

Louisiana Energy Facts

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Department of Natural
Resources
Thomas Harris, Secretary

Technology Assessment
Division
Jason Lanolos, 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
www.dnr.louisiana.gov/tad

Highlights

2021 saw more stability in the oil markets as compared to the Covid-based decline in demand, production, and price of 2020. January opened with oil prices in the high \$40s and slowly increased throughout the year, peaking at \$86/bbl in October, and ending the year on December 31 at \$75.21. Impacts during

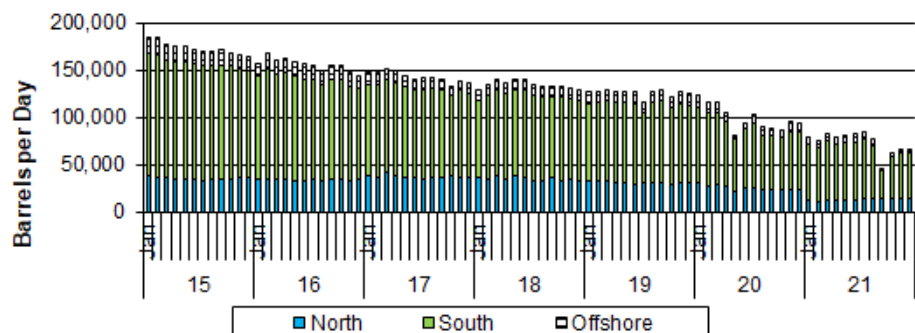
on oil prices during the year included Hurricane Ida, which idled a great percentage of Gulf of Mexico and South Louisiana production, the increased demand due to the pandemic rebound coupled with a lack of supply due to capital expenditure cuts which were implemented at the beginning stages of the

January 2022

pandemic. Natural gas opened the year on January 4 at \$2.57/mmbtu at Henry Hub and averaged \$2.64/mmbtu for January. February saw the prices increase due to winter storm Uri, with the Henry Hub reaching \$23.61/mmbtu at its daily average peak on February 16. Prices went under \$3/mmbtu for March and April, peaked in October at \$5.48/mmbtu, and closing the year on December 30 at \$3.72/mmbtu.

Louisiana Crude Oil & Condensate Production, Excluding Federal OCS Barrels/Day

Month	2016	2017	2018	2019	2020	2021	% Change 20/21
January	156,561	147,607	128,207	126,835	123,149	79,291	-35.61%
February	166,756	141,731	132,035	127,717	116,678	75,659	-35.16%
March	160,912	145,441	140,048	128,781	116,195	83,074	-28.50%
April	161,545	150,736	135,433	126,915	104,131	78,880	-24.25%
May	158,990	144,536	140,145	126,113	80,340	81,473	1.41%
June	155,826	141,030	139,485	126,174	93,768	81,914	-12.64%
July	154,328	140,019	139,635	115,703	103,650	85,255	-17.75%
August	148,939	138,958	138,672	127,284	89,141	77,093	-13.52%
September	154,565	144,067	142,405	128,717	88,623	46,237 ¹	-47.83%
October	153,819	132,572	130,076	120,925	86,604	62,155 ¹	-28.23%
November	146,454	138,872	131,726	126,923	94,786	65,477 ¹	-30.92%
December	144,247	135,732	130,871	124,537	93,538	65,403 ¹	-30.08%
Year Average	172,992	155,245	141,775	148,155	106,185	73,493¹	-30.79%



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	JUL 21	JUN 21	MAY 21	JUL 20
PRODUCTION				
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	53	50	53	47
Natural Gas & Casinghead (BCF)	67	64	69	63
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	350	338	351	340
Natural Gas & Casinghead ^C (BCF)	3,141	3,028	3,119	3,023
IMPORTS				
U.S. Crude Oil ^C (MMB)	198	198	181	183
U.S. Natural Gas ^C (BCF)	228	208	205	213
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	102	97	100	72
U.S. Oil ^A	381	367	353	183
U.S. Offshore ^A	15	13	14	12
U.S. Total ^A	483	464	453	255
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	73.28	71.60	63.76	41.48
U.S. Imports Average ^C (F.O.B.)	65.52	64.97	57.48	35.35
U.S. Wellhead Average ^C	70.12	68.57	62.80	37.55
Gulf OCS Wellhead Average ^C	70.71	68.53	53.27	37.96
State Severance Wellhead Average ^E	62.91	57.30	66.14	36.25
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	5.61	4.87	4.34	3.87
U.S. Imports Average ^C (F.O.B.)	3.47	2.83	2.76	1.72
U.S. Spot Market Average ^D	3.52	3.03	3.01	1.71
State Royalty Wellhead Average	3.55	3.02	2.71	1.28
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.96	2.98	2.93	1.50

Key

1	Estimated	MCF	Thousand Cubic Feet
2	Revised	MMB	Million Barrels
BCF	Billion Cubic Feet	N/A	Not Available
BTU	British Thermal Unit	OCS	Outer Continental Shelf
F.O.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.

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Louisiana Energy Facts

Louisiana Crude Oil and Condensate Production Excluding Federal OCS

<u>YEAR</u>	<u>(Barrels)</u>			
	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
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	51,934,090
2018	12,702,709	32,189,668	4,004,101	48,896,478
2019	11,271,743	30,299,005	4,242,721	45,813,469
2020	9,378,281	23,899,730	3,260,958	36,538,969
2021	9,109,880 ¹	21,693,327 ¹	2,807,855 ¹	33,611,062 ¹

Louisiana Natural Gas and Casinghead Gas Production Excluding Federal OCS

<u>YEAR</u>	<u>(MCF)</u>			
	<u>NORTH</u>	<u>SOUTH</u>	<u>OFFSHORE</u>	<u>TOTAL</u>
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	216,943,594	16,662,202	2,721,197,386
2019	2,941,139,498	191,885,362	15,273,643	3,148,298,503
2020	2,910,788,056	144,582,831	11,888,625	3,067,259,512
2021	3,062,117,563 ¹	121,581,648 ¹	8,757,754 ¹	3,192,456,965

Quick Facts

JANUARY 2022

Louisiana DNR Technology Assessment Division

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.
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SPOT MARKET PRICES

	Dec 21	Nov 21	Dec 20
Louisiana Natural Gas ^D (\$/MMBTU)	3.66	4.95	2.52
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.72	5.02	2.55
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	73.54	79.42	48.49

BAKER HUGHES RIG COUNTS

	Nov 21	Oct 21	Nov 20
North Louisiana ^A	34	34	26
South Louisiana Inland Waters ^A	1	1	1
South Louisiana Inland ^A	1	1	0
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	13	11	12
Total Louisiana ^A (OCS included)	49	47	39

PRODUCTION (State Jurisdiction Only)

	Nov 21	Oct 21	Nov 20
Louisiana Crude Oil & Condensate (MMB)	2.7	2.3	2.9
Louisiana Natural Gas & Casinghead (BCF)	282.6	277.4	260.6

DRILLING PERMITS (State Jurisdiction Only)

	Nov 21	Oct 21	Nov 20
Total Louisiana Oil and Gas	37	51	35
Louisiana Wildcats	0	0	0
Louisiana Offshore (Wildcats included)	0	0	0

