

Vermont Fuel Price Report

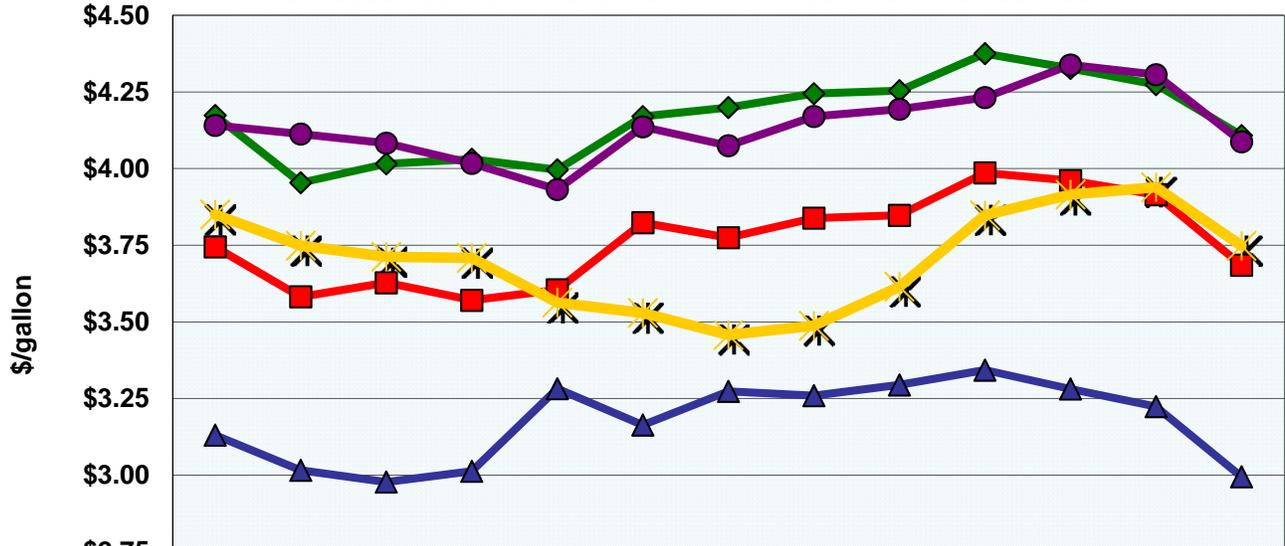
June 2012

EIA-Short-Term Energy Outlook – Highlights

- West Texas Intermediate (WTI) crude oil spot prices averaged more than \$100 per barrel over the first 4 months of 2012. The WTI spot price then fell from \$106 per barrel on May 1 to \$83 per barrel on June 1, reflecting market concerns about world economic and oil demand growth. EIA projects the price of WTI crude oil to average about \$95 per barrel over the second half of 2012 and the U.S. refiner acquisition cost of crude (RAC) to average \$100 per barrel, both almost \$11 per barrel lower than last month's Outlook. EIA expects crude oil prices to remain relatively flat in 2013. This forecast rests on the assumption that U.S. real gross domestic product (GDP) grows by 2.2 percent this year and 2.4 percent next year, while world oil-consumption-weighted real GDP grows by 3.1 percent and 3.5 percent in 2012 and 2013, respectively. The recent economic and financial news that points towards weaker economic outlooks could lead to lower economic growth forecasts and further downward revisions to EIA's crude oil price forecasts.
- EIA has lowered the average regular gasoline retail price forecast for the 2012 April-through-September summer driving season to \$3.60 per gallon from \$3.79 per gallon in last month's Outlook. EIA expects regular gasoline retail prices, which averaged \$3.53 per gallon in 2011, to average \$3.56 per gallon in 2012 and \$3.51 per gallon in 2013.
- EIA expects U.S. total crude oil production to average 6.3 million barrels per day (bbl/d) in 2012, an increase of 0.6 million bbl/d from last year, and the highest level of production since 1997. Projected U.S. domestic crude oil production increases to 6.7 million bbl/d in 2013.
- Natural gas working inventories ended May 2012 at an estimated 2.9 trillion cubic feet (Tcf), about 31 percent above the same time last year. EIA's average 2012 Henry Hub natural gas spot price forecast is \$2.55 per million British thermal units (MMBtu), which is \$0.10 per MMBtu higher than last month's Outlook. EIA expects that Henry Hub spot prices will average \$3.23 per MMBtu in 2013.
- Based on the outlook from the National Oceanic and Atmospheric Administration for the current Atlantic hurricane season, EIA estimates median outcomes for total shut-in production in the Federal Gulf of Mexico (GOM) during the upcoming hurricane season (June through November) of about 4.5 million barrels of crude oil and 9.5 billion cubic feet (Bcf) of natural gas (see [2012 Outlook for Hurricane-Related Production Outages in the Gulf of Mexico](#)). Actual shut-ins are likely to differ significantly from this estimate depending on the number, track, and strength of hurricanes as the season progresses.

