

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

## Highlights MARCH 2011

Crude oil prices continue to rise. Unrest in North African and Middle Eastern countries pushed crude oil prices above \$100 per barrel. The February 2011 average price for Light Louisiana Sweet crude was \$106.21 per barrel. This represents a 37% increase over the February 2010 average price. The highest price on record for Louisiana Sweet crude is the June 2008 average of \$137.91 per barrel. The DOE-Energy Information Administration (EIA) is raising the 2011 US average crude oil prices forecast to \$105 per barrel from \$91 per barrel because of disruptions of crude export from Libya. The highest US annual average crude price on record is the 2008 average of \$94.22 per barrel.

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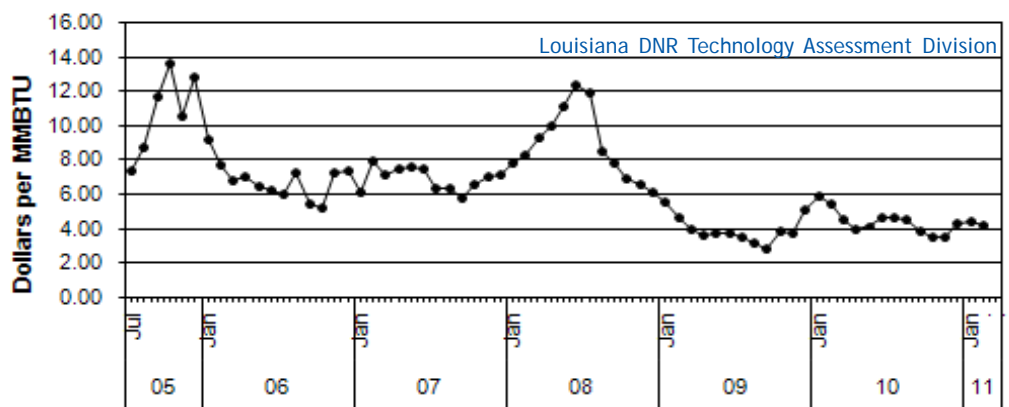
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### Louisiana Natural Gas Average Spot Prices

#### Dollars per MMBTU

Month	Dollars per MMBTU						% Change	
	2006	2007	2008	2009	2010	2011	09/10	10/11
January	9.11	6.12	7.78	5.55	5.89	4.35	6.07%	-26.13%
February	7.72	7.88	8.24	4.60	5.39	4.11	17.19%	-23.73%
March	6.77	7.15	9.23	3.97	4.46		12.31%	
April	7.05	7.50	9.94	3.54	3.89		9.96%	
May	6.46	7.59	11.14	3.65	4.09		12.23%	
June	6.19	7.51	12.35	3.66	4.65		27.11%	
July	6.00	6.36	11.87	3.46	4.58		32.42%	
August	7.27	6.33	8.52	3.18	4.45		39.82%	
September	5.41	5.70	7.77	2.78	3.80		36.56%	
October	5.17	6.53	6.85	3.77	3.51		-6.97%	
November	7.23	6.96	6.51	3.74	3.52		-5.98%	
December	7.33	7.11	6.08	5.09	4.22		-17.06%	
<b>Year Average</b>	<b>6.81</b>	<b>6.89</b>	<b>8.86</b>	<b>3.92</b>	<b>4.37</b>	<b>4.23</b>		

\*\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	SEP 10	AUG 10	JUL 10	SEP 09
<b>LOUISIANA FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	44 <sup>1</sup>	44 <sup>1</sup>	40 <sup>1</sup>	49 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	129 <sup>1</sup>	136 <sup>1</sup>	130 <sup>1</sup>	146 <sup>1</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	167	171	168	166 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,811	1,858	1,824	1,682 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	275	294 <sup>2</sup>	307	278 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	286	304	327	307 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	977	981	971	704
U.S. Oil <sup>A</sup>	668	642	591	293
U.S. Offshore <sup>A</sup>	19	19	15	33
U.S. Total <sup>A</sup>	1,655	1,638	1,573	1,009
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	73.23	72.38	72.16	65.91
U.S. Imports Average <sup>C</sup> (F.O.B.)	71.74	71.27	71.01	65.41
U.S. Wellhead Average <sup>C</sup>	71.23	72.07	71.37	65.28 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	74.92	74.55	74.51	68.96
State Severance Wellhead Average <sup>E</sup>	74.13	75.14	72.81	56.03 <sup>2</sup>
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	5.71	6.23	6.32	5.32 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	3.76	4.14	4.40	2.91 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	3.78	4.22	4.36	2.98 <sup>2</sup>
State Royalty Wellhead Average	4.01	4.70	4.87	3.05 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.65	4.77	4.72	2.84

### Key

### Data Sources

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet	<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>2</b>	Revised	<b>MMB</b>	Million Barrels	<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>BCF</b>	Billion Cubic Feet	<b>NA</b>	Not Available	<b>C</b>	U. S. Dept. of Energy		
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf	<b>Note:</b> Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.			
<b>FO.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units				

### Note from the Editors

**Louisiana Energy Facts** is published monthly by the Louisiana Department of Natural Resources, Technology Assessment Division as a public service to individuals interested in Louisiana energy activities. Content includes recent oil, gas and other energy statistics and a brief analysis of current trends.

**Louisiana Energy Facts** articles provide insight and information on subjects of special interest to our readers, and may announce relevant, forthcoming publications.

