

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

INSIDE

Highlights
page 1

Louisiana Average Active Rigs in Areas Under State Jurisdiction
page 1

Current Oil & Gas Data
page 2

Louisiana Estimated Crude Oil Imports and Exports
page 3

Louisiana Estimated Natural Gas Imports and Exports
page 3

Quick Facts
page 4

Featured Articles
[Builder's Guide to Energy Efficient Homes in Louisiana: Moisture and Moisture Management - Part 1](#)

[Railroad Competition Legislation Pending in Congress](#)



Department of Natural Resources
Scott A. Angelle, Secretary

Technology Assessment Division
T. Michael French, Director
Manuel Lam, Senior Analyst

617 North Third Street
Baton Rouge, LA
70804-4156
Tel. (225) 342-1270
Fax. (225) 242-1397
Email: techasmt@la.gov
www.dnr.louisiana.gov/tad

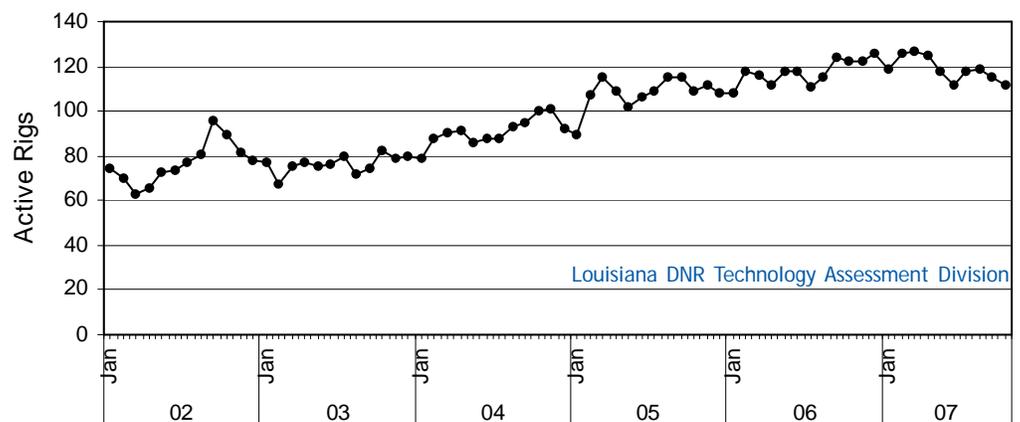
Highlights NOVEMBER 2007

Crude oil prices reached a record high of \$93.53 on October 29, 2007 and started a roller coaster ride. The oil price spike was the result of tension in the Middle East, Tropical Storm Noel, depletion of stocks at U.S. refineries, and rebel attacks on production platforms in Nigeria. However, Tropical Storm Noel did not affect oil producing areas in the Gulf of Mexico and moderate weather is forecast. Furthermore, OPEC production increased 500,000 barrels on November 1, 2007 and the Middle East conflict has not escalated. Oil prices are expected to return to the unofficial OPEC ceiling price of \$80.00 per barrel by the end of 2008.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	(Monthly Average)						% Change	
	2002	2003	2004	2005	2006	2007	05/06	06/07
January	75	77	79	90	108	119		10.19%
February	70	67	88	107	88 ²	126		42.61%
March	63	75	90	115	90	126		40.44%
April	65	77	91	109	91 ²	125		37.64%
May	72	75	86	102	118	118		0.21%
June	74	76	88	106	118	112		-5.08%
July	77	80	88	109	111	118		5.86%
August	81	72	93	115	115	119		3.30%
September	96	74	95	115	124	115		-7.36%
October	90	82	100	109	122	112		-8.20%
November	82	79	101	112	123		9.62%	
December	78	80	92	108	126		16.70%	
Year Average	77	76	91	108	111²	119^{**}		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 07	APR 07	MAR 07	MAY 06
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	36 ¹	36 ¹	35 ¹	35 ¹
Natural Gas & Casinghead ^C (BCF)	167 ¹	167 ¹	171 ¹	166 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	162	157	161 ²	158
Natural Gas & Casinghead ^C (BCF)	1,577	1,549	1,600	1,572 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	319	305	321	318
U.S. Natural Gas ^C (BCF)	345	378	401	349 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	1,464	1,461	1,461	1,373
U.S. Oil ^A	282	285	282	261
U.S. Offshore ^A	77	75	81	100
U.S. Total ^A	1,748	1,750	1,749	1,635
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	63.82	62.26 ²	57.79	65.34
U.S. Imports Average ^C (F.O.B.)	60.73	59.47 ²	55.46	62.98
U.S. Wellhead Average ^C	58.90	58.20	54.95	64.31
Gulf OCS Wellhead Average ^C	62.35	59.49	56.15	64.58
State Severance Wellhead Average ^E	58.08	56.98	53.79	62.64
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	8.33	8.17	8.81	7.94 ²
U.S. Imports Average ^C (F.O.B.)	N/A	7.20	7.45	6.53
U.S. Wellhead Average ^C	6.98	6.56	6.56	6.19
State Royalty Wellhead Average	8.01	8.01 ²	7.72 ²	7.14 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	7.51	7.56	7.55	7.20

Key				Data Sources	
1	Estimated	MCF	Thousand Cubic Feet	A	Oil & Gas Journal
2	Revised	MMB	Million Barrels	D	Natural Gas Week
BCF	Billion Cubic Feet	NA	Not Available	B	Wall Street Journal
BTU	British Thermal Unit	OCS	Outer Continental Shelf	C	U. S. Dept. of Energy
F.O.B.	Free on Board	MMBTU	Million British Thermal Units	Note: Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.	

