

# Louisiana Energy Facts

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## Highlights

The Louisiana natural gas spot price has been \$6.57 per MMBTU in the first 10 months of 2022, \$2.78 greater, or 73.3% higher than the first 10 months of 2021. The higher price is caused by the rising global demand for natural gas,

especially in Europe, due to the ongoing conflict in Ukraine. Working gas in storage was 3,644 BCF as of November 11, 2022, according to the EIA estimates. This represents a net increase of 64 BCF from the previous week and it

## November 2022

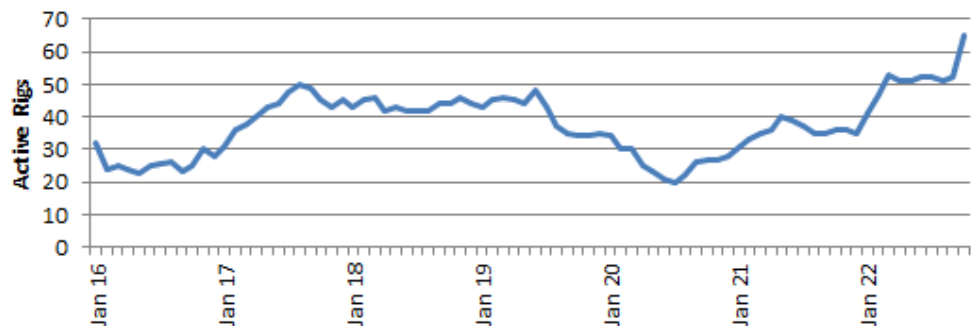
was 4 BCF higher than last year at this time, and 7 BCF lower the five-year average of 3,651 BCF. The expected average natural gas prices for the rest of 2022 and into 2023 is expected to be around \$6.00 per MMBTU, based on current production and demand levels.

### Louisiana Average Active Rigs in Areas Under State Jurisdiction

(Monthly Average Active Rigs)

Month	2017	2018	2019	2020	2021	2022	% Change	
							20/21	21/22
January	31	43	43	34	31	41		32.26%
February	36	45	45	30	33	47		42.42%
March	38	46	46	30	34	53		55.88%
April	40	42	45	25	37	51		37.84%
May	43	43	44	23	39	51		30.77%
June	44	42	48	21	39	52		33.33%
July	48	42	43	20	37	52		40.54%
August	50	42	37	22	36	51		41.67%
September	49	44	35	26	36	52		44.44%
October	45	44	34	27	36	65		80.56%
November	43	46	34	27	36		33.33%	
December	45	44	35	28	35		25.00%	
<b>Year Average</b>	<b>42</b>	<b>43</b>	<b>42</b>	<b>26</b>	<b>36</b>	<b>52</b> **		

\*\* Partial Year



## Current Oil &amp; Gas Data

Louisiana DNR Technology Assessment Division

<b>PRODUCTION</b>	<b>MAY 22</b>	<b>APR 22</b>	<b>MAR 22</b>	<b>MAY 21</b>
GOM CENTRAL FEDERAL OFFSHORE <sup>F</sup> (OCS)				
Crude Oil & Condensate (MMB)	47	50	50	53
Natural Gas & Casinghead (BCF)	58	62	61	69
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	361	350	362	351
Natural Gas & Casinghead <sup>C</sup> (BCF)	3,296	3,151	3,225	3,119
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	191	182	198	181
U.S. Natural Gas <sup>C</sup> (BCF)	233	247	261	205
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	149	142	135	100
U.S. Oil <sup>A</sup>	570	548	527	353
U.S. Offshore <sup>A</sup>	16	13	12	14
U.S. Total <sup>A</sup>	719	690	662	453
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	115.18	109.49	112.23	63.76
U.S. Imports Average <sup>C</sup> (F.O.B.)	103.75	99.53	99.63	57.48
U.S. Wellhead Average <sup>C</sup>	108.29	103.28	107.07	62.80
Gulf OCS Wellhead Average <sup>C</sup>	106.82	104.48	102.81	63.27
State Severance Wellhead Average <sup>E</sup>	104.37	94.44	79.89	66.14
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	8.45	6.34	5.59	4.34
U.S. Imports Average <sup>C</sup> (F.O.B.)	6.66	5.46	4.67	2.76
U.S. Spot Market Average <sup>D</sup>	8.42	6.57	4.73	3.01
State Royalty Wellhead Average	7.49	5.91	4.59	2.71
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	7.56	5.34	4.57	2.89

**Key**

1	Estimated	<b>MCF</b>	Thousand Cubic Feet
2	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>N/A</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>F.O.B</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units

**Data Sources**

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>C</b>	U. S. Dept. of Energy	<b>F</b>	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 ESTIMATED CRUDE OIL IMPORTS AND EXPORTS (Barrels)

