

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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## Highlights

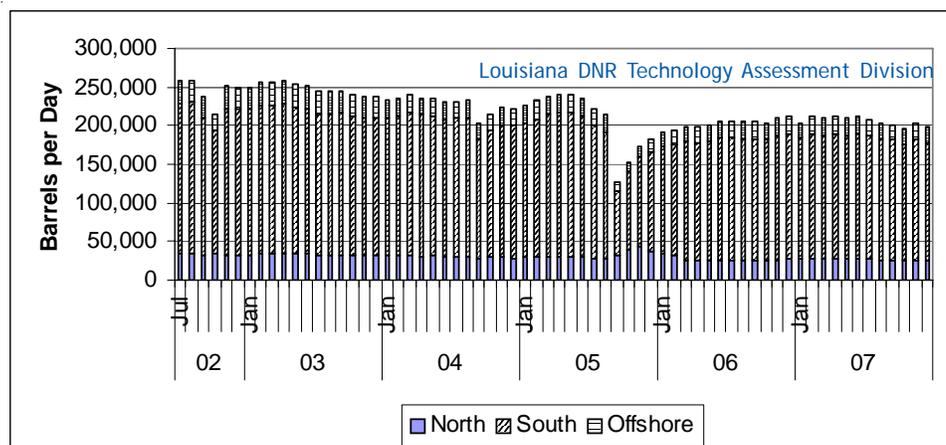
## JANUARY 2008

Drilling on Louisiana land and water bottoms is recovering. This recovery is reflected in the increase in drilling permits issued, as well as in the increase in the average number of active drilling rigs operating. Over the past five years there has been an average 16% increase per year in drilling permits. In 2002, 1,025 drilling permits were issued and, in 2007, that number had increased to around 2,180. The average active rigs drilling on Louisiana land and water has also increased an average of 9.4% per year over the last five years. The average active drilling rigs went from 77 in 2002 to 117 in 2007 (a 52% increase). The increase in drilling activity is driven by the increase in oil and gas prices. Gas prices averaged \$3.24 per MMBTU in 2002 and rose to \$6.88 per MMBTU in 2007 (a 112% increase). Oil prices increased by 160%. Oil prices rose from an average price of \$26.18 per barrel in 2002 to an average price of \$72.72 per barrel in 2007.

### Louisiana Monthly Crude Oil & Condensate Production\* Excluding Federal OCS

Month	Barrels Per Day						% Change 06/07
	2002	2003	2004	2005	2006	2007	
January	265,185	249,840	233,632	226,993 <sup>2</sup>	191,448 <sup>2</sup>	203,637 <sup>2</sup>	6.37%
February	272,875	255,112	235,607	232,006 <sup>2</sup>	193,971 <sup>2</sup>	212,225 <sup>2</sup>	9.41%
March	269,611	256,525	240,406	238,198 <sup>2</sup>	199,505 <sup>2</sup>	208,914 <sup>2</sup>	4.72%
April	266,451	258,504	236,065	241,142 <sup>2</sup>	198,805 <sup>2</sup>	211,968 <sup>2</sup>	6.62%
May	270,270	254,300	235,448	240,399 <sup>2</sup>	200,920 <sup>2</sup>	209,260 <sup>2</sup>	4.15%
June	267,157	250,804	230,497	236,144 <sup>2</sup>	204,908 <sup>2</sup>	212,349 <sup>2</sup>	3.63%
July	258,099	243,801	231,724	222,435 <sup>2</sup>	205,771 <sup>2</sup>	208,587	1.37%
August	259,541	244,325	233,006	214,367 <sup>2</sup>	205,284 <sup>2</sup>	204,093	-0.58%
September	237,280	244,728	203,870	126,717 <sup>2</sup>	204,252 <sup>2</sup>	201,519	-1.34%
October	214,086	239,652	215,554	153,131 <sup>2</sup>	204,052 <sup>2</sup>	195,342 <sup>1</sup>	-4.27%
November	250,803	238,598	224,953	174,046 <sup>2</sup>	210,346 <sup>2</sup>	202,612 <sup>1</sup>	-3.68%
December	249,765	236,810	222,396	183,260 <sup>2</sup>	212,499 <sup>2</sup>	197,886 <sup>1</sup>	-6.88%
<b>Year Average</b>	<b>256,760</b>	<b>247,750</b>	<b>228,597</b>	<b>207,403<sup>2</sup></b>	<b>202,647<sup>2</sup></b>	<b>205,699<sup>1</sup></b>	<b>1.51%</b>

\* All data are revised; see July 2001 statistic changes explanation.



