# WEEKLY PROPANE SUPPLY-DEMAND-PRICE TRENDS

## A Fundamental Petroleum Trends Weekly Report

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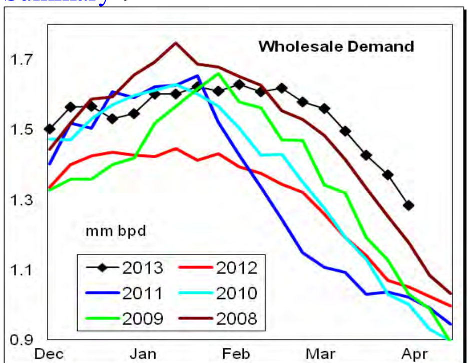
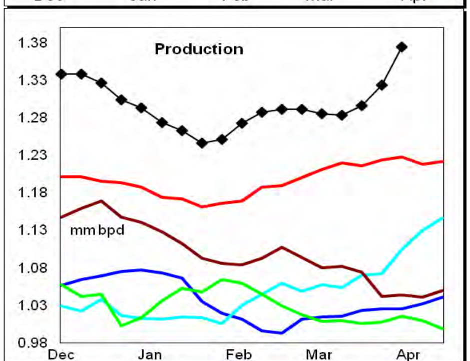
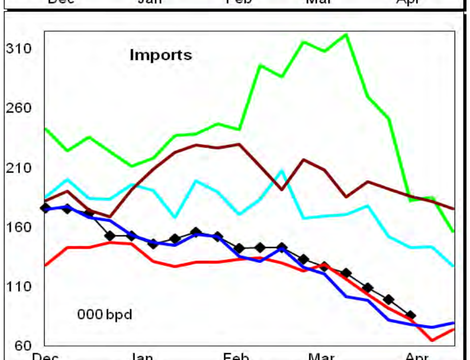
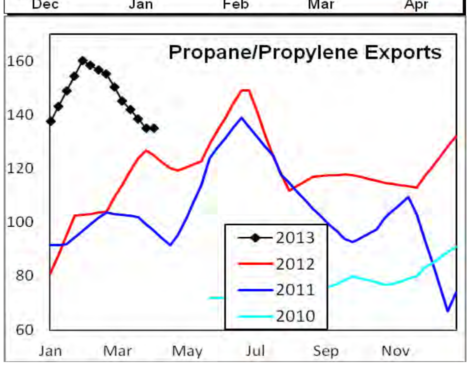
Summary[1]: ? **Table of Contents**



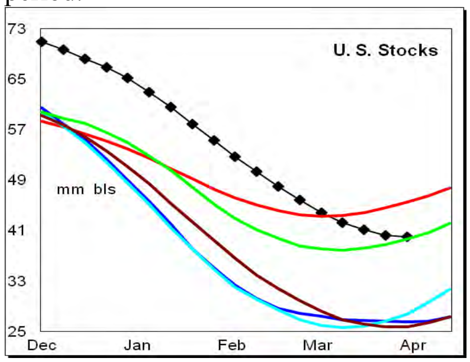



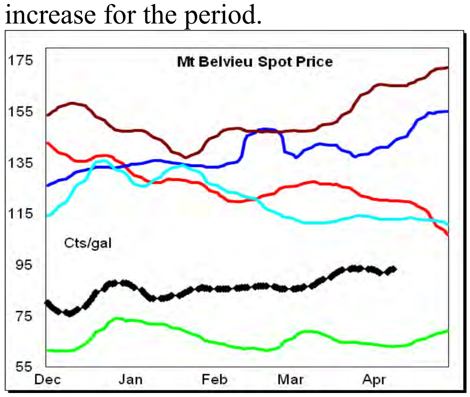

Wholesale demand fell -148,000 bpd on the week, as demand continued the seasonal decline. Production increased +63,000 bpd on the week, due in part to higher refinery output as plants returned from maintenance.

Combined production and imports during the latest 4-wk period were +90,000 bpd above a year ago. Production was +84,000 bpd above last year (+7%), while imports were +6,000 bpd higher. The latest 4-wk average demand was +306,000 bpd above last year, +29%. Exports averaged +6,000 bpd (+5%) above a year ago for the same period.




Stocks increased +0.2 million barrels last week, ending the week at a level -12% below last years' record high. The 4-wk stock change was a draw of -3.8 million barrels, compared to a build of +4 million barrels last year.

Price and Spreads Mt Belvieu prices increased +2.5 cpg for the week ending 10Apr13 while Conway saw a +1 cpg increase for the period.



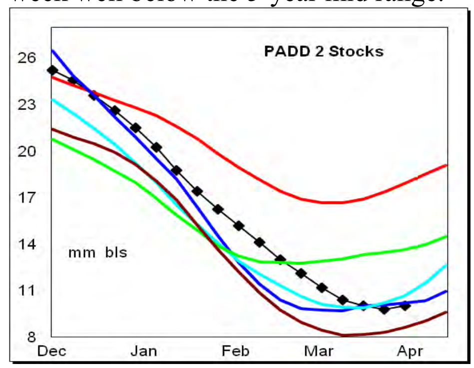

The Conway – Mt Belvieu price spread trended lower last week, ending the week at -5 cpg.

The propane to natural gas price spread trended lower last week, ending at a level below the last 3-years.

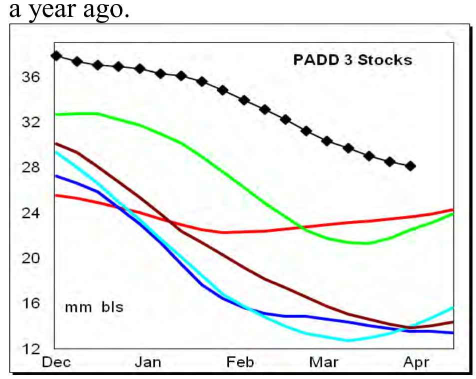
The propane / crude oil price spread trended higher on the week, ending at highs for the year.

PADD 1 stocks decreased -0.1 million barrels last week, to a record low for the end of season. Supply increased +7,000 bpd last week. Supply for the latest 4-wk period was -4,000 bpd below last year.

