

# Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

Oil and gas prices are expected to remain high this year due to fighting in the Middle East, political unrest in Latin America, and declining wildcat drilling in the US. Standard & Poor's reported the conflict between Israel and Palestinians has put a \$4 per barrel "war premium" on world oil prices. The political and economic unrest in South America will deter investment in the region, and oil and gas production will suffer as a consequence. Wildcat drilling in the US is extremely low; the American Petroleum Institute reported 9,151 new-filed wildcat wells drilled in the US in 1981, while in 2001, that number was down to 1,166. If any of these conditions deteriorate, prices most likely will increase from present levels.

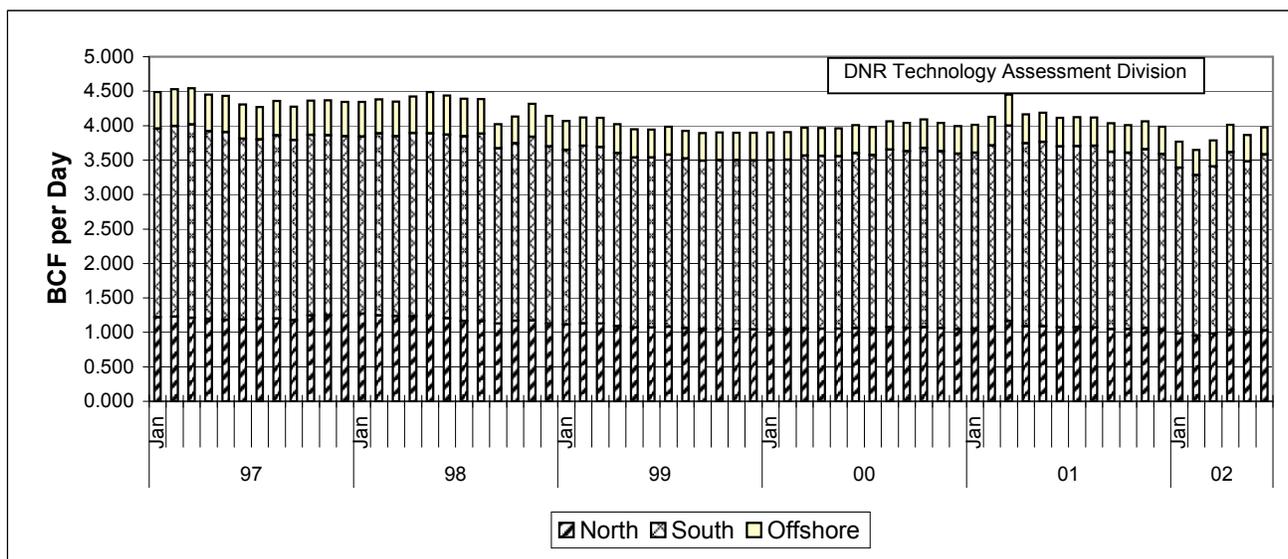
## Louisiana Natural Gas & Casinghead Gas Production\*\* Excluding Federal OCS (Billion Cubic Feet/Day)

<u>Month</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>Change</u>	
							<u>00/01</u>	<u>or 01/02</u>
January	4.49	4.34	4.07	3.90	4.01	3.77		-6.17%
February	4.53	4.38	4.12	3.91	4.13	3.65		-11.68%
March	4.54	4.35	4.11	3.97	4.45	3.78		-14.96%
April	4.45	4.42	4.02	3.96	4.17	4.01		-3.70%
May	4.43	4.49	3.95	3.96	4.19	3.87		-7.67%
June	4.31	4.44	3.94	4.01	4.11	3.98		-3.28%
July	4.27	4.39	3.99	3.98	4.12		3.60%	
August	4.36	4.39	3.93	4.06	4.12		1.34%	
September	4.27	4.02	3.89	4.04	4.04		-0.11%	
October	4.36	4.13	3.90	4.09	4.01		-2.11%	
November	4.37	4.31	3.90	4.04	4.06		0.62%	
December	4.34	4.14	3.89	4.00	3.99		-0.25%	
<b>Year Average</b>	<b>4.39</b>	<b>4.32</b>	<b>3.98</b>	<b>3.99</b>	<b>4.12</b>	<b>3.84</b> *		

\* Partial Year

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

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



	FEB 02	JAN 02	DEC 01	FEB 01
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	43	47	47 <sup>2</sup>	38 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	289	323	323	306 <sup>2</sup>
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	166	184	184	164
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,414	1,592	1,560	1,510 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	240	267	272	238 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	307	306	311	330 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	686	725	754	898
U.S. Oil <sup>A</sup>	144	141	147	237
U.S. Offshore <sup>A</sup>	123	126	121	163
U.S. Total <sup>A</sup>	825	867	901	1,136
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average <sup>C</sup> (F.O.B.)	17.65	15.89	14.64 <sup>2</sup>	22.39 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	17.68	16.05	15.25	23.11 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	16.92	15.89	15.49	25.27
Gulf OCS Wellhead Average <sup>C</sup>	17.95	17.07	17.29	26.62
State Severance Wellhead Average <sup>E</sup>	17.59	18.12 <sup>2</sup>	18.67	28.92
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average <sup>C</sup>	3.86	4.16	4.08	7.19 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.32	2.72	2.68	6.44
U.S. Wellhead Average <sup>C</sup>	2.14	2.35	2.38	5.84
State Royalty Wellhead Average	2.21	2.61	2.49	6.69 <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
<b>DATA SOURCES</b>	
A: Oil and Gas Journal	B: Wall Street Journal
C: U.S. Department of Energy	D: DYNEGY Inc.
E: Louisiana Department of Revenue and Taxation	
<b>Note:</b> Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.	

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

Year	Oil & Gas Production	Chemical Industry	Oil Refining	Oil Pipeline	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	51,559r	29,935	11,038	792	1,797,225
1998	54,766	30,315	10,939	702	1,838,319
1999	44,684r	28,877	11,070	693	1,847,841
2000	45,714r	28,335r	10,345	724r	1,872,494r
2001	47,009	27,337	10,643	N/A	1,868,902

<sup>F</sup> Louisiana Department of Labor  
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<b>SPOT MARKET PRICES</b>	<b>Jul 02</b>	<b>Jun 02</b>	<b>Jul 01</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.21	3.35	3.13
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	26.97	25.65	26.25
<b>BAKER HUGHES RIG COUNTS</b>	<b>Jun 02</b>	<b>May 02</b>	<b>Jun 01</b>
North Louisiana <sup>A</sup>	23	23	32
South Louisiana Inland Waters <sup>A</sup>	13	17	20
South Louisiana Inland <sup>A</sup>	32	29	49
Louisiana Offshore <sup>A</sup> (State + OCS)	89	87	125
Total Louisiana <sup>A</sup> (OCS included)	157	156	226
<b>PRODUCTION (State Jurisdiction Only)</b>	<b>Jun 02</b>	<b>May 02</b>	<b>Jun 01</b>
Louisiana Crude Oil & Condensate (MMB)	8.4	8.4	8.8 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	119.2	119.8	112.8 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b>Jun 02</b>	<b>May 02</b>	<b>Jun 01</b>
Total Louisiana Oil and Gas	71	100 <sup>2</sup>	136
Louisiana Wildcats	7	5 <sup>2</sup>	10
Louisiana Offshore (Wildcats included)	8	6 <sup>2</sup>	7