

Louisiana Energy Facts

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Highlights

The January 2023 average Louisiana spot market gas price was \$3.27 per MMBTU, which was 23.8% lower than the January 2022 average of \$4.29 per MMBTU. The decrease in prices can be attributed to the greater supply in the United States and a warmer overall January compared to 2022.

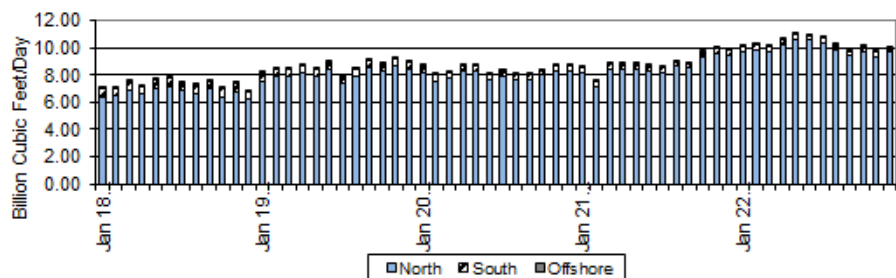
Overall, U.S. natural gas storage is 10.9% above what it was a year-ago, and 5.2% over the five-year average (according to the February 9, 2023 EIA Natural Gas Weekly Update). Prices fluctuated greatly during 2022, ranging from a high of \$8.79/mmbtu in August to \$4.34 /mmbtu in January

February 2023

One thing to keep an eye on in 2023 is the global supply of natural gas, as well as the conflict in Eastern Europe.

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

Month	2017	2018	2019	2020	2021	2022	% Change 21/22
January	5.23	7.00	8.19	8.65	8.60	10.12	17.73%
February	4.98	7.11	8.48	8.03	7.52	10.17	35.20%
March	5.63	7.56	8.46	8.24	8.85	10.13	14.44%
April	5.13	7.23	8.70	8.72	8.80	10.59	20.39%
May	5.17	7.63	8.51	8.66	8.77	10.96	25.01%
June	5.50	7.81	8.98	8.06	8.71	10.93	25.47%
July	5.29	7.49	7.92	8.36	8.57	10.70	24.80%
August	5.83	7.26	8.50	8.03	8.98	10.23	13.88%
September	6.15	7.63	9.15	8.06	8.81	9.74	10.56%
October	6.68	7.06	8.85	8.33	9.72	10.12 ¹	4.13%
November	6.66	7.40	9.27	8.69	10.01	9.67 ¹	-3.41%
December	6.59	6.85	9.03	8.72	9.81	10.03 ¹	2.28%
Year Average	5.74	7.34	8.67	8.38	8.74	10.28¹	17.68%



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	AUG 22	JUL 22	JUN 22	AUG 21
PRODUCTION				
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	52	50	49	45
Natural Gas & Casinghead (BCF)	64	62	61	57
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	372	367	354	347
Natural Gas & Casinghead ^C (BCF)	3,349	3,330	3,211	3,172
IMPORTS				
U.S. Crude Oil ^C (MMB)	196	204	194	193
U.S. Natural Gas ^C (BCF)	235	257	230	221
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	160	154	153	100
U.S. Oil ^A	604	604	585	401
U.S. Offshore ^A	18	16	16	15
U.S. Total ^A	764	758	738	501
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	102.01	103.06	116.85	71.50
U.S. Imports Average ^C (F.O.B.)	83.30	92.17	107.17	63.00
U.S. Wellhead Average ^C	93.76	100.84	113.77	65.67
Gulf OCS Wellhead Average ^C	94.46	101.28	111.67	67.01
State Severance Wellhead Average ^E	100.94	114.31	102.77	72.04
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	10.49	8.97	10.13	5.67
U.S. Imports Average ^C (F.O.B.)	6.62	6.00	6.97	3.52
U.S. Spot Market Average ^D	9.57	8.92	8.38	3.65
State Royalty Wellhead Average	8.62	6.96	8.26	3.80
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	8.69	6.55	8.98	4.20

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 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	
2017 Avg	37	3	3	0	43	19	61	430	875	26
2018 Avg	35	3	5	0	43	17	60	514	1,032	23
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
January	29	2	0	0	31	15	46	170	369	22
February	32	1	0	0	33	15	47	193	397	27
March	34	0	0	0	34	11	45	203	408	23
April	34	1	2	0	37	11	48	211	436	27
May	37	1	1	0	39	14	53	216	453	26
June	37	1	1	0	39	13	52	219	464	29
July	35	1	1	0	37	15	52	225	483	23
August	33	2	1	0	36	13	49	231	503	28
September	34	1	1	0	36	4	40	237	508	28
October	34	1	1	0	36	11	47	248	538	26
November	34	1	1	0	36	13	49	266	560	26
December	34	0	1	0	35	13	48	275	579	27
2021 Avg	25	1	1	0	26	14	48	225	475	26
January	37	1	3	0	41	17	58	279	600	26
February	39	0	7	1	47	13	61	300	636	24
March	44	2	6	1	53	11	65	318	662	24
April	44	3	4	0	51	12	63	342	690	28
May	46	2	3	0	51	16	67	351	719	29
June	46	3	3	0	52	15	67	358	738	32
July	45	3	4	0	52	15	67	364	757	31
August	45	2	4	0	51	16	67	371	764	35
September	47	0	5	0	52	14	66	361	762	32
October	46	0	7	0	53	12	65	365	768	32
November	47	0	8	1	56	13	69	370	779	27
December	50	1	8	0	59	15	74	370	780	28
2022 Avg	45	1	5	0	52	14	66	346	721	29

Quick Facts

February 2023

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SPOT MARKET PRICES

	Jan 23	Dec 22	Jan 22
Louisiana Natural Gas ^D (\$/MMBTU)	3.18	5.42	4.29
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.27	5.52	4.34
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	80.76	77.87	85.29

BAKER HUGHES RIG COUNTS

	Dec 22	Nov 22	Dec 21
North Louisiana ^A	50	47	34
South Louisiana Inland Waters ^A	0	0	0
South Louisiana Inland ^A	8	8	1
Louisiana State Offshore	0	1	0
Louisiana Federal OCS Offshore	15	13	13
Total Louisiana ^A (OCS included)	73	69	48

PRODUCTION (State Jurisdiction Only)

	Dec 22	Nov 22	Dec 21
Louisiana Crude Oil & Condensate (MMB)	3.0 ¹	3.0 ¹	2.9
Louisiana Natural Gas & Casinghead (BCF)	311.0 ¹	311.0 ¹	304.1

DRILLING PERMITS (State Jurisdiction Only)

	Dec 22	Nov 22	Dec 21
Total Louisiana Oil and Gas	54	85	73
Louisiana Wildcats	0	1	0
Louisiana Offshore (Wildcats included)	1	0	0

