

September 2003

# Louisiana Energy Facts

Department of Natural Resources

Technology Assessment Division

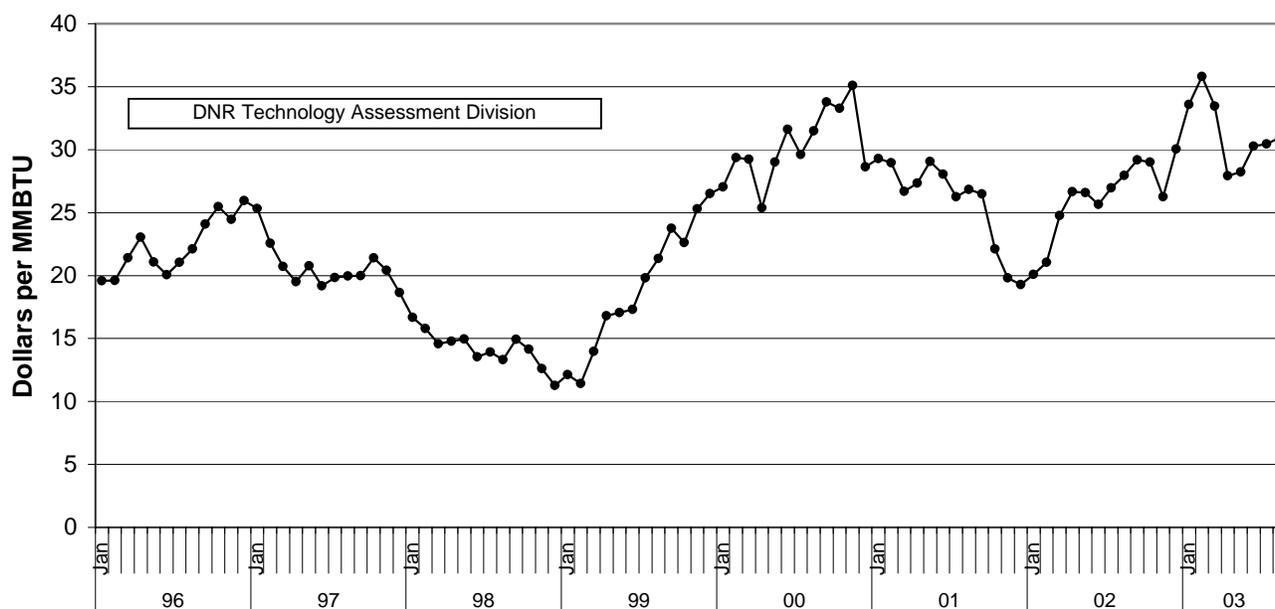
Louisiana Natural gas prices are below \$5 per MMBTU, and for the first six months in 2003 the average was \$6.03 per MMBTU. The drop in price is due to a strong storage injection during the summer months, and no weather disruption in the Gulf of Mexico producing region; which eased the fears of inventory shortage heading into the heating season. The gas prices are not likely to drop below \$4 per MMBTU for the remainder of this year. The falling price is constrained by memory of last winter's high prices and record storage draw, and the present storage levels.

## South Louisiana Sweet Crude Oil Average Spot Price at St. James (Dollars per Barrel)

<u>Month</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>% Change</u>	
							<u>01/02</u>	<u>02/03</u>
January	16.68	12.14	27.03	29.29	20.10	33.57		67.01%
February	15.79	11.43	29.37	28.96	21.06	35.81		70.04%
March	14.59	13.97	29.24	26.68	24.76	33.46		35.14%
April	14.79	16.80	25.38	27.33	26.65	27.92		4.77%
May	14.96	17.05	29.00	29.05	26.57	28.23		6.25%
June	13.54	17.31	31.62	28.04	25.65	30.26		17.97%
July	13.92	19.80	29.61	26.25	26.97	30.44		12.87%
August	13.31	21.35	31.49	26.84	27.95	30.95		10.73%
September	14.94	23.75	33.78	26.48	29.19		10.23%	
October	14.15	22.62	33.28	22.10	29.02		31.31%	
November	12.60	25.29	35.09	19.82	26.25		32.44%	
December	11.27	26.51	28.62	19.28	30.04		55.81%	
<b>Year Average</b>	<b>14.21</b>	<b>19.00</b>	<b>30.29</b>	<b>25.84</b>	<b>26.18</b>	<b>31.33</b> *		

