# Average Residential Heating Oil Prices Nebraska

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#### **Analysis**

On October 15, 2007, the average residential <u>heating oil</u> price had relatively no change from last week at \$2.70 per gallon (see the <u>table</u> at the end of this report). The <u>graph</u> below shows the spread in prices from month to month and from this year compared to previous years. This week's average price was 58 cents (or 27 percent) higher than the price at this time last year.

Other <u>states</u> in the Midwest Region had comparable prices ranging from \$2.69 to \$2.92 with the region averaging \$2.81 per gallon. States near Nebraska, such as Iowa, Minnesota, and Wisconsin, had prices of \$2.75, \$2.92, and \$2.84, respectively.

While wholesale prices had fallen nearly three cents this week and the <u>rack</u>-to-retail margin increased to 23 cents, Nebraska retail prices are among the lowest of the surveyed states in the region. (Nebraska is in the mid-range of the wholesale prices of the surveyed states in the region.)

For the week ending October 12, the Midwest heating oil inventory level was at the upper boundary of the normal range for this time of year at 2.7 million barrels.

Notes: The <u>annual report</u> for the 2006-2007 winter season is available. An <u>archive</u> houses annual reports from previous years.

A general rule of thumb: A dollar increase in the <u>West Texas Intermediate</u> (WTI) crude oil price will result in a 2.5-cent increase in the price of heating oil. Likewise, a dollar decrease in the WTI crude oil price will result in a 2.5-cent decrease in the price of heating oil.

#### **Heating Season**

The Nebraska Energy Office has participated in the State Heating Oil and Propane Program for seven years. During the heating season (October to March), the staff contact companies each week who supply heating oil to Nebraska, collect Monday's retail price, and submit the data to the <a href="Energy Information Administration">Energy Information Administration</a>. The Energy Information Administration calculates the average price shown in the <a href="table">table</a> below.

In the Midwest Region, Nebraska's average residential heating oil price has been the lowest price each week. The Energy Information Administration theorized that this was due to minimal transportation costs. Another reason would be the number of participating states. Since state participation in the program is voluntary, heating oil prices were not surveyed in each state in the Midwest Region. Kansas and Oklahoma might also have had low prices--possibly lower than Nebraska's because the two states are closer to heating oil sources.

#### Off Season

During the off season (April through September), the Nebraska Energy Office staff continue to contact the same suppliers who were contacted during the heating

season. Staff contact suppliers once a month instead of once a week since the price of heating oil is usually not as volatile during the off season. The Nebraska Energy Office staff calculate the average price, shown in the <u>table</u> below, from the suppliers' retail prices on the first Monday of the month.

#### **State Heating Oil and Propane Program**

The Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy, conducts the State Heating Oil and Propane Program from October to March--the heating season--each year. The Energy Information Administration collects prices for the program each week from participating states and calculates a state average price, a regional average price, and a national average price which can be seen in the report Residential Heating Oil Prices by Region and State.

#### **Midwest Region**

For statistical purposes, the Energy Information Administration defines the <u>Midwest region</u> to include the states of Iowa, Illinois, Indiana, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, and Wisconsin.

### **Price Explanation**

Nov

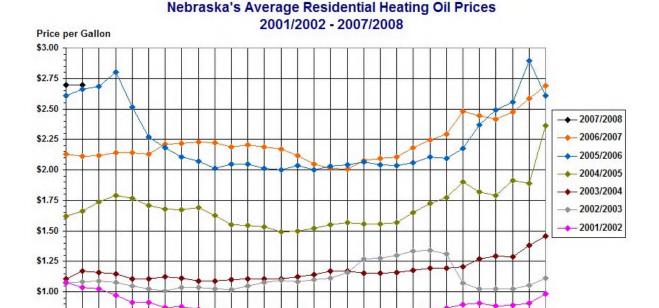
Dec

\$0.75

Oct

The prices represent average residential home heating charge prices for home delivery of No. 2 heating oil, excluding taxes and cash discounts.

