

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

[www.dnr.louisiana.gov/tad](http://www.dnr.louisiana.gov/tad)

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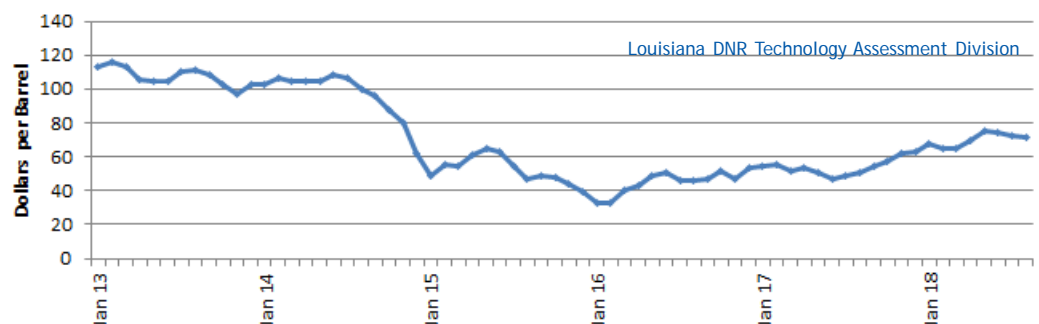
## Highlights SEPTEMBER 2018

Louisiana's natural gas spot price averaged \$2.75 per MMBTU in August. The September 2018 NYMEX Natural Gas at Henry Hub settlement price was \$2.895 per MMBTU, 7 cents higher than the August 2018 gas settlement price and 2.2% lower than the September 2017 gas settlement price. Price increases reflected warmer-than-normal temperatures in August, which led to increased demand from the electric power sector. The U.S. Energy Information Administration (EIA) reported the working gas in storage was 2,435 billion cubic foot (BCF) as of Friday, August 17, 2018, which represents a decrease of 21.9% from last year's inventory for the same period and 19.7% lower than the five-year average inventory.

### South Louisiana Sweet Crude Oil Average Spot Price at St. James

Month	(Dollars per Barrel)						% Change	
	2013	2014	2015	2016	2017	2018	16/17	17/18
January	112.73	102.79	48.81	32.82	54.04	67.75		25.37%
February	116.30	106.36	55.28	32.48	55.14	64.48		16.94%
March	112.82	104.13	54.38	40.11	51.36 <sup>2</sup>	65.15 <sup>2</sup>		26.85%
April	105.42	104.15	60.67	42.73	53.14	69.46		30.71%
May	104.27	104.27	64.96	48.70	50.57	75.27		48.84%
June	104.19	108.22	63.23	50.59	47.21	74.58		57.98%
July	110.52	106.41	54.69	46.41	49.00	72.77		48.51%
August	110.95	100.13	47.07	46.33	51.07	71.92 <sup>1</sup>		40.83%
September	108.17	96.30	48.64	46.84	54.89		17.19%	
October	102.85	87.60	47.38	51.36	57.44		11.84%	
November	97.18	79.64	44.36	46.72	62.38		33.52%	
December	102.79	61.90	38.88	53.53	63.34		18.33%	
<b>Year Average</b>	<b>107.35</b>	<b>96.83</b>	<b>52.36</b>	<b>44.89</b>	<b>54.13</b>	<b>70.17</b> <sup>*</sup>		

\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAR 18	FEB 18	JAN 18	MAR 17
<b>GOM CENTRAL FEDERAL OFFSHORE <sup>F</sup> (OCS)</b>				
Crude Oil & Condensate (MMB)	49	44	48 <sup>2</sup>	53
Natural Gas & Casinghead (BCF)	74	66 <sup>2</sup>	68	95
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	324	287	309 <sup>2</sup>	284 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,651	2,365	2,566	2,147 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	236	208 <sup>2</sup>	248	250
U.S. Natural Gas <sup>C</sup> (BCF)	274	241	304	281
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	188	180	187	154
U.S. Oil <sup>A</sup>	801	788	750	634
U.S. Offshore <sup>A</sup>	13	17	18	20
U.S. Total <sup>A</sup>	1,002	985 <sup>2</sup>	955 <sup>2</sup>	789
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	60.90	61.07	64.12	46.85
U.S. Imports Average <sup>C</sup> (F.O.B.)	53.35	53.42	55.73	44.08
U.S. Wellhead Average <sup>C</sup>	60.68	61.20	62.25	46.39
Gulf OCS Wellhead Average <sup>C</sup>	60.85	62.20 <sup>2</sup>	61.88	47.91
State Severance Wellhead Average <sup>E</sup>	69.52	56.34	61.29	47.73
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	3.71	3.97	4.31	3.84
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.45	3.01	4.40	2.68
U.S. Spot Market Average <sup>D</sup>	2.56	3.05	4.74	2.84
State Royalty Wellhead Average	2.62	2.96	3.39	2.79 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.64	3.63	2.74	2.63