\* Partial Year

## South Louisiana Sweet Crude Oil Average Spot Price at St. James



	MAR 03	FEB 03	JAN 03	MAR 02
<b>PRODUCTION</b>				
<u>LOUISIANA FEDERAL OFFSHORE (OCS)</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	48	44 <sup>2</sup>	47	45
Natural Gas & Casinghead <sup>C</sup> (BCF)	261	241 <sup>2</sup>	290 <sup>2</sup>	288 <sup>2</sup>
<u>THE UNITED STATES TOTAL</u>				
Crude Oil & Condensate <sup>C</sup> (MMB)	183	166	181	183
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,669	1,500 <sup>2</sup>	1,652 <sup>2</sup>	1,625 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	281	232	265	268
U.S. Natural Gas <sup>C</sup> (BCF)	312	297 <sup>2</sup>	345 <sup>2</sup>	332 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	767	750	718	624
U.S. Oil <sup>A</sup>	171	153	132	143
U.S. Offshore <sup>A</sup>	105	109	111	116
U.S. Total <sup>A</sup>	941	907	854	768
<b>PRICES</b>				
<u>CRUDE OIL (\$/barrel)</u>				
OPEC Average <sup>C</sup> (F.O.B.)	25.22	28.65	29.08	21.49
U.S. Imports Average <sup>C</sup> (F.O.B.)	26.25	29.78	29.16	21.64
U.S. Wellhead Average <sup>C</sup>	30.09	31.85	28.35	20.04
Gulf OCS Wellhead Average <sup>C</sup>	31.72	32.46	28.32	19.44
State Severance Wellhead Average <sup>E</sup>	33.28	32.77	30.24	19.11
<u>NATURAL GAS (\$/MCF)</u>				
U.S. City Gates Average <sup>C</sup>	7.61	5.88 <sup>2</sup>	5.26 <sup>2</sup>	3.85 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	7.55	5.69 <sup>2</sup>	4.87 <sup>2</sup>	2.61 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	6.69	5.45	4.47	2.52
State Royalty Wellhead Average	9.76	6.13 <sup>2</sup>	5.40	2.72 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	9.13	5.66	4.99	2.39

<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: Natural Gas Week
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.	

<b>DEPARTMENT OF NATURAL RESOURCES</b>	
Jack C. Caldwell, Secretary	
<b>Technology Assessment Division</b>	
T. Michael French, Director	
617 North Third Street, Rm 1150	Manuel Lam, Senior Analyst
Baton Rouge, LA 70802-5428	
<b>Mail:</b> P.O. Box 44156	
Baton Rouge, LA 70804-4156	
<b>Phone:</b> (225) 342-1270	
<b>Fax:</b> (225) 342-1397	
<b>E-mail:</b> techasmt@dnr.state.la.us	



The Louisiana Energy Facts is also available on DNR's home page. <http://www.dnr.state.la.us/energy>

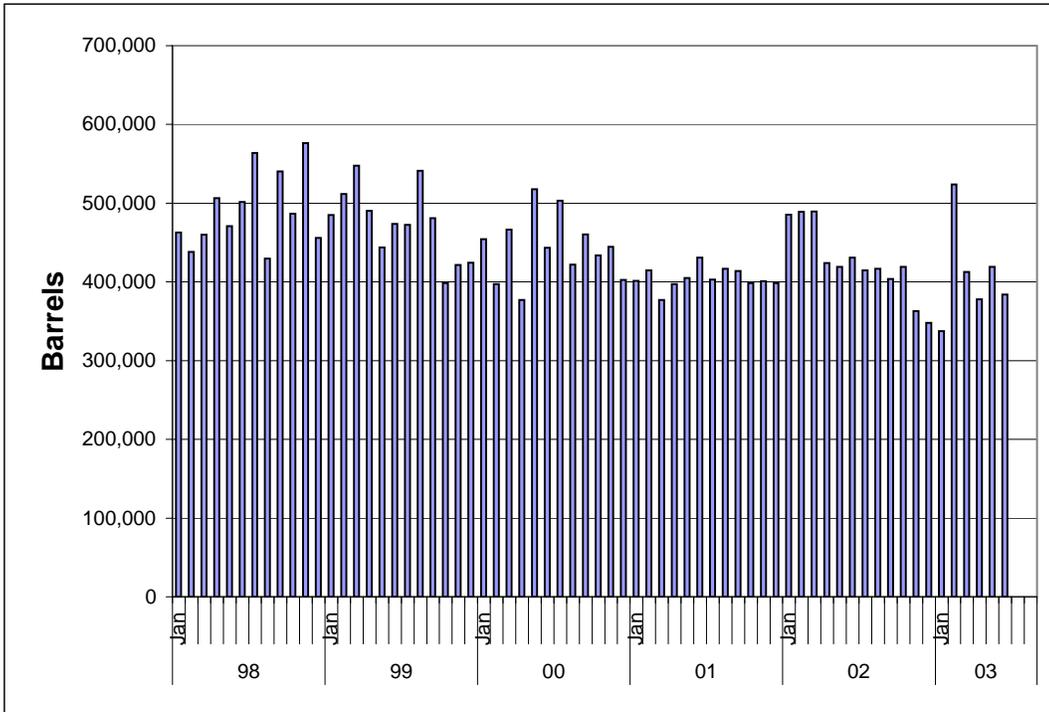
[Go to DNR's home page, click on the Newsletters button and select the Facts issue.]

To change your mailing address, please call, write, fax, or email us with the new address.