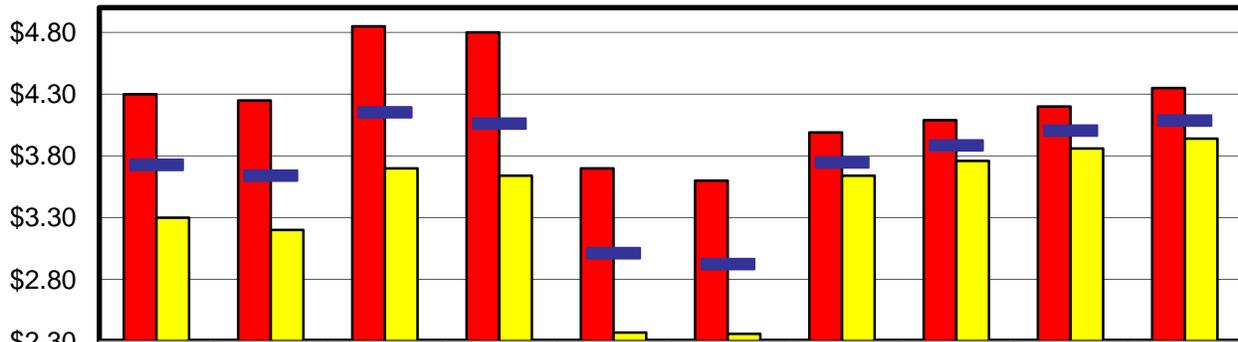
For additional energy related information and data visit the EIA website at <http://www.eia.gov/>

Vermont Fuel Prices -One-Year Trend



	Jun'11	July '11	Aug'11	Sep'11	Oct '11	Nov' 11	Dec '11	Jan' 12	Feb'12	Mar'12	Apr'12	May'12	June'12
■ Fuel Oil #2	\$3.74	\$3.58	\$3.63	\$3.57	\$3.60	\$3.82	\$3.774	\$3.84	\$3.847	\$3.986	\$3.961	\$3.915	\$3.685
◆ Kerosene	\$4.17	\$3.95	\$4.02	\$4.03	\$4.00	\$4.17	\$4.199	\$4.24	\$4.254	\$4.375	\$4.327	\$4.274	\$4.108
▲ Propane	\$3.13	\$3.02	\$2.98	\$3.01	\$3.28	\$3.16	\$3.273	\$3.26	\$3.294	\$3.342	\$3.281	\$3.223	\$2.994
✱ Gasoline	\$3.85	\$3.75	\$3.71	\$3.71	\$3.56	\$3.53	\$3.457	\$3.49	\$3.615	\$3.848	\$3.915	\$3.939	\$3.748
● Diesel	\$4.14	\$4.11	\$4.08	\$4.02	\$3.93	\$4.14	\$4.075	\$4.17	\$4.194	\$4.232	\$4.338	\$4.306	\$4.087

Fuel Price Ranges in Vermont



	Oil-Credit	Oil-Cash	Kero-Credit	Kero-Cash	Pro-Credit	Pro-Cash	Regular Gasoline	Mid Grade Gasoline	Super Gasoline	Diesel
■ Maximum	\$4.30	\$4.25	\$4.85	\$4.80	\$3.70	\$3.60	\$3.99	\$4.09	\$4.20	\$4.35
■ Minimum	\$3.30	\$3.20	\$3.70	\$3.64	\$2.37	\$2.36	\$3.64	\$3.76	\$3.86	\$3.94
— Average	\$3.73	\$3.64	\$4.15	\$4.06	\$3.01	\$2.93	\$3.75	\$3.89	\$4.01	\$4.09

NOTE: The Vermont Fuel Price Report is published monthly by the Vermont Department of Public Service. Prices are collected on or about the first Monday of each month and reflect dealer discounts for cash or self-service, except propane prices, which are an average of the credit and discount price. Propane prices are based on 1,000 + gallons. For more information please contact Mike Kundrath at (802) 828-4081 or by email at michael.kundrath@state.vt.us.

Vermont Average Retail Petroleum Prices (per gallon)

	June12	May'12	%change	Jun'11	%change
No. 2 Fuel Oil	\$3.685	\$3.915	-5.87%	\$3.74	-1.59%
Kerosene	\$4.108	\$4.274	-3.89%	\$4.17	-1.57%
Propane	\$2.994	\$3.223	-7.10%	\$3.13	-4.34%
Reg. Unleaded Gasoline	\$3.748	\$3.939	-4.85%	\$3.85	-2.66%
Diesel	\$4.087	\$4.306	-5.09%	\$4.14	-1.30%

Comparing the Cost of Heating Fuels

Type of Energy	BTU/unit	Adj Effic	\$/unit	\$/MMBtu
Fuel Oil, gallon	138,200	80%	\$3.68	\$33.33
Kerosene, gallon	136,600	80%	\$4.11	\$37.59
Propane, gallon	91,600	80%	\$2.99	\$40.86
Natural Gas, therm	100,000	80%	\$1.60	\$19.97
Electricity, kwh	3,412	100%	\$0.15	\$43.46
Wood, cord (green)	22,000,000	60%	\$190.00	\$14.39
Pellets, ton	16,400,000	80%	\$247.00	\$18.83

* The natural gas price is based on the rate effective 4/22/12

*Wood green updated 11/16/11

If you are looking for possible savings on your heating costs consider replacing your less efficient unit with a high efficiency furnace/ boiler. Contact your local fuel dealer for more information. The table on page 4 is illustrative of theoretical potential savings of Standard Efficiency v. High Efficiency furnaces/boilers. Contact your local fuel dealer for more information.

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Comparing the Cost of Heating Fuels at High Efficiency

	Standard Efficiency		High Efficiency	Theoretical Savings/mmBTU		
	Adj Effic	\$/MMBtu	AFUE	\$/MMBtu		
Fuel Oil, gallon	80%	\$33.33	86%	\$31.00	\$2.33	
Kerosene, gallon	80%	\$32.95	88%	\$30.65	\$2.30	Kerosene - Heater
Propane, gallon	80%	\$45.52	95%	\$42.34	\$3.18	Propane - Furnace
		\$46.15	85%	\$42.93		Propane - Boiler
Natural Gas, therm	80%	\$18.56	95%	\$17.26	\$1.29	Natural Gas - Furnace
		\$20.03	88%	\$18.64		Natural Gas - Boiler
Wood, cord (green)	60%	\$14.39	68%	\$12.70	\$1.69	Woodstove
Pellets, ton	80%					

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