

# Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

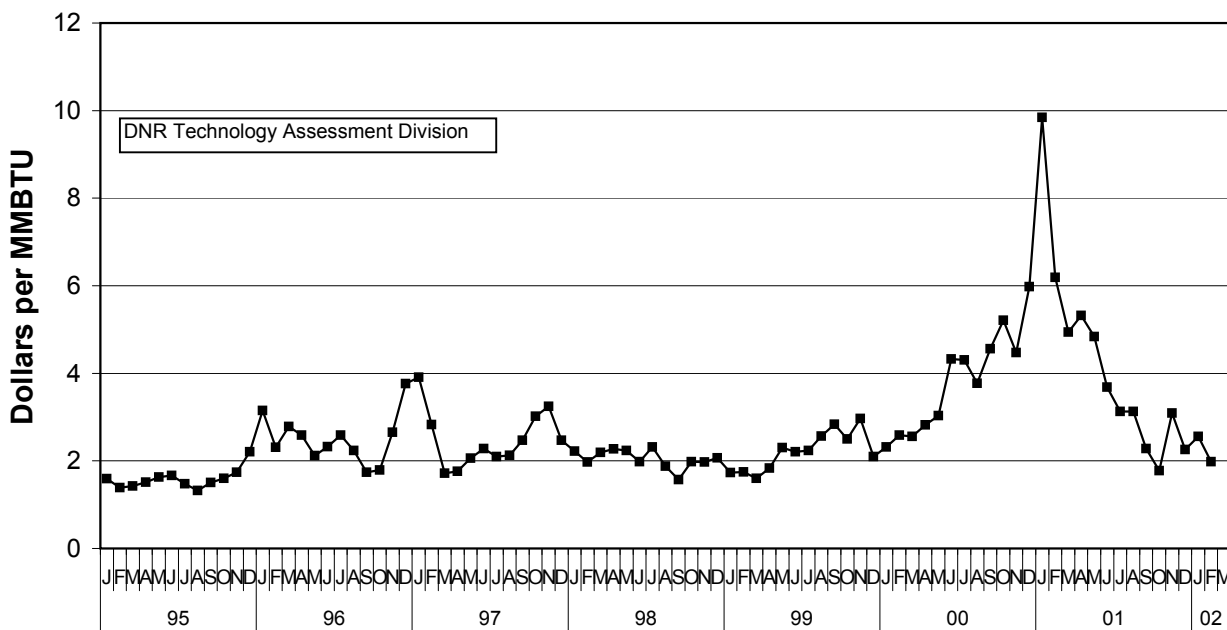
Natural gas prices are falling. The average for the first two months in 2002 was \$2.27 per MMBTU, which is 28% of the price for the same period in 2001. The first two months of 2001 averaged \$8.01 per MMBTU. The present lower price is due to record-high storage levels, a slowing economy and the likelihood of more gas coming on the market. It is expected that the demand for natural gas will increase in the near future to reverse these trends, but prices will not likely return to early 2001 levels anytime soon. Prices are being dampened by improvements in technology, imports from Canada, and increasing LNG trade.

## Louisiana Natural Gas Average Spot Prices (Dollars/MMBTU)

Month	1997	1998	1999	2000	2001	2002	Percentage Change	
							00/01	or 01/02
January	3.91	2.22	1.73	2.31	9.84	2.56		-74.02%
February	2.83	1.97	1.75	2.59	6.19	1.98		-68.05%
March	1.71	2.19	1.60	2.56	4.94		93.08%	
April	1.76	2.27	1.84	2.82	5.32		88.70%	
May	2.06	2.24	2.30	3.04	4.84		59.07%	
June	2.28	1.98	2.21	4.33	3.69		-14.88%	
July	2.10	2.31	2.24	4.31	3.13		-27.41%	
August	2.13	1.88	2.56	3.77	3.13		-17.01%	
September	2.47	1.57	2.84	4.56	2.28		-50.03%	
October	3.02	1.98	2.50	5.21	1.78		-65.86%	
November	3.24	1.97	2.97	4.47	3.09		-30.81%	
December	2.47	2.07	2.10	5.98	2.26		-62.26%	
<b>Year Average</b>	<b>2.50</b>	<b>2.05</b>	<b>2.22</b>	<b>3.83</b>	<b>4.21</b>	<b>2.27 *</b>		

