

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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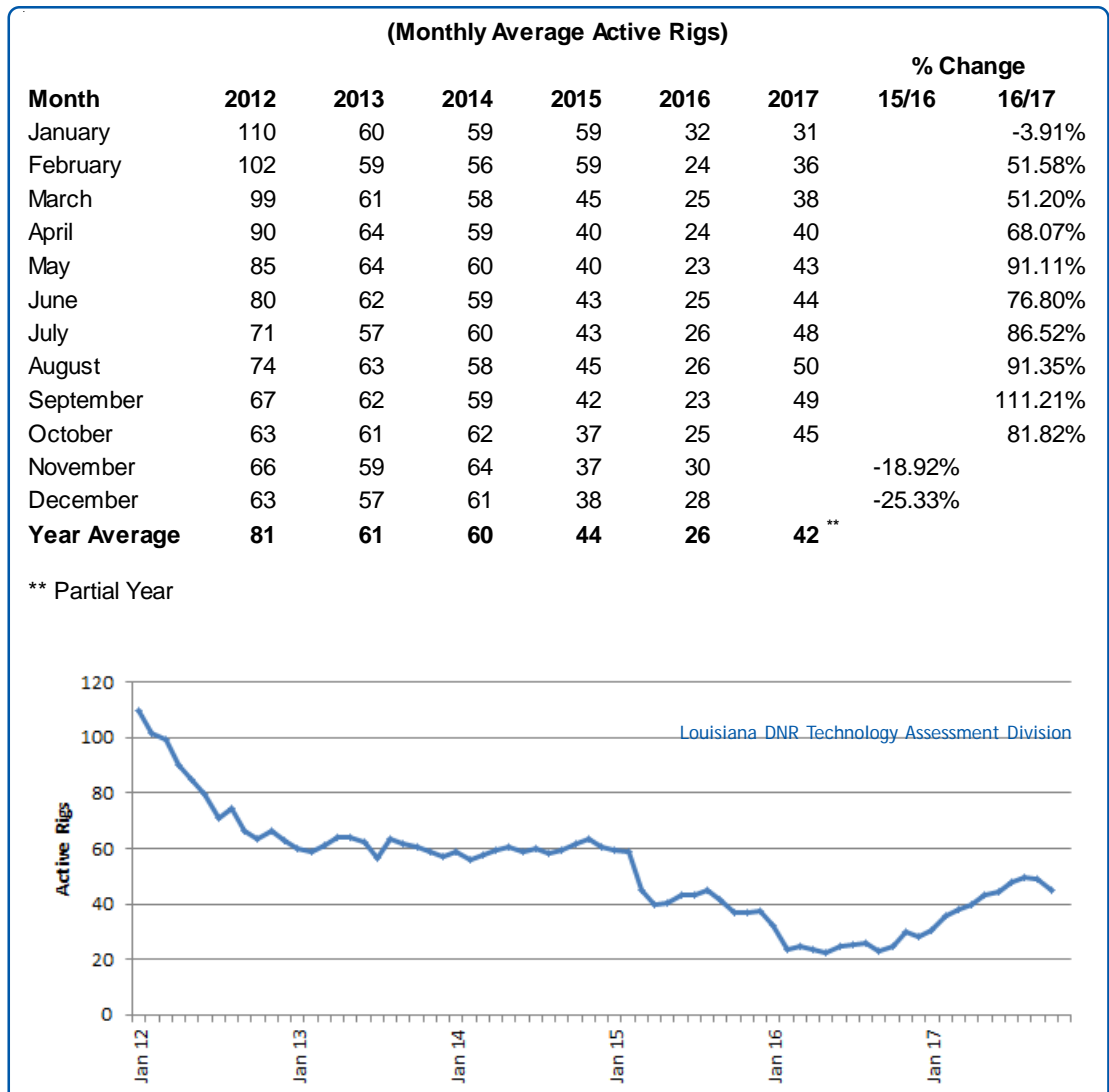
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Highlights

Louisiana natural gas average spot price was \$3 per MMBTU in the first 10 months of 2017, 23% higher than last year for the same period. The higher gas price was caused by gas consumption increases in the electric power sector due to low gas prices and the expectation of LNG exports. Working gas in storage was 3,710 BCF, as of October 20, 2017, according to EIA estimates. This is a net increase of 64 BCF from the previous week, 189 BCF lower than last year at this time, and 46 BCF below the five-year average of 3,756 BCF. The expected average natural gas price for the rest of 2017, and well into 2018, will be below \$3.50 per MMBTU.

NOVEMBER 2017

Louisiana Average Active Rigs in Areas Under State Jurisdiction



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 17	APR 17	MAR 17	MAY 16
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	46	48 ²	53 ²	47 ²
Natural Gas & Casinghead (BCF)	86	87 ²	95 ²	97 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	284	274 ²	283	275
Natural Gas & Casinghead ^C (BCF)	2,230	2,155 ²	2,222 ²	2,278 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	260	244	250	246
U.S. Natural Gas ^C (BCF)	244	238	281	248
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	178	166	154	86
U.S. Oil ^A	714	685	634	320
U.S. Offshore ^A	22	20	20	24
U.S. Total ^A	893	853	789	407
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	45.58	47.09	46.85	40.51
U.S. Imports Average ^C (F.O.B.)	43.58	43.58	44.08	38.31 ²
U.S. Wellhead Average ^C	45.19	47.23	46.39	41.02
Gulf OCS Wellhead Average ^C	47.09	47.63 ²	47.91	38.48
State Severance Wellhead Average ^E	66.46	50.97	47.73	32.32
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.39	4.17 ²	3.84	3.44 ²
U.S. Imports Average ^C (F.O.B.)	2.70	2.64	2.68	1.55
U.S. Spot Market Average ^D	3.01	3.01	2.84	1.84
State Royalty Wellhead Average	3.09	3.19 ²	2.78 ²	1.78 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.14	3.18	2.63	2.00

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://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.

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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>
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
2015	478,773,258	358,099,808	836,873,066	256,695,969
2016	425,135,131	395,685,405	820,820,536	264,776,055

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>
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
2015	2,275,276,676	5,879,794	2,281,156,470	3,426,848,532
2016	2,050,211,214	1,751,740	2,051,962,954	3,075,203,915



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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NOVEMBER 2017

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Oct 17	Sep 17	Oct 16
Louisiana Natural Gas ^D (\$/MMBTU)	2.87	2.86	2.84
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.97	2.96	2.95
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	57.74	54.81 ²	51.25

BAKER HUGHES RIG COUNTS

	Sep 17	Aug 17	Sep 16
North Louisiana ^A	42	43	15
South Louisiana Inland Waters ^A	4	3	4
South Louisiana Inland ^A	3	4	4
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	17	16	17
Total Louisiana ^A (OCS included)	66	66	40

PRODUCTION (State Jurisdiction Only)

	Sep 17	Aug 17	Sep 16
Louisiana Crude Oil & Condensate (MMB)	4.3 ¹	4.4 ¹	4.7
Louisiana Natural Gas & Casinghead (BCF)	149.6 ¹	150.9 ¹	140.6

DRILLING PERMITS (State Jurisdiction Only)

	Sep 17	Aug 17	Sep 16
Total Louisiana Oil and Gas	44	68	60
Louisiana Wildcats	2	0	0
Louisiana Offshore (Wildcats included)	0	0	0