

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

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## Highlights

**JULY 2006**

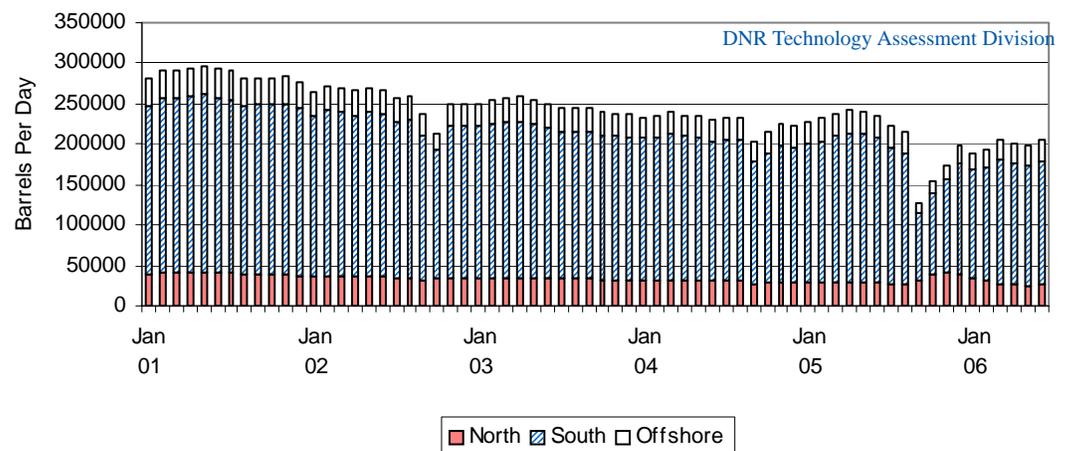
The latest data trend for crude oil and natural gas prices seems to be disconnected from the historical trade pattern. Historical trade put natural gas prices at roughly a 6-to-1 ratio to oil prices based on its BTU content. From the historical ratio, the June 2006 average oil spot price of \$71.50 implies that the June spot gas price should be around \$11.90 per MMBTU, rather than the actual price realized of \$6.19/MMBTU. Gas prices should rise in the coming winter months because oil prices are not expected to trade significantly lower any time soon. Oil prices are kept high by the expanding Asian economies, high gasoline prices, and political conflicts with Iran and Venezuela.

### Louisiana Crude Oil and Condensate Production\*\*, Excluding Federal OCS

Month	(Barrels/Day)						% Change	
	2001	2002	2003	2004	2005	2006	04/05	05/06
January	281,518	265,186	249,841	233,633	227,012	189,003		-16.74%
February	292,253	272,883	255,098	235,608	231,974	192,501		-17.02%
March	291,564	269,611	256,512	240,406	238,272	205,323		-13.83%
April	294,590	266,451	258,474	236,064	241,407	201,915		-16.36%
May	296,576	270,269	254,323	235,448	240,410	198,205		-17.56%
June	292,872	267,157	250,847	230,503	236,031	205,703		-12.85%
July	291,250	258,096	244,636	231,693	222,430			-4.00%
August	281,844	259,541	244,532	233,026	214,203			-8.08%
September	282,613	237,276	244,823	203,870	126,697			-37.85%
October	282,090	214,081	239,653	215,570	152,979			-29.03%
November	284,168	250,724	238,607	224,999	173,903			-22.71%
December	277,159	249,765	236,788	222,396	198,103			-10.92%
<b>Year Average</b>	<b>287,375</b>	<b>256,753</b>	<b>247,844</b>	<b>228,601</b>	<b>208,618</b>	<b>198,775*</b>		

\* Partial Year

\*\*Note: Data in columns were changed due to significant figures



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JAN 06	DEC 05	NOV 05	JAN 05
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>C</sup> (MMB)	30 <sup>1</sup>	29 <sup>1</sup>	24 <sup>1</sup>	41
Natural Gas & Casinghead <sup>C</sup> (BCF)	152 <sup>1</sup>	147 <sup>1</sup>	125 <sup>1</sup>	220 <sup>2</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	156	154	142	167
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,570	1,537	1,470	1,599 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	301	310	308	303 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	329	410	359	403 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	1,228	1,220	1,228	1,075
U.S. Oil <sup>A</sup>	242	247	253	178
U.S. Offshore <sup>A</sup>	77	77	84	103
U.S. Total <sup>A</sup>	1,466	1,470	1,486	1,255
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	55.13	52.63	50.88	37.51
U.S. Imports Average <sup>C</sup> (F.O.B.)	53.36	50.28	48.82	35.65
U.S. Wellhead Average <sup>C</sup>	57.82	53.22	53.18	40.18
Gulf OCS Wellhead Average <sup>C</sup>	56.91	53.91 <sup>2</sup>	55.41	41.02
State Severance Wellhead Average <sup>E</sup>	58.61	62.57	60.50	47.82
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	10.46	10.75	11.48	7.05 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	10.85	11.03	11.31	6.30 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	8.66	10.02	9.54	5.52
State Royalty Wellhead Average	10.86	12.28	11.64	6.24 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	11.43	11.18	13.83	6.21

