

October 1998

# Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

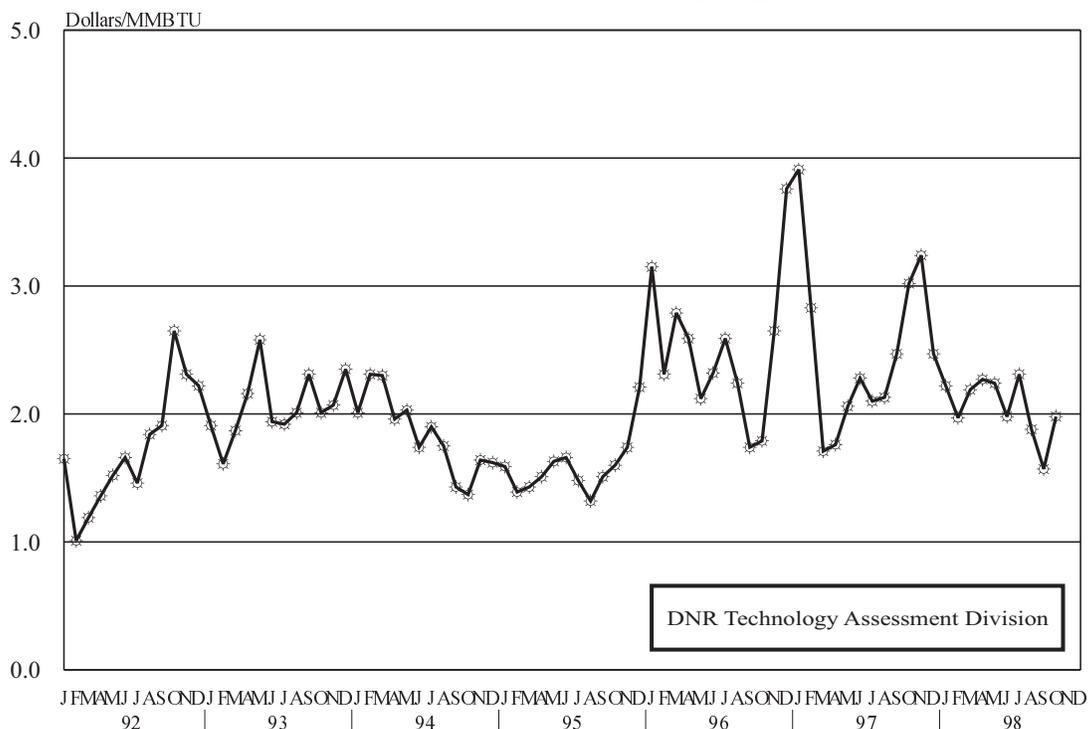
The Louisiana natural gas average spot market price has risen for October. October's average price of \$1.98 per MMBTU was up \$0.41 over September's price of \$1.57 per MMBTU. This increase is a seasonal pattern adjustment that signals the beginning of the heating season. The Louisiana average spot market price is expected to average \$2.10 per MMBTU for the year, down 16% from 1987's average of \$2.50 per MMBTU. The price drop is attributed to a decline in consumption and high storage levels in producing states.

## Louisiana Natural Gas Average Spot Prices<sup>E</sup> (Dollars/MMBTU)

Month	1993	1994	1995	1996	1997	1998	Percentage Change 97/98 or 96/97
January	1.91	2.01	1.59	3.15	3.91	2.22	-43.14%
February	1.61	2.31	1.39	2.31	2.83	1.97	-30.30%
March	1.87	2.30	1.43	2.79	1.71	2.19	27.92%
April	2.16	1.96	1.51	2.59	1.76	2.27	28.74%
May	2.58	2.03	1.63	2.12	2.06	2.24	8.30%
June	1.94	1.74	1.66	2.32	2.28	1.98	-13.17%
July	1.92	1.90	1.48	2.59	2.10	2.31	10.20%
August	2.01	1.75	1.32	2.24	2.13	1.88	-11.74%
September	2.31	1.43	1.51	1.74	2.47	1.57	-36.42%
October	2.01	1.37	1.60	1.79	3.02	1.98	-34.52%
November	2.07	1.64	1.74	2.65	3.24		22.37%
December	2.35	1.62	2.21	3.76	2.47		-34.35%
<b>Year Average</b>	<b>2.06</b>	<b>1.84</b>	<b>1.59</b>	<b>2.50</b>	<b>2.50</b>	<b>2.06*</b>	