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUL 07	JUN 07	MAY 07	JUL 06
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>C</sup> (MMB)	32 <sup>1</sup>	33 <sup>1</sup>	38 <sup>1</sup>	38 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	155 <sup>1</sup>	160 <sup>1</sup>	178 <sup>1</sup>	188 <sup>1</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	158	154 <sup>2</sup>	162	160
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,625	1,568 <sup>2</sup>	1,577	1,578 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	307	299	319	317 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	414	379	380	371 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	1,486	1,483	1,464	1,379
U.S. Oil <sup>A</sup>	285	283	282	298
U.S. Offshore <sup>A</sup>	78	79	77	94
U.S. Total <sup>A</sup>	1,777	1,771	1,748	1,681
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	70.83	67.30	63.82	67.59 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	68.46	64.56	60.73	65.68 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	69.15	62.35	58.90	67.72
Gulf OCS Wellhead Average <sup>C</sup>	69.83	64.32	62.35	67.48
State Severance Wellhead Average <sup>E</sup>	62.38	59.88	58.08	64.68
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	7.94	8.38 <sup>2</sup>	8.36 <sup>2</sup>	7.40 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	7.16	7.34	7.45	5.95 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	6.19	6.86	6.98	5.92 <sup>2</sup>
State Royalty Wellhead Average	6.85	7.75	8.02 <sup>2</sup>	6.51 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	6.93	7.59	7.51	6.11

### 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>NA</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>F.O.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units

### 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		

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

### Change in Mailing Address

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### 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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## Louisiana Crude Oil And Condensate Production, Excluding Federal OCS (Barrels)

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1987	27,548,782	121,071,330	25,184,078	173,804,190
1988	26,746,646	115,710,745	24,539,518	166,996,908
1989	25,229,350	105,119,808	22,747,097	153,096,255
1990	26,022,976	99,649,083	23,042,907	148,714,966
1991	26,702,911	95,794,803	24,183,667	146,681,381
1992	25,702,774	93,681,430	23,421,660	142,805,864
1993	23,736,207	90,934,698	23,222,361	137,893,266
1994	20,963,310	83,505,726	22,660,992	127,130,028
1995	20,571,849	82,339,060	22,318,475	125,229,384
1996	22,063,110	85,465,942	21,430,471	128,959,522
1997	21,497,315	84,706,090	19,951,782	126,155,187
1998	19,570,475	85,190,830	17,520,419	122,281,725
1999	16,459,365	80,068,828	14,331,807	110,860,000
2000	15,411,033	78,303,428	13,471,159	107,185,619
2001	14,572,344 <sup>2</sup>	77,604,090 <sup>2</sup>	12,694,467 <sup>2</sup>	104,870,901 <sup>2</sup>
2002	12,705,988 <sup>2</sup>	70,384,416 <sup>2</sup>	10,584,096 <sup>2</sup>	93,674,501 <sup>2</sup>
2003	12,258,578 <sup>2</sup>	67,539,163 <sup>2</sup>	10,607,266 <sup>2</sup>	90,405,007 <sup>2</sup>
2004	11,103,745 <sup>2</sup>	64,324,530 <sup>2</sup>	8,243,044 <sup>2</sup>	83,671,319 <sup>2</sup>
2005	11,787,014 <sup>2</sup>	56,569,597 <sup>2</sup>	7,323,235 <sup>2</sup>	75,679,846 <sup>2</sup>
2006	9,954,708 <sup>2</sup>	56,373,156 <sup>2</sup>	7,656,457 <sup>2</sup>	73,984,320 <sup>2</sup>
2007	9,732,829 <sup>1</sup>	57,409,206 <sup>1</sup>	7,912,976 <sup>1</sup>	75,055,011 <sup>1</sup>

