

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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INSIDE

Highlights
page 1

**Louisiana Average
Active Rigs in Areas
Under State Jurisdiction**
page 1

Current Oil & Gas Data
page 2

Note from the Editors
page 2

**Louisiana Estimated
Dry Natural Gas
Proved Reserves**
page 3

**Louisiana Estimated
Natural Gas Liquids
Proved Reserves
Excluding Lease
Condensate**
page 3

Quick Facts
page 4

Featured Article
Fuel Cells:
Past, Present, and Future



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Highlights

JUNE 2005

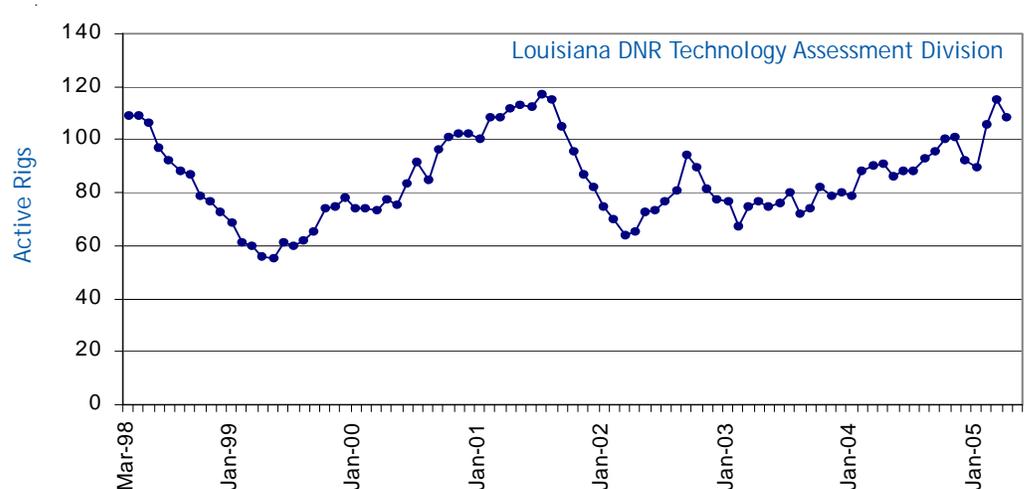
Oil and gas futures prices are increasing again, reversing their May 2005 downward trend. During the first week in June, the July gas future trading price was \$6.88 per MMBTU, while oil was trading above \$55 per barrel. These figures are influenced by a number of factors including traders' fear of a supply crunch resulting from possible refinery glitches; potential production disruption due to hurricanes; the U.S. Department of Energy forecast of \$60 per barrel of oil; and an expected growth in consumption, particularly for China, of an additional 600,000 barrels per day by the end of 2005.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	2000	2001	2002	2003	2004	2005	% Change	
							03/04	04/05
January	74	101	75	77	79 ²	90		13.61%
February	74	109	70	67	88 ²	106		20.45%
March	74	108	64	75 ²	90 ²	115		28.06%
April	78	112	65	77	91	109		19.45%
May	75	113	73	75	86		14.67%	
June	83	112	73	76	88		15.79%	
July	91	117	77	80	88		10.00%	
August	85	115	81	72	93		29.17%	
September	96	105	94	74	95		28.72%	
October	101	96	90	82	100		21.95%	
November	102	87	82	79	101		27.85%	
December	102	82	77	80	92		15.00%	
Year Average	86	105	77	76	91	105*		

* Partial Year

Louisiana Average Active Rigs in Areas Under State Jurisdiction



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	DEC 04	NOV 04	OCT 04	DEC 03
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	31	30	32	44
Natural Gas & Casinghead ^C (BCF)	258	245	261	271
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	169	162	158	174
Natural Gas & Casinghead ^C (BCF)	1,546	1,472	1,566	1,609
IMPORTS				
U.S. Crude Oil ^C (MMB)	311	303	320	300
U.S. Natural Gas ^C (BCF)	410	350	324	367 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	1,046	1,077 ²	1,068	958
U.S. Oil ^A	180	183	171	152
U.S. Offshore ^A	106	100	95	105
U.S. Total ^A	1,246	1,262	1,240	1,112
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	29.91	35.41	41.33	27.02
U.S. Imports Average ^C (F.O.B.)	30.49	35.93	42.33	26.75
U.S. Wellhead Average ^C	38.10	42.81	46.28	28.54
Gulf OCS Wellhead Average ^C	42.12	44.57	45.06	29.46
State Severance Wellhead Average ^E	48.32	50.25	46.06	29.45
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	7.51	7.49	6.31	5.90 ²
U.S. Imports Average ^C (F.O.B.)	6.11	5.90	5.28	5.08 ²
U.S. Wellhead Average ^C	6.25	6.07	5.45	5.08
State Royalty Wellhead Average	7.68	6.99	6.10	5.74 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	7.98	7.63	5.72	4.86