\*Partial year

## Louisiana Natural Gas Average Spot Prices<sup>E</sup>



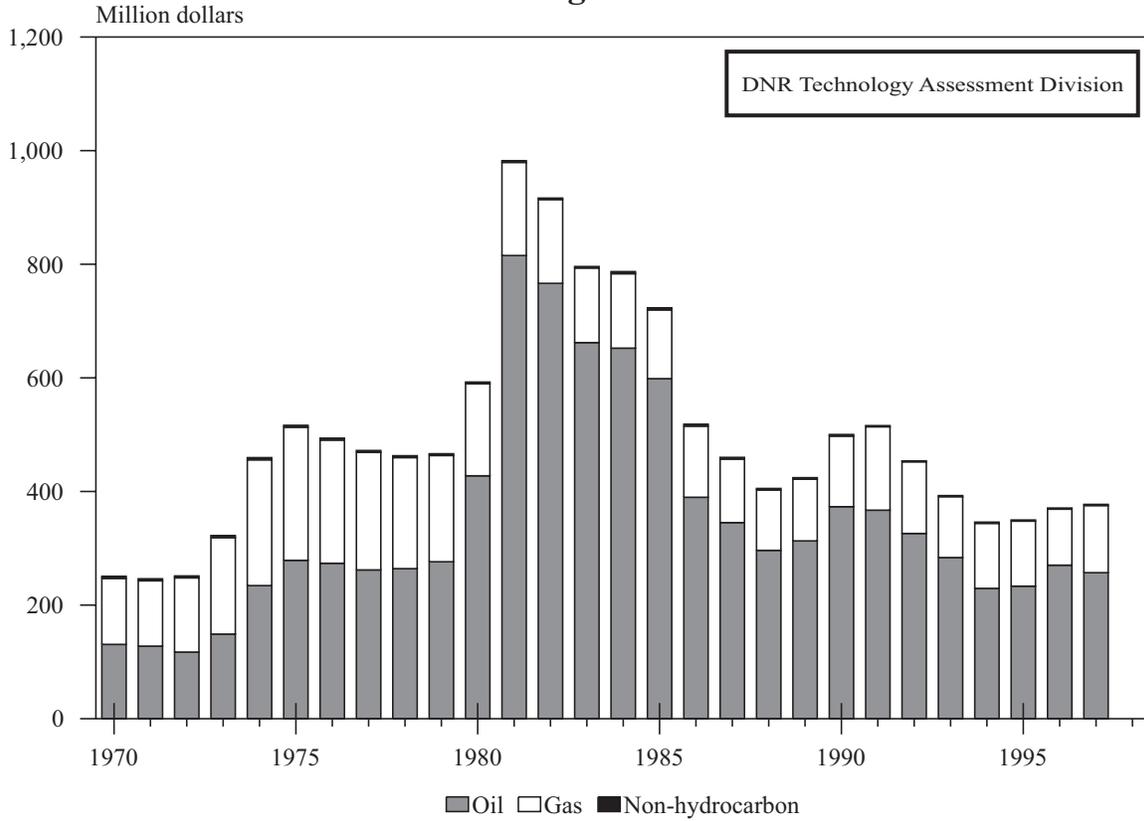
	AUG 98	JUL 98	AUG 97	SOURCE
<b>SPOT MARKET PRICES</b>				
Louisiana Natural Gas Average (\$/MMBTU)	1.88 <sup>2</sup>	2.31	2.13	E
Louisiana Sweet Crude-St. James (\$/barrel)	13.31 <sup>2</sup>	13.92	19.96 <sup>2</sup>	B
<b>BAKER HUGHES RIG COUNTS</b>				
North Louisiana	21	21	19	A
South Louisiana Inland Waters	20	21 <sup>2</sup>	24	A
South Louisiana Inland	32	38 <sup>2</sup>	52	A
Louisiana Offshore (State + OCS)	99	105	107	
Total Louisiana (OCS included)	172	185	202	A
The United States Total	792	816	993	A
<b>PRODUCTION</b>				
<u>LOUISIANA STATE JURISDICTION ONLY</u>				
Crude Oil & Condensate (MMB)	10.5	10.5	10.8 <sup>2</sup>	
Natural Gas & Casinghead (BCF)	128.9	129.3	130.1 <sup>2</sup>	

	APR 98	MAR 98	APR 97	SOURCE
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate (MMB)	33	34	30	C
Natural Gas Marketed Production (BCF)	325	312	334 <sup>2</sup>	C
<u>UNITED STATES TOTAL</u>				
Crude Oil & Condensate (MMB)	195	200	194	C
Natural Gas & Casinghead (BCF)	1,566	1,644	1,547 <sup>2</sup>	C
<b>IMPORTS</b>				
<u>UNITED STATES</u>				
Crude Oil (MMB)	256	248	234	C
Natural Gas (BCF)	252	267	235 <sup>2</sup>	C
<b>PERMITS</b>				
<u>LOUISIANA STATE JURISDICTION ONLY</u>				
Total Oil and Gas	126	95	142	
Wildcats	9	16	12	
State Offshore (Wildcats included)	11	12	12	
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average (F.O.B.)	10.56	10.94	15.92	C
U.S. Imports Average (F.O.B.)	11.09	11.10	16.20	C
U.S. Wellhead Average	11.64	11.53	16.64	C
Gulf OCS Wellhead Average	12.19	12.44	17.53	C
State Wellhead Average	13.36	13.85	19.96	D
<u>NATURAL GAS PRICES (\$/MCF)</u>				
U.S. City Gate	3.22	3.22	2.94 <sup>2</sup>	C
U.S. Imports Average	1.90	2.01 <sup>2</sup>	1.72 <sup>2</sup>	C
U.S. Wellhead Average	2.05	1.86	1.64 <sup>2</sup>	C
State Royalty Wellhead Average	2.42	2.31	1.85 <sup>2</sup>	