PADD 2 stocks increased +0.6 million barrels on the week. Supply was unchanged on the week, with higher production offset by lower imports. The latest 4-wk supply was +13,000 bpd above a year ago. Stock levels ended the week well below the 5-year mid range.




PAD 3 stocks decreased -0.3 million barrels last week, to a level +20% above a year ago.




PADDs 4 & 5 stocks increased +0.1 million barrels on the week. The stock level ended the week at a level near 5-year lows.

**Emerging Trends** Much above normal heating degree days are forecast for the north central 1/3rd of the country over the next 10-days; extending demand for spring propane heating. Carry out stock levels in all regions except the Gulf are be near 5-year lows. These fundamental trends should limit any near term end of season price pull back.

[1] Source is latest EIA Weekly Statistics

# PROPANE: Graph Link and Weekly Summary

April 10, 2013

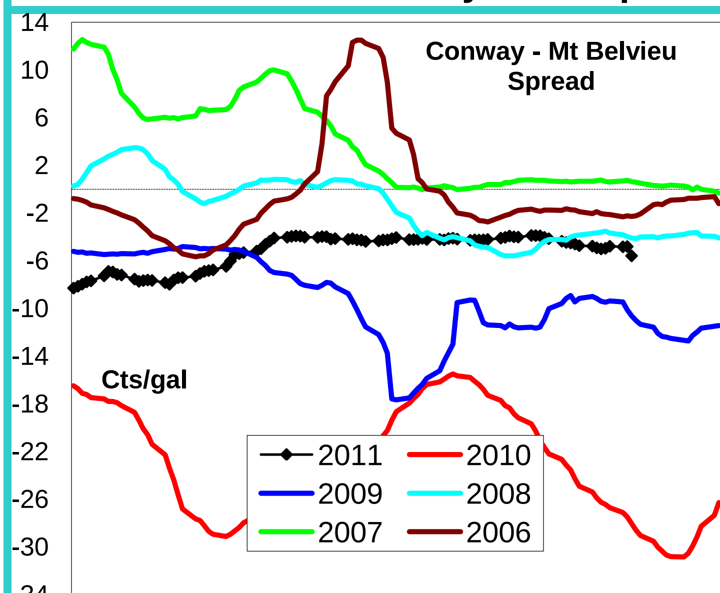
## Fundamental Trends for the Week Ending: Friday, April 05, 2013

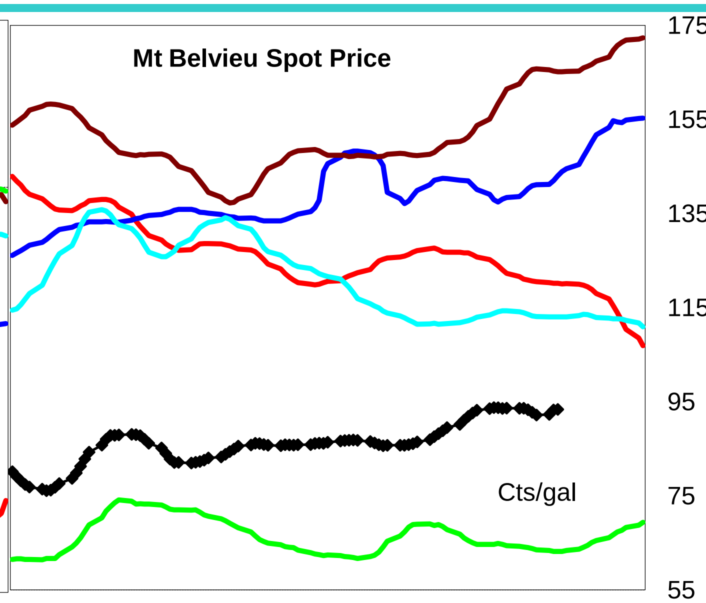
| 000 bpd<br>Stocks 000 bls | Weekly Supply-Demand | | | | | Change from prior week: | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | U.S. Total | PADD 1 | PADD 2 | PADD 3 | PADD 4&5 | U.S. Total | PADD 1 | PADD 2 | PADD 3 | PADD 4&5 |
| Stocks | 40,025 | 1,207 | 10,017 | 28,115 | 686 | 288 | -84 | 569 | -252 | 55 |
| Propylene Stocks | 3,582 | | | | | -31 | | | | |
| Production | 1,374 | 75 | 287 | 835 | 177 | 63 | 0 | 20 | 16 | 27 |
| Imports | 86 | 44 | 30 | 0 | 11 | -11 | 7 | -20 | 0 | 3 |
| Whsle Demand | 1,284 | | | | | -148 | | | | |

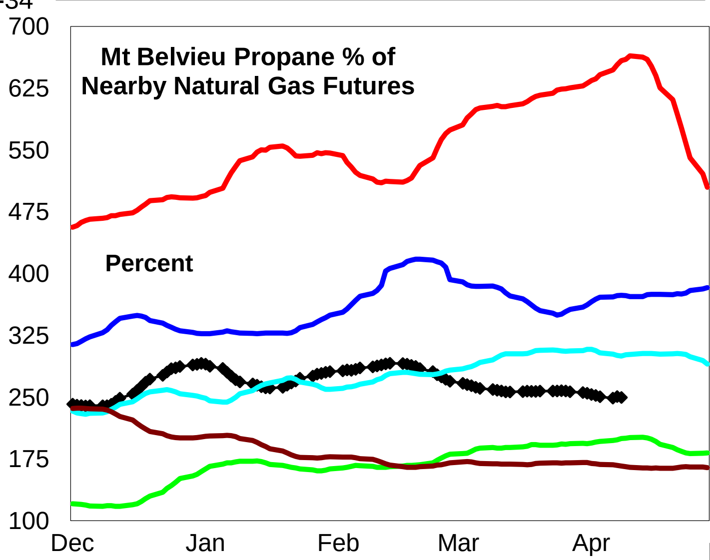
## Price Trends for the Week Ending: Wednesday, April 10, 2013