\* Partial Year


## Louisiana Natural Gas Average Spot Prices



	SEP 01	AUG 01	JUL 01	SEP 00
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	44	45	45	41
Natural Gas & Casinghead <sup>C</sup> (BCF)	309	325	332	304 <sup>2</sup>
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	175	180	180	173
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,583	1,627	1,624	1,558 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	278	282	291	278
U.S. Natural Gas <sup>C</sup> (BCF)	306	323	329	305 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	972	1,032	1,058	810
U.S. Oil <sup>A</sup>	220	219	219	199
U.S. Offshore <sup>A</sup>	143	147	156	147
U.S. Total <sup>A</sup>	1,193	1,252	1,278	1,011
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average <sup>C</sup> (F.O.B.)	18.80	21.20	20.53	27.80 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	20.93	22.00	21.73	28.84 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	22.37	23.08	22.94	29.72 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	23.95	24.71	24.43	29.91
State Severance Wellhead Average <sup>E</sup>	25.00	24.64	25.94	30.00
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average <sup>C</sup>	3.66	4.40	4.13	5.21 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.63	3.13	3.17	4.15 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	2.55	3.23	3.39	4.26
State Royalty Wellhead Average	2.45	3.09	3.84	5.14 <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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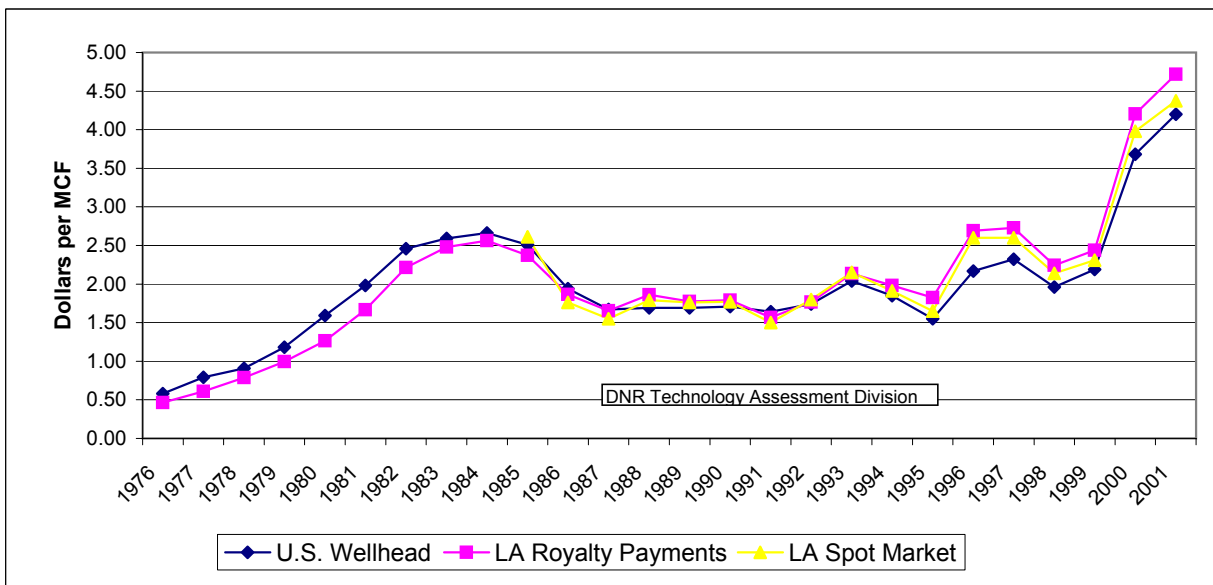
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# NATURAL GAS AVERAGE PRICES

(Dollars per MCF)

Year	UNITED STATES			LOUISIANA	
	Wellhead <sup>C</sup>	Foreign Imports <sup>C</sup>	City Gate <sup>C</sup>	Royalty Payments	Spot Market <sup>D</sup>
1976	0.58	1.73	0.98	0.46	N/A
1977	0.79	1.99	1.31	0.61	N/A
1978	0.91	2.21	1.47	0.79	N/A
1979	1.18	2.60	1.81	1.00	N/A
1980	1.59	4.42	2.41	1.27	N/A
1981	1.98	4.84	2.89	1.67	N/A
1982	2.46	4.94	3.60	2.21	N/A
1983	2.59	4.51	4.04	2.48	N/A
1984	2.66	4.08	3.89	2.56	N/A
1985	2.51	3.19	3.75	2.37	2.61
1986	1.94	2.53	3.22	1.87	1.76
1987	1.67	2.17	2.87	1.65	1.55
1988	1.69	2.00	2.92	1.86	1.79
1989	1.69	2.04	3.01	1.77	1.76
1990	1.71	1.94	3.03	1.79 <sup>2</sup>	1.77
1991	1.64	1.83	2.90	1.57	1.50
1992	1.74	1.85	3.01	1.77	1.80
1993	2.04	2.03	3.21	2.14	2.15
1994	1.85	1.87	3.07	1.98	1.91
1995	1.55	1.49	2.78	1.82	1.65
1996	2.17	1.97	3.34	2.69 <sup>2</sup>	2.60
1997	2.32	2.17	3.66	2.73 <sup>2</sup>	2.60
1998	1.96 <sup>2</sup>	1.97	3.07	2.24 <sup>2</sup>	2.14
1999	2.19 <sup>2</sup>	2.24	3.10 <sup>2</sup>	2.44 <sup>2</sup>	2.31
2000	3.68 <sup>2</sup>	3.95 <sup>2</sup>	4.62 <sup>2</sup>	4.21 <sup>2</sup>	3.98
2001 <sup>1</sup>	4.20	4.37	6.53	4.72	4.38

**Natural Gas Average Prices**



March 2002

Louisiana Energy Facts

<b>SPOT MARKET PRICES</b>	<b><u>Feb. 02</u></b>	<b><u>Jan. 02</u></b>	<b><u>Feb. 01</u></b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	1.98	2.56	6.19
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	21.06	20.10	28.96
<b>BAKER HUGHES RIG COUNTS</b>	<b><u>Jan. 02</u></b>	<b><u>Dec. 01</u></b>	<b><u>Jan. 01</u></b>
North Louisiana <sup>A</sup>	24	25	30
South Louisiana Inland Waters <sup>A</sup>	15	17	20
South Louisiana Inland <sup>A</sup>	32	37	38
Louisiana Offshore <sup>A</sup> (State + OCS)	98	94	134
Total Louisiana <sup>A</sup> (OCS included)	169	173	222
<b>PRODUCTION (State Jurisdiction Only)</b>	<b><u>Jan. 02</u></b>	<b><u>Dec. 01</u></b>	<b><u>Jan. 01</u></b>
Louisiana Crude Oil & Condensate (MMB)	8.5	8.5	8.7 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	123.1	120.9	124.6 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b><u>Jan. 02</u></b>	<b><u>Dec. 01</u></b>	<b><u>Jan. 01</u></b>
Total Louisiana Oil and Gas	46	52	113
Louisiana Wildcats	3	4	3
Louisiana Offshore (Wildcats included)	3	4	12

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