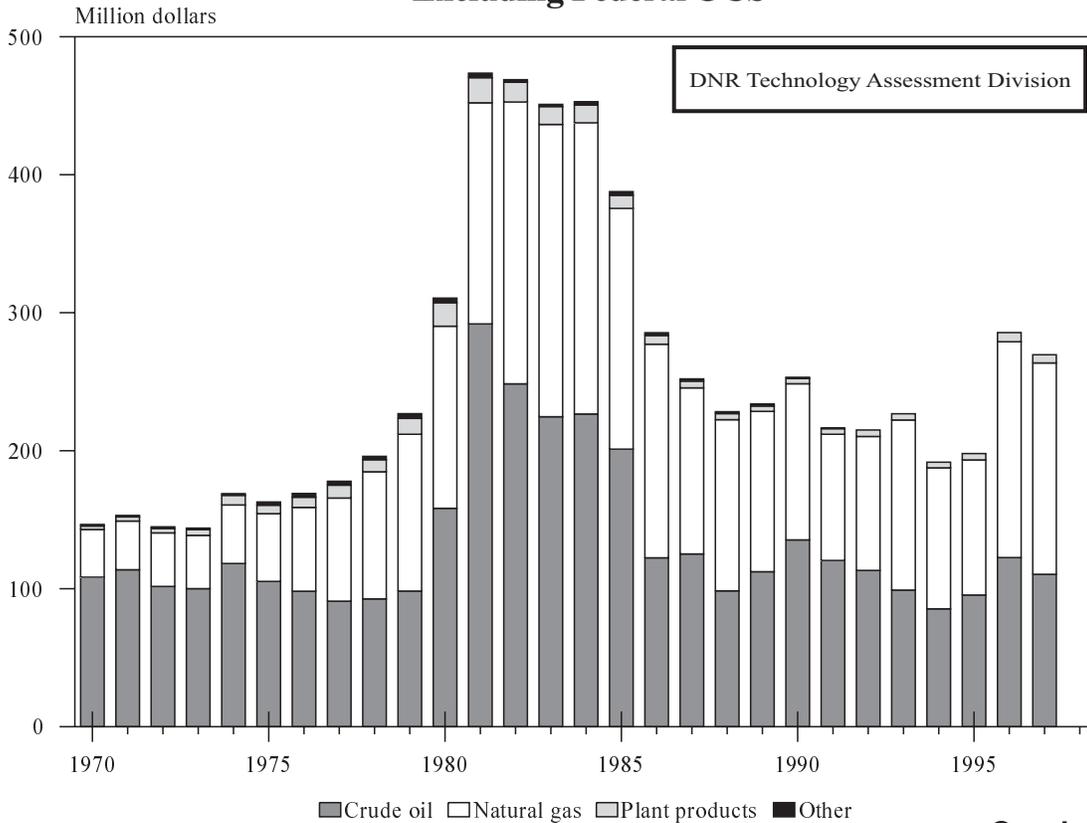
1 Estimated                      2 Revised                      MMBTU: Million BTU                      OCS: Outer Continental Shelf                      MMB: Million Barrels  
BCF: Billion Cubic Feet                      F.O.B.: Free on board                      MCF: Thousand Cubic Feet                      N/A: Not Available  
Note: Unless otherwise specified, Louisiana data excludes Federal OCS.

DATA SOURCES  
Unless otherwise specified, data is from the Louisiana Department of Natural Resources.  
A: Oil and Gas Journal  
B: Wall Street Journal  
C: U.S. Department of Energy  
D: Louisiana Department of Revenue and Taxation  
E: Natural Gas Clearinghouse

## Louisiana Mineral Severance Tax Revenue by Source Excluding Federal OCS



## Louisiana Mineral Royalty Revenue by Source Excluding Federal OCS



<b>Spot Market Price Monthly Average</b>	
	<b>October 1998</b>
Louisiana Natural Gas	\$1.98/MMBTU
	<b>September 1998</b>
Louisiana Sweet Crude-St. James	\$13.50/barrel
<b>PERMITS - Louisiana Jurisdiction Only</b>	
	<b>August 1998</b>
Total Oil and Gas	158
Wildcats	11
State Offshore (Wildcats included)	8

**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  
Phyllis S. Ortego, Editor

Phone: (225) 342-4593 Fax: (225) 342-2707

**The Louisiana Energy Facts is also available on DNR's home page. The Internet address is: [www.dnr.state.la.us](http://www.dnr.state.la.us). Go to DNR's home page, click on the Publications button and select the issue of the Facts you want to access.**

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. 1,110 copies of this public document were published in this first printing at a total cost of \$220.80. The total cost of all printings 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**

**October 1998**  
**Louisiana Energy Facts**