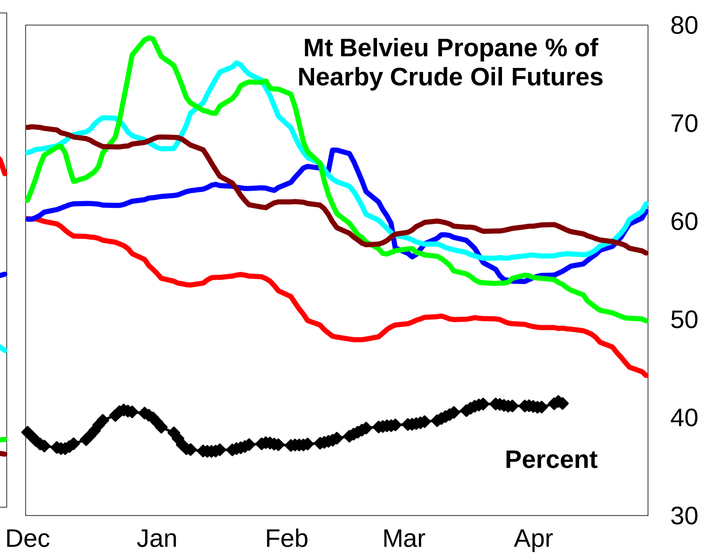
| Cents/gal | Average for week ending: | | | | Change from: | | | % change from: | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4/10/13 | 4/3/13 | 3/13/13 | 4/6/12 | 4/3/13 | 3/13/13 | 4/6/12 | 4/3/13 | 3/13/13 | 4/6/12 |
| Mont Belvieu Spot | 92.3 | 93.7 | 86.7 | 120.0 | -1.43 | 7.02 | -33.33 | -1.5 | 8.1 | -27.8 |
| Conway Spot | 87.5 | 88.5 | 82.4 | 92.6 | -1.07 | 6.12 | -10.18 | -1.2 | 7.4 | -11.0 |