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
2002	150,358,173	693,057,439	843,415,612	618,283,678
2003	191,660,152	879,937,921	1,071,598,073	651,542,085
2004	235,860,964	1,096,071,025	1,331,931,989	780,965,917
2005	157,001,235	850,125,218	1,007,126,453	494,032,441
2006	178,801,461	823,410,311	1,002,211,772	557,047,242
2007	174,554,670	816,896,435	991,451,105	481,788,044
2008	168,730,922	767,894,191	936,625,113	454,085,373
2009	182,258,937	607,792,864	790,051,801	428,186,575
2010	199,457,627	650,091,329	849,548,956	453,340,592
2011	224,516,717	604,090,791	828,607,508	470,330,446
2012	251,713,325	558,733,899	810,447,224	311,769,084
2013	343,133,879	419,087,598	762,221,477	270,802,771
2014	438,543,962	351,264,763	789,808,725	261,600,829
2015	478,773,258	358,099,808	836,873,066	256,695,969
2016	425,135,131	395,685,405	820,820,536	264,776,055
2017	507,957,916	326,975,746	834,933,662	287,040,373
2018	509,672,251	261,358,281	771,030,532	297,596,482
2019	545,698,327	259,072,691	804,771,018	312,958,367
2020	714,327,956	287,364,197	1,001,692,153	277,659,814
2021	847,362,486	160,788,562	1,008,151,048	444,053,587

## LOUISIANA ESTIMATED NATURAL GAS IMPORTS AND EXPORTS (MCF)

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
2002	1,290,858,071	n/a	1,290,858,071	4,184,377,435
2003	1,495,060,203	29,931,334	1,524,991,537	5,219,716,623
2004	1,373,686,290	153,699,903	1,527,386,193	5,022,037,236
2005	1,425,160,508	9,423,438	1,434,583,946	3,443,758,247
2006	1,495,315,465	n/a	1,495,315,465	3,333,525,104
2007	1,799,629,628	n/a	1,799,629,628	3,816,135,033
2008	2,416,147,366	9,306,010	2,425,453,376	3,819,251,975
2009	2,871,992,733	21,246,016	2,893,238,749	4,374,100,574
2010	2,968,917,248	37,981,236	3,006,898,484	4,903,836,122
2011	2,942,300,217	14,315,238	2,956,615,455	5,235,594,099
2012	2,921,306,407	10,271,538	2,931,577,945	5,202,884,633
2013	2,614,810,990	7,231,826	2,622,042,816	4,316,459,899
2014	2,482,102,996	5,016,324	2,487,119,320	3,775,998,381
2015	2,275,276,676	5,879,794	2,281,156,470	3,426,848,532
2016	2,050,211,214	1,751,740	2,051,962,954	3,075,203,915
2017	2,187,275,983	152,454	2,187,428,437	2,779,327,955
2018	2,643,507,875	91,332	2,643,599,207	3,412,655,118
2019	3,882,109,657	0	3,882,109,657	4,956,615,872
2020	2,624,598,313	1,284,625	2,625,882,938	5,097,183,518
2021	2,975,093,687	0	2,975,093,687	3,769,919,561

## Quick Facts

## November 2022

**Department of Natural Resources**

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**SPOT MARKET PRICES**

Louisiana Natural Gas<sup>D</sup> (\$/MMBTU)

NYMEX Henry Hub Last Settle Gas Price<sup>B</sup> (\$/MMBTU)

Louisiana Sweet Crude - St. James<sup>B</sup> (\$/Barrel)

**BAKER HUGHES RIG COUNTS**

North Louisiana<sup>A</sup>

South Louisiana Inland Waters<sup>A</sup>

South Louisiana Inland<sup>A</sup>

Louisiana State Offshore

Louisiana Federal OCS Offshore

Total Louisiana<sup>A</sup> (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)

	Louisiana	DNR	Technology	Assessment	Division
			<b>Oct 22</b>	<b>Sep 22</b>	<b>Oct 21</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)			5.56	7.44	5.35
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)			5.68	7.82	5.48
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)			89.72	86.26	82.29
			<b>Sep 22</b>	<b>Aug 22</b>	<b>Sep 21</b>
North Louisiana <sup>A</sup>			47	45	34
South Louisiana Inland Waters <sup>A</sup>			0	2	1
South Louisiana Inland <sup>A</sup>			5	4	1
Louisiana State Offshore			0	0	0
Louisiana Federal OCS Offshore			14	16	4
Total Louisiana <sup>A</sup> (OCS included)			66	66	39
			<b>Sep 22</b>	<b>Aug 22</b>	<b>Sep 21</b>
Louisiana Crude Oil & Condensate (MMB)			3.1 <sup>1</sup>	3.5 <sup>1</sup>	2.6 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)			338.4 <sup>1</sup>	348.5 <sup>1</sup>	264.2 <sup>2</sup>
			<b>Sep 22</b>	<b>Aug 22</b>	<b>Sep 21</b>
Total Louisiana Oil and Gas			70	54	52
Louisiana Wildcats			0	2	1
Louisiana Offshore (Wildcats included)			0	0	1

