

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

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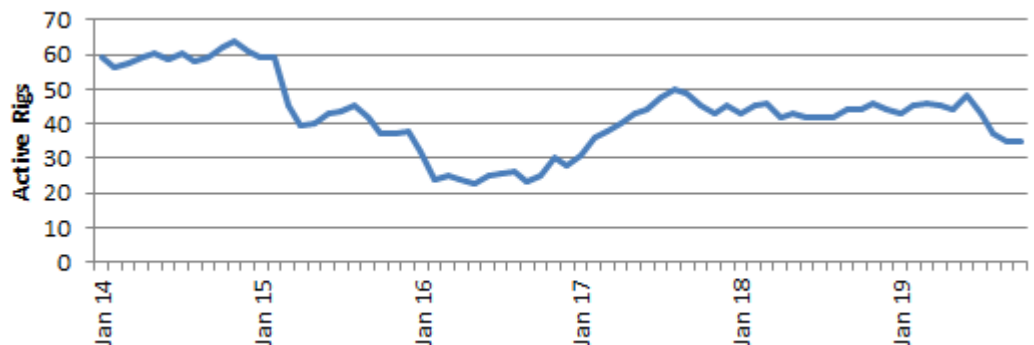
## Highlights NOVEMBER 2019

The Louisiana natural gas spot price has been \$2.41 per MMBTU in the first 10 months of 2019, 48 cents, or 16.6% lower than the same period last year. The lower gas price was caused by excess supply in natural gas production. Working gas in storage was 3,695BCF as of October 25, 2019, according to the EIA estimates. This represents a net increase of 89 BCF from the previous week, and it was 559 BCF higher than last year at this time, and 52 BCF higher the five-year average of 3,643 BCF. The expected average natural gas prices for the rest of 2019 and into 2020 is expected below \$3.00 per MMBTU.

### Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	(Monthly Average Active Rigs)						% Change	
	2014	2015	2016	2017	2018	2019	17/18	18/19
January	59	59	32	31	43	43		0.00%
February	56	59	24	36	45	45		0.00%
March	58	45	25	38	46	46		0.00%
April	59	40	24	40	42	45		7.14%
May	60	40	23	43	43	44		2.33%
June	59	43	25	44	42	48		14.29%
July	60	43	26	48	42	43		2.38%
August	58	45	26	50	42	37		-11.90%
September	59	42	23	49	44	35		-20.45%
October	62	37	25	45	44	35		-20.45%
November	64	37	30	43	46		6.98%	
December	61	38	28	45	44		-2.22%	
<b>Year Average</b>	<b>60</b>	<b>44</b>	<b>26</b>	<b>42</b>	<b>43</b>	<b>42 **</b>		

\*\* Partial Year



Louisiana DNR Technology Assessment Division

## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

<b>PRODUCTION</b>	<b>MAY 19</b>	<b>APR 19</b>	<b>MAR 19</b>	<b>MAY 18</b>
GOM CENTRAL FEDERAL OFFSHORE <sup>F</sup> (OCS)				
Crude Oil & Condensate (MMB)	56	57	57	45 <sup>2</sup>
Natural Gas & Casinghead (BCF)	82	84	86	70 <sup>2</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	376	364	369	324 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	3,003	2,919 <sup>2</sup>	3,000 <sup>2</sup>	2,730 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	222	211	210	243 <sup>2</sup>
U.S. Natural Gas <sup>C</sup> (BCF)	208	207	253	227 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	184	189	193	198
U.S. Oil <sup>A</sup>	802	824	830	847
U.S. Offshore <sup>A</sup>	19	19	19	20
U.S. Total <sup>A</sup>	986	1,026	1,000	1,065
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	67.97	70.54	65.95	70.07
U.S. Imports Average <sup>C</sup> (F.O.B.)	60.70	61.31	57.54	62.95
U.S. Wellhead Average <sup>C</sup>	59.68	63.01	57.47	66.16
Gulf OCS Wellhead Average <sup>C</sup>	65.08	66.35	61.22	67.34
State Severance Wellhead Average <sup>E</sup>	61.39	58.01	61.25	63.22
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	3.65	3.69	4.01	4.13 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	3.79	2.14	3.79	1.73
U.S. Spot Market Average <sup>D</sup>	2.14	2.27	3.29	2.60
State Royalty Wellhead Average	2.44	2.53 <sup>2</sup>	2.75	2.76
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.69	2.71	2.86	2.82

### Key

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

### Data Sources

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>C</b>	U. S. Dept. of Energy	<b>F</b>	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)

<b>YEAR</b>	<b>Domestic Imports</b>	<b>Foreign Imports</b>	<b>Total Imports</b>	<b>Total Exports</b>
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
2017	507,957,916	326,975,746	834,933,662	287,040,373
2018	509,672,251	261,358,281	771,030,532	203,205,909

## Louisiana Estimated Natural Gas Imports and Exports

(MCF)

<b>YEAR</b>	<b>Domestic Imports</b>	<b>Foreign Imports</b>	<b>Total Imports</b>	<b>Total Exports</b>
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
2017	2,187,275,983	152,454	2,187,428,437	2,779,327,955
2018	2,643,507,875	91,332	2,643,599,207	3,412,655,118



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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**NOVEMBER 2019**

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	Oct 19	Sep 19	Oct 18
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.06	1.96	2.83
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.26	2.18	3.02
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	57.16	58.44	78.87

**BAKER HUGHES RIG COUNTS**

	Sep 19	Aug 19	Sep 18
North Louisiana <sup>A</sup>	31	32	32
South Louisiana Inland Waters <sup>A</sup>	1	1	3
South Louisiana Inland <sup>A</sup>	2	4	7
Louisiana State Offshore	1	0	0
Louisiana Federal OCS Offshore	24	24	17
Total Louisiana <sup>A</sup> (OCS included)	60	61	59

**PRODUCTION (State Jurisdiction Only)**

	Sep 19	Aug 19	Sep 18
Louisiana Crude Oil & Condensate (MMB)	3.6 <sup>1</sup>	3.7 <sup>1</sup>	4.9
Louisiana Natural Gas & Casinghead (BCF)	272.4 <sup>1</sup>	267.8 <sup>1</sup>	231.6 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	Sep 19	Aug 19	Sep 18
Total Louisiana Oil and Gas	45	48	63
Louisiana Wildcats	0	1	0
Louisiana Offshore (Wildcats included)	0	3	1