

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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Alternative Motor Vehicle  
Fuels in Louisiana:  
June 2005 Update



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## Highlights

## AUGUST 2005

Oil prices continue to rise. For the first time since NYMEX started trading oil commodities in 1983, crude oil spot market prices remained above \$61 per barrel for an entire week. Prices increased by 40 percent over the past year and traded at \$63.80 per barrel on August 8. This high price reflects market fears that oil supplies will become scarce due to the power transition in Saudi Arabia following the death of King Fahd, the closure of the U.S. embassy in Saudi Arabia in response to security threats, and the possible shutdown of US oil refineries due to earlier accidents.

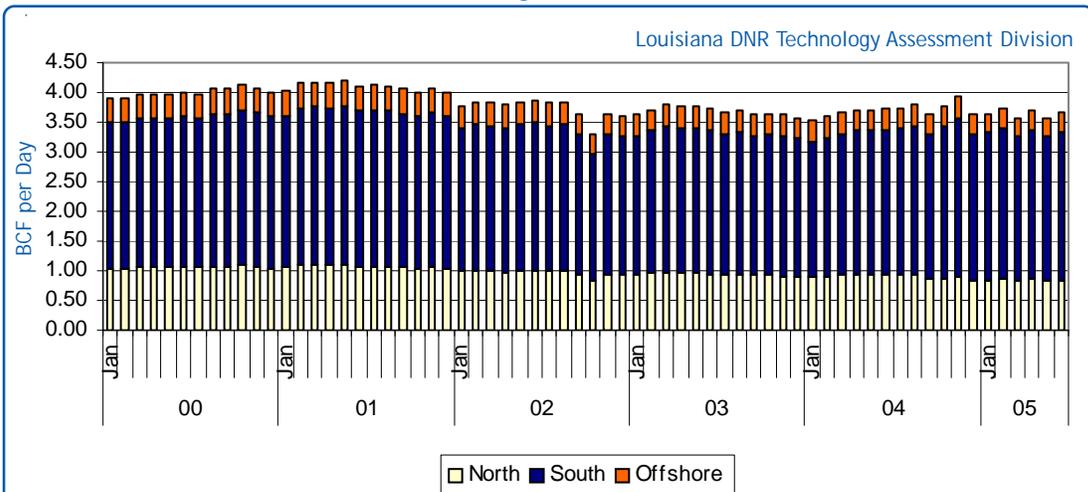
### Louisiana Natural Gas & Casinghead Production\* Excluding Federal OCS

Month	BCF Per Day						% Change	
	2000	2001	2002	2003	2004	2005	03/04	04/05
January	3.90	4.02	3.78	3.63	3.52	3.64		3.37%
February	3.91	4.16	3.84	3.71	3.59	3.73		3.75%
March	3.97	4.17	3.83	3.78	3.66	3.58		-2.27%
April	3.96	4.17	3.78	3.78	3.71	3.70		-0.25%
May	3.98	4.19	3.84	3.76	3.71	3.57		-4.01%
June	4.01	4.12	3.88	3.73	3.73 <sup>2</sup>	3.67		-1.49%
July	3.98	4.12	3.82	3.67	3.75 <sup>2</sup>		2.11%	
August	4.06	4.11	3.84	3.70	3.79 <sup>2</sup>		2.50%	
September	4.06	4.05	3.65	3.63	3.64 <sup>2</sup>		0.23%	
October	4.12	4.00	3.28	3.65	3.75 <sup>2</sup>		2.83%	
November	4.06	4.07	3.64	3.62	3.92 <sup>2</sup>		8.37%	
December	4.00	3.99	3.61	3.57	3.63 <sup>2</sup>		1.59%	
<b>Year Average</b>	<b>4.00</b>	<b>4.10</b>	<b>3.73</b>	<b>3.69</b>	<b>3.70<sup>2</sup></b>	<b>3.65<sup>**</sup></b>		

\* All data are revised, see July 2001 statistics changes explanation.

\*\* Partial Year

### Louisiana Natural Gas & Casinghead Production Excluding Federal OCS



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	FEB 05	JAN 05	DEC 04	FEB 04
<b>PRODUCTION</b>				
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>C</sup> (MMB)	39	41	42 <sup>2</sup>	40
Natural Gas & Casinghead <sup>C</sup> (BCF)	232	257	243 <sup>2</sup>	264 <sup>2</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	160	167	169	162
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,486	1,597	1,596 <sup>2</sup>	1,512 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	284	305	311	268
U.S. Natural Gas <sup>C</sup> (BCF)	356	402	413 <sup>2</sup>	346 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	1,083	1,075	1,064 <sup>2</sup>	961
U.S. Oil <sup>A</sup>	192	178	180	153
U.S. Offshore <sup>A</sup>	104	103	106	99
U.S. Total <sup>A</sup>	1,276	1,255	1,246	1,119
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	41.03	37.51	32.52 <sup>2</sup>	28.70
U.S. Imports Average <sup>C</sup> (F.O.B.)	39.05	35.65	31.67 <sup>2</sup>	28.50
U.S. Wellhead Average <sup>C</sup>	42.06	40.18	38.22 <sup>2</sup>	31.21
Gulf OCS Wellhead Average <sup>C</sup>	42.44	41.02	42.13 <sup>2</sup>	32.56
State Severance Wellhead Average <sup>E</sup>	49.14	47.82	48.32	30.00 <sup>2</sup>
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	7.13	7.06	7.51	6.34
U.S. Imports Average <sup>C</sup> (F.O.B.)	6.12	6.02	6.96 <sup>2</sup>	5.68
U.S. Wellhead Average <sup>C</sup>	5.59	5.52	6.25	5.15
State Royalty Wellhead Average	6.61	6.36	7.70 <sup>2</sup>	6.23
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	6.29	6.21	7.98	5.78

