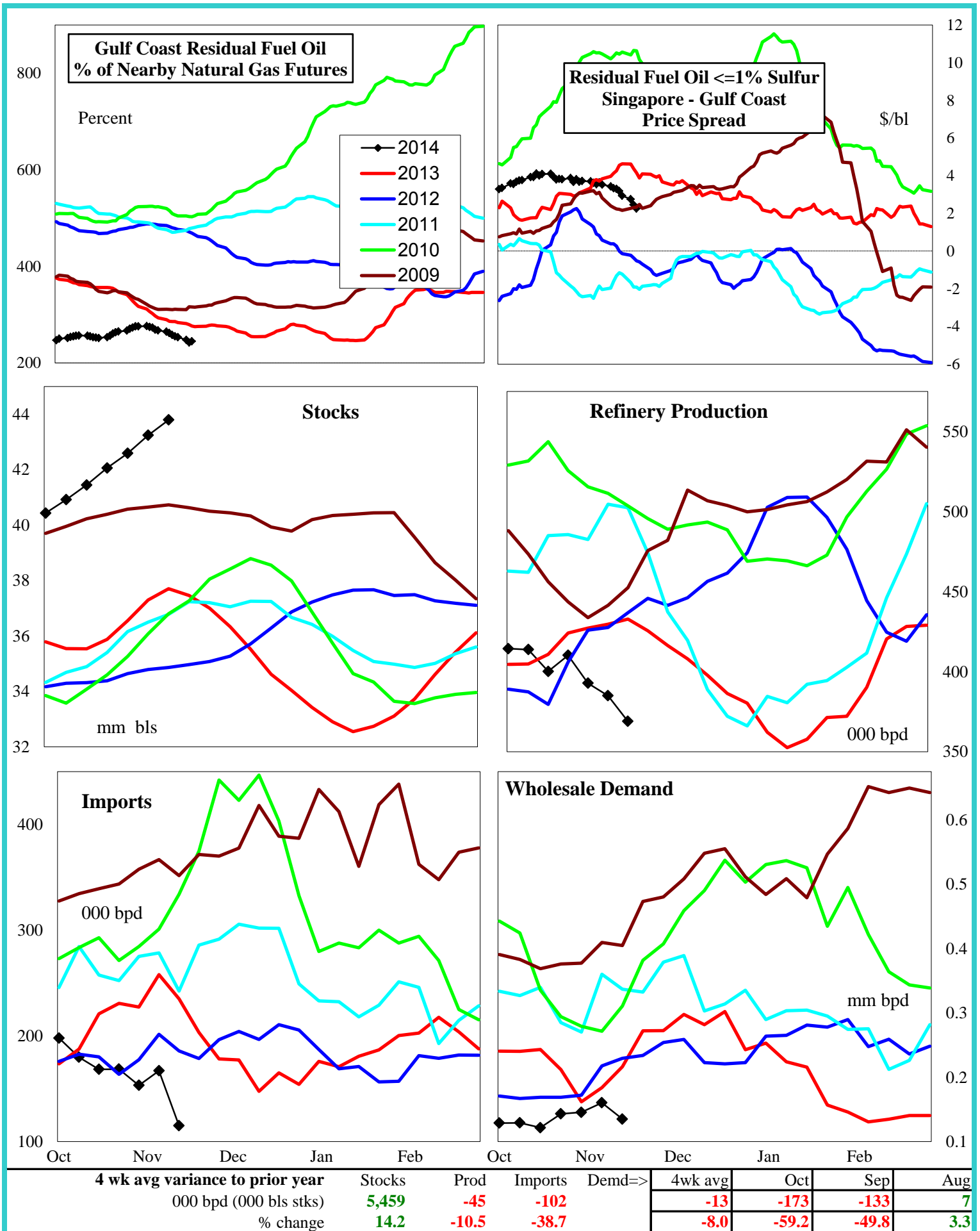
# Natural Gas Producing Region Stock Trends



