

# Louisiana Energy Facts

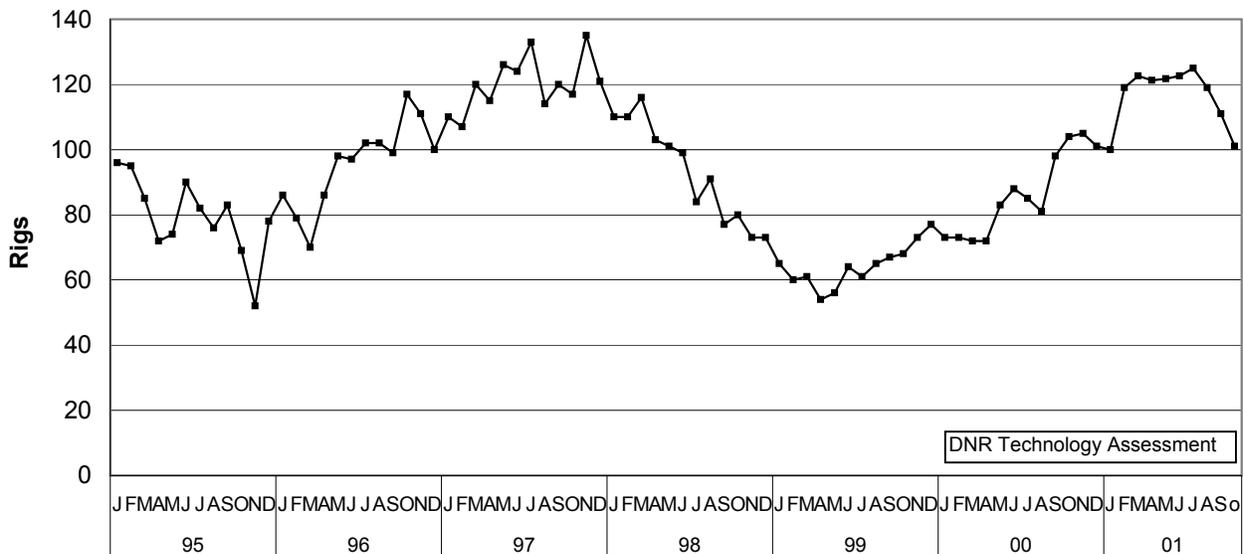
The U.S. crude oil reserves increased 1.3% and natural gas reserves increased 6.0% in 2000. On the other hand Louisiana state jurisdiction crude oil reserves decreased 11.8% while natural gas reserve decreases were not significant. The amount of proved reserves in Louisiana at the beginning of 2001 was 529 million barrels of crude oil and 9.3 trillion cubic feet of gas. Most of the new discoveries of crude oil are from the deepwater Gulf of Mexico in the Federal Offshore. The good news is that the natural gas reserves in the Gulf of Mexico have reversed their downward trend.

## Louisiana Active Rigs in Areas Under State Jurisdiction (End of the Month DNR Survey)

<u>Month</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Percentage Change 99/00 or 00/01</u>
January	86	110	110	65	73	100	36.99%
February	79	107	110	60	73	119	63.01%
March	70	120	116	61	72	123 r	70.28%
April	86	115	103	54	72	121 r	68.40%
May	98	126	101	56	83	122	46.69%
June	97	124	99	64	88	123	39.32%
July	102	133	84	61	85	125	47.06%
August	102	114	91	65	81	119	46.91%
September	99	120	77	67	98	111	13.27%
October	117	117	80	68	104	101	-2.88%
November	111	135	73	73	105		30.48%
December	100	121	73	77	101		23.76%
<b>Year Average</b>	<b>96</b>	<b>120</b>	<b>93</b>	<b>64</b>	<b>86</b>	<b>116 *</b>	