### Key

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet
<b>2</b>	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>N/A</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>F.O.B.</b>	Free on Board		

### Data Sources

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>C</b>	U. S. Dept. of Energy	<b>F</b>	LA Dept of Labor

**Note:** Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.

## 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.

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## Louisiana Nonagricultural Employment<sup>F</sup>

Louisiana DNR Technology Assessment Division

Year	Oil & Gas Production	Chemical Industry	Oil Refining	Pipelines	Total Employment
1960	39,833	16,382	13,374	1,250 *	1,099,800
1961	39,838	16,229	12,812	1,100 *	1,094,700
1962	40,021	16,036	11,993	950 *	1,099,800
1963	39,950	16,450	11,417	1,000 *	1,120,800
1964	42,575	16,948	10,352	950 *	1,160,700
1965	45,365	17,414	10,205	900 *	1,199,400
1966	46,676	19,490	9,653	900 *	1,248,100
1967	46,432	21,357	9,717	900 *	1,286,100
1968	46,463	22,165	10,456	900 *	1,300,100
1969	47,696	23,572	10,290	900 *	1,300,500
1970	46,334	23,649	10,355	900 *	1,203,000
1971	46,081	23,848	10,384	900 *	1,230,000
1972	48,779	23,954	10,216	900 *	1,241,000
1973	49,794	25,045	10,798	900 *	1,287,000
1974	56,254	26,133	10,946	900 *	1,280,000
1975	59,950	26,419	10,570	950 *	1,336,000
1976	62,678	28,904	10,499	900 *	1,285,500
1977	64,032	30,446	10,678	900 *	1,444,600
1978	70,678	31,627	11,599	1,000 *	1,509,100
1979	74,017	31,831	12,608	1,100 *	1,554,370
1980	85,778	33,490	13,287	1,200 *	1,599,600
1981	94,772	32,711	16,314	1,200 *	1,627,796
1982	92,225	33,984	13,111	1,033 *	1,571,017
1983	77,283	30,272	13,140	1,282 *	1,531,480
1984	78,032	29,104	13,053	1,247 *	1,568,064
1985	77,781	28,093	12,458	1,144 *	1,550,443
1986	58,888	25,998	12,233	1,168 *	1,475,318
1987	52,117	25,345	12,225	1,051 *	1,438,793
1988	54,565	26,957	11,258	1,039 *	1,468,508
1989	52,556	28,146	11,325	1,016 *	1,494,181
1990	54,063	29,083	11,535	1,041 *	1,546,820
1991	54,412	29,412	12,268	1,073 *	1,567,139
1992	45,869	30,349	12,543	1,095 *	1,583,423
1993	44,422	30,419	12,728	1,078 *	1,613,577
1994	44,885	30,014	13,037	1,014 *	1,671,087
1995	44,279	30,168	11,603	932 *	1,721,651
1996	46,885	30,096	11,262	789 *	1,757,710
1997	51,559	29,935	11,038	792 *	1,797,225
1998	54,766	30,315	10,939	702 *	1,838,319
1999	44,684	28,877	11,070	693 *	1,847,841
2000	45,714	28,335	10,345	724 *	1,872,494
2001	47,009	27,337	10,643	2,417	1,868,902
2002	43,839	25,694	10,566	2,306 <sup>2</sup>	1,848,656
2003	42,339	24,558	10,395	2,334	1,851,570
2004	40,249	23,516	9,958	2,122	1,866,870

\* Natural Gas Pipeline data was excluded

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<b>Quick Facts</b>	<b>AUGUST 2005</b>		
	Louisiana DNR Technology Assessment Division		
<b>SPOT MARKET PRICES</b>	<b>JUL 05</b>	<b>JUN 05</b>	<b>JUL 04</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	7.39	6.89	5.94
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	6.98	6.12	6.14
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	58.98	56.64	40.95
<b>BAKER HUGHES RIG COUNTS</b>	<b>JUN 05</b>	<b>MAY 05</b>	<b>JUN 04</b>
North Louisiana <sup>A</sup>	50	45	38
South Louisiana Inland Waters <sup>A</sup>	23	24	19
South Louisiana Inland <sup>A</sup>	29	28	28
Louisiana State Offshore	4	5	3
Louisiana Federal OCS Offshore	81	75	80
Total Louisiana <sup>A</sup> (OCS included)	187	177	168
<b>PRODUCTION (State Jurisdiction Only)</b>	<b>JUN 05</b>	<b>MAY 05</b>	<b>JUN 04</b>
Louisiana Crude Oil & Condensate (MMB)	6.7	6.7	6.9 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	110.1	110.5	111.8 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b>JUN 05</b>	<b>MAY 05</b>	<b>JUN 04</b>
Total Louisiana Oil and Gas	189	198	161
Louisiana Wildcats	16	7	6
Louisiana Offshore (Wildcats included)	5	10	12