### Key

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet
<b>2</b>	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>NA</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>FO.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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<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.

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## Louisiana Estimated Crude Oil Proved Reserves<sup>C</sup>, Excluding Lease Condensate

As of December 31st of Each Year  
(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1999	108	384	108	2,442	3,042	21,765
2000	97	310	122	2,751	3,280	22,045
2001	87	341	136	3,877	4,441	22,446
2002	75	335	91	4,088	4,589	22,677
2003	66	314	72	4,251	4,703	21,891
2004	58	304	65	3,919	4,346	21,371
2005	68	299	65	3,852	4,284	21,757
2006	68	312	48	3,500	3,928	20,972
2007	76	326	56	3,320	3,778	21,317
2008	60	277	51	3,388	3,776	19,121
2009	55	269	46	3,570	3,940	20,682
2010	104	274	46	3,914	4,338	23,267
2011	103	264	50	4,626 <sup>2</sup>	4,855	26,544
2012	100	300	63	4,807 <sup>2</sup>	4,967	30,529
2013	120	328	55	4,811 <sup>2</sup>	5,006	33,371
2014	118	349	67	4,531 <sup>2</sup>	4,778	36,385
2015	89	276	59	4,082 <sup>2</sup>	4,249	32,318
2016	71	283	54	3,983	4,391	32,773

## Louisiana Estimated Lease Condensate Proved Reserves<sup>C</sup>

As of December 31st of Each Year  
(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1999	25	134	15	435	609	1,295
2000	22	130	17	437	606	1,333
2001	27	141	19	325	512	1,398
2002	19	107	11	300	437	1,346
2003	19	82	11	251	363	1,215
2004	21	66	9	205	301	1,221
2005	23	72	9	228	332	1,218
2006	29	65	10	185	289	1,339
2007	31	69	11	180	291	1,415
2008	27	64	8	151	250	1,433
2009	26	74	10	134	244	1,633
2010	27	68	11	129	235	1,914
2011	33	64	11	129	237	2,406
2012	38	70	13	98	219	2,874
2013	39	68	12	88	207	3,149
2014	48	56	11	108	223	3,548
2015	46	59	5	122	232	2,912
2016	32	50	4	155	241	2,440



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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**SEPTEMBER 2018**

Louisiana DNR Technology Assessment Division

<b>SPOT MARKET PRICES</b>	<b>Aug 18</b>	<b>Jul 18</b>	<b>Aug 17</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.75	2.79	2.88
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.94	3.00	2.97
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	72.59	72.77	51.12 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>	<b>Jul 18</b>	<b>Jun 18</b>	<b>Jul 17</b>
North Louisiana <sup>A</sup>	33	36 <sup>2</sup>	43
South Louisiana Inland Waters <sup>A</sup>	4	3	3
South Louisiana Inland <sup>A</sup>	4	2	2
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	17	17	22
Total Louisiana <sup>A</sup> (OCS included)	58	58 <sup>2</sup>	70
<b>PRODUCTION (State Jurisdiction Only)</b>	<b>Jul 18</b>	<b>Jun 18</b>	<b>Jul 17</b>
Louisiana Crude Oil & Condensate (MMB)	4.4 <sup>1</sup>	4.3 <sup>1</sup>	4.2 <sup>1</sup>
Louisiana Natural Gas & Casinghead (BCF)	223.4 <sup>1</sup>	220.4 <sup>1</sup>	140.4 <sup>1</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>	<b>Jul 18</b>	<b>Jun 18</b>	<b>Jul 17</b>
Total Louisiana Oil and Gas	70	72	47
Louisiana Wildcats	2	0	0
Louisiana Offshore (Wildcats included)	0	0	0