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## Nebraska's Average Residential Heating Oil Prices

Feb

Apr May Jun Jul Aug Sep

2001/2002 - 2007/2008

	Heating Season							Off Season						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
2001/2														

		Н	eating	Seaso	n				Off Se	ason		
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
First Monday	\$1.076	\$0.916	\$0.857	\$0.825	\$0.800	\$0.819	\$0.894	\$0.908	\$0.887	\$0.889	\$0.905	\$0.982
Second Monday	\$1.038	\$0.916	\$0.824	\$0.824	\$0.802	\$0.844						
Third Monday	\$1.026	\$0.874	\$0.805	\$0.798	\$0.809	\$0.865						
Fourth Monday	\$0.971	\$0.878	\$0.799	\$0.790	\$0.808							
Fifth Monday	\$0.940		\$0.812									
2002/2	2003											
First Monday	¢1 072	\$1.049	\$1.026	\$1,004	¢1 162	¢1 226	\$1.074	\$1,027	\$1,023	\$1,026	\$1,051	\$1,113
Second							Φ1.074	φ1.027	\$1.023	\$1.020	\$1,031	φ1.113
Monday Third		\$1.025										
Monday Fourth		\$1.008				\$1.313						
Monday Fifth	\$1.077	\$1.039	\$1.047	\$1.113	\$1.302							
Monday			\$1.078									
2003/2	2004		I						I			
First Monday	\$1.109	\$1.109	\$1.088	\$1.108	\$1.171	\$1.177	\$1,205	\$1.272	\$1.292	\$1.287	\$1.381	\$1.457
Second Monday	\$1.168	\$1.105	\$1.088	\$1.126	\$1.153	\$1.193						
Third Monday	\$1.161	\$1.122	\$1.101	\$1.143	\$1.154	\$1.197						
Fourth Monday	\$1.148	\$1.114	\$1.108	\$1.168	\$1.157							
Fifth			\$1,106									
Monday			Ψιιου									
Monday		F		Seaso	n				Off	Season		
Monday	Oct	H Nov		Seasoi Jan	n Feb	Mar	Apr	May	Off :	Season Jul	Aug	Sep
•		1	leating	1		Mar	Apr	Мау			Aug	Sep
2004/2	2005	Nov	leating Dec	Jan	Feb		-	-	Jun	Jul		-
First Monday Second	\$1.621	<b>Nov</b> \$1.768	Dec \$1.629	<b>Jan</b> \$1.495	<b>Feb</b> \$1.557	\$1.727	-	<b>May</b> \$1.822		Jul	<b>Aug</b> \$1.892	<b>Sep</b> \$2.365
First Monday Second Monday Third	\$1.621	\$1.768 \$1.710	Dec   \$1.629   \$1.548	\$1.495 \$1.496	<b>Feb</b> \$1.557 \$1.554	\$1.727	-	-	Jun	Jul		-
First Monday Second Monday Third Monday Fourth	\$1.621 \$1.661 \$1.736	\$1.768 \$1.710 \$1.678	\$1.629 \$1.548 \$1.546	\$1.495 \$1.496 \$1.519	\$1.557 \$1.554 \$1.571	\$1.727	-	-	Jun	Jul		-
First Monday Second Monday Third Monday	\$1.621 \$1.661 \$1.736	\$1.768 \$1.710	\$1.629 \$1.548 \$1.546	\$1.495 \$1.496 \$1.519	\$1.557 \$1.554 \$1.571	\$1.727	-	-	Jun	Jul		-
First Monday Second Monday Third Monday Fourth Monday Fifth Monday	\$1.621 \$1.661 \$1.736 \$1.788	\$1.768 \$1.710 \$1.678	\$1.629 \$1.548 \$1.546	\$1.495 \$1.496 \$1.519	\$1.557 \$1.554 \$1.571	\$1.727	-	-	Jun	Jul		-
First Monday Second Monday Third Monday Fourth Monday Fifth Monday	\$1.621 \$1.661 \$1.736 \$1.788	\$1.768 \$1.710 \$1.678	\$1.629 \$1.548 \$1.546	\$1.495 \$1.496 \$1.519 \$1.549	\$1.557 \$1.554 \$1.571	\$1.727	-	-	Jun	Jul		-
First Monday Second Monday Third Monday Fourth Monday Fifth Monday Fifth Monday Fifth Monday First Monday	\$1.621 \$1.661 \$1.736 \$1.788	\$1.768 \$1.710 \$1.678 \$1.672 \$1.688	\$1.629 \$1.548 \$1.531	\$1.495 \$1.496 \$1.519 \$1.549 \$1.566	\$1.557 \$1.554 \$1.571 \$1.649	\$1.727	\$1,900	-	Jun	Jul		-
