

January 2003

Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

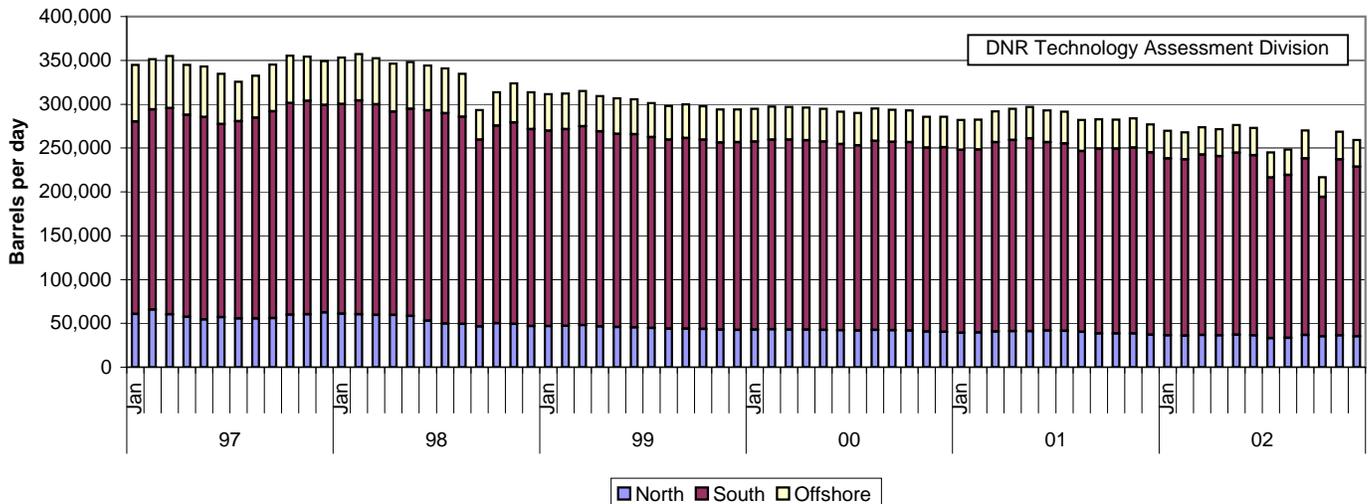
Gas prices are rising. The December 2002 spot price averaged \$4.50 per MMBTU, almost twice the December 2001 price (\$2.26). The high price is the result of strong oil prices, and recent cold winter weather. The rising price needs a severe and long lasting Artic cold to sustain it, and a draw down of stored gas, as there is presently a high stock level of gas in storage. Oil prices might come down with the end of the work strike in Venezuela and increased oil production quotas by other OPEC members. The effect of war in Iraq is unknown, but in 1991 the price of oil dropped dramatically as soon as the war started. These are factors that may make gas prices weaker in the near future.

Louisiana Crude Oil & Condensate Production** Excluding Federal OCS

Month	1998	1999	2000 (Barrels/Day)	2001	2002	% Change 01/02
January	353,067 ²	311,261 ²	294,586 ²	281,863 ²	269,539 ²	-4.37%
February	357,070 ²	312,232 ²	297,121 ²	282,435 ²	267,721 ²	-5.21%
March	352,457 ²	314,948 ²	296,980 ²	291,742 ²	273,801 ²	-6.15%
April	346,413 ²	309,253 ²	296,369 ²	294,600 ²	271,414 ²	-7.87%
May	348,027 ²	306,535 ²	294,711 ²	296,781 ²	276,209 ²	-6.93%
June	344,193 ²	305,541 ²	291,435 ²	293,038 ²	273,069	-6.81%
July	340,975 ²	301,237 ²	289,885 ²	291,374 ²	244,837	-15.97%
August	334,511 ²	297,946 ²	295,127 ²	281,933 ²	248,295	-11.93%
September	293,199 ²	299,780 ²	293,635 ²	282,737 ²	269,909 ¹	-4.54%
October	313,699 ²	297,733 ²	293,039 ²	282,571 ²	216,652 ¹	-23.33%
November	323,703 ²	293,863 ²	285,653 ²	283,782 ²	268,543 ¹	-5.37%
December	313,777 ²	293,960 ²	285,587 ²	277,057 ²	259,256 ¹	-6.43%
Year Average	335,091 ²	303,691 ²	292,844 ²	286,659 ²	261,604 ¹	-8.74%

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

Louisiana Crude Oil & Condensate Production** Excluding Federal OCS



	JUL 02	JUN 02	MAY 02	JUL 01
PRODUCTION				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate ^C (MMB)	47	46	48 ²	45
Natural Gas & Casinghead ^C (BCF)	342	329	320 ²	318 ²
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate ^C (MMB)	179	177	183	180
Natural Gas & Casinghead ^C (BCF)	1,680	1,610 ²	1,663 ²	1,635 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	279	276	285	291
U.S. Natural Gas ^C (BCF)	329	323 ²	327 ²	367 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	716	704	690	1,058
U.S. Oil ^A	133	138	134	219
U.S. Offshore ^A	111	109	106	156
U.S. Total ^A	851	842	826	1,278
PRICES				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average ^C (F.O.B.)	22.98	22.13	22.26	20.53 ²
U.S. Imports Average ^C (F.O.B.)	23.48	22.59	23.16	21.37 ²
U.S. Wellhead Average ^C	23.47	22.59	23.51	22.94 ²
Gulf OCS Wellhead Average ^C	24.45	24.19	24.74	24.43 ²
State Severance Wellhead Average ^E	23.90	27.87	23.76	25.94 ²
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average ^C	3.90	4.14	4.02 ²	4.32 ²
U.S. Imports Average ^C (F.O.B.)	3.11	3.09	3.25 ²	3.17 ²
U.S. Wellhead Average ^C	2.89	2.94	3.01	3.39
State Royalty Wellhead Average	3.26	3.46	3.54 ²	3.34 ²

¹ Estimated	² 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: Natural Gas Week
E: Louisiana Department of Revenue and Taxation	
Note: Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.	

