

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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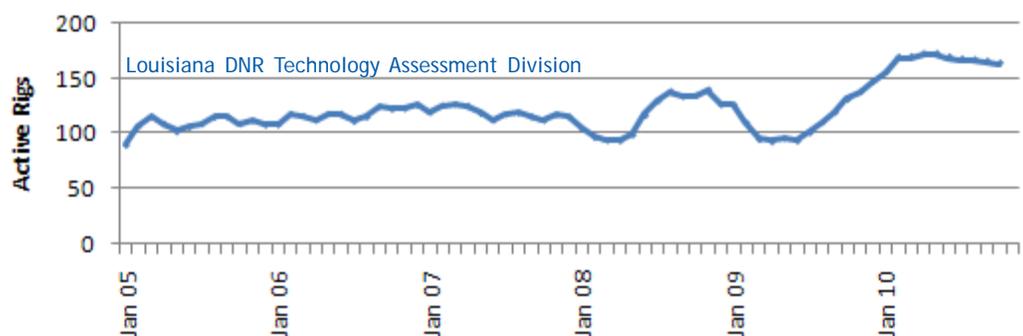
Highlights NOVEMBER 2010

Gas prices continue to fall. The natural gas contract price has fallen from \$5.81 in January 2010 to \$3.29 in November 2010. This represents a 43% decline. Natural Gas Week reported that NYMEX traders are worrying prices might go lower by next Spring if demand does not increase or shut in is not implemented soon. They are saying production needs to decline at least 3 BCF/day immediately to avert this. Even at this low gas price production is still strong. The average number of natural gas drilling rigs in October 2010 in the U. S. was 967, which is 240 more rigs than in October 2009. The U. S. natural gas supply also increased for the first eight months of 2010. Total domestic production was 1.2% higher than for the same time period in 2009. A new LNG facility (Golden Pass) was completed in Texas that is capable of receiving 1 BCF/day to 2 BCF/day.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	(Monthly Average Active Rigs)						% Change	
	2005	2006	2007	2008	2009	2010	07/08	08/09
January	90	108	119	105	126	156		23.61%
February	107	118	126	97	88 ²	169		92.05%
March	115	116	126	94	90	170		88.33%
April	109	112	125	94	91 ²	172		89.23%
May	102	118	118	99	96	172		79.43%
June	106	118	112	117	94	169		81.02%
July	109	111	118	129	101	167		65.74%
August	115	115	119	138	111	167		50.90%
September	115	124	115	133	120	166		38.49%
October	109	122	112	134	131	164		25.00%
November	112	123	117	140	138		-1.22%	
December	108	126	115	126	147		16.83%	
Year Average	108	118	118	117	111 ²	167 ^{**}		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 10	APR 10	MAR 10	MAY 09
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	41 ¹	40 ¹	46 ¹	44 ¹
Natural Gas & Casinghead ^C (BCF)	131 ¹	134 ¹	149 ¹	142 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	170	165	171 ²	167 ²
Natural Gas & Casinghead ^C (BCF)	1,838	1,779	1,835	1,779 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	298	292	288	273 ²
U.S. Natural Gas ^C (BCF)	299	295	319	266 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	960	959	933	723
U.S. Oil ^A	541	508	471	187
U.S. Offshore ^A	49	53	50	54
U.S. Total ^A	1,513	1,479	1,419	918
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	70.45	78.88 ²	75.83	56.30 ²
U.S. Imports Average ^C (F.O.B.)	69.21	78.27 ²	75.41	55.61 ²
U.S. Wellhead Average ^C	70.90	78.80	75.77	52.67 ²
Gulf OCS Wellhead Average ^C	78.52	79.06	75.11	50.57
State Severance Wellhead Average ^E	76.42	82.92	74.29	46.72
NATURAL GAS (\$/MCF)				
U.S. City Gate Average ^C	5.75	5.78 ²	6.35 ²	5.47 ²
U.S. Imports Average ^C (F.O.B.)	4.13	4.13	4.87	3.48
U.S. Wellhead Average ^C	4.04	3.92	4.36	3.45
State Royalty Wellhead Average	4.74	4.19	4.77 ²	3.71 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	4.27	3.84	4.82	3.32

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				
FO.B.	Free on Board	MMBTU	Million British Thermal Units				
				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.

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>
1990	294,094,671	834,189,106	1,128,283,777	752,551,218
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	168,676,616	767,866,606	936,543,222	454,049,470
2009	182,258,937	607,792,864	790,051,801	428,186,575

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>
1990	771,083,558	1,217,065	772,300,623	4,845,135,424
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	2,416,167,816	9,306,010	2,425,473,826	3,819,274,045
2009	2,871,992,733	21,246,016	2,893,238,749	4,374,100,574

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NOVEMBER 2010

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Oct 10	Sep 10	Oct 09
Louisiana Natural Gas ^D (\$/MMBTU)	3.51	3.80	3.77
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.84	3.65	3.73
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	85.23	80.14	76.43 ²

BAKER HUGHES RIG COUNTS

	Sep 10	Aug 10	Sep 09
North Louisiana ^A	136	137	96
South Louisiana Inland Waters ^A	13	12	6
South Louisiana Inland ^A	15	16	17
Louisiana State Offshore	1	2	1
Louisiana Federal OCS Offshore	19	17	26
Total Louisiana ^A (OCS included)	184	184	146

PRODUCTION (State Jurisdiction Only)

	Sep 10	Aug 10	Sep 09
Louisiana Crude Oil & Condensate (MMB)	5.5	5.6	5.7 ²
Louisiana Natural Gas & Casinghead (BCF)	156.1	156.5 ²	130.9 ²

DRILLING PERMITS (State Jurisdiction Only)

	Sep 10	Aug 10	Sep 09
Total Louisiana Oil and Gas	191	182	93
Louisiana Wildcats	4	3	2
Louisiana Offshore (Wildcats included)	9	4	1