

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Louisiana Revolving Loan Fund Program



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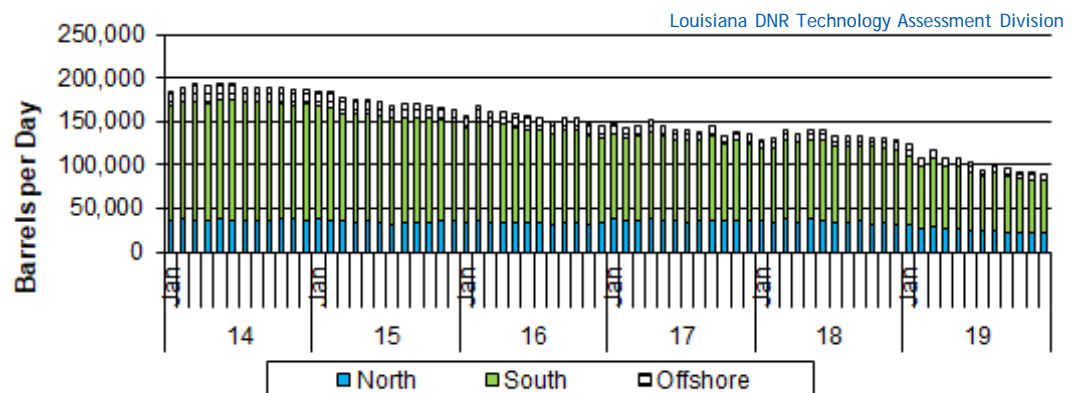
Highlights

JANUARY 2020

2019 was a year which saw a relatively steady market for oil and gas prices. The start of the year saw oil prices open in the high \$40s range, increasing throughout the spring, reaching a high of \$66.30 on April 23, and stayed between \$55 and \$60 for the most part throughout the summer and fall, with natural fluctuations occurring on a regular basis, closing at \$61.06 on December 31. Natural gas experienced its highs at the beginning of the year, with its annual high of \$3.59 coming on January 14, but declined throughout the year after that, closing on December 31 at \$2.19. The annual low happened on August 7, with a \$2.07 price, with most of the year experiencing prices in the \$2.40-\$2.60 range, with the downward pressure at the end of the year coming from natural gas production.

Louisiana Crude Oil & Condensate Production, Excluding Federal OCS

Month	(Barrels/Day)						% Change 18/19
	2014	2015	2016	2017	2018	2019	
January	184,399	184,649	156,561	147,607	128,207 ²	122,696	-4.30%
February	188,542	183,853	166,756	141,731	132,035 ²	108,202	-18.05%
March	193,664	177,652	160,912	145,441	140,048 ²	117,394	-16.18%
April	190,259	175,262	161,545	150,736	135,433 ²	116,557	-13.94%
May	192,486	175,280	158,990	144,536	140,145 ²	128,812	-8.09%
June	193,778	172,234	155,826	141,030	139,485 ²	116,319	-16.61%
July	187,997	169,042	154,328	140,019	139,635 ²	94,389	-32.40%
August	189,138	169,137	148,939	138,958	138,672 ²	101,175	-27.04%
September	189,164	170,981	154,565	144,067	142,405 ²	96,538 ¹	-32.21%
October	188,548	168,451	153,819	132,572	130,076 ²	91,431 ¹	-29.71%
November	185,259	166,277	146,454	138,872	131,726 ²	90,851 ¹	-31.03%
December	187,379	163,081	144,247	135,732	130,871 ²	89,855 ¹	-31.34%
Year Average	189,218	172,992	155,245	141,775	148,155	106,185¹	-28.33%



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JUL 19	JUN 19	MAY 19	JUL 18
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	45	55	56	55 ²
Natural Gas & Casinghead ^F (BCF)	63	77	82	83 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	367	362	376	337 ²
Natural Gas & Casinghead ^C (BCF)	3,384	3,298	3,392 ²	3,096 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	296	277	303	315 ²
U.S. Natural Gas ^C (BCF)	230	201	208	247 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	172	179	184	187
U.S. Oil ^A	783	788	802	863
U.S. Offshore ^A	25	24	21	18
U.S. Total ^A	955	967	986	1,050
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	63.82	63.47	67.97	67.64 ²
U.S. Imports Average ^C (F.O.B.)	54.51	54.50	60.70	62.35
U.S. Wellhead Average ^C	56.47	54.22	59.68	67.00
Gulf OCS Wellhead Average ^C	60.27	62.54	65.08	71.30
State Severance Wellhead Average ^E	61.27	58.62	61.39	71.05
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.16	4.05	3.65	4.50 ²
U.S. Imports Average ^C (F.O.B.)	1.86	1.54	1.81	2.16 ²
U.S. Spot Market Average ^D	1.85	1.97	2.14	2.78 ²
State Royalty Wellhead Average	2.77	2.81	2.65	2.77
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.29	2.63	2.57	3.00