DEPARTMENT OF NATURAL RESOURCES

Jack C. Caldwell, Secretary

Technology Assessment Division

T. Michael French, Director

617 North Third Street, Rm 1150
Baton Rouge, LA 70802-5428

Manuel Lam, Senior Analyst

Mail: P.O. Box 44156
Baton Rouge, LA 70804-4156

Phone: (225) 342-1270

Fax: (225) 342-1397

E-mail: techasmt@dnr.state.la.us



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LOUISIANA CRUDE OIL AND CONDENSATE PRODUCTION

Excluding Federal OCS

(Barrels)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1981	35,108,058 ²	138,466,404 ²	26,273,437 ²	199,847,899 ²
1982	35,606,463 ²	128,818,906 ²	24,940,981 ²	189,366,350 ²
1983	33,430,581 ²	121,375,615 ²	24,802,772 ²	179,608,968 ²
1984	32,730,382 ²	127,476,082 ²	27,036,480 ²	187,242,944 ²
1985	32,104,784 ²	126,883,275 ²	26,013,271 ²	185,001,330 ²
1986	29,551,497 ²	124,563,098 ²	26,796,139 ²	180,910,734 ²
1987	27,548,782 ²	121,071,330 ²	25,184,078 ²	173,804,190 ²
1988	26,746,646 ²	115,710,745 ²	24,539,518 ²	166,996,908 ²
1989	25,229,350 ²	105,119,808 ²	22,747,097 ²	153,096,255 ²
1990	26,022,976 ²	99,649,083 ²	23,042,907 ²	148,714,966 ²
1991	26,702,156 ²	95,789,904 ²	24,183,350 ²	146,675,411 ²
1992	25,702,124 ²	93,677,066 ²	23,421,386 ²	142,800,576 ²
1993	23,735,591 ²	90,930,437 ²	23,222,089 ²	137,888,118 ²
1994	20,962,650 ²	83,501,561 ²	22,660,730 ²	127,124,941 ²
1995	20,571,288 ²	82,335,776 ²	22,318,172 ²	125,225,235 ²
1996	22,063,113 ²	85,465,958 ²	21,430,472 ²	128,959,543 ²
1997	21,426,364 ²	84,445,869 ²	19,880,803 ²	125,753,036 ²
1998	19,570,198 ²	85,183,829 ²	17,521,125 ²	122,275,152 ²
1999	16,453,953 ²	80,047,375 ²	14,326,544 ²	110,827,872 ²
2000	15,409,946 ²	78,296,222 ²	13,470,441 ²	107,176,609 ²
2001	14,559,692 ²	77,695,641 ²	12,662,938 ²	104,918,271 ²
2002	13,058,668 ^p	71,637,211 ^p	11,002,348 ^p	95,698,227 ^p

LOUISIANA NATURAL GAS AND CASINGHEAD GAS PRODUCTION

Excluding Federal OCS

(MCF)

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
1981	415,486,338	1,744,416,128	370,516,797	2,530,419,263
1982	374,457,076	1,518,415,973	355,423,356	2,248,296,405
1983	360,201,817	1,304,543,649	317,171,588	1,981,917,054
1984	382,283,082	1,373,121,810	313,998,055	2,069,402,947
1985	351,003,364	1,249,582,962	250,063,949	1,850,650,275
1986	363,619,690	1,216,530,342	246,104,333	1,826,254,364
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	417,163,752	1,027,462,518	185,619,324	1,630,245,594
1997	441,931,755	975,817,264	185,848,287	1,603,597,306
1998	437,032,486 ²	959,612,168 ²	179,506,830 ²	1,576,151,484 ²
1999	393,851,976 ²	909,860,928 ²	149,470,249 ²	1,453,183,153 ²
2000	387,299,042 ²	925,533,829 ²	149,206,098 ²	1,462,038,968 ²
2001	392,550,351 ²	958,840,268 ²	151,631,962 ²	1,503,022,581 ²
2002	356,720,886 ^p	887,388,701 ^p	136,713,235 ^p	1,380,822,822 ^p

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 P.O. Box 44156
 Baton Rouge, La 70804-4156

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SPOT MARKET PRICES	Dec 02	Nov 02	Dec 01
Louisiana Natural Gas ^D (\$/MMBTU)	4.50	4.06 ²	2.26
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	30.04	26.25	19.28
BAKER HUGHES RIG COUNTS	Nov 02	Oct 02	Nov 01
North Louisiana ^A	25	31	26
South Louisiana Inland Waters ^A	18	16	18
South Louisiana Inland ^A	33	36	36
Louisiana Offshore ^A (State + OCS)	87	89	105
Total Louisiana ^A (OCS included)	162	172	185
PRODUCTION (State Jurisdiction Only)	Nov 02	Oct 02	Nov 01
Louisiana Crude Oil & Condensate (MMB)	8.1	6.7	8.5 ²
Louisiana Natural Gas & Casinghead (BCF)	116.7	105.4	122.0 ²
DRILLING PERMITS (State Jurisdiction Only)	Nov 02	Oct 02	Nov 01
Total Louisiana Oil and Gas	108	98	76
Louisiana Wildcats	18	12 ²	8
Louisiana Offshore (Wildcats included)	10	12 ²	7