

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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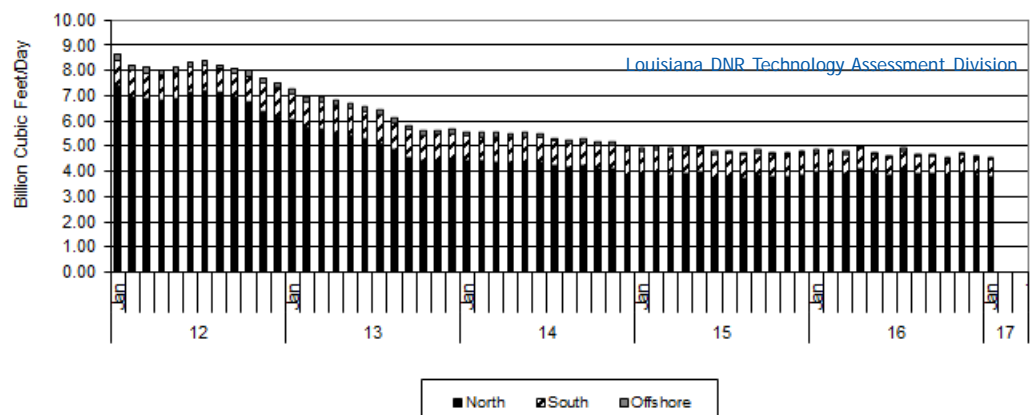
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## Highlights FEBRUARY 2017

The average Louisiana spot market gas price for January 2017 was \$3.26 per MMBTU, which was 3.8% lower than the December 2016 average. The December 2016 average was \$3.39 per MMBTU, the highest price since December 2014. The decrease can be attributed to the warmer than expected winter in the United States, in particular, the northeastern United States. Overall, U.S. natural gas storage is 8.9 % below what it was a year-ago, and 2.2% over the five-year average (according to the January 27, 2017 EIA Working Gas in Underground Storage). Prices have been around the \$3.00 level, while dealing with above average temperatures throughout the nation.

### Louisiana Natural Gas & Casinghead Production, Excluding Federal OCS

Month	(Billion Cubic Feet/Day)						% Change 15/16
	2011	2012	2013	2014	2015	2016	
January	6.99	8.61	7.26	5.51 <sup>2</sup>	4.88 <sup>2</sup>	4.81 <sup>2</sup>	-1.51%
February	7.17	8.18 <sup>2</sup>	6.93	5.51 <sup>2</sup>	4.94 <sup>2</sup>	4.83 <sup>2</sup>	-2.30%
March	7.65	8.12	6.94	5.50	4.87	4.74 <sup>2</sup>	-2.67%
April	7.78	8.03	6.76	5.47	4.93 <sup>2</sup>	4.93 <sup>2</sup>	0.09%
May	7.94	8.11	6.68	5.51	4.97 <sup>2</sup>	4.71 <sup>2</sup>	-5.25%
June	7.83	8.33	6.54	5.45 <sup>2</sup>	4.75 <sup>2</sup>	4.59 <sup>2</sup>	-3.40%
July	8.00	8.39	6.38	5.29 <sup>2</sup>	4.77	4.86	1.98%
August	8.29	8.21	6.10	5.19 <sup>2</sup>	4.73 <sup>2</sup>	4.62	-2.21%
September	8.45	8.06	5.80	5.27 <sup>2</sup>	4.81 <sup>2</sup>	4.63	-3.60%
October	8.53	7.99	5.56	5.16	4.72 <sup>2</sup>	4.52 <sup>1</sup>	-4.18%
November	8.71	7.69	5.59	5.11 <sup>2</sup>	4.71	4.68 <sup>1</sup>	-0.50%
December	8.57	7.49	5.62	4.93 <sup>2</sup>	4.77 <sup>2</sup>	4.55 <sup>1</sup>	-4.57%
<b>Year Average</b>	<b>7.99</b>	<b>8.10<sup>2</sup></b>	<b>6.35</b>	<b>5.33<sup>2</sup></b>	<b>4.82</b>	<b>4.71<sup>1</sup></b>	<b>-2.35%</b>



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	AUG 16	JUL 16	JUN 16	AUG 15
<b>GOM CENTRAL FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>F</sup> (MMB)	36	40	39 <sup>2</sup>	47
Natural Gas & Casinghead <sup>F</sup> (BCF)	86	88	82 <sup>2</sup>	108
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	272	269	261	291
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,242	2,213	2,148	2,302
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	249	251	228	239
U.S. Natural Gas <sup>C</sup> (BCF)	261	265	242	214
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	82	88	86	209
U.S. Oil <sup>A</sup>	397	359	330	673
U.S. Offshore <sup>A</sup>	17	20	21	34
U.S. Total <sup>A</sup>	481	449	417	883
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	40.40	39.61	43.73	38.21
U.S. Imports Average <sup>C</sup> (F.O.B.)	38.27	38.76	41.92 <sup>2</sup>	37.17
U.S. Wellhead Average <sup>C</sup>	40.46	40.70	43.96	39.98
Gulf OCS Wellhead Average <sup>C</sup>	41.29	42.54	43.64	46.21
State Severance Wellhead Average <sup>E</sup>	36.54	43.94	38.27	58.69
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	4.37	4.45	3.98	4.59
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.42	2.35	1.90	2.74
U.S. Spot Market Average <sup>D</sup>	2.66	2.70	2.25	2.75
State Royalty Wellhead Average	2.63	2.72 <sup>2</sup>	2.29	2.73
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.67	2.92	1.96	2.89

### 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.

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. If the issue you are seeking is unavailable, please contact us.

