

Louisiana Energy Facts

INSIDE THIS ISSUE:

Highlights
page 1

Louisiana Natural Gas
& Casinghead
Production
page 1

Current Oil & Gas Data
page 2

Louisiana and the United
States Rig Count, Plus the
North Sea
page 3

Quick Facts
page 4



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Highlights

The January 2021 average Louisiana spot market gas price was \$2.64 per MMBTU, which was 43% higher than the January 2020 average of \$1.85 per MMBTU. The increase can be attributed to the greater demand in the United States. Overall, U.S. natural gas storage is 2.8% above what it was

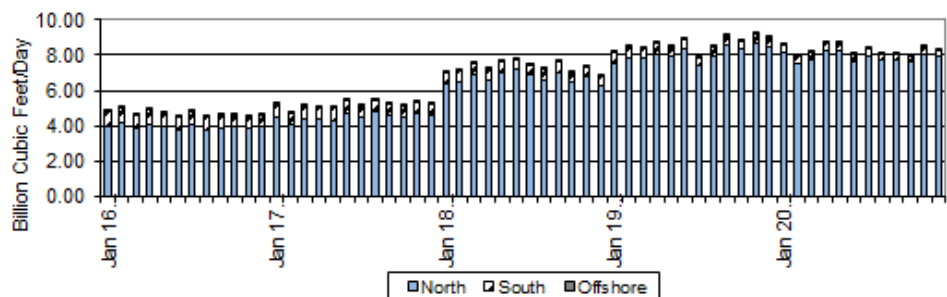
a year-ago, and 9.3% over the five-year average (according to the January 28, 2021 EIA Working Gas in Underground Storage). Prices fluctuated greatly during 2020, ranging from a low of \$1.41/mmbtu in April to 2.40/mmbtu in December. One thing to keep an eye on in 2021 is the

February 2021

rebound of energy production from the lows during the pandemic, and how much coal generation is being retired and what form of generation those megawatts are converted from.

Louisiana Natural Gas & Casinghead Production*, Excluding Federal OCS (Billion Cubic Feet/Day)

Month	2015	2016	2017	2018	2019	2020	% Change 19/20
January	4.86	4.84	5.23	7.00	8.19	8.65	5.58%
February	4.99	5.05	4.98	7.11	8.48	8.03	-5.23%
March	4.99	4.72	5.63	7.56	8.46	8.24	-2.61%
April	5.02	4.94	5.13	7.23	8.70	8.72	0.17%
May	4.97	4.72	5.17	7.63	8.51	8.66	1.77%
June	4.80	4.57	5.50	7.81	8.98	8.06	-10.26%
July	4.82	4.86	5.29	7.49	7.92	8.36	5.45%
August	4.81	4.51	5.83	7.26	8.50	8.03	-5.55%
September	4.91	4.68	6.15	7.63	9.15	8.06	-11.89%
October	4.81	4.66	6.68	7.06	8.85	7.99 ¹	-9.71%
November	4.79	4.56	6.66	7.40	9.27	8.48 ¹	-8.58%
December	4.84	4.68	6.59	6.85	9.03	8.31 ¹	-7.94%
Year Average	4.88	4.73	5.74	7.34	8.67	8.30¹	-4.29%



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	AUG 20	JUL 20	JUN 20	AUG 19
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	34	49	46	59
Natural Gas & Casinghead (BCF)	41	66	62	86
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	328	340	313	383
Natural Gas & Casinghead ^C (BCF)	3,037	3,023	2,876	3,445
IMPORTS				
U.S. Crude Oil ^C (MMB)	168	183	192	215
U.S. Natural Gas ^C (BCF)	214	213	190	220
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	70	72	76	166
U.S. Oil ^A	180	183	217	760
U.S. Offshore ^A	13	12	12	24
U.S. Total ^A	250	255	293	926
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	44.02	41.48	41.10	59.51
U.S. Imports Average ^C (F.O.B.)	35.99	35.35	32.41	51.98
U.S. Wellhead Average ^C	34.42	37.55	33.53	53.63
Gulf OCS Wellhead Average ^C	41.02	37.96	31.76	58.92
State Severance Wellhead Average ^E	36.25	36.25	37.94	62.73
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.95	3.87	3.85	3.20
U.S. Imports Average ^C (F.O.B.)	1.90	1.72	1.57	1.73
U.S. Spot Market Average ^D	2.06	1.71	1.58	1.94
State Royalty Wellhead Average	1.89	1.28	1.33	1.97
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	1.85	1.50	1.72	2.23

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.