## Louisiana Natural Gas And Casinghead Gas Production, Excluding Federal OCS (MCF)

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1987	356,659,720	1,152,410,971	228,123,864	1,737,194,555
1988	374,598,311	1,169,467,984	214,253,392	1,758,319,686
1989	379,189,370	1,130,650,385	203,309,753	1,713,149,508
1990	390,417,542	1,137,642,094	182,032,816	1,710,092,452
1991	381,973,751	1,116,875,275	149,894,021	1,648,743,048
1992	372,216,566	1,124,375,499	146,989,475	1,643,581,540
1993	353,811,255	1,104,823,534	153,838,456	1,612,473,245
1994	354,055,756	1,027,648,900	155,207,250	1,536,911,906
1995	363,431,067	1,008,307,077	164,448,886	1,536,187,030
1996	417,151,690	1,027,433,122	185,614,368	1,630,199,180
1997	442,021,019	975,799,433	185,843,498	1,603,663,950
1998	437,378,918	960,351,429	179,648,787	1,577,379,135
1999	394,191,456	910,642,297	149,598,802	1,454,432,555
2000	387,908,953 <sup>2</sup>	926,934,907 <sup>2</sup>	149,432,158 <sup>2</sup>	1,464,276,018 <sup>2</sup>
2001	389,509,659 <sup>2</sup>	954,712,708 <sup>2</sup>	151,044,585 <sup>2</sup>	1,495,266,953 <sup>2</sup>
2002	352,080,114 <sup>2</sup>	874,820,792 <sup>2</sup>	134,961,175 <sup>2</sup>	1,361,862,080 <sup>2</sup>
2003	343,400,285 <sup>2</sup>	871,572,716 <sup>2</sup>	130,378,397 <sup>2</sup>	1,345,351,398 <sup>2</sup>
2004	329,716,833 <sup>2</sup>	893,509,528 <sup>2</sup>	126,674,684 <sup>2</sup>	1,349,901,045 <sup>2</sup>
2005	413,078,777 <sup>2</sup>	766,794,994 <sup>2</sup>	105,573,606 <sup>2</sup>	1,285,447,377 <sup>2</sup>
2006	356,108,780 <sup>2</sup>	900,154,924 <sup>2</sup>	95,637,808 <sup>2</sup>	1,351,901,512 <sup>2</sup>
2007	325,484,373 <sup>1</sup>	928,380,575 <sup>1</sup>	85,799,659 <sup>1</sup>	1,339,664,607 <sup>1</sup>

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## Quick Facts

## JANUARY 2008

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Dec 07	Nov 07	Dec 06
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	7.11	6.96	7.33
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	7.20	7.27	8.32
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	95.32	95.97 <sup>2</sup>	64.67

### BAKER HUGHES RIG COUNTS

	Nov 07	Oct 07	Nov 06
North Louisiana <sup>A</sup>	61	56	57
South Louisiana Inland Waters <sup>A</sup>	26	26	20
South Louisiana Inland <sup>A</sup>	29	28	44
Louisiana State Offshore	1	2	2
Louisiana Federal OCS Offshore	48	40	70
Total Louisiana <sup>A</sup> (OCS included)	165	152	193

### PRODUCTION (State Jurisdiction Only)

	Nov 07	Oct 07	Nov 06
Louisiana Crude Oil & Condensate (MMB)	6.1 <sup>1</sup>	6.1 <sup>1</sup>	6.3 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	111.0 <sup>1</sup>	112.7 <sup>1</sup>	110.8 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Nov 07	Oct 07	Nov 06
Total Louisiana Oil and Gas	180	174	183
Louisiana Wildcats	8	4	8
Louisiana Offshore (Wildcats included)	4	2	1