## Key Price Spreads and Differentials

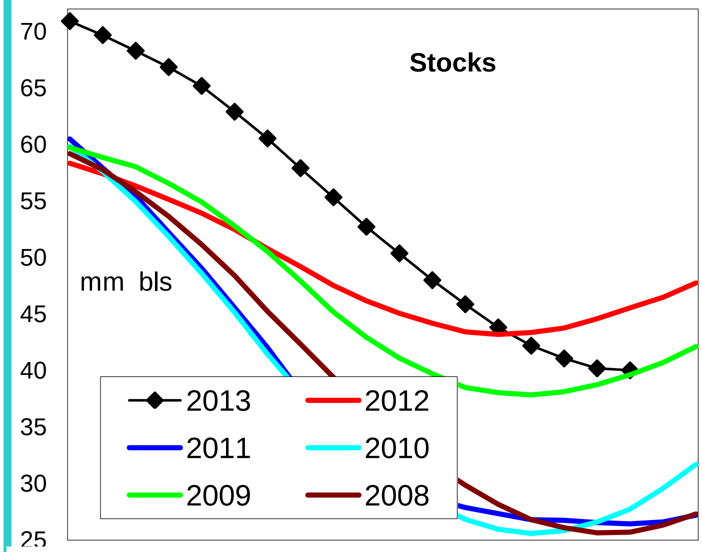


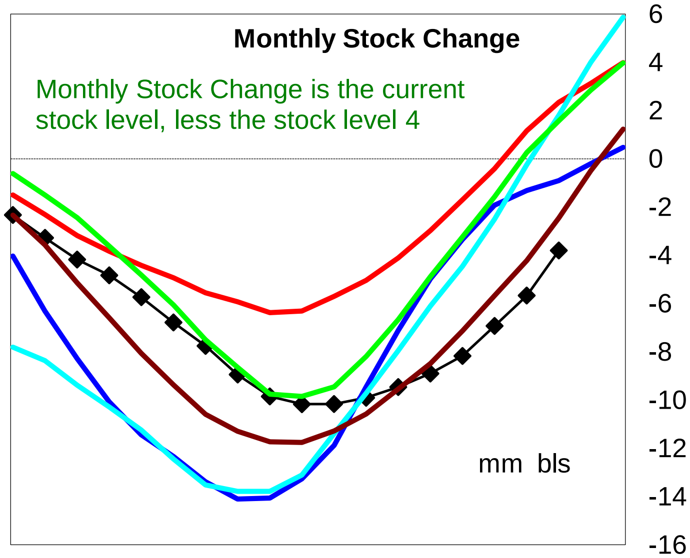



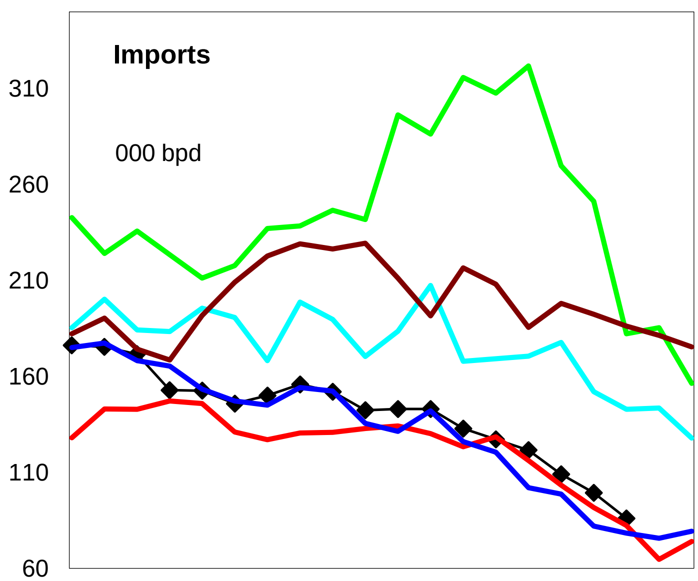



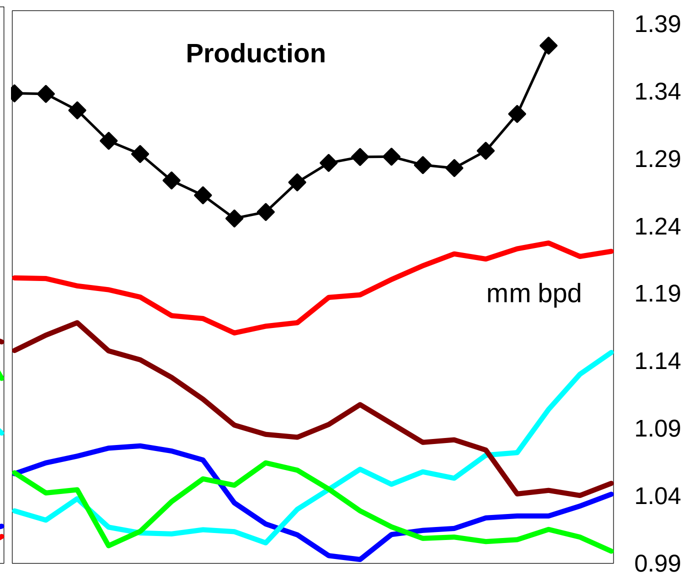



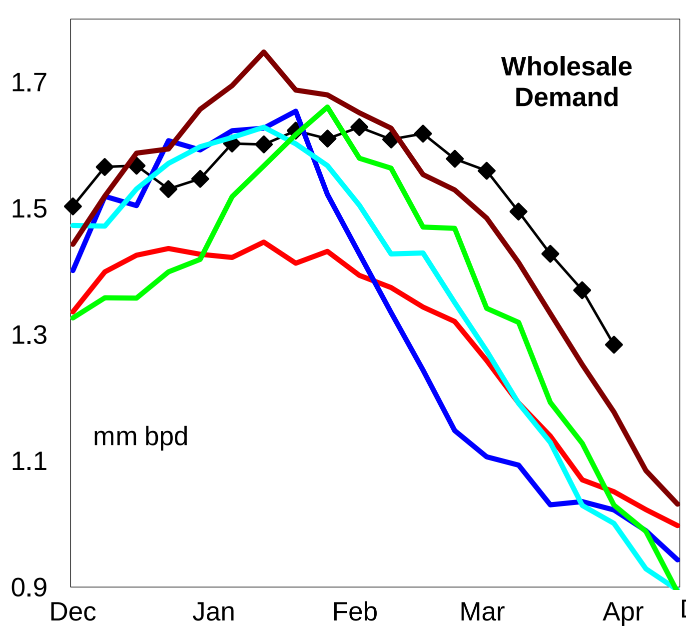
# U. S. Propane Supply and Demand Balance

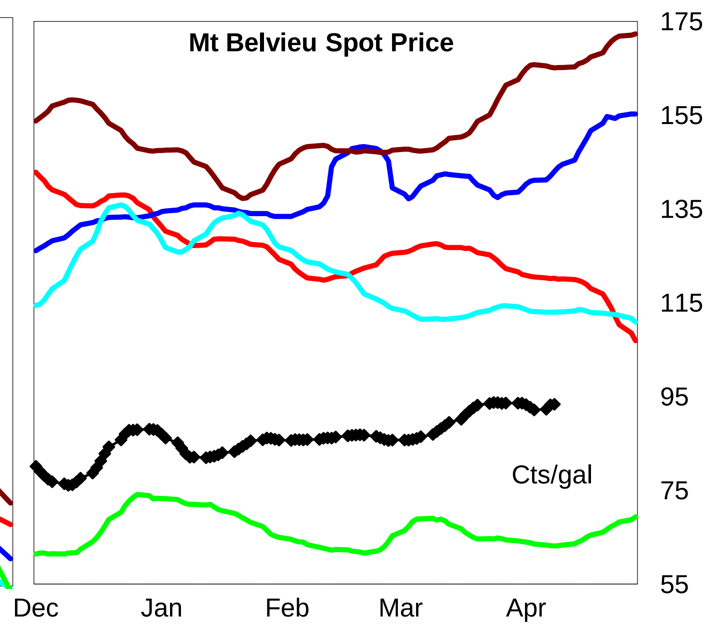



| 4 wk avg variance prior year | Stocks | 4wk stk | Prod | Imports | Demand | 4wk avg | Feb | Jan | Dec |
|---|---|---|---|---|---|---|---|---|---|
| 000 bpd (000 bls stks) | -5,417 | -6,138 | 84 | 6 | | 306 | 277 | 220 | 67 |
| % change | -11.9 | -263 | 6.9 | 5.8 | | 28.5 | 20.6 | 15.6 | 4.6 |



