

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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JUNE 2009

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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 70802

Tel. (225) 342-1270
Fax. (225) 242-1397
Email: techasmt@la.gov
www.dnr.louisiana.gov/tad

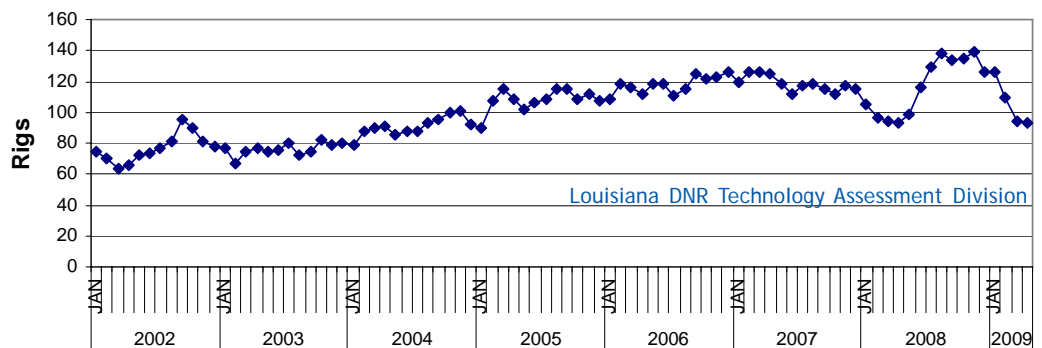
Highlights

The 2009 Atlantic hurricane season, which began June 1, is predicted to be fairly mild. According to the Minerals Management Service (MMS), the daily production in the Gulf of Mexico (GOM) is expected to exceed 1.6 million barrels of oil and 7 billion cubic feet of natural gas from existing shallow and deepwater operations. *Natural Gas Week* reported that Lars Herbst, the MMS-GOM Regional Director, said the Gulf is one of the major energy producing regions in the US, and is better prepared for this hurricane season than it was for previous seasons. In 2005, 19 rigs were set adrift by storms (63% of the moored mobile drilling units), but in 2008 only two rigs were pulled from their moorings and set adrift. The MMS and the Coast Guard attribute this success to the new 12-point mooring system, now in use after Hurricanes Katrina and Rita. This year's enhancement to help protect the mobile drilling units is the addition of an onboard independent global positioning system.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	(Monthly Average)						% Change	
	2004	2005	2006	2007	2008	2009	07/08	08/09
January	79	90	108	119	105	126		20.10%
February	88	107	118	126 ²	97	110		13.61%
March	90	115	116	126 ²	90 ²	95		5.28%
April	91	109	112	125 ²	94	93		-0.96%
May	86	102	118	118	99		-16.28%	
June	88	106	118	112	117		4.02%	
July	88	109	111	118	129		10.00%	
August	93	115	115	119	138		16.33%	
September	95	115	124	115	133		15.62%	
October	100	109	122	112	134		20.00%	
November	101	112	123	117	140		19.40%	
December	92	108	126	115	126		9.57%	
Year Average	91	108	118	118²	117	106[*]		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	DEC 08	NOV 08	OCT 08	DEC 07
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	28 ¹	29 ¹	23 ¹	37 ¹
Natural Gas & Casinghead ^C (BCF)	105 ¹	101 ¹	92 ¹	171 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	159	148	144	157
Natural Gas & Casinghead ^C (BCF)	1,783	1,730 ²	1,727	1,688 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	292	298	313	305
U.S. Natural Gas ^C (BCF)	368	322 ²	323 ²	397 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	1,380	1,498	1,542	1,468
U.S. Oil ^A	391	426	422	338
U.S. Offshore ^A	66	63	73	62
U.S. Total ^A	1,782	1,935	1,976	1,811
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	35.79	45.57	62.77	86.61
U.S. Imports Average ^C (F.O.B.)	34.23	44.95 ²	63.15	82.85
U.S. Wellhead Average ^C	36.80	53.67	73.22	85.28 ²
Gulf OCS Wellhead Average ^C	48.19	68.67	90.11	87.02
State Severance Wellhead Average ^E	80.01	98.89	118.52	83.64
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	8.16	7.93 ²	7.80 ²	8.13
U.S. Imports Average ^C (F.O.B.)	6.73	6.54 ²	6.87 ²	7.51
U.S. Wellhead Average ^C	5.87	5.97	6.36	6.97 ²
State Royalty Wellhead Average	6.57	7.00 ²	7.45 ²	8.10 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	6.89	6.47	7.47	7.20

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

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 Dry Natural Gas Proved Reserves^c

As of December 31st of Each Year
(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)
Louisiana DNR Technology Assessment Division

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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
2004	5,770	3,436	382	14,685 *	24,273 *	192,513
2005	6,695	3,334	418	13,665 *	24,112 *	204,385
2006	6,715	3,335	424	11,824 *	22,298 *	211,085
2007	6,344	3,323	378	11,090 *	21,135 *	237,726

* Includes Federal Offshore Alabama

Louisiana Estimated Natural Gas Liquids Proved Reserves^c, Excluding Lease Condensate

As of December 31st of Each Year
(Million Barrels)
Louisiana DNR Technology Assessment Division

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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	119	37	346	532	6,648
2003	48	100	35	235	418	6,244
2004	53	87	27	410	577	6,707
2005	61	96	32	375	563	6,947
2006	60	94	22	390	484	7,133
2007	69	99	24	348	540	7,728

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

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	May 09	Apr 09	May 08
SPOT MARKET PRICES			
Louisiana Natural Gas ^D (\$/MMBTU)	3.65	3.54	11.14
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.33	3.63	11.28
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	59.51	52.32	128.74
BAKER HUGHES RIG COUNTS			
	Apr 09	Mar 09	Apr 08
North Louisiana ^A	74	71	50
South Louisiana Inland Waters ^A	5	6	20
South Louisiana Inland ^A	14	18	22
Louisiana State Offshore	0	1	4
Louisiana Federal OCS Offshore	41	39	50
Total Louisiana ^A (OCS included)	134	134	144
PRODUCTION (State Jurisdiction Only)			
	Apr 09	Mar 09	Apr 08
Louisiana Crude Oil & Condensate (MMB)	6.1 ¹	6.4 ²	6.4
Louisiana Natural Gas & Casinghead (BCF)	113.4 ¹	115.8	113.2 ²
DRILLING PERMITS (State Jurisdiction Only)			
	Apr 09	Mar 09	Apr 08
Total Louisiana Oil and Gas	108	106	198
Louisiana Wildcats	3	5	7
Louisiana Offshore (Wildcats included)	2	1	5