

# 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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Department of Natural Resources

Thomas Harris, Secretary

Technology Assessment Division

Jason Lanclos, Director  
Edward O'Brien, Economist

617 North Third Street  
Baton Rouge, LA 70802

Tel. (225) 342-1270  
Fax. (225) 242-1397  
Email: [techasmt@la.gov](mailto:techasmt@la.gov)  
[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

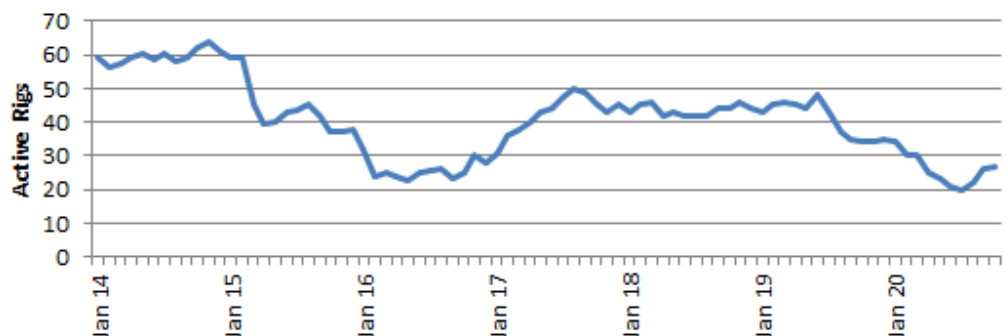
## Highlights NOVEMBER 2020

The Louisiana natural gas spot price has been \$1.89 per MMBTU in the first 10 months of 2020, 52 cents, or 21.6% lower than the first 10 months of 2019. The lower gas price was caused by excess supply in natural gas production and the lower demand due to COVID. Working gas in storage was 3,919BCF as of October 30, 2020, according to the EIA estimates. This represents a net decrease of 39 BCF from the previous week, and it was 200 BCF higher than last year at this time, and 201 BCF higher the five-year average of 3,718 BCF. The expected average natural gas prices for the rest of 2020 and into 2021 is expected around \$3.00 per MMBTU.

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

Month	(Monthly Average Active Rigs)						% Change	
	2015	2016	2017	2018	2019	2020	18/19	19/20
January	59	32	31	43	43	34		-20.93%
February	59	24	36	45	45	30		-33.33%
March	45	25	38	46	46	30		-34.78%
April	40	24	40	42	45	25		-44.44%
May	40	23	43	43	44	23		-47.73%
June	43	25	44	42	48	21		-56.25%
July	43	26	48	42	43	20		-53.49%
August	45	26	50	42	37	22		-40.54%
September	42	23	49	44	35	26		-25.71%
October	37	25	45	44	34	27		-20.59%
November	37	30	43	46	34		-26.09%	
December	38	28	45	44	35		-20.45%	
<b>Year Average</b>	<b>44</b>	<b>26</b>	<b>42</b>	<b>43</b>	<b>42</b>	<b>26</b> **		

\*\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

<b>PRODUCTION</b>	<b>MAY 20</b>	<b>APR 20</b>	<b>MAR 20</b>	<b>MAY 19</b>
<b>GOM CENTRAL FEDERAL OFFSHORE <sup>F</sup> (OCS)</b>				
Crude Oil & Condensate (MMB)	46	54	57	56
Natural Gas & Casinghead (BCF)	59	74	81	82
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	311	360	395	376
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,925	2,993	3,157	3,003
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	189	166	195	222
U.S. Natural Gas <sup>C</sup> (BCF)	186	193	217	208
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	79	93	106	184
U.S. Oil <sup>A</sup>	269	473	665	802
U.S. Offshore <sup>A</sup>	13	17	21	19
U.S. Total <sup>A</sup>	347	565	771	986
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	30.80	22.79	28.04	67.97
U.S. Imports Average <sup>C</sup> (F.O.B.)	19.28	13.91	24.09	60.70
U.S. Wellhead Average <sup>C</sup>	18.09	15.99	31.80	59.68
Gulf OCS Wellhead Average <sup>C</sup>	16.97	20.37	38.06	65.08
State Severance Wellhead Average <sup>E</sup>	31.06	33.51	31.15	61.39
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	3.37	3.05	3.23	3.65
U.S. Imports Average <sup>C</sup> (F.O.B.)	1.68	1.50	1.71	3.79
U.S. Spot Market Average <sup>D</sup>	1.64	1.47	1.59	2.14
State Royalty Wellhead Average	1.41	1.29	1.53	2.44
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	1.79	1.63	1.82	2.69

### Key

### Data Sources

<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

<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>
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	297,596,482
2019	545,698,327	259,072,691	804,771,018	312,958,367

## 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>
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
2019	3,882,109,657	0	3,882,109,657	4,956,615,872



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

P. O. Box 94396

Baton Rouge, LA 70804-9396

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**NOVEMBER 2020**

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	Oct 20	Sep 20	Oct 19
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.03	1.86	1.91
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.37	1.93	2.26
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	40.79	41.04	57.16

**BAKER HUGHES RIG COUNTS**

	Sep 20	Aug 20	Sep 19
North Louisiana <sup>A</sup>	25	32	31
South Louisiana Inland Waters <sup>A</sup>	1	1	1
South Louisiana Inland <sup>A</sup>	0	4	2
Louisiana State Offshore	0	0	1
Louisiana Federal OCS Offshore	12	24	24
Total Louisiana <sup>A</sup> (OCS included)	38	61	60

**PRODUCTION (State Jurisdiction Only)**

	Sep 20	Aug 20	Sep 19
Louisiana Crude Oil & Condensate (MMB)	3.1 <sup>1</sup>	3.1 <sup>1</sup>	3.7 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	256.7 <sup>1</sup>	252.4 <sup>1</sup>	272.4 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	Sep 20	Aug 20	Sep 19
Total Louisiana Oil and Gas	40	45	45
Louisiana Wildcats	1	0	0
Louisiana Offshore (Wildcats included)	0	0	0