\* Partial Year

## Louisiana Active Rigs in Areas Under State Jurisdiction



	SEP 01	AUG 01	SEP 00	SOURCE
<b>SPOT MARKET PRICES</b>				
Louisiana Natural Gas Average (\$/MMBTU)	2.28	3.13	4.56	E
Louisiana Sweet Crude - St. James (\$/barrel)	26.48	26.84	33.78	B
<b>BAKER HUGHES RIG COUNTS</b>				
North Louisiana	34	36	29	A
South Louisiana Inland Waters	22	21	15	A
South Louisiana Inland	42	49	40	A
Louisiana Offshore (State + OCS)	114	115	124	A
Total Louisiana (OCS included)	212	221	208	A
The United States Total	1,193	1,252	1,011	A
<b>PRODUCTION</b>				
<u>LOUISIANA STATE JURISDICTION ONLY</u>				
Crude Oil & Condensate (MMB)	8.8 <sup>1</sup>	8.1 <sup>1,2</sup>	8.7 <sup>2</sup>	
Natural Gas & Casinghead (BCF)	111.1 <sup>1</sup>	111.6 <sup>1</sup>	121.4 <sup>2</sup>	

	MAY 01	APR 01	MAY 00	SOURCE
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate (MMB)	45	42 <sup>2</sup>	41	C
Natural Gas & Casinghead (BCF)	372	348 <sup>2</sup>	325	C
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate (MMB)	182	176	181	C
Natural Gas & Casinghead (BCF)	1,656	1,593 <sup>2</sup>	1,610 <sup>2</sup>	C
<b>IMPORTS</b>				
<u>THE UNITED STATES TOTAL</u>				
Crude Oil (MMB)	298	294 <sup>2</sup>	276	C
Natural Gas (BCF)	326	302	287 <sup>2</sup>	C
<b>PERMITS</b>				
<u>LOUISIANA STATE JURISDICTION ONLY</u>				
Total Oil and Gas	114	113	112	
Wildcats	5	5	7	
State Offshore (Wildcats included)	11	8	19	
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average (F.O.B.)	22.03	21.91 <sup>2</sup>	25.17	C
U.S. Imports Average (F.O.B.)	22.85	21.89 <sup>2</sup>	25.95	C
U.S. Wellhead Average	24.06	23.41	25.58 <sup>2</sup>	C
Gulf OCS Wellhead Average	24.40	23.90	26.18 <sup>2</sup>	C
State Severance Wellhead Average	26.38	27.57	25.67	D
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average	5.89	6.43 <sup>2</sup>	4.15 <sup>2</sup>	C
U.S. Imports Average	5.15	5.26	3.05 <sup>2</sup>	C
U.S. Wellhead Average	4.56	5.21	2.90 <sup>2</sup>	C
State Royalty Wellhead Average	5.33	5.73	4.11 <sup>2</sup>	

<sup>1</sup> Estimated

<sup>2</sup> Revised

BCF: Billion Cubic Feet

BTU: British thermal unit

F.O.B.: Free on board

MCF: Thousand Cubic Feet

MMB: Million Barrels

MMBTU: Million BTU

OCS: Outer Continental Shelf

N/A: Not Available

**DATA SOURCES**

A: Oil and Gas Journal

B: Wall Street Journal

C: U.S. Department of Energy

D: Louisiana Department of Revenue and Taxation

E: DYNEGY Inc.

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

## Louisiana Energy Facts

**Louisiana Crude Oil Imports and Exports**  
(Barrels)

<u>Year</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
1983	239,834,687	292,217,410	532,052,097	424,306,707
1984	235,637,421	291,937,561	527,574,982	423,801,351
1985	249,056,264	262,341,985	511,398,249	387,308,098
1986	209,625,326	424,583,490	634,208,816	446,125,071
1987	226,895,726	446,201,737	673,097,463	418,177,726
1988	205,028,652	529,899,220	734,927,872	467,059,125
1989	167,202,571	651,198,742	818,401,313	429,406,577
1990	294,094,671	834,189,106	1,128,283,777	752,551,218
1991	187,915,979	674,005,459	861,921,438	473,824,717
1992	158,361,091	692,524,108	850,885,199	469,615,507
1993	144,077,100	715,722,168	859,799,268	492,922,559
1994	190,310,250	691,495,161	881,805,411	506,060,502
1995	144,250,902	733,156,547	877,407,449	477,054,280
1996	154,720,304	791,181,725	945,902,027	533,052,305
1997	146,741,590	783,595,396	930,336,986	536,338,306
1998	137,695,483	797,792,440	935,487,923	537,711,242
1999	150,089,645 <sup>z</sup>	825,176,938 <sup>z</sup>	975,266,583 <sup>z</sup>	544,778,701
2000	155,367,508	793,987,344	949,354,852	563,889,655

