

Louisiana Energy Facts

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Highlights

US drilling activities are experiencing a lower rig count levels compared to past years, but elevated from the bottom in August. Baker Hughes Inc. (BHI) rigs report shows the average US drilling rig count for February 2020 was 397 rigs, down 393 rigs over last year at this time or a 49.7% decrease from last year.

Rigs targeting crude oil were down 374 rigs and rigs targeting gas were down 19 rigs. The drilling in Louisiana state jurisdiction areas showed an increase. BHI reported a February 2021 average rig count of 33 rigs, up 3 rigs over last year at this time or a 9.1% increase. Rigs targeting gas stayed steady year-over-year

while the ones targeting oil fell by 4. Most of the Federal OCS drilling is in the Central Gulf of Mexico, which is next to the Louisiana Coastal boundary. BHI reported a February 2021 average rig count of 17 rigs for the Gulf of Mexico, down three over last year, all of them targeting oil.

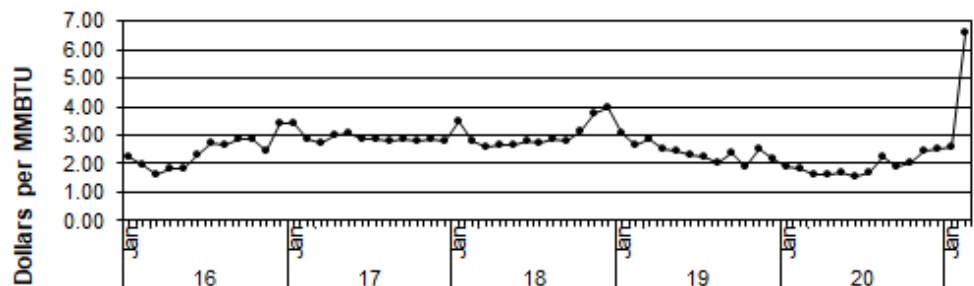
March 2021

Louisiana Natural Gas Average Spot Prices

Dollars per MMBTU

Month	Dollars per MMBTU						% Change	
	2016	2017	2018	2019	2020	2021	19/20	20/21
January	2.26	3.38	2.74	3.64	1.92	2.60	-47.36%	35.53%
February	1.93	2.84	3.63	2.95	1.80	6.63	-38.93%	267.94%
March	1.64	2.69	2.64	2.86	1.61		-43.63%	
April	1.81	3.01	2.69	2.71	1.64		-39.36%	
May	1.83	3.15	2.82	2.57	1.70		-33.96%	
June	2.29	2.87	2.88	2.63	1.55		-41.02%	
July	2.74	2.87	3.00	2.29	1.68		-26.69%	
August	2.68	2.82	2.82	2.14	2.22		3.56%	
September	2.86	2.86	2.90	2.25	1.86		-17.33%	
October	2.84	2.81	3.02	2.43	2.03		-16.42%	
November	2.42	2.83	3.19	2.60	2.48		-4.73%	
December	3.39	2.79	4.72	2.47	2.52		1.91%	
Year Average	2.39	2.91	3.09	2.63	1.92	4.61 **		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	SEP 20	AUG 20	JUL 20	SEP 19
PRODUCTION				
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	44	34	49	55
Natural Gas & Casinghead (BCF)	48	41	66	79
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	326	328	340	375
Natural Gas & Casinghead ^C (BCF)	2,914	3,037	3,023	3,395
IMPORTS				
U.S. Crude Oil ^C (MMB)	162	168	183	194
U.S. Natural Gas ^C (BCF)	174	211	210	208
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	73	70	72	152
U.S. Oil ^A	184	180	183	726
U.S. Offshore ^A	15	13	12	26
U.S. Total ^A	257	250	255	878
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	41.19	44.02	41.48	59.46
U.S. Imports Average ^C (F.O.B.)	35.99	35.99	35.35	52.47
U.S. Wellhead Average ^C	26.89	39.42	37.55	63.55
Gulf OCS Wellhead Average ^C	39.08	41.02	37.96	55.07
State Severance Wellhead Average ^E	38.36	36.25	36.25	62.17
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.10	3.95	3.87	4.13
U.S. Imports Average ^C (F.O.B.)	2.02	1.90	1.72	1.65
U.S. Spot Market Average ^D	1.85	2.06	1.71	2.15
State Royalty Wellhead Average	1.83	1.89	1.28	2.25
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.68	1.93	1.55	2.34

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.

