# Average Residential Heating Oil Prices Nebraska

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### **Analysis**

On August 6, 2007, the average residential <u>heating oil</u> price had risen eleven cents from last month to \$2.59 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 31 cents (or 11 percent) lower than the price at this time last year.

For the week ending July 27, the Midwest distillate inventory level was just below 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 six 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 was the lowest price each week during the heating seasons of the five years from 2001/2002 to 2005/2006. 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.

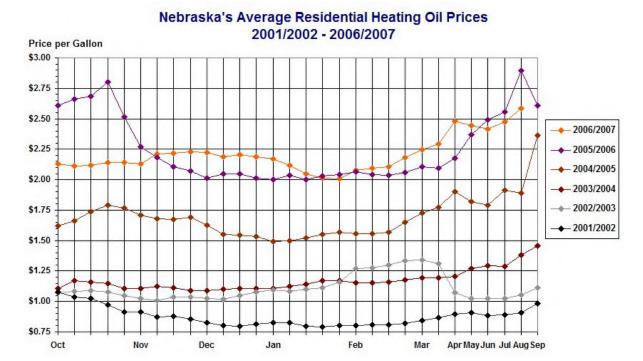
## **Midwest Region**

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**

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**

2001/2002 — 2006/2007

	Heating Season						Off Season						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
2001/2002													
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										
2002/2003													
First Monday	\$1.073	\$1.048	\$1.036	\$1.094	\$1.162	\$1.336	\$1.074	\$1.027	\$1.023	\$1.026	\$1.051	\$1.113	
Second Monday	\$1.086	\$1.025	\$1.022	\$1.084	\$1.269	\$1.339							
Third Monday	\$1.090	\$1.008	\$1.017	\$1.098	\$1,277	\$1.313							

	Heating Season						Off Season						
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Fourth Monday	\$1.077	\$1.039	\$1.047	\$1.113	\$1.302								
Fifth Monday			\$1.078										
2003/2004													
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 Monday			\$1.106										
2004/2005													
First Monday	\$1.621	\$1.768	\$1.629	\$1.495	\$1.557	\$1.727	\$1.900	\$1.822	\$1.792	\$1.912	\$1.892	\$2.365	
Second Monday	\$1.661	\$1.710	\$1.548	\$1.496	\$1.554	\$1.773							
Third Monday	\$1.736	\$1.678	\$1.546	\$1.519	\$1.571								
Fourth Monday	\$1.788	\$1.672	\$1.531	\$1.549	\$1.649								
Fifth Monday		\$1.688		\$1.566									
2005/2006													
First Monday	\$2.608	\$2.269	\$2.014	\$2.001	\$2.067	\$2.108	\$2.174	\$2.370	\$2.494	\$2.554	\$2.894	\$2.609	
Second Monday	\$2.661	\$2.181	\$2.050	\$2.034	\$2.044	\$2.092							
Third Monday	\$2.686	\$2.106	\$2.048	\$2.003	\$2.033								
Fourth Monday	\$2.804	\$2.070	\$2.012	\$2.030	\$2.061								
Fifth Monday	\$2,515			\$2.044									
2006/2007													
First Monday	\$2.128	\$2.128	\$2.221	\$2.169	\$2.079	\$2.246	\$2.478	\$2.447	\$2.418	\$2.472	\$2.586	NA	
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									

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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 August 16, 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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