**Louisiana Natural Gas Imports and Exports**  
(MCF)

<u>Year</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
1983	674,240,690	131,714,735	805,955,425	4,956,636,525
1984	734,677,048	21,905,037	756,582,085	5,278,629,533
1985	750,025,873	0	750,025,873	4,495,325,750
1986	927,030,617	0	927,030,617	4,410,974,536
1987	743,889,947	0	743,889,947	4,415,768,656
1988	925,004,594	963,154	925,967,748	4,515,467,200
1989	589,680,148	0	589,680,148	4,127,367,526
1990	771,083,558	1,217,065	772,300,623	4,845,135,424
1991	1,121,020,621	n/a	1,121,020,621	4,702,890,863
1992	1,223,664,865	n/a	1,223,664,865	4,527,272,744
1993	1,226,192,071	558,800	1,226,750,871	4,593,742,024
1994	1,221,821,839	n/a	1,221,821,839	4,872,981,031
1995	1,462,995,886	n/a	1,462,995,886	4,651,404,764
1996	1,579,977,000	n/a	1,579,977,000	5,399,393,372
1997	1,371,278,339	n/a	1,371,278,339	5,131,283,334
1998	1,153,978,580	n/a	1,153,978,580	5,183,436,594
1999	1,009,655,437 <sup>z</sup>	n/a	1,009,655,437 <sup>z</sup>	4,439,305,216
2000	1,110,229,664	n/a	1,110,229,664	4,303,001,671

<b>Spot Market Price Monthly Average</b>	
	<b>November 2001</b>
Louisiana Natural Gas (\$/MMBTU)	3.09
	<b>October 2001</b>
Louisiana Sweet Crude-St. James (\$/Barrel)	22.10
<b>PERMITS - Louisiana Jurisdiction Only</b>	
	<b>September 2001</b>
Total Oil and Gas	94
Wildcats	13
State Offshore (Wildcats included)	4

## Department of Natural Resources

Jack C. Caldwell, Secretary



### Technology Assessment Division Editorial Staff

T. Michael French, Director  
William J. Delmar, Jr., Assistant Director  
Manuel L. Lam, Senior Analyst

E-mail: [techasmt@dnr.state.la.us](mailto:techasmt@dnr.state.la.us)  
Phone:(225) 342-4593 Fax:(225) 342-2707

**The Louisiana Energy Facts is also available on DNR's home page. <http://www.dnr.state.la.us>**

[Go to DNR's home page, click on the Newsletters button and select the Facts' issue.]

This issue of **Louisiana Energy Facts** is funded 100% (\$220.80) with Petroleum Violation Escrow funds as part of the State Energy Program as approved by the U.S. Department of Energy and the Department of Natural Resources

This public document was published at a total cost of \$220.80. 1,100 copies of this public document were published in this first printing at a total cost of \$220.80. The total cost of all printing of this document, including reprints, is \$220.80. This document was published by the Department of Natural Resources, P.O. Box 94396, Baton Rouge, LA 70804-9396 to promulgate the State Energy Program developed under authority of P.L. 94-163. This material was printed in accordance with the standards for printing by State agencies established pursuant to R.S. 43:31.

**Louisiana Department of Natural Resources  
Technology Assessment Division  
P.O. Box 94396  
Baton Rouge, LA 70804-9396**

November 2001

**Louisiana Energy Facts**