

June 1999

# Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

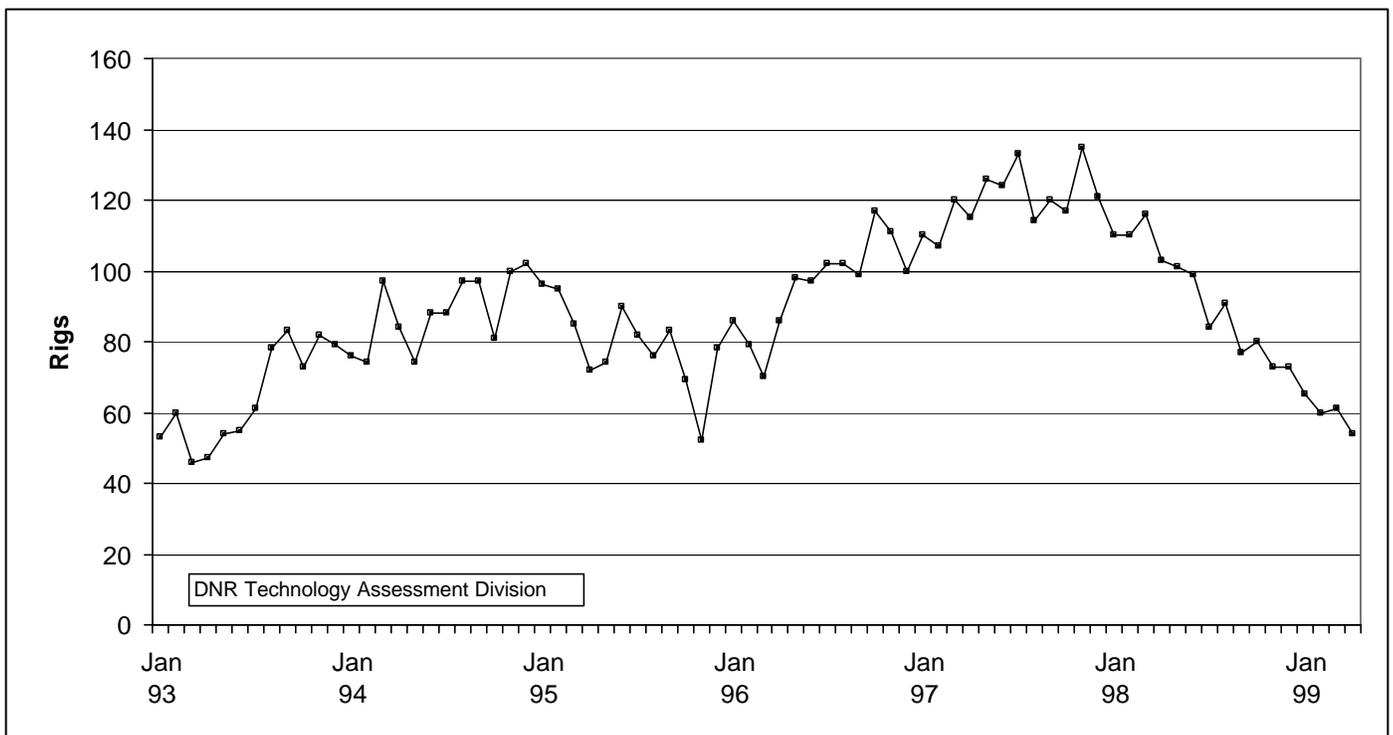
The Louisiana natural gas spot market price for June was \$2.21 per MMBTU. This is a decrease of \$0.09 per MMBTU from the May 1999 price of \$2.30 per MMBTU. The price decline is an expected seasonal event that occurs at the beginning of every summer season.

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

<u>Month</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>Percentage Change 97/98 or 98/99</u>
January	76	96	86	110	110	65	-40.91%
February	74	95	79	107	110	60	-45.45%
March	97	85	70	120	116	61	-47.41%
April	84	72	86	115	103	54	-47.57%
May	74	74	98	126	101		-19.84%
June	88	90	97	124	99		-20.16%
July	88	82	102	133	84		-36.84%
August	97	76	102	114	91		-20.18%
September	97	83	99	120	77		-35.83%
October	81	69	117	117	80		-31.62%
November	100	52	111	135	73		-45.93%
December	102	78	100	121	73		-39.67%
<b>Year Average</b>	<b>88</b>	<b>79</b>	<b>96</b>	<b>120</b>	<b>93</b>	<b>60 *</b>	

\* Partial Year

## Louisiana Active Rigs in Areas Under State Jurisdiction



	APR 99	MAR 99	APR 98	SOURCE
<b>SPOT MARKET PRICES</b>				
Louisiana Natural Gas Average (\$/MMBTU)	1.84	1.60	2.27	E
Louisiana Sweet Crude - St. James (\$/barrel)	16.80	13.97	14.79 <sup>2</sup>	B
<b>BAKER HUGHES RIG COUNTS</b>				
North Louisiana	12	16	17	A
South Louisiana Inland Waters	11	11	22	A
South Louisiana Inland	16	19	53	A
Louisiana Offshore (State + OCS)	86	88	121	A
Total Louisiana (OCS included)	125	134	213	A
The United States Total	496	526	886	A
<b>PRODUCTION</b>				
<u>LOUISIANA STATE JURISDICTION ONLY</u>				
Crude Oil & Condensate (MMB)	10.4	10.1	10.6 <sup>2</sup>	
Natural Gas & Casinghead (BCF)	119.5	118.9	131.8 <sup>2</sup>	

