

# 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 2005

Oil prices rose above the \$60 threshold last month and are expected to remain above this mark if there is an above normal 2005 Atlantic hurricane season as predicted by the National Weather Service. An active hurricane season increases the likelihood of oil production disruption in the Gulf of Mexico, which would add supply stress to the supply-demand situation. Meanwhile, oil prices are under pressure to drop as a result of several factors: the US Department of Energy announced that the strategic petroleum reserve is nearly full and will halt buying crude oil in the near future; the Asian economy is slowing in response to high oil prices; and new production of crude oil is coming from the Gulf of Mexico deep water wells.

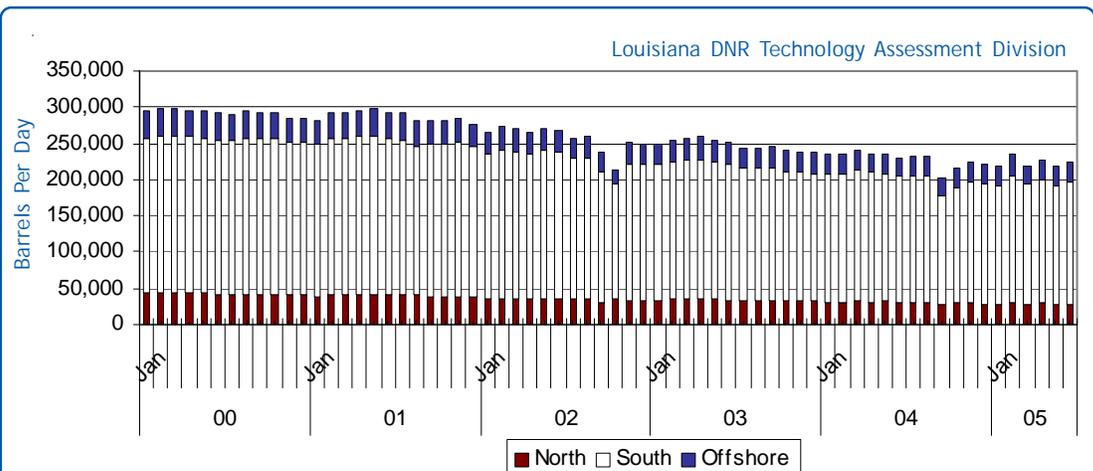
### Louisiana Crude Oil & Condensate Production\* Excluding Federal OCS

Month	Barrels Per Day						% Change	
	2000	2001	2002	2003	2004	2005	03/04	04/05
January	294,591	281,870	265,253	249,896	233,790 <sup>2</sup>	214,850		-8.10%
February	297,143	292,348	272,923	255,134	235,737 <sup>2</sup>	235,069		-0.28%
March	296,952	291,697	269,843	256,543	240,597 <sup>2</sup>	218,985		-8.98%
April	296,477	294,650	266,536	258,612	236,079	225,801		-4.35%
May	295,110	296,711	270,337	254,348	235,394	217,572		-7.57%
June	291,468	292,923	267,213	250,860	230,622	224,185		-2.79%
July	289,872	291,300	258,187	243,873	231,705		-4.99%	
August	294,767	281,929	259,629	244,285	232,075		-5.00%	
September	293,756	282,649	237,312	244,831	202,969		-17.10%	
October	293,038	282,436	214,063	239,670	215,448		-10.11%	
November	285,699	283,846	250,805	238,633	224,642		-5.86%	
December	285,555	277,230	249,770	236,793	220,891		-6.72%	
<b>Year Average</b>	<b>292,869</b>	<b>287,466</b>	<b>256,823</b>	<b>247,790</b>	<b>228,329</b>	<b>222,744</b> <sup>**</sup>		

\* All data are revised; see July 2001 statistic changes explanation.

\*\* Partial Year

### Louisiana Crude Oil & Condensate Production\* Excluding Federal OCS



\* All data are revised; see July 2001 statistic changes explanation.

## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JAN 05	DEC 04	NOV 04	JAN 04
<b>LOUISIANA FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	41	42 <sup>2</sup>	38 <sup>2</sup>	44
Natural Gas & Casinghead <sup>C</sup> (BCF)	257	243 <sup>2</sup>	234 <sup>2</sup>	277 <sup>2</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	167	169	162	175
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,597	1,596 <sup>2</sup>	1,528 <sup>2</sup>	1,627 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	305	311	303	289
U.S. Natural Gas <sup>C</sup> (BCF)	402	413 <sup>2</sup>	369 <sup>2</sup>	372 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	1,075	1,064 <sup>2</sup>	1,077 <sup>2</sup>	957
U.S. Oil <sup>A</sup>	178	180	183	146
U.S. Offshore <sup>A</sup>	103	106	100	101
U.S. Total <sup>A</sup>	1,255	1,246	1,262	1,106
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	37.51	32.52 <sup>2</sup>	35.50 <sup>2</sup>	27.88
U.S. Imports Average <sup>C</sup> (F.O.B.)	35.65	31.67 <sup>2</sup>	36.01 <sup>2</sup>	28.16
U.S. Wellhead Average <sup>C</sup>	40.18	38.22 <sup>2</sup>	42.81	30.35
Gulf OCS Wellhead Average <sup>C</sup>	41.02	42.13	44.57	31.44
State Severance Wellhead Average <sup>E</sup>	47.82	48.32	50.25	30.16 <sup>2</sup>
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	7.06	7.51	7.49	6.40 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	6.02	6.96 <sup>2</sup>	6.98 <sup>2</sup>	5.97 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	5.52	6.25	6.07	5.53
State Royalty Wellhead Average	6.36	7.70 <sup>2</sup>	7.96 <sup>2</sup>	6.39 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	6.21	7.98	7.63	6.15