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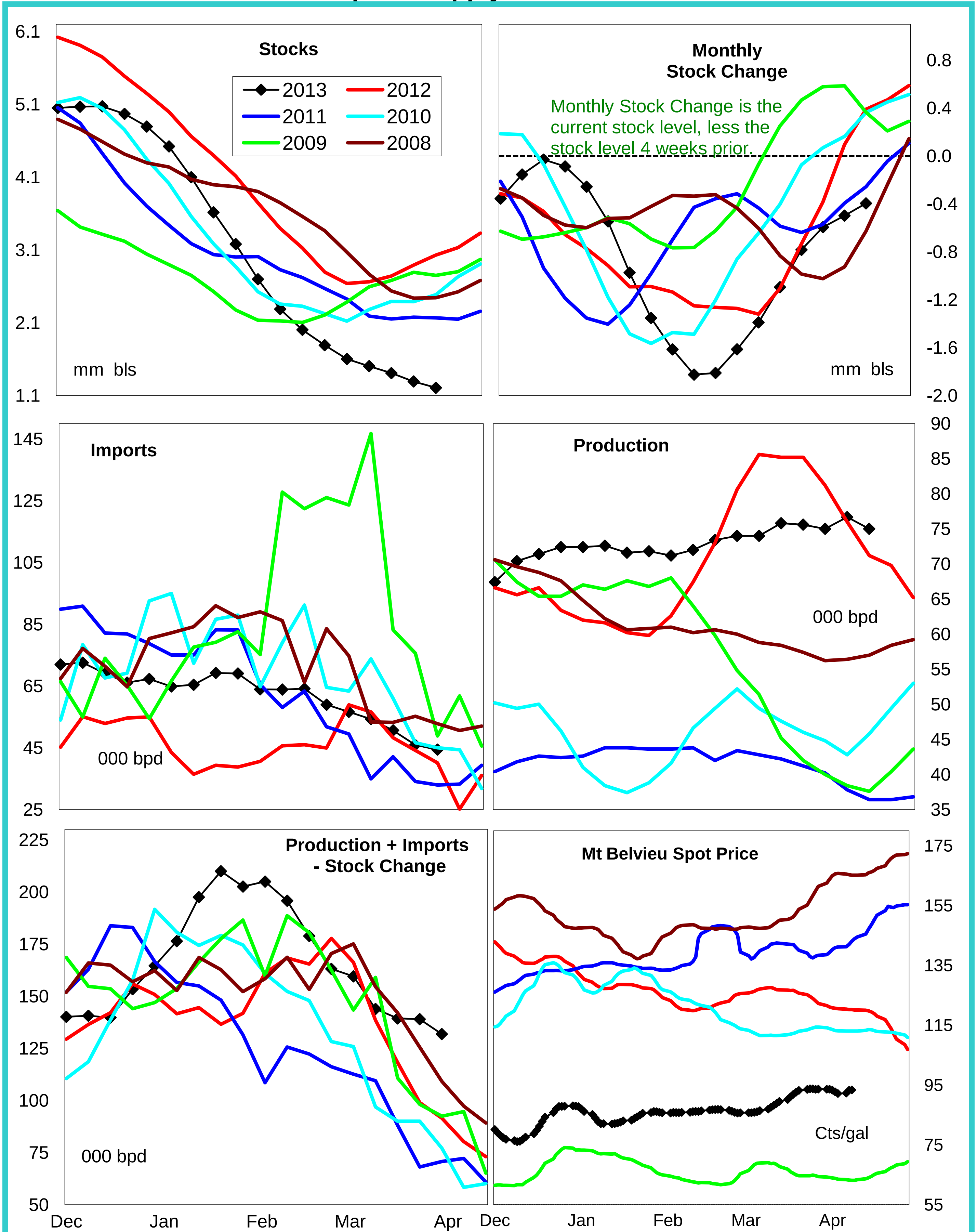
# PADD 1 Propane Supply and Demand Balance




| 4 wk avg variance prior year | Stocks | 4wk stk | Prod | Imports | Prod + Imp - Stk chg |
|---|---|---|---|---|---|
| 000 bpd (000 bls stks) | -1,853 | -786 | -3 | -1 | 27 |
| % change | -60.6 | -201.2 | -3.5 | -2.4 | 23.9 |



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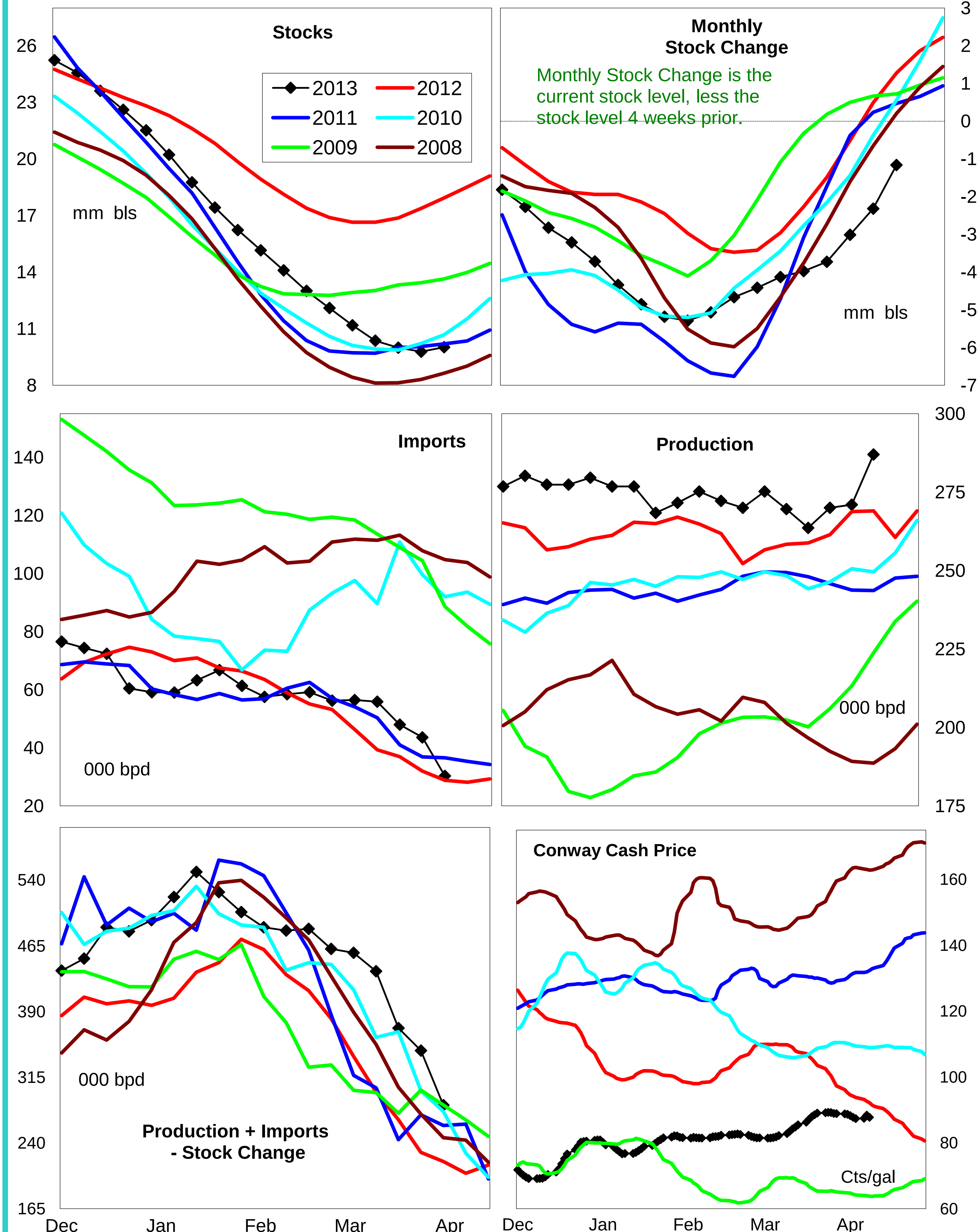
# PADD 2 Propane Supply and Demand Balance