	DEC 98	NOV 98	DEC 97	SOURCE
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate (MMB)	35	35	33	C
Natural Gas & Casinghead (BCF)	343	335	323 <sup>2</sup>	C
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate (MMB)	184	182	201	C
Natural Gas & Casinghead (BCF)	1,622	1,567	1,575 <sup>2</sup>	C
<b>IMPORTS</b>				
<u>THE UNITED STATES TOTAL</u>				
Crude Oil (MMB)	256	265	233	C
Natural Gas (BCF)	272	258	263 <sup>2</sup>	C
<b>PERMITS</b>				
<u>LOUISIANA STATE JURISDICTION ONLY</u>				
Total Oil and Gas	81	65	115	
Wildcats	13	10	3	
State Offshore (Wildcats included)	7	6	8	
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average (F.O.B.)	7.58	8.04	13.31 <sup>2</sup>	C
U.S. Imports Average (F.O.B.)	8.19	9.36	14.21 <sup>2</sup>	C
U.S. Wellhead Average	8.05	9.65	15.06	C
Gulf OCS Wellhead Average	9.34	10.90	16.56	C
State Severance Wellhead Average	11.18	15.73	18.61	D
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average	2.44	3.01	3.42 <sup>2</sup>	C
U.S. Imports Average	1.64	1.92 <sup>2</sup>	2.19 <sup>2</sup>	C
U.S. Wellhead Average	1.73	1.94	2.28 <sup>2</sup>	C
State Royalty Wellhead Average	1.95	2.27	2.53 <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 Estimated Dry Natural Gas Proved Reserves<sup>c</sup>**  
**Excluding Lease Condensate**  
**As of December 31st of Each Year**  
**(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)**

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>TOTAL STATE</u>
1980	3,076	13,026	31,223	N/A	47,325
1981	3,270	12,645	31,462	N/A	47,377
1982	2,912	11,801	30,203*	N/A	44,916*
1983	2,939	11,142	28,480*	N/A	42,561*
1984	2,494	10,331	28,574*	N/A	41,399*
1985	2,587	9,808	1,643	26,113*	40,151*
1986	2,515	9,103	1,312	25,454*	38,384*
1987	2,306	8,693	1,431	23,260*	35,690*
1988	2,398	8,654	1,172	23,471*	35,695*
1989	2,652	8,645	1,219	24,187*	36,703*
1990	2,588	8,171	969	22,679*	34,407*
1991	2,384	7,504	1,024	21,611*	32,523*
1992	2,311	6,693	776	19,653*	29,433*
1993	2,325	5,932	917	19,383*	28,557*
1994	2,537	6,251	960	20,835*	30,583*
1995	2,788	5,648	838	21,392*	30,666*
1996	3,105	5,704	734	21,856*	31,399*
1997	3,093	5,855	725	21,934*	31,607*

Note: Federal OCS is included in the south offshore figure from 1980 through 1984

\* Alabama State and Federal Offshore are included

**Louisiana Estimated Natural Gas Liquids Proved Reserves<sup>c</sup>**  
**Excluding Lease Condensate**  
**As of December 31st of Each Year**  
**(Million Barrels)**

<u>YEAR</u>	<u>NORTH</u>	<u>SOUTH ONSHORE</u>	<u>SOUTH OFFSHORE</u>	<u>FEDERAL OCS</u>	<u>TOTAL STATE</u>
1980	60	409	356	N/A	825
1981	59	287	431	N/A	777
1982	73	301	374	N/A	748
1983	61	263	409	N/A	733
1984	55	298	462	N/A	815
1985	39	234	420	N/A	693
1986	39	220	28	336	623
1987	33	235	33	309	610
1988	39	228	27	289	583
1989	40	215	39	297	591
1990	38	249	37	261	585
1991	38	242	41	292	613
1992	41	229	47	246	563
1993	38	201	21	255	515
1994	48	214	19	267	548
1995	55	359	16	191	621
1996	61	284	36	199	580
1997	50 <sup>2</sup>	199 <sup>2</sup>	12 <sup>2</sup>	352 <sup>2</sup>	613 <sup>2</sup>

Note: Federal OCS is included in the south offshore figure from 1980 through 1985

<b>Spot Market Price Monthly Average</b>	
	<b>June 1999</b>
Louisiana Natural Gas (\$/MMBTU)	2.21
	<b>May 1999</b>
Louisiana Sweet Crude-St. James (\$/Barrel)	17.12
<b>PERMITS - Louisiana Jurisdiction Only</b>	
	<b>April 1999</b>
Total Oil and Gas	61
Wildcats	6
State Offshore (Wildcats included)	6

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