### Key

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet
<b>2</b>	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>N/A</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>F.O.B.</b>	Free on Board		

### Data Sources

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept. of Revenue
<b>C</b>	U. S. Dept. of Energy		

**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.

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## 2005 Louisiana State Producing Oil Wells by Production Rate, OCS Wells Excluded

Louisiana DNR Technology Assessment Division

<u>PRODUCTION BRACKET</u>	<u>NUMBER OF WELLS</u>		<u>TOTAL ANNUAL PRODUCTION</u>	
<u>BARRELS/DAY</u>	<u>WELLS</u>	<u>% TOTAL WELLS</u>	<u>BARRELS/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal to 10	14,084	58.37%	5,599,721	7.35%
Between 10 - 15	2,005	8.31%	2,962,884	3.89%
Between 15 - 20	1,117	4.63%	2,411,872	3.17%
Between 20 - 30	1,665	6.90%	4,411,245	5.79%
Between 30 - 40	1,108	4.59%	3,017,119	3.96%
Between 40 - 50	462	1.91%	3,062,550	4.02%
Between 50 - 75	1,378	5.71%	5,311,063	6.97%
Between 75 - 100	422	1.75%	4,207,432	5.52%
Between 100 - 150	413	1.71%	5,679,318	7.46%
Between 150 - 200	352	1.46%	4,946,367	6.49%
Between 200 - 300	368	1.53%	7,365,510	9.67%
Between 300 - 500	393	1.63%	9,850,397	12.93%
Between 500 - 1,000	212	0.88%	7,420,041	9.74%
Between 1,000 - 2,000	56	0.23%	3,564,592	4.68%
Between 2,000 - 5,000	94	0.39%	6,354,395	8.34%
Over 5,000	0	0.00%	0	0.00%

## 2005 Louisiana State Producing Gas Wells by Production Rate, OCS Wells Excluded

Louisiana DNR Technology Assessment Division

<u>PRODUCTION BRACKET</u>	<u>NUMBER OF WELLS</u>		<u>TOTAL ANNUAL PRODUCTION</u>	
<u>MCF/DAY</u>	<u>WELLS</u>	<u>% TOTAL WELLS</u>	<u>MCF/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal to 50	9,594	46.70%	21,883,429	2.04%
Between 50 - 60	625	3.04%	4,669,734	0.44%
Between 60 - 70	451	2.20%	4,340,809	0.41%
Between 70 - 80	423	2.06%	5,493,519	0.51%
Between 80 - 90	275	1.34%	4,468,344	0.42%
Between 90 - 100	166	0.81%	4,834,906	0.45%
Between 100 - 250	2,544	12.38%	64,628,471	6.04%
Between 250 - 400	960	4.67%	53,166,738	4.97%
Between 400 - 800	1,304	6.35%	115,149,777	10.76%
Between 800 - 1,600	1,119	5.45%	162,726,579	15.20%
Between 1,600 - 3,200	918	4.47%	205,366,414	19.18%
Between 3,200 - 6,400	1,855	9.03%	221,530,740	20.69%
Between 6,400 - 12,800	309	1.50%	202,347,920	18.90%
Between 12,800 - 25,600	224	1.09%	154,404,390	14.42%
Over 25,600	71	0.35%	60,524,275	5.65%

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## Quick Facts

## JULY 2006

Louisiana DNR Technology Assessment Division

<b>SPOT MARKET PRICES</b>	<b>Jun 06</b>	<b>May 06</b>	<b>Jun 05</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	6.19	6.46	6.89
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	5.93	7.20	6.12
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	71.84	72.52	56.64
<b>BAKER HUGHES RIG COUNTS</b>	<b>May 06</b>	<b>Apr 06</b>	<b>May 05</b>
North Louisiana <sup>A</sup>	59	56	45
South Louisiana Inland Waters <sup>A</sup>	19	19	24
South Louisiana Inland <sup>A</sup>	38	35	28
Louisiana State Offshore	2	2	5
Louisiana Federal OCS Offshore	79	75	75
Total Louisiana <sup>A</sup> (OCS included)	196	187	177
<b>PRODUCTION (State Jurisdiction Only)</b>	<b>May 06</b>	<b>Apr 06</b>	<b>May 05</b>
Louisiana Crude Oil & Condensate (MMB)	6.1	6.1 <sup>2</sup>	7.4 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	105.0	103.5 <sup>2</sup>	116.2 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b>May 06</b>	<b>Apr 06</b>	<b>May 05</b>
Total Louisiana Oil and Gas	189	171	198
Louisiana Wildcats	9	5	7
Louisiana Offshore (Wildcats included)	2	11	10