| 4 wk avg variance prior year | Stocks | 4wk stk | Prod | Imports | Prod + Imp - Stk chg |
|---|---|---|---|---|---|
| 000 bpd (000 bls stks) | -7,949 | -2,439 | 0 | 13 | 106 |
| % change | -44.2 | -191.0 | -0.1 | 40.7 | 41.7 |



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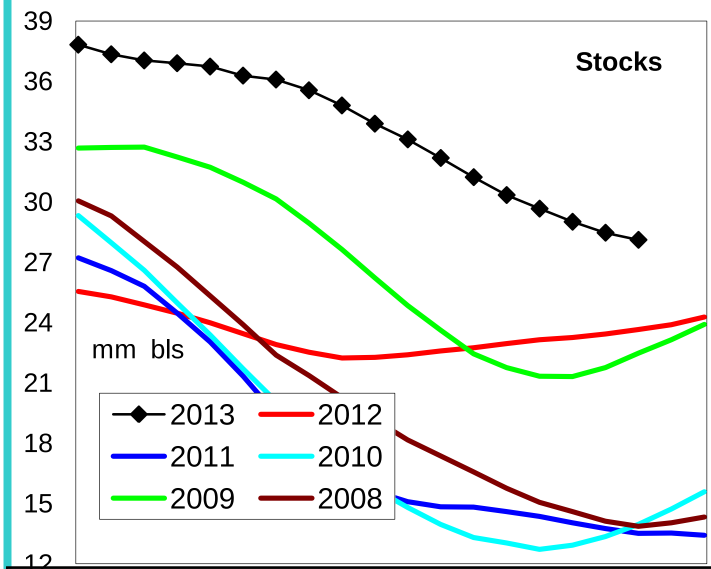
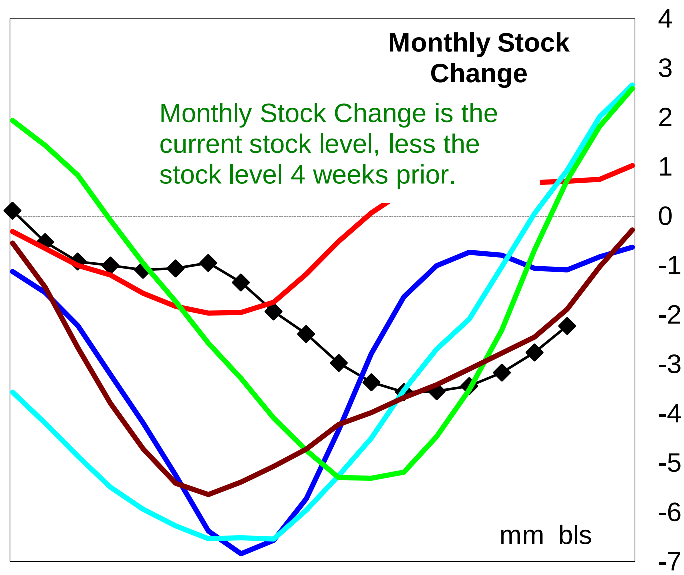
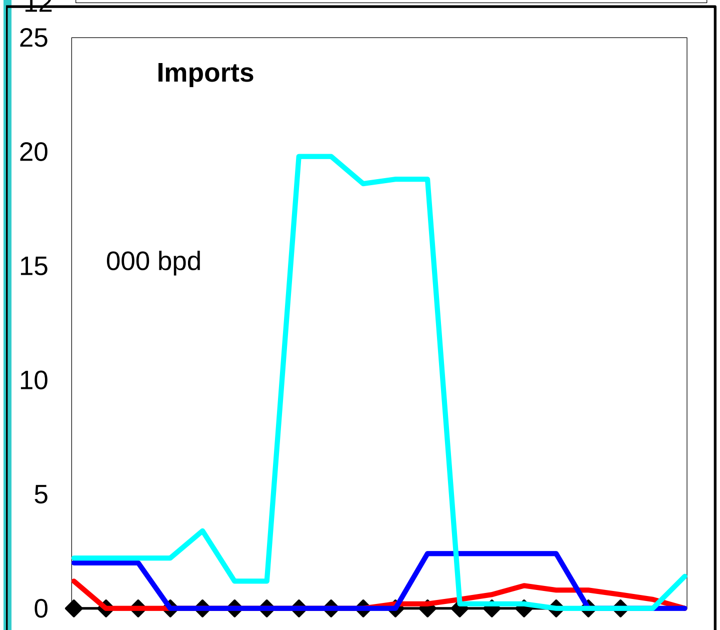
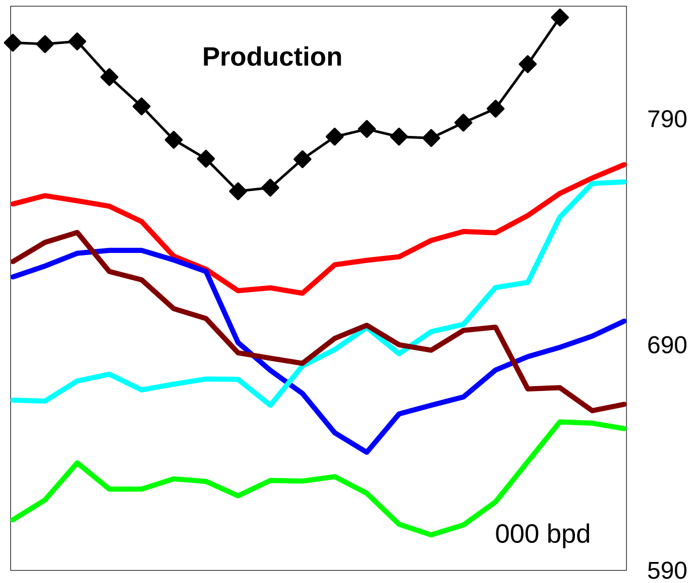
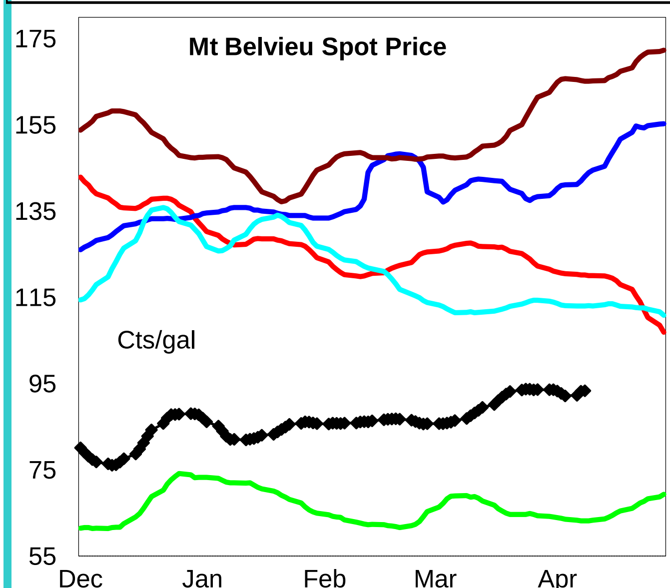
# PADD 3 Propane Supply and Demand Balance

