

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Highlights NOVEMBER 2011

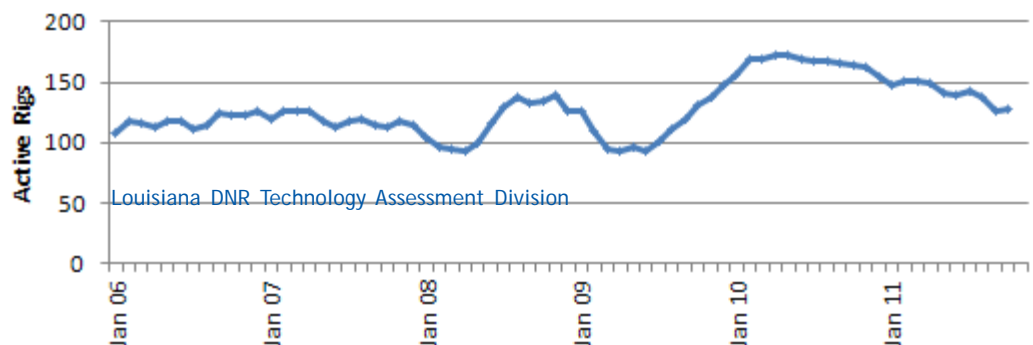
Gas prices continue to fall. Natural gas contract prices have declined 9.7% from \$4.35 per MMBTU in January 2011 to \$3.93 per MMBTU in November 2011. Natural Gas Week experts are attributing the decline of gas prices to the rising tide of shale gas supplies and the fact that no hurricanes hit the Gulf producing areas this year. They are predicting that the average price for 2012 will be \$4.30. This is 32 cents lower than previous projections (forecast ranged from \$5.15 to \$3.80 per MMBTU). The U.S. Energy Information Administration is projecting \$3.93 per MMBTU for 2012.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

(Monthly Average Active Rigs)

Month	2006	2007	2008	2009	2010	2011	% Change	
							09/10	10/11
January	108	119	105	126	156	148		-5.14%
February	118	126	97	110	169	151		-10.80%
March	116	126	94	95	170 ²	151		-10.91%
April	112	125	94	93	172	149		-13.47%
May	118	118	99	96	172	141		-18.14%
June	118	112	117	94	169	140		-17.28%
July	111	118	129	101	167	142		-15.17%
August	115	119	138	111	167	138		-17.54%
September	124	115	133	120	166	127		-23.38%
October	122	112	134	131	165	127		-22.84%
November	123	117	140	138	162		17.57%	
December	126	115	126	147	154		4.76%	
Year Average	118	118	117	113	166²	141^{**}		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 11	APR 11	MAR 11	MAY 10
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	38 ¹	36 ¹	39 ¹	42 ¹
Natural Gas & Casinghead ^C (BCF)	117 ¹	116 ¹	122 ¹	138 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	174	168 ²	175	167 ²
Natural Gas & Casinghead ^C (BCF)	1,947	1,891	1,928	1,824 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	279	261	280	299 ²
U.S. Natural Gas ^C (BCF)	278	280	315	298
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	878	885 ²	884	960
U.S. Oil ^A	948	896	830	541
U.S. Offshore ^A	32	28	26	49
U.S. Total ^A	1,836	1,790	1,720	1,513
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	107.99	115.13	106.19	70.45
U.S. Imports Average ^C (F.O.B.)	106.43	111.93	104.19	69.21
U.S. Wellhead Average ^C	102.47	108.80	99.19	70.90
Gulf OCS Wellhead Average ^C	115.05	113.66	103.24	78.52
State Severance Wellhead Average ^E	111.57	89.82	88.38	76.42 ²
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	5.78	5.59	5.68	5.81 ²
U.S. Imports Average ^C (F.O.B.)	4.32	4.35	4.25	4.13
U.S. Wellhead Average ^C	4.12	3.98	3.90	4.04
State Royalty Wellhead Average	4.48	4.35	4.12	4.40 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	4.38	4.37	3.79	4.27

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 **Newsletters**. 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)

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
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
2007	174,554,670	816,896,435	991,451,105	481,788,044
2008	168,730,922 ²	767,894,191 ²	936,625,113 ²	454,085,373 ²
2009	182,258,937	607,792,864	790,051,801	428,186,575
2010	199,457,627	650,091,329	849,548,956	453,340,592

Louisiana Estimated Natural Gas Imports And Exports (MCF)

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
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
2007	1,799,629,628	n/a	1,799,629,628	3,816,135,033
2008	2,416,147,366 ²	9,306,010	2,425,453,376 ²	3,819,251,975 ²
2009	2,871,992,733	21,246,016	2,893,238,749	4,374,100,574
2010	2,968,917,248	37,981,236	3,006,898,484	4,903,836,122

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Quick Facts

NOVEMBER 2011

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Oct 11	Sep 11	Oct 10
Louisiana Natural Gas ^D (\$/MMBTU)	3.54	3.85	3.51
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.76	3.86	3.84
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	111.82	112.67	85.26

BAKER HUGHES RIG COUNTS

	Sep 11	Aug 11	Sep 10
North Louisiana ^A	83	89	136
South Louisiana Inland Waters ^A	17	18	13
South Louisiana Inland ^A	25	29	15
Louisiana State Offshore	2	2	1
Louisiana Federal OCS Offshore	25	30	19
Total Louisiana ^A (OCS included)	152	168	184

PRODUCTION (State Jurisdiction Only)

	Sep 11	Aug 11	Sep 10
Louisiana Crude Oil & Condensate (MMB)	5.3	5.5	5.7 ²
Louisiana Natural Gas & Casinghead (BCF)	224.1	228.9	193.9 ²

DRILLING PERMITS (State Jurisdiction Only)

	Sep 11	Aug 11	Sep 10
Total Louisiana Oil and Gas	176	131	191
Louisiana Wildcats	4	3	4
Louisiana Offshore (Wildcats included)	4	0	9