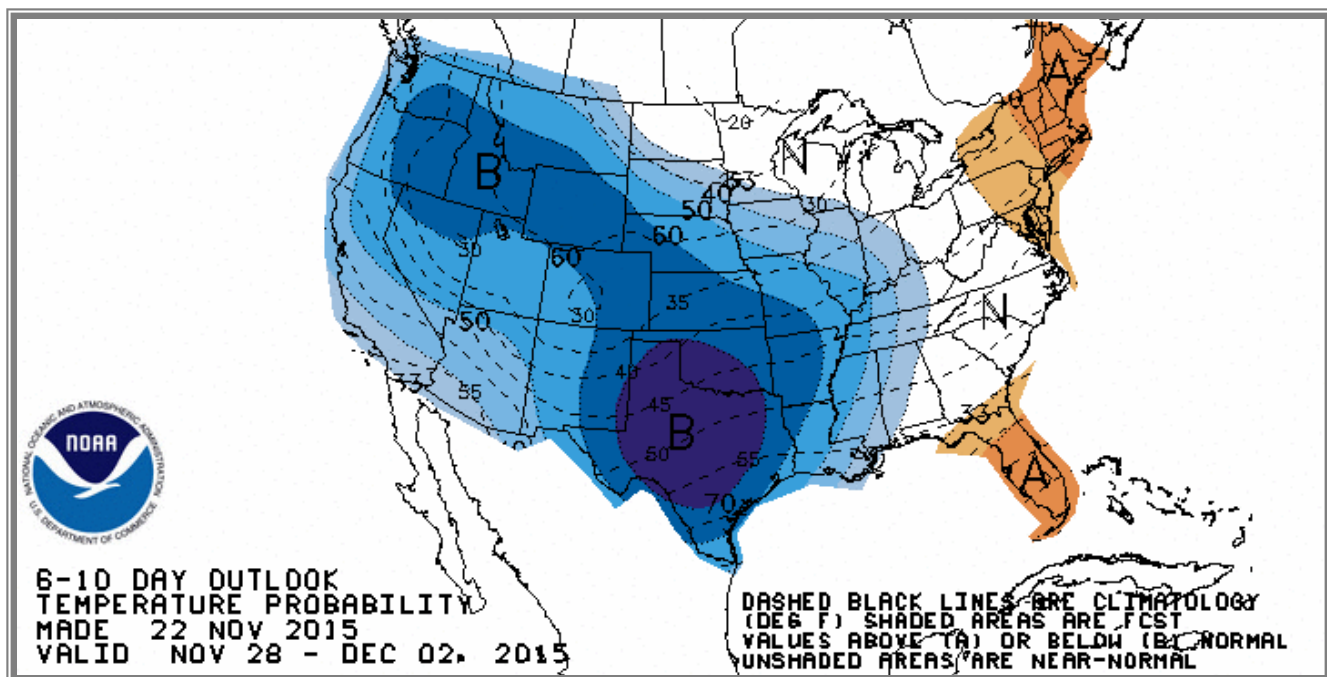
Variance to prior year	Stock Level	Weekly Stock Change	Monthly Stock Change	Cumulative Stock Change
BCF	228	7	-46	-112
Percent Change (%)	20.4	#DIV/0!	-43.8	-17.0



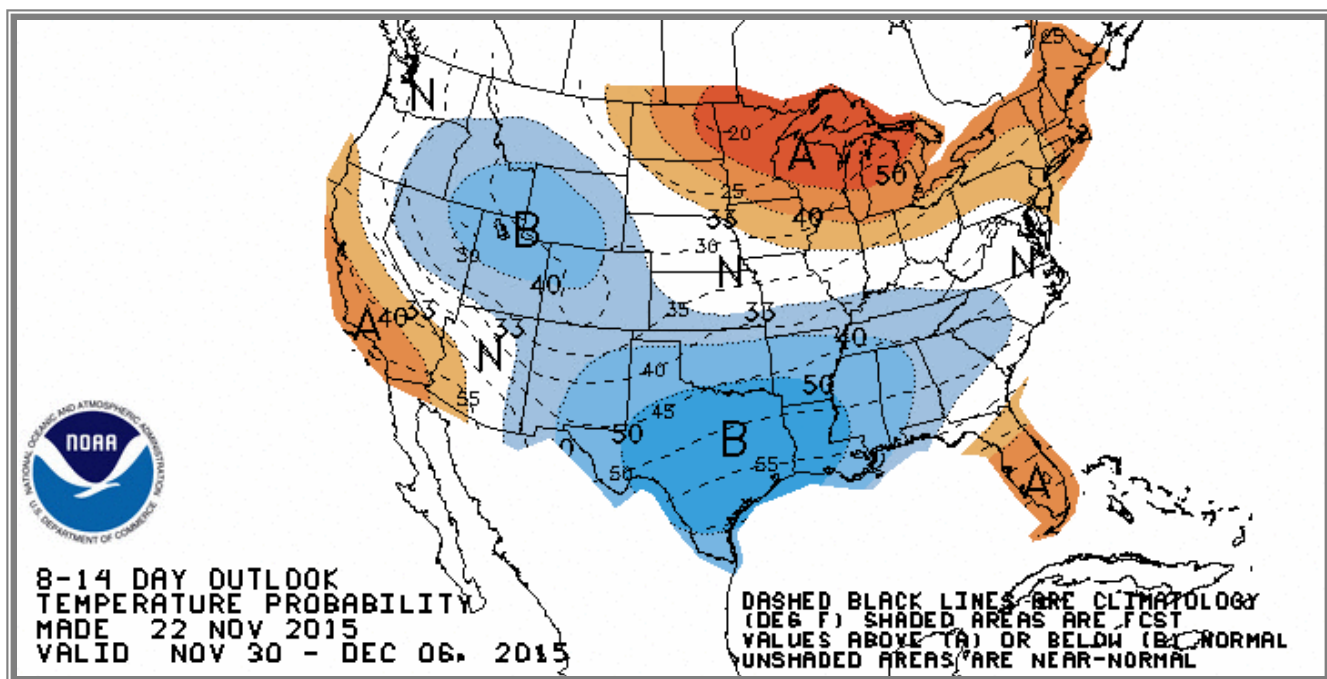
## U.S. Residual Fuel Oil Price Spreads and Supply Balance



## 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