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Louisiana Energy Facts

LOUISIANA AND THE UNITED STATES ACTIVE RIG COUNTS

Plus North Sea for Comparison

By Baker Hughes and DNR

DATE	LA NORTH	LA SOUTH INLAND		LA Offsh State	Total State	LA Fed. OCS	TOTAL: State + Fed. OCS			North Sea
		Water	Land				LA	TX	US	
2016 Avg	18	3	5	0	26	21	47	236	510	28
2017 Avg	37	3	3	0	43	19	61	430	875	26
January	39	1	3	0	43	17	60	456	937	20
February	37	2	6	0	45	16	61	476	969	21
March	35	4	7	0	46	12	58	492	989	25
April	34	4	4	0	42	16	58	505	1,011	25
May	37	3	3	0	43	18	61	524	1,046	20
June	37	3	2	0	42	17	59	534	1,056	21
July	33	5	4	0	42	16	58	525	1,050	24
August	34	2	6	0	42	15	57	525	1,050	23
September	32	5	7	0	44	19	63	528	1,053	20
October	34	3	7	0	44	17	61	533	1,063	26
November	34	4	7	0	42	20	62	533	1,077	22
December	33	3	8	0	44	22	66	531	1,077	30
2018 Avg	35	3	5	0	43	17	60	514	1,032	23
January	35	2	6	0	43	20	63	526	1,065	24
February	38	2	5	0	45	19	64	511	1,048	28
March	41	2	3	0	46	19	65	499	1,023	29
April	38	3	3	1	45	19	64	498	1,013	33
May	35	4	4	1	44	19	63	482	986	32
June	36	4	7	1	48	22	70	467	970	37
July	33	2	7	1	43	23	66	457	955	39
August	32	1	4	0	37	24	61	449	926	40
September	31	1	2	1	35	24	59	427	878	34
October	31	2	2	2	34	22	56	419	848	34
November	32	1	2	0	34	22	56	410	810	35
December	33	1	2	0	35	22	57	406	804	31
2019 Avg	35	2	4	1	41	21	62	463	944	33
January	30	1	3	0	34	20	54	398	791	29
February	28	0	2	0	30	22	52	397	790	25
March	27	1	1	1	30	18	48	394	771	21
April	24	0	1	0	25	17	42	283	565	18
May	22	0	1	0	23	13	36	158	348	21
June	21	0	0	0	21	12	33	113	274	20
July	20	0	0	0	20	10	30	106	255	18
August	21	1	0	0	22	10	32	105	250	19
September	25	1	0	0	26	12	38	108	257	26
October	25	1	0	0	26	12	38	122	280	23
November	26	1	0	0	27	11	38	144	311	26
December	27	1	0	0	28	13	41	155	339	22
2020 Avg	25	1	1	0	26	14	40	207	436	22

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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)

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)

PRODUCTION (State Jurisdiction Only)

Louisiana Crude Oil & Condensate (MMB)

Louisiana Natural Gas & Casinghead (BCF)

DRILLING PERMITS (State Jurisdiction Only)

Total Louisiana Oil and Gas

Louisiana Wildcats

Louisiana Offshore (Wildcats included)

	Jan 21	Dec 20	Jan 20
Louisiana Natural Gas ^D (\$/MMBTU)	2.60	2.52	1.85
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.64	2.55	2.16
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	54.20	48.49	61.38
	Dec 20	Nov 20	Dec 19
North Louisiana ^A	27	26	33
South Louisiana Inland Waters ^A	1	1	1
South Louisiana Inland ^A	0	0	2
Louisiana State Offshore	0	0	1
Louisiana Federal OCS Offshore	13	12	22
Total Louisiana ^A (OCS included)	41	39	57
	Dec 20	Nov 20	Dec 19
Louisiana Crude Oil & Condensate (MMB)	2.9 ¹	2.8 ¹	3.9
Louisiana Natural Gas & Casinghead (BCF)	280.0 ¹	245.5 ¹	276.0
	Dec 20	Nov 20	Dec 19
Total Louisiana Oil and Gas	36	35	45
Louisiana Wildcats	2	0	0
Louisiana Offshore (Wildcats included)	0	0	0