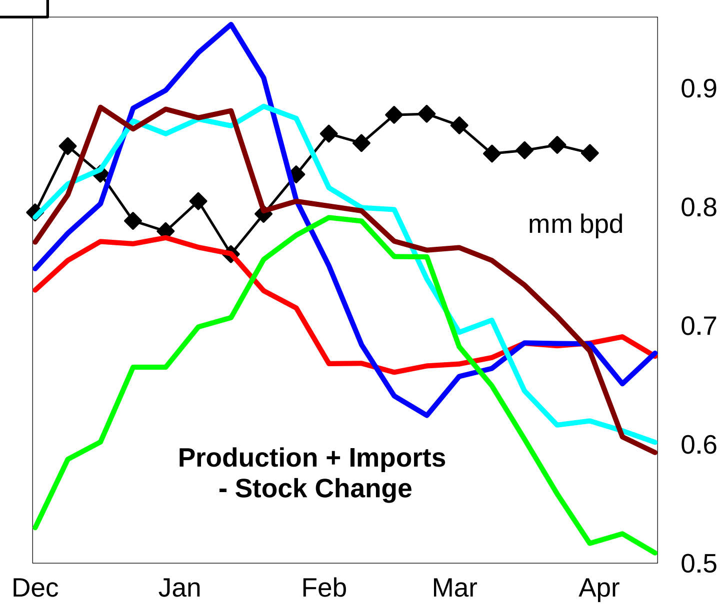


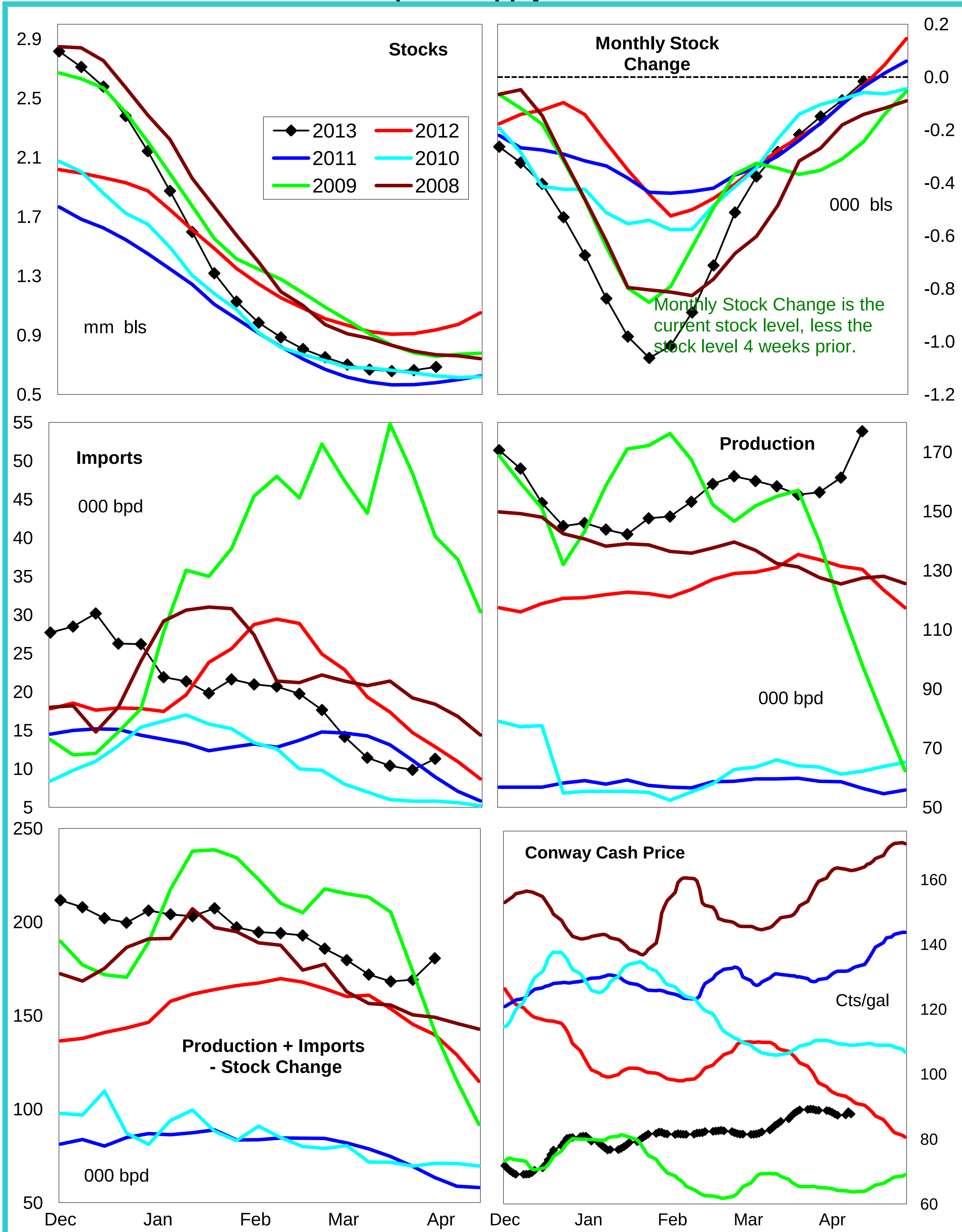




| 4 wk avg variance prior year | Stocks | 4wk stk | Prod | Imports | Prod + Imp - Stk chg |
|---|---|---|---|---|---|
| 000 bpd (000 bls stks) | 4,603 | -2,930 | 60 | -1 | 166 |
| % change | 19.6 | -417 | 8.1 | -100.0 | 23.0 |

# PADDs 4 and 5 Propane Supply and Demand Balance




| 4 wk avg variance prior year | Stocks | 4wk stk | Prod | Imports | Prod + Imp - Stk chg |
|---|---|---|---|---|---|