Key			Data Sources				
<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet	<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>2</b>	Revised	<b>MMB</b>	Million Barrels	<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>BCF</b>	Billion Cubic Feet	<b>N/A</b>	Not Available	<b>C</b>	U. S. Dept. of Energy		
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf				
<b>F.O.B.</b>	Free on Board						

**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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## 2004 Louisiana State Crude Oil Wells by Production Rate

### OCS Wells Excluded

Louisiana DNR Technology Assessment Division

PRODUCTION BRACKET  BARRELS PER DAY	NUMBER OF WELLS		TOTAL ANNUAL PRODUCTION	
	WELLS	PERCENT TOTAL WELLS	BARRELS PER YEAR	PERCENT TOTAL PRODUCTION
Less than or equal to 10	13,746	58.06%	5,455,337	6.52%
Between 10 - 15	1,942	8.20%	2,829,471	3.38%
Between 15 - 20	941	3.97%	2,395,270	2.86%
Between 20 - 30	1,692	7.15%	4,442,246	5.31%
Between 30 - 40	851	3.59%	3,577,132	4.28%
Between 40 - 50	557	2.35%	2,702,707	3.23%
Between 50 - 75	982	4.15%	6,230,503	7.45%
Between 75 - 100	848	3.58%	4,351,555	5.20%
Between 100 - 150	643	2.72%	7,252,863	8.67%
Between 150 - 200	293	1.24%	4,918,409	5.88%
Between 200 - 300	296	1.25%	6,352,429	7.59%
Between 300 - 500	373	1.58%	10,799,766	12.91%
Between 500 - 1,000	389	1.64%	11,291,055	13.50%
Between 1,000 - 2,000	60	0.25%	3,874,199	4.63%
Between 2,000 - 5,000	28	0.12%	2,144,321	2.56%
Over 5,000	36	0.15%	5,027,456	6.01%

## 2004 Louisiana State Natural Gas Wells by Production Rate

### OCS Wells Excluded

Louisiana DNR Technology Assessment Division

PRODUCTION BRACKET  MCF PER DAY	NUMBER OF WELLS		TOTAL ANNUAL PRODUCTION	
	WELLS	PERCENT TOTAL WELLS	MCF PER YEAR	PERCENT TOTAL PRODUCTION
Less than or equal to 50	9,356	45.12%	21,550,927	1.59%
Between 50 - 60	685	3.30%	5,012,863	0.37%
Between 60 - 70	429	2.07%	4,468,714	0.33%
Between 70 - 80	403	1.94%	4,477,221	0.33%
Between 80 - 90	265	1.28%	5,136,773	0.38%
Between 90 - 100	438	2.11%	5,292,782	0.39%
Between 100 - 250	2,556	12.33%	63,186,866	4.67%
Between 250 - 400	1,018	4.91%	51,537,906	3.81%
Between 400 - 800	1,309	6.31%	117,287,711	8.68%
Between 800 - 1,600	1,172	5.65%	170,813,999	12.64%
Between 1,600 - 3,200	869	4.19%	213,446,596	15.79%
Between 3,200 - 6,400	1,773	8.55%	206,265,294	15.26%
Between 6,400 - 12,800	241	1.16%	201,367,846	14.90%
Between 12,800 - 25,600	156	0.75%	188,069,481	13.91%
Over 25,600	67	0.32%	93,756,626	6.94%

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## Quick Facts

## JULY 2005

Louisiana DNR Technology Assessment Division

	Jun 05	May 05	Jun 04
<b>SPOT MARKET PRICES</b>			
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	6.89	6.55	6.33
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	6.12	6.75	6.68
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	56.64	50.42	37.81
<b>BAKER HUGHES RIG COUNTS</b>			
	May 05	Apr 05	May 04
North Louisiana <sup>A</sup>	45	45	36
South Louisiana Inland Waters <sup>A</sup>	24	27	20
South Louisiana Inland <sup>A</sup>	28	32	28
Louisiana State Offshore	5	5	2
Louisiana Federal OCS Offshore	75	70	80
Total Louisiana <sup>A</sup> (OCS included)	177	179	166
<b>PRODUCTION (State Jurisdiction Only)</b>			
	May 05	Apr 05	May 04
Louisiana Crude Oil & Condensate (MMB)	6.7	6.8	7.3
Louisiana Natural Gas & Casinghead (BCF)	110.5	111.0	115.2 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>			
	May 05	Apr 05	May 04
Total Louisiana Oil and Gas	198	114	131
Louisiana Wildcats	7	9	8
Louisiana Offshore (Wildcats included)	10	5	2