

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

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Questionnaire**



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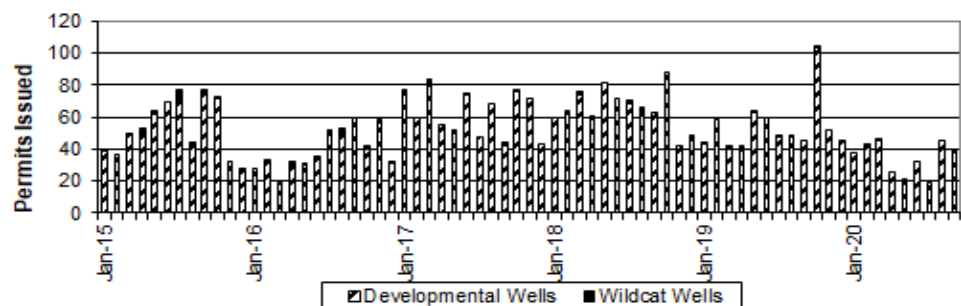
Highlights DECEMBER 2020

The average number of active drilling rigs in the U.S. is decreasing year-over-year, according to Baker Hughes Inc. data. In November 2020, the average active drilling rig count in the U.S. was 236, a 71% decrease from November 2019; while in Louisiana State lands and water, the average active drilling rigs count was 27, a 21% decrease from November 2019. The decrease occurred due to lower demand, and hence lower oil prices, due to the pandemic. The November average spot price for Louisiana Light Sweet crude oil was \$42.43 per barrel, a 31% decrease from November 2019, when it was \$61.68. The November average gas spot price was \$2.59 per MMBTU in Louisiana, 1.5% higher than in November 2019, when it was \$2.55 per MMBTU.

Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2015	2016	2017	2018	2019	2020	18/19	19/20
January	40	28	77	59	44	38		-13.64%
February	37	33	59	64	58	43		-25.86%
March	50	19	84	76	42	45		7.14%
April	53	32	55	60	42	26		-38.10%
May	64	31	52	81	64	21		-67.19%
June	69	35	75	72	60	32		-46.67%
July	77	52	47	70	48	19		-60.42%
August	44	53	68	66	48	45	18.18%	-6.25%
September	77	60	44	63	45	40		-11.11%
October	72	42	77	88	104		18.18%	
November	32	58	72	42	52		23.81%	
December	28	32	43	49	45		-8.16%	
Year Average	54	40	63	70	56	34*		

* Partial Year



Louisiana DNR Technology Assessment Division

Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION

GOM CENTRAL FEDERAL OFFSHORE (OCS)

	JUN 20	MAY 20	APR 20	JUN 19
Crude Oil & Condensate ^F (MMB)	44	46	55	55
Natural Gas & Casinghead ^F (BCF)	60	60	75	78

THE UNITED STATES TOTAL

Crude Oil & Condensate ^C (MMB)	313	310	360	362
Natural Gas & Casinghead ^C (BCF)	2,876	2,934	3,002	2,943

IMPORTS

U.S. Crude Oil ^C (MMB)	192	189	166	214
U.S. Natural Gas ^C (BCF)	190	189	193	201

BAKER HUGHES RIG COUNTS

U.S. Gas ^A	76	79	93	179
U.S. Oil ^A	217	269	473	788
U.S. Offshore ^A	12	13	18	22
U.S. Total ^A	293	348	566	970

PRICES

CRUDE OIL (\$/barrel)

OPEC Average ^C (F.O.B.)	41.40	30.80	22.79	70.65
U.S. Imports Average ^C (F.O.B.)	32.41	19.28	13.91	54.50
U.S. Wellhead Average ^C	33.53	18.09	15.99	54.22
Gulf OCS Wellhead Average ^C	31.76	16.97	20.37	62.54
State Severance Wellhead Average ^E	37.94	31.06	33.51	69.31

NATURAL GAS (\$/MCF)

U.S. City Gates Average ^C	3.85	3.37	3.05	4.05
U.S. Imports Average ^C (F.O.B.)	1.57	1.68	1.50	1.54
U.S. Spot Market Average ^D	1.58	1.64	1.47	1.97
State Royalty Wellhead Average	1.33	1.41	1.29	2.26
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	1.72	1.79	1.63	2.63

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.

To request notification of when the **Louisiana Energy Facts** is available online, contact us at techasmt@la.gov with your name, title, company name, email address, and phone number. Please specify that you would like to be added to our email notification database for an electronic subscription.

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2020 LOUISIANA ENERGY TOPICS

Louisiana Revolving Loan Fund Program
 Local Non-Profit Celebrates 20 Years of Reducing Louisiana's Transportation Emissions
 2020 State Oil and Gas: Production and Price Projections
 Selected Louisiana Energy Statistics
 Highlights of the 24rd Edition of the Louisiana Crude Oil Refinery Survey Report
 Louisiana State Gas Production
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LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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[2021 Service
Questionnaire](#)

Quick Facts

DECEMBER 2020

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Nov 20	Oct 20	Nov 19
Louisiana Natural Gas ^D (\$/MMBTU)	2.48	2.03	2.55
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.59	2.37	2.61
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	42.43	40.79	61.68

BAKER HUGHES RIG COUNTS

	Oct 20	Sep 20	Oct 19
North Louisiana ^A	25	25	31
South Louisiana Inland Waters ^A	1	1	2
South Louisiana Inland ^A	1	0	2
Louisiana State Offshore	0	0	2
Louisiana Federal OCS Offshore	12	12	22
Total Louisiana ^A (OCS included)	39	38	55

PRODUCTION (State Jurisdiction Only)

	Oct 20	Sep 20	Oct 19
Louisiana Crude Oil & Condensate (MMB)	3.2 ¹	3.1 ¹	3.7 ²
Louisiana Natural Gas & Casinghead (BCF)	254.1 ¹	249.8 ¹	274.4 ²

DRILLING PERMITS (State Jurisdiction Only)

	Oct 20	Sep 20	Oct 19
Total Louisiana Oil and Gas	62	40	104
Louisiana Wildcats	0	1	0
Louisiana Offshore (Wildcats included)	1	0	1