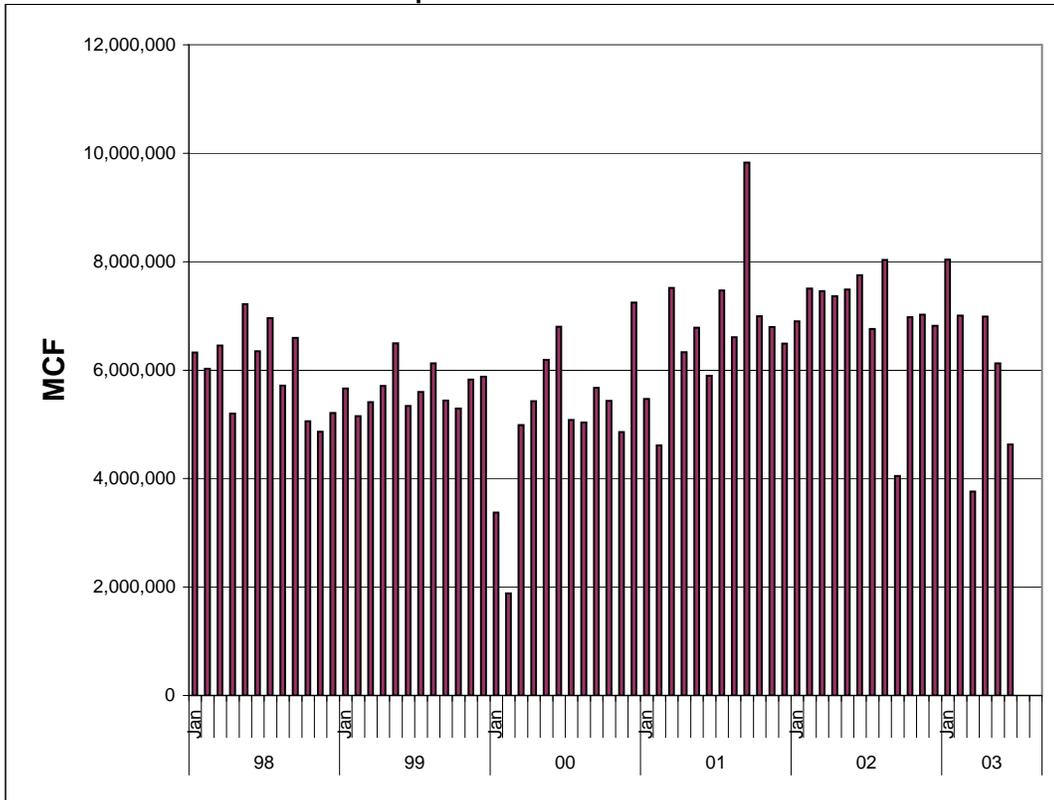
This issue of Louisiana Energy Facts is funded 100% (\$967.52) with Petroleum Violation Escrow funds as part of the State Energy Program as approved by the U.S. Department of Energy and the Department of Natural Resources

This public document was published at a total cost of \$967.52. 1,000 copies of this public document were published in this first printing at a total cost of \$967.52. The total cost of all printing of this document, including reprints, is \$967.52. This document was published by the Department of Natural Resources, P.O. Box 44156, Baton Rouge, LA 70804-4156 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 Crude Oil Production from Stripper Wells



Louisiana Natural Gas Production from Incapable Oil and Gas Wells<sup>E</sup>



Louisiana Department of Natural Resources



Technology Assessment Division  
 P.O. Box 44156  
 Baton Rouge, LA 70804-4156

PRST STD  
 U.S. POSTAGE  
**PAID**  
 BATON ROUGE, LA  
 PERMIT NO. 936

**ADDRESS SERVICE REQUESTED**

[September 2003](#)

[Louisiana Energy Facts](#)

<b>SPOT MARKET PRICES</b>	<b><u>Aug 03</u></b>	<b><u>Jul 03</u></b>	<b><u>Aug 02</u></b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	4.95	5.02	2.91 <sup>E</sup>
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	4.69	5.29	2.94
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	30.95	30.44	27.95
<b>BAKER HUGHES RIG COUNTS</b>	<b><u>Jul 03</u></b>	<b><u>Jun 03</u></b>	<b><u>Jul 02</u></b>
North Louisiana <sup>A</sup>	33	29	21
South Louisiana Inland Waters <sup>A</sup>	13	12	19
South Louisiana Inland <sup>A</sup>	30	30 <sup>2</sup>	29
Louisiana Offshore <sup>A</sup> (State + OCS)	82	84 <sup>2</sup>	91
Total Louisiana <sup>A</sup> (OCS included)	158	155	160
<b>PRODUCTION (State Jurisdiction Only)</b>	<b><u>Jul 03</u></b>	<b><u>Jun 03</u></b>	<b><u>Jul 02</u></b>
Louisiana Crude Oil & Condensate (MMB)	7.6	7.6	8.0 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	106.3	106.8	118.3 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b><u>Jul 03</u></b>	<b><u>Jun 03</u></b>	<b><u>Jul 02</u></b>
Total Louisiana Oil and Gas	113	102	94
Louisiana Wildcats	6	7	12
Louisiana Offshore (Wildcats included)	9	4	11

<sup>E</sup> Dynegy Corp's Price