| 000 bpd (000 bls stks) | -219 | 16 | 27 | -5 | 23 |
| % change | -24.2 | -50.3 | 20.4 | -35.3 | 15.0 |



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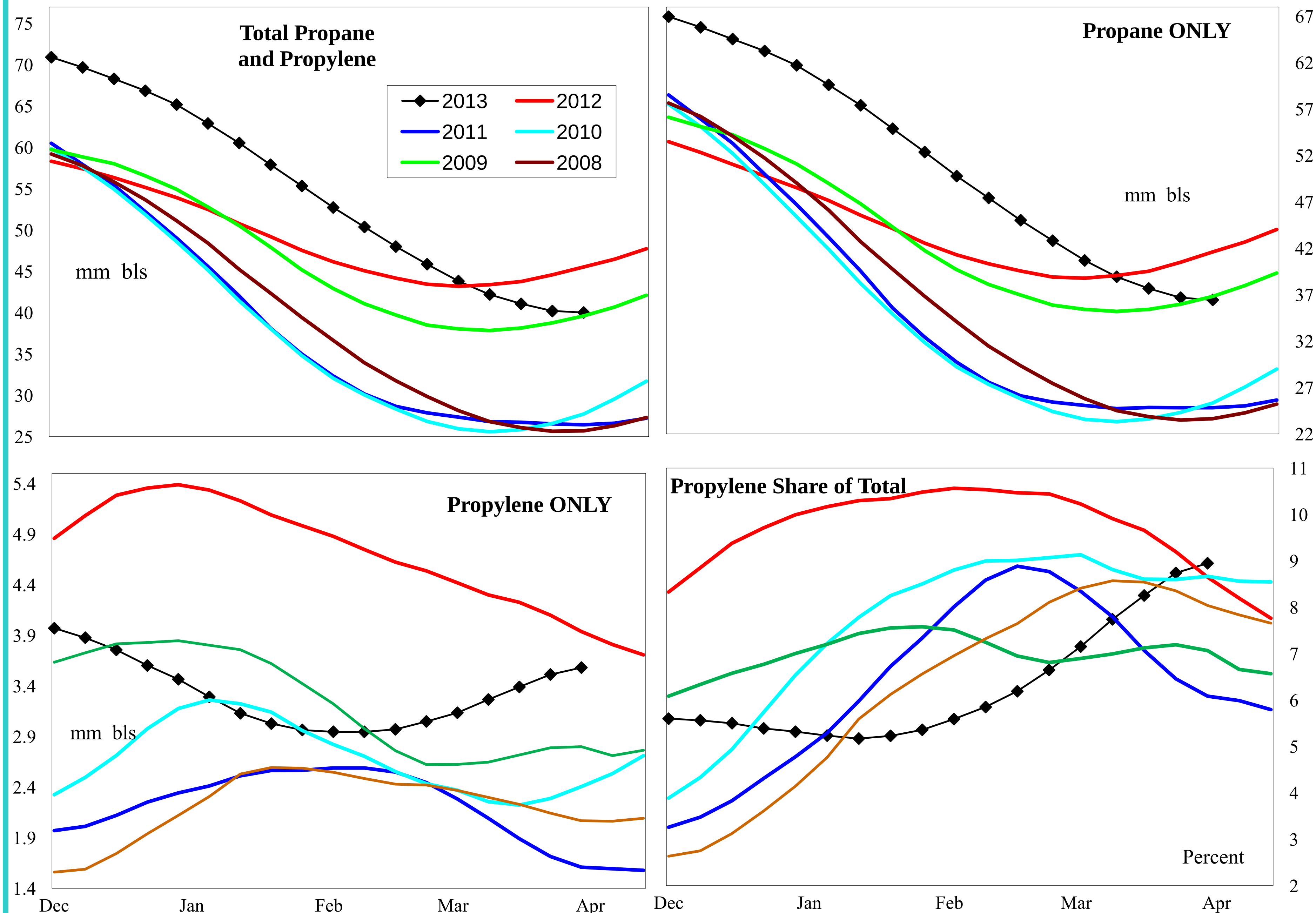
# U. S. Propane and Propylene Stocks




| Variance to prior year | Total | Propane ONLY | Propylene ONLY |
|---|---|---|---|
| 000 bls | -5,417 | -5,004 | -356 |
| % change | -11.9 | -12.1 | -9.0 |

# U. S. Petroleum Administrative for Defense Districts (PADDs)