

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Highlights NOVEMBER 2015

Louisiana's average spot price for natural gas has fallen over the last 30 days. On October 27, 2015 on the New York Mercantile Exchange (NYMEX), the intraday price dropped temporarily to \$1.948 per MMBTU, the first time that natural gas has traded below \$2 per MMBTU since April 2012. The natural gas spot price for October 2015 was \$2.35 per MMBTU, a 10% decline from the previous month and 61% lower than the October 2014 average. The low natural gas prices can be attributed to the Weather Service projection of warmer weather from the Rocky Mountains to the East Coast of the United States, the increasing natural gas production in the lower 48 states, and the rising natural gas stocks in storage. The U.S. Energy Information Administration (EIA) reported a 63 billion cubic foot injection for the week ended October 23, 2015, pushing the working inventory to 3.877 BCF. The week storage level is 11.8% over last year's levels and 4.1% over the 5-year average.

The printed version of the Energy Facts Monthly has been discontinued. The final printed version of the monthly newsletter was published in October 2015.

The Energy Facts Monthly is available on the Department of Natural Resources (DNR) website at: <http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=35&ngid=2> and select **Newsletters**.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	(Monthly Average Active Rigs)						% Change	
	2010	2011	2012	2013	2014	2015	13/14	14/15
January	156	148	110	60	59	59		0.34%
February	169	151	102	59	56	59		5.36%
March	170	151	99	61	58	45		-21.39%
April	172	149	90	64	59	40		-32.91%
May	172	141	85	64	60	40		-33.44%
June	169	140	80	62	59	43		-26.81%
July	167	142	71	57	60	43		-27.97%
August	167	138	74	63	58	45		-22.68%
September	166	127	67	62	59	42		-28.69%
October	165	126	63	61	62	37		-40.94%
November	162	128	66	59	64		8.79%	
December	154	114	63	57	61		6.58%	
Year Average	166	138	81	61	60	45 **		

** Partial Year

Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 15	APR 15	MAR 15	MAY 14
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	39	42 ¹	39 ¹	40
Natural Gas & Casinghead (BCF)	89	91 ¹	86 ¹	99
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	291	288 ²	296 ²	267 ²
Natural Gas & Casinghead ^C (BCF)	2,290	2,240	2,299 ²	2,165 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	224	216	235	222
U.S. Natural Gas ^C (BCF)	204	205	257	207
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	223	222	250	325
U.S. Oil ^A	662	750	857	1,530
U.S. Offshore ^A	32	33	43	58
U.S. Total ^A	889	976	1,109	1,859
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	54.12	50.12 ²	45.17	98.29
U.S. Imports Average ^C (F.O.B.)	53.45	48.31	43.58	96.16 ²
U.S. Wellhead Average ^C	54.38	49.30 ²	42.66	95.74 ²
Gulf OCS Wellhead Average ^C	57.33	53.23	47.12	99.36
State Severance Wellhead Average ^E	55.69	45.79	55.63	105.85
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.20	3.91	4.33	5.90 ²
U.S. Imports Average ^C (F.O.B.)	2.52	2.59	3.90	4.60 ²
U.S. Spot Market Average ^D	2.69	2.54	3.27	4.62
State Royalty Wellhead Average	2.71	2.52 ²	2.74 ²	4.60
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.52	2.59	2.89	4.78 ²

Key

1	Estimated	MCF	Thousand Cubic Feet
2	Revised	MMB	Million Barrels
BCF	Billion Cubic Feet	NA	Not Available
BTU	British Thermal Unit	OCS	Outer Continental Shelf
FO.B.	Free on Board	MMBTU	Million British Thermal Units

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	F	BOEM

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://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=35&ngid=2>. 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 to update your email and/or address, contact us with your information. 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>
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	767,894,191	936,625,113	454,085,373
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
2011	224,516,717	604,090,791	828,607,508	470,330,446
2012	251,713,325	558,733,899	810,447,224	311,769,084
2013	343,133,879	419,087,598	762,221,477	270,802,771
2014	438,543,962	351,264,763	789,808,725	261,600,829

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>
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	9,306,010	2,425,453,376	3,819,251,975
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
2011	2,942,300,217	14,315,238	2,956,615,455	5,235,594,099
2012	2,921,306,407	10,271,538	2,931,577,945	5,202,884,633
2013	2,614,810,990	7,231,826	2,622,042,816	4,316,459,899
2014	2,482,102,996	5,016,324	2,487,119,320	3,775,998,381

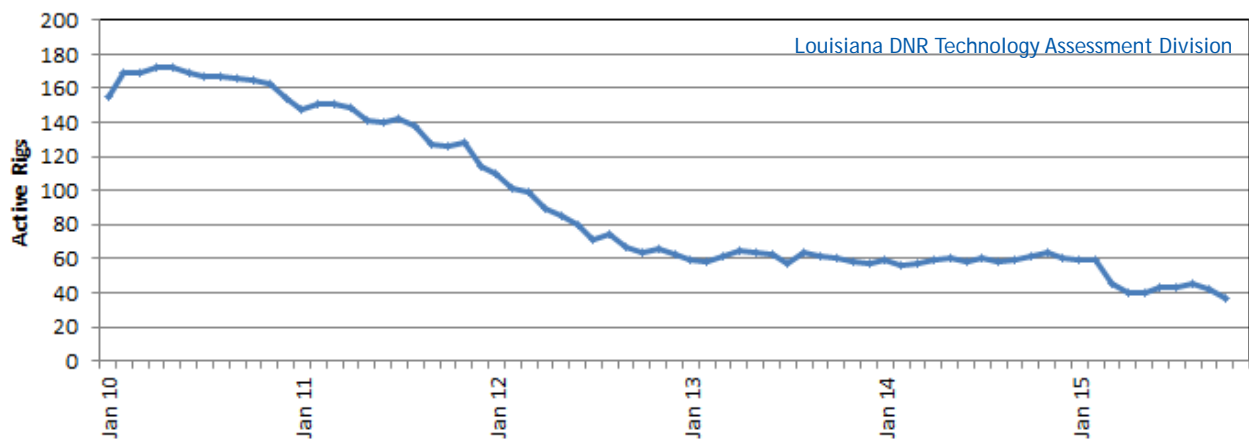


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SPOT MARKET PRICES

	Oct 15	Sep 15	Oct 14
Louisiana Natural Gas ^D (\$/MMBTU)	2.35	2.58 ²	3.78
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.56	2.64	3.98
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	47.38	48.64	87.60

BAKER HUGHES RIG COUNTS

	Sep 15	Aug 15	Sep 14
North Louisiana ^A	30	29	29
South Louisiana Inland Waters ^A	4	5	13
South Louisiana Inland ^A	9	11	17
Louisiana State Offshore	0	0	1
Louisiana Federal OCS Offshore	30	32	55
Total Louisiana ^A (OCS included)	72	77	115

PRODUCTION (State Jurisdiction Only)

	Sep 15	Aug 15	Sep 14
Louisiana Crude Oil & Condensate (MMB)	5.6 ¹	5.7 ¹	6.1 ²
Louisiana Natural Gas & Casinghead (BCF)	147.0 ¹	148.2 ¹	158.1 ²

DRILLING PERMITS (State Jurisdiction Only)

	Sep 15	Aug 15	Sep 14
Total Louisiana Oil and Gas	77	44	106
Louisiana Wildcats	2	3	2
Louisiana Offshore (Wildcats included)	0	1	1