Note from the Editors

Louisiana Energy Facts is published monthly by the Louisiana Department of Natural Resources, Technology Assessment Division as a public service to individuals interested in Louisiana energy activities. Content includes recent oil, gas and other energy statistics and a brief analysis of current trends.

Louisiana Energy Facts articles provide insight and information on subjects of special interest to our readers, and may announce relevant, forthcoming publications.

These documents are available on the Louisiana Department of Natural Resources, Technology Assessment Division home page: <http://www.dnr.louisiana.gov/tad>. From the menu, select **Energy Data & Reports**; choose **Louisiana Energy Facts Newsletter**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

To request a subscription or update your mailing address, contact us with your information. Please specify print or electronic subscription.

We value your feedback. Please send your comments and suggestions for improving and enhancing the newsletter to: techasmt@la.gov.

Louisiana Estimated Crude Oil Imports and Exports (Barrels)

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
1988	205,028,652	529,899,220	734,927,872	467,059,125
1989	167,202,571	651,198,742	818,401,313	429,406,577
1990	294,094,671	834,189,106	1,128,283,777	752,551,218
1991	187,915,979	674,005,459	861,921,438	473,824,717
1992	158,361,091	692,524,108	850,885,199	469,615,507
1993	144,077,100	715,722,168	859,799,268	492,922,559
1994	190,310,250	691,495,161	881,805,411	506,060,502
1995	144,250,902	733,156,547	877,407,449	477,054,280
1996	154,720,304	791,181,725	945,902,027	533,052,305
1997	146,741,590	783,595,396	930,336,986	536,338,306
1998	137,695,483	797,792,440	935,487,923	537,711,242
1999	145,884,207	825,714,387	971,598,594	539,440,653
2000	157,483,978	794,652,031	952,136,009	568,406,926
2001	140,926,202	824,180,124	965,106,326	703,319,850
2002	150,358,173	693,057,439	843,415,612	618,283,678
2003	191,660,152	879,937,921	1,071,598,073	651,542,085
2004	235,860,964	1,096,071,025	1,331,931,989	780,965,917
2005	157,001,235	850,125,218	1,007,126,453	494,032,441
2006	178,801,461	823,410,311	1,002,211,772	557,047,242

Louisiana Estimated Natural Gas Imports and Exports (MCF)

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
1988	925,004,594	963,154	925,967,748	4,515,467,200
1989	589,680,148	0	589,680,148	4,127,367,526
1990	771,083,558	1,217,065	772,300,623	4,845,135,424
1991	1,121,020,621	n/a	1,121,020,621	4,702,890,863
1992	1,223,664,865	n/a	1,223,664,865	4,527,272,744
1993	1,226,192,071	558,800	1,226,750,871	4,593,742,024
1994	1,221,821,839	n/a	1,221,821,839	4,872,981,031
1995	1,462,995,886	n/a	1,462,995,886	4,651,404,764
1996	1,579,977,000	n/a	1,579,977,000	5,399,393,372
1997	1,371,278,339	n/a	1,371,278,339	5,131,283,334
1998	1,153,978,580	n/a	1,153,978,580	5,183,436,594
1999	1,009,655,437	n/a	1,009,655,437	4,439,709,229
2000	1,112,790,171	n/a	1,112,790,171	4,352,108,151
2001	960,897,346	21,216,546	982,113,892	4,194,465,094
2002	1,290,858,071	n/a	1,290,858,071	4,184,377,435
2003	1,495,060,203	29,931,334	1,524,991,537	5,219,716,623
2004	1,373,686,290	153,699,903	1,527,386,193	5,022,037,236
2005	1,425,160,508	9,423,438	1,434,583,946	3,443,758,247
2006	1,495,315,465	n/a	1,495,315,465	3,333,525,104

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 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 DEPARTMENT OF NATURAL RESOURCES
 Technology Assessment Division
 P. O. Box 94396
 Baton Rouge, LA 70804-9396

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

ADDRESS SERVICE REQUESTED

INSIDE

Highlights
 page 1

Louisiana Average
 Active Rigs in Areas
 Under State Jurisdiction

Current Oil & Gas Data
 page 2

Louisiana Estimated
 Crude Oil Imports and
 Exports
 page 3

Louisiana Estimated
 Natural Gas Imports and
 Exports
 page 3

Quick Facts
 page 4

Featured Articles
 Builder's Guide to
 Energy Efficient Homes
 in Louisiana:
 Moisture and
 Moisture Management -
 Part 1

Railroad Competition
 Legislation Pending in
 Congress

Quick Facts

NOVEMBER 2007

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Oct 07	Sep 07	Oct 06
Louisiana Natural Gas ^D (\$/MMBTU)	6.53	5.70	5.17
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	6.42	5.43	4.20
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	86.25	79.86	59.52

BAKER HUGHES RIG COUNTS

	Sep 07	Aug 07	Sep 06
North Louisiana ^A	62	60	57
South Louisiana Inland Waters ^A	25	24	20
South Louisiana Inland ^A	25	31	45
Louisiana State Offshore	3	4	2
Louisiana Federal OCS Offshore	56	59	76
Total Louisiana ^A (OCS included)	171	178	200

PRODUCTION (State Jurisdiction Only)

	Sep 07	Aug 07	Sep 06
Louisiana Crude Oil & Condensate (MMB)	6.2	6.2	6.1
Louisiana Natural Gas & Casinghead (BCF)	106.6	107.4	112.1 ²

DRILLING PERMITS (State Jurisdiction Only)

	Sep 07	Aug 07	Sep 06
Total Louisiana Oil and Gas	164	195 ²	186
Louisiana Wildcats	5	5 ²	11
Louisiana Offshore (Wildcats included)	0	3 ²	6