Key

1	Estimated	MCF	Thousand Cubic Feet
2	Revised	MMB	Million Barrels
BCF	Billion Cubic Feet	N/A	Not Available
BTU	British Thermal Unit	OCS	Outer Continental Shelf
DEG F	Degrees Farenheit	PSIA	Pounds Per Square Inch Absolute
F.O.B.	Free on Board		

Data Sources

A	Oil & Gas Journal	D	Natural Gas Week
B	Wall Street Journal	E	LA Dept of Revenue
C	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.

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.

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Louisiana Estimated Dry Natural Gas Proved Reserves^c (BCF at 14.73 PSIA and 60 DEG F)

Louisiana DNR Technology Assessment Division

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1987	2,306	8,693	1,431	23,260 *	35,690 *	187,211
1988	2,398	8,654	1,172	23,471 *	35,695 *	168,024
1989	2,652	8,645	1,219	24,187 *	36,703 *	167,116
1990	2,588	8,171	969	22,679 *	34,407 *	169,346
1991	2,384	7,504	1,024	21,611 *	32,523 *	167,062
1992	2,311	6,693	776	19,653 *	29,433 *	165,015
1993	2,325	5,932	917	19,383 *	28,557 *	162,415
1994	2,537	6,251	960	20,835 *	30,583 *	163,837
1995	2,788	5,648	838	21,392 *	30,666 *	165,146
1996	3,105	5,704	734	21,856 *	31,399 *	166,474
1997	3,093	5,855	725	21,934 *	31,607 *	167,223
1998	2,898	5,698	551	20,774 *	29,921 *	164,041
1999	3,079	5,535	628	19,598 *	28,840 *	167,406
2000	3,298	5,245	696	19,788 *	29,027 *	177,427
2001	3,881	5,185	745	19,721 *	29,532 *	183,460
2002	4,245	4,224	491	18,500 *	27,460 *	186,946
2003	5,074	3,746	506	16,728 *	26,054 *	189,044

* Includes Federal Offshore Alabama

Louisiana Estimated Natural Gas Liquids Proved Reserves^c Excluding Lease Condensate (MMB)

Louisiana DNR Technology Assessment Division

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1987	33	235	33	309	610	5,343
1988	39	228	27	289	583	5,460
1989	40	215	39	297	591	4,991
1990	38	249	37	261	585	4,982
1991	38	242	41	292	613	4,978
1992	41	229	47	246	563	4,999
1993	38	201	21	255	515	4,838
1994	48	214	19	267	548	4,876
1995	55	359	16	191	621	5,005
1996	61	284	36	199	580	5,209
1997	50	199	12	352	613	5,291
1998	34	187	13	341	575	4,852
1999	36	230	19	398	681	5,316
2000	39	207	21	315	582	7,012
2001	35	128	41	273	477	6,595
2002	30 ²	119 ²	37 ²	483 ²	669 ²	6,648 ²
2003	48	100	35	347	530	6,244

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INSIDE

Highlights
page 1

**Louisiana Average
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**Current
Oil & Gas Data**
page 2

Note from the Editors
page 2

**Louisiana Estimated Dry
Natural Gas
Proved Reserves**
page 3

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Proved Reserves**
page 3

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page 4

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MAY 2005

Louisiana DNR Technology Assessment Division

	May 05	Apr 05	May 04
SPOT MARKET PRICES			
Louisiana Natural Gas ^D (\$/MMBTU)	6.55	7.18 ²	6.10
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	6.75	7.32	5.94
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	50.42	53.48 ²	40.03
BAKER HUGHES RIG COUNTS			
	Apr 05	Mar 05	Apr 04
North Louisiana ^A	45	48	40
South Louisiana Inland Waters ^A	27	26	18
South Louisiana Inland ^A	32	35 ²	31
Louisiana State Offshore	5	6	2
Louisiana Federal OCS Offshore	70	73	78
Total Louisiana ^A (OCS included)	179	188 ²	169
PRODUCTION (State Jurisdiction Only)			
	Apr 05	Mar 05	Apr 04
Louisiana Crude Oil & Condensate (MMB)	6.8	6.8	7.1
Louisiana Natural Gas & Casinghead (BCF)	111.0	110.8	111.3
DRILLING PERMITS (State Jurisdiction Only)			
	Apr 05	Mar 05	Apr 04
Total Louisiana Oil and Gas	114	163	145
Louisiana Wildcats	9	7	14
Louisiana Offshore (Wildcats included)	5	6	4