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# 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	
<b>2012 Avg</b>	<b>36</b>	<b>18</b>	<b>26</b>	<b>1</b>	<b>81</b>	<b>43</b>	<b>124</b>	<b>899</b>	<b>1,919</b>	<b>40</b>
<b>2013 Avg</b>	<b>24</b>	<b>20</b>	<b>15</b>	<b>2</b>	<b>61</b>	<b>47</b>	<b>108</b>	<b>835</b>	<b>1,761</b>	<b>42</b>
January	25	20	14	0	59	52	111	836	1,769	33
February	24	19	13	0	56	50	106	844	1,769	35
March	28	18	12	0	58	47	105	864	1,803	46
April	24	16	20	0	59	47	107	885	1,835	50
May	28	14	19	0	60	53	114	892	1,859	46
June	27	16	15	1	59	50	109	891	1,861	35
July	27	18	15	1	60	51	112	892	1,876	39
August	30	12	16	0	58	56	114	900	1,904	31
September	29	13	17	1	59	55	115	902	1,930	36
October	32	13	16	1	62	49	111	899	1,925	41
November	31	13	18	2	64	46	110	904	1,925	42
December	28	13	18	2	61	51	112	872	1,882	40
<b>2014 Avg</b>	<b>28</b>	<b>15</b>	<b>16</b>	<b>1</b>	<b>60</b>	<b>51</b>	<b>110</b>	<b>882</b>	<b>1,861</b>	<b>40</b>
January	30	12	16	1	59	49	108	773	1,683	36
February	33	8	17	1	59	48	107	600	1,348	47
March	27	6	12	0	45	40	85	492	1,109	47
April	26	4	10	0	40	30	70	422	976	37
May	27	3	10	0	40	30	70	375	889	40
June	26	5	12	0	43	28	71	363	861	38
July	25	4	14	0	43	31	74	369	866	38
August	29	5	11	0	45	32	77	385	883	35
September	29	4	9	0	42	30	72	367	848	37
October	28	2	7	0	37	32	69	349	791	32
November	29	3	6	0	37	30	67	339	760	29
December	29	1	8	0	38	21	59	324	714	30
<b>2015 Avg</b>	<b>28</b>	<b>5</b>	<b>11</b>	<b>0</b>	<b>44</b>	<b>33</b>	<b>77</b>	<b>430</b>	<b>977</b>	<b>37</b>
January	24	1	7	0	32	23	55	301	654	30
February	18	1	5	0	24	23	47	244	532	28
March	17	3	5	0	25	24	49	216	477	32
April	15	4	5	0	24	23	47	193	437	29
May	15	4	4	0	23	22	45	179	407	30
June	15	4	6	0	25	20	45	185	417	28
July	16	4	6	0	26	19	44	206	449	32
August	15	4	7	0	26	16	42	231	481	29
September	15	4	4	0	23	17	40	244	509	27
October	17	2	6	0	25	21	46	250	543	19
November	22	2	6	0	30	21	51	271	580	27
December	23	1	3	1	28	20	48	310	634	29
<b>2016 Avg</b>	<b>18</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>26</b>	<b>21</b>	<b>47</b>	<b>236</b>	<b>510</b>	<b>28</b>



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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**FEBRUARY 2017**

Louisiana DNR Technology Assessment Division

**SPOT MARKET PRICES**

	<b>Jan 17</b>	<b>Dec 16</b>	<b>Jan 16</b>
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.26	3.39	2.26
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.93	3.23	2.37
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	54.04	53.53 <sup>2</sup>	32.82

**BAKER HUGHES RIG COUNTS**

	<b>Dec 16</b>	<b>Nov 16</b>	<b>Dec 15</b>
North Louisiana <sup>A</sup>	23	22	28 <sup>2</sup>
South Louisiana Inland Waters <sup>A</sup>	1	2	1
South Louisiana Inland <sup>A</sup>	3	6	8
Louisiana State Offshore	1	0 <sup>2</sup>	0
Louisiana Federal OCS Offshore	20	21	20 <sup>2</sup>
Total Louisiana <sup>A</sup> (OCS included)	48	51 <sup>2</sup>	59

**PRODUCTION (State Jurisdiction Only)**

	<b>Dec 16</b>	<b>Nov 16</b>	<b>Dec 15</b>
Louisiana Crude Oil & Condensate (MMB)	4.6 <sup>1</sup>	4.7 <sup>1</sup>	5.1 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	141.0 <sup>1</sup>	140.5 <sup>1</sup>	147.8 <sup>2</sup>

**DRILLING PERMITS (State Jurisdiction Only)**

	<b>Dec 16</b>	<b>Nov 16</b>	<b>Dec 15</b>
Total Louisiana Oil and Gas	32	58	28
Louisiana Wildcats	1	2	1
Louisiana Offshore (Wildcats included)	0	0	0