Key

Data Sources

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

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 Crude Oil and Condensate Production

Excluding Federal OCS

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>(Barrels)</u>			
	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
2000	15,307,562	80,304,828	11,549,975	107,162,365
2001	14,274,475	79,328,486	11,264,058	104,867,019
2002	12,726,261	71,523,765	9,440,089	93,690,115
2003	12,049,211	67,975,624	10,349,488	90,374,323
2004	11,696,648	63,270,406	8,725,050	83,692,104
2005	11,909,370	56,993,657	6,782,960	75,685,987
2006	12,100,880	55,151,918	6,717,319	73,970,117
2007	12,427,647	57,353,465	7,595,386	77,376,498
2008	13,117,969	53,211,365	6,281,915	72,611,249
2009	12,209,641	50,625,343	5,990,173	68,825,157
2010	11,184,886	49,510,929	6,582,203	67,278,018
2011	12,284,423	50,164,149	6,516,262	68,964,834
2012	12,759,351	51,694,629	6,596,294	71,050,274
2013	13,681,369	51,777,663	6,771,072	72,230,104
2014	13,470,853	49,255,648	6,338,434	69,064,935
2015	12,788,166	44,495,686	5,832,736	63,116,588
2016	12,240,763	39,063,169	5,328,614	56,632,546
2017	13,510,337	34,257,229	4,166,524	50,937,764
2018	12,702,709 ²	32,189,668 ²	4,004,101 ²	48,896,478 ²
2019	11,298,646 ¹	30,406,917 ¹	4,119,064 ¹	45,824,627 ¹

Louisiana Natural Gas and Casinghead Gas Production

Excluding Federal OCS

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>(MCF)</u>			
	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
2000	381,407,678	978,585,376	107,546,713	1,467,539,767
2001	390,842,072	993,269,323	111,210,322	1,495,321,717
2002	387,069,536	876,556,069	98,236,172	1,361,861,777
2003	416,488,328	844,709,436	83,413,309	1,344,611,073
2004	475,425,191	806,165,872	68,134,157	1,349,725,220
2005	537,869,897	693,599,008	53,486,449	1,284,955,354
2006	571,855,790	710,839,849	67,273,125	1,349,968,764
2007	611,464,342	672,366,479	71,481,521	1,355,312,342
2008	684,054,142	591,428,816	83,936,258	1,359,419,216
2009	911,133,017	489,836,508	74,862,729	1,475,832,254
2010	1,610,269,087	408,220,740	68,472,242	2,086,962,069
2011	2,456,376,928	392,295,264	69,888,267	2,918,560,459
2012	2,512,134,036	375,838,655	76,839,040	2,964,811,731
2013	1,865,490,017	393,805,103	63,359,956	2,322,655,076
2014	1,615,936,235	363,032,183	47,938,598	2,026,907,016
2015	1,513,126,983	335,074,389	36,896,138	1,885,097,510
2016	1,481,158,520	264,921,884	56,915,604	1,802,996,008
2017	1,868,957,678	237,832,078	21,766,485	2,128,556,241
2018	2,487,591,590 ²	216,943,594 ²	16,662,202 ²	2,721,197,386 ²
2019	2,664,283,670 ¹	191,581,319 ¹	15,452,690 ¹	2,871,317,682 ¹



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

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JANUARY 2019

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Dec 19	Nov 19	Dec 18
Louisiana Natural Gas ^D (\$/MMBTU)	2.05	2.55	3.99
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.20	2.61	3.97
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	63.53	61.68	56.04

BAKER HUGHES RIG COUNTS

	Nov 19	Oct 19	Nov 18
North Louisiana ^A	32	31	34
South Louisiana Inland Waters ^A	1	2	4
South Louisiana Inland ^A	2	2	7
Louisiana State Offshore	0	2	1
Louisiana Federal OCS Offshore	22	22	20
Total Louisiana ^A (OCS included)	56	58	65

PRODUCTION (State Jurisdiction Only)

	Nov 19	Oct 19	Nov 18
Louisiana Crude Oil & Condensate (MMB)	3.9	3.8	3.9
Louisiana Natural Gas & Casinghead (BCF)	248.2	242.8	230.5

DRILLING PERMITS (State Jurisdiction Only)

	Nov 19	Oct 19	Nov 18
Total Louisiana Oil and Gas	52	104	42
Louisiana Wildcats	0	0	0
Louisiana Offshore (Wildcats included)	0	1	0