First Monday Second Monday Third Monday Fourth Monday Fifth Monday 2005/2	\$1.621 \$1.661 \$1.736 \$1.788	\$1.768 \$1.710 \$1.678 \$1.672 \$1.688	\$1.629 \$1.548 \$1.531 \$2.014	\$1.495 \$1.496 \$1.519 \$1.549 \$1.566	\$1.557 \$1.554 \$1.571 \$1.649	\$1.727 \$1.773 \$2.108	\$1,900	\$1.822	<b>Jun</b>	\$1.912	\$1.892	\$2.365
First Monday Second Monday Third Monday Fourth Monday Fifth Monday Fifth Monday First Monday Second	\$1.621 \$1.661 \$1.736 \$1.788 <b>006</b> \$2.608 \$2.661	\$1.768 \$1.710 \$1.678 \$1.688 \$2.269	\$1.629 \$1.548 \$1.546 \$1.531 \$2.014	\$1.495 \$1.496 \$1.519 \$1.549 \$1.566 \$2.001	\$1.557 \$1.554 \$1.571 \$1.649 \$2.067 \$2.044	\$1.727 \$1.773 \$2.108	\$1,900	\$1.822	<b>Jun</b>	\$1.912	\$1.892	\$2.365
First Monday Fourth Monday Fifth Monday Fifth Monday First Monday Second Monday First Monday Second Monday Third	\$1.621 \$1.661 \$1.736 \$1.788 <b>006</b> \$2.608 \$2.661 \$2.686	\$1.768 \$1.710 \$1.678 \$1.672 \$1.688 \$2.269	\$1.629 \$1.548 \$1.546 \$1.531 \$2.014 \$2.050	\$1.495 \$1.496 \$1.519 \$1.549 \$1.566 \$2.001 \$2.034	\$1.557 \$1.554 \$1.571 \$1.649 \$2.067 \$2.044 \$2.033	\$1.727 \$1.773 \$2.108	\$1,900	\$1.822	<b>Jun</b>	\$1.912	\$1.892	\$2.365
First Monday Fourth Monday Fifth Monday Fifth Monday Fifth Monday First Monday Second Monday Third Monday Fourth Monday Fourth Monday Fourth Monday Fourth Monday Fourth Monday	\$1.621 \$1.661 \$1.736 \$1.788 <b>006</b> \$2.608 \$2.661 \$2.686	\$1.768 \$1.710 \$1.678 \$1.672 \$1.688 \$2.269 \$2.181 \$2.106	\$1.629 \$1.548 \$1.546 \$1.531 \$2.014 \$2.050	\$1.495 \$1.496 \$1.519 \$1.549 \$1.566 \$2.001 \$2.034	\$1.557 \$1.554 \$1.571 \$1.649 \$2.067 \$2.044 \$2.033	\$1.727 \$1.773 \$2.108	\$1,900	\$1.822	<b>Jun</b>	\$1.912	\$1.892	\$2.365

		Н	leating	Seaso	n		Off Season						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
First Monday	\$2.128	\$2.128	\$2.221	\$2.169	\$2.079	\$2.246	\$2.478	\$2.447	\$2.418	\$2.472	\$2.586	\$2.690	
Second Monday	\$2.110	\$2.209	\$2.189	\$2.117	\$2.097	\$2.293							
Third Monday	\$2.118	\$2.215	\$2.204	\$2.045	\$2.108								
Fourth Monday	\$2.138	\$2.230	\$2.190	\$2.015	\$2.181								
Fifth Monday	\$2.138			\$2.009									
		H	leating	Seaso	n		Off Season						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
2007/2	800												
First Monday		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Second Monday	\$2.694	NA	NA	NA	NA	NA							
Third Monday	\$2.698	NA	NA	NA	NA	NA							
Fourth Monday	NA	NA	NA	NA	NA								
Fifth Monday	NA		NA										

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**Sources:** State Heating Oil and Propane Survey and the Weekly Petroleum Status Report. Energy Information Administration, Washington, DC. Nebraska Energy Office, Lincoln, NE.

Note: NA=Not Available.

This report was updated on October 22, 2007.

Typically, there is one week between updates during the heating season and one month between updates during the cooling season.

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