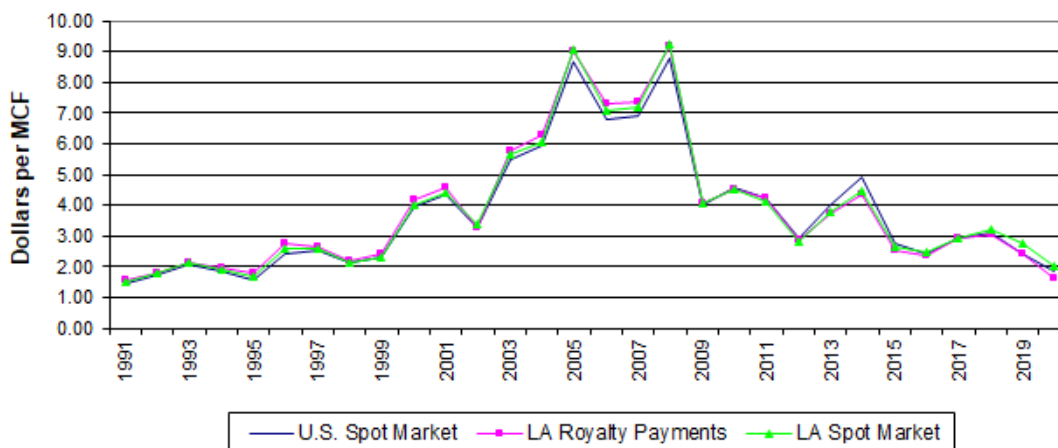
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Louisiana Energy Facts

NATURAL GAS AVERAGE PRICES (Dollars per MCF)

	UNITED STATES			LOUISIANA	
	Spot Market ^D	Foreign Imports ^C	City Gate ^C	Royalty Payments	Spot Market ^D
1998	2.11	1.97	3.07	2.22	2.14
1999	2.28	2.24	3.10	2.42	2.31
2000	3.94	3.95	4.62	4.16	3.98
2001	4.34	4.43	5.72	4.55	4.38
2002	3.26	3.15	4.12	3.29	3.37
2003	5.48	5.17	5.85	5.74	5.66
2004	5.94	5.81	6.65	6.29	6.08
2005	8.67	8.12	8.67	9.03	9.05
2006	6.81	6.88	8.61	7.30	7.08
2007	6.89	6.87	8.16	7.34	7.17
2008	8.80	8.70	9.18	9.16	9.21
2009	4.00	4.19	6.48	4.05	4.07
2010	4.58	4.52	6.18	4.54	4.55
2011	4.26	4.24	5.63	4.24	4.11
2012	2.93	2.88	4.73	2.88	2.82
2013	3.98	3.83	4.88	3.71	3.80
2014	4.89	5.30	5.71	4.35	4.44
2015	2.76	2.99	4.26	2.55	2.67
2016	2.39	2.24	3.86	2.37	2.49
2017	2.93	2.69	4.29	2.91	2.94
2018	3.11	2.81	4.30	3.06	3.21
2019	2.44	2.50	3.92	2.42	2.73
2020	1.87	2.14	3.42	1.65	1.99



Quick Facts

March 2021

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SPOT MARKET PRICES

Louisiana Natural Gas^D (\$/MMBTU)
NYMEX Henry Hub Last Settle Gas Price^B (\$/MMBTU)
Louisiana Sweet Crude - St. James^B (\$/Barrel)

Feb 21	Jan 21	Feb 20
6.63	2.60	1.83
5.47	2.64	1.88
61.17	54.20	53.96

BAKER HUGHES RIG COUNTS

North Louisiana^A
South Louisiana Inland Waters^A
South Louisiana Inland^A
Louisiana State Offshore
Louisiana Federal OCS Offshore
Total Louisiana^A (OCS included)

Jan 21	Dec 20	Jan 20
29	27	31
2	1	1
0	0	3
0	0	0
15	13	20
46	41	55

PRODUCTION (State Jurisdiction Only)

Louisiana Crude Oil & Condensate (MMB)
Louisiana Natural Gas & Casinghead (BCF)

Jan 21	Dec 20	Jan 20
2.9 ¹	2.9 ¹	3.8
281.2 ¹	280.0 ¹	268.2 ²

DRILLING PERMITS (State Jurisdiction Only)

Total Louisiana Oil and Gas
Louisiana Wildcats
Louisiana Offshore (Wildcats included)

Jan 21	Dec 20	Jan 20
40	36	38
0	2	0
0	0	0