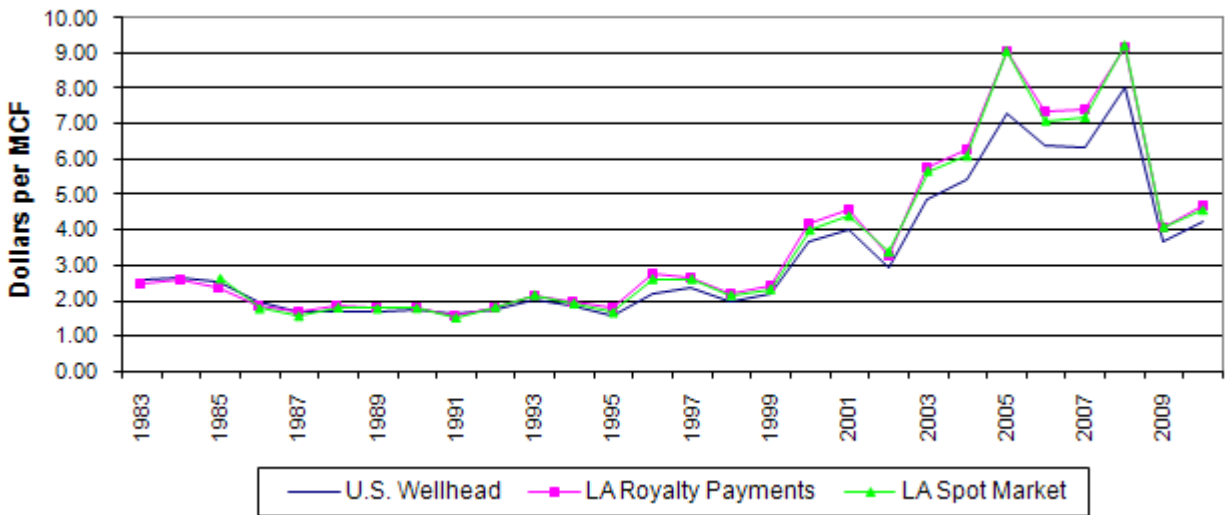
These documents are available on the Louisiana Department of Natural Resources, Technology Assessment Division home page: <http://www.dnr.louisiana.gov/tad>. From the menu, select **Energy Data & Reports**; choose **Louisiana Energy Facts Newsletter**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

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# Natural Gas Average Prices (Dollars per MCF)

Louisiana DNR Technology Assessment Division

	<b>UNITED STATES</b>			<b>LOUISIANA</b>	
	<u>Wellhead</u> <sup>C</sup>	<u>Foreign Imports</u> <sup>C</sup>	<u>City Gate</u> <sup>C</sup>	<u>Royalty Payments</u>	<u>Spot Market</u> <sup>D</sup>
1988	1.69	2.00	2.92	1.86	1.79
1989	1.69	2.04	3.01	1.77	1.76
1990	1.71	1.94	3.03	1.79	1.77
1991	1.63 <sup>2</sup>	1.82 <sup>2</sup>	2.90	1.57	1.50
1992	1.73 <sup>2</sup>	1.85	3.01	1.77	1.80
1993	2.03 <sup>2</sup>	2.03	3.21	2.14	2.15
1994	1.85	1.87	3.07	1.98	1.91
1995	1.55	1.49	2.78	1.78 <sup>2</sup>	1.65
1996	2.16 <sup>2</sup>	1.96 <sup>2</sup>	3.27	2.78	2.60
1997	2.32	2.15	3.66	2.62	2.60
1998	1.96	1.97	3.07	2.22	2.14
1999	2.19	2.23	3.10	2.42	2.31
2000	3.69	3.88	4.62	4.16	3.98
2001	4.00	4.36	5.24	4.55 <sup>2</sup>	4.38
2002	2.95	3.14	4.10	3.29 <sup>2</sup>	3.37
2003	4.88	5.18	5.84	5.74	5.66
2004	5.46	5.78	6.61	6.29	6.08
2005	7.33	8.09	8.72	9.03 <sup>2</sup>	9.05
2006	6.40 <sup>2</sup>	6.87	8.28	7.35 <sup>2</sup>	7.08
2007	6.38 <sup>2</sup>	6.87	8.02 <sup>2</sup>	7.39	7.17
2008	8.07	8.77	9.59	9.17 <sup>2</sup>	9.21
2009	3.66 <sup>2</sup>	4.14 <sup>2</sup>	6.12 <sup>2</sup>	4.05 <sup>2</sup>	4.07
2010	4.25	4.58	6.17	4.66	4.55



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## Quick Facts

## MARCH 2011

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Feb 11	Jan 11	Feb 10
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	4.11	4.35	5.39
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	4.32	4.22	5.27
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	106.21	97.57	77.43

### BAKER HUGHES RIG COUNTS

	Jan 11	Dec 10	Jan 10
North Louisiana <sup>A</sup>	119	122	130
South Louisiana Inland Waters <sup>A</sup>	14	14	13
South Louisiana Inland <sup>A</sup>	15	17	12
Louisiana State Offshore	0	1	1
Louisiana Federal OCS Offshore	22	20	37
Total Louisiana <sup>A</sup> (OCS included)	169	175	193

### PRODUCTION (State Jurisdiction Only)

	Jan 11	Dec 10	Jan 10
Louisiana Crude Oil & Condensate (MMB)	5.6 <sup>1</sup>	5.7 <sup>1</sup>	5.4 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	185.9 <sup>1</sup>	185.8 <sup>1</sup>	149.6 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Jan 11	Dec 10	Jan 10
Total Louisiana Oil and Gas	113	156	172
Louisiana Wildcats	0	6	3
Louisiana Offshore (Wildcats included)	4	1	1