

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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### Featured Articles and Inserts

Highlights of the 19th Edition of the Louisiana Refinery Survey Report and Net Zero-Energy Buildings



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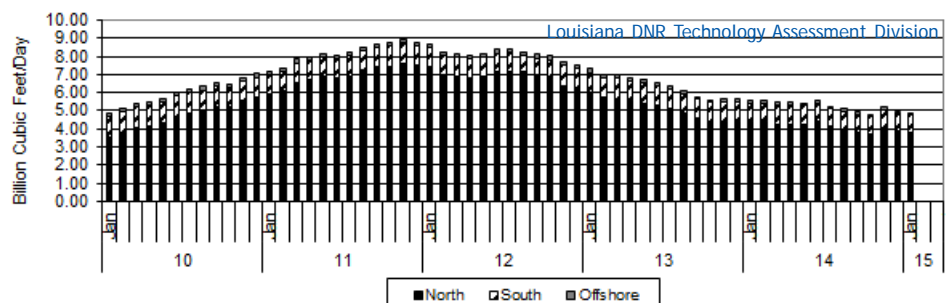
## Highlights FEBRUARY 2015

The Light Louisiana sweet crude oil price has dipped under \$50 per barrel, but is expected to rebound over \$50 per barrel by the year-end. Barclays recently slashed its 2015 Brent crude oil forecast to \$44 per barrel from its previous forecast of \$72 per barrel. Goldman Sachs, as reported in the Canberra Times, said that it expected prices for West Texas intermediate crude to trade close to \$40 per barrel for most of the first half of 2015. The low prices are caused by high levels of U.S. stock in storage, OPEC producers' refusal to cut production, continuing production increases from U.S. oil shale, and the slow recovery of demand in the Asian market. Both the major and independent hydrocarbon producers have announced that they will be cutting their upstream budgets for 2015 and 2016. Baker Hughes rig counts have shown a decline of 268 rigs from the beginning to the end of January 2015 (15% of the total active rigs on January 2, 2015).

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

(Billion Cubic Feet/Day)							% Change
Month	2009	2010	2011	2012	2013	2014	13/14
January	3.76	4.84	7.14	8.61	7.26	5.49 <sup>2</sup>	-24.42%
February	3.85	5.09	7.32	8.17 <sup>2</sup>	6.93 <sup>2</sup>	5.50 <sup>2</sup>	-20.68%
March	3.86	5.33	7.81	8.12	6.94	5.42 <sup>2</sup>	-21.86%
April	3.95	5.48	7.95	8.02	6.76	5.43 <sup>2</sup>	-19.68%
May	4.04	5.64	8.12	8.11	6.68	5.40 <sup>2</sup>	-19.19%
June	4.05	5.96	8.02	8.33	6.54 <sup>2</sup>	5.49 <sup>2</sup>	-16.01%
July	4.12	6.15	8.19	8.39	6.37	5.21	-18.14%
August	4.29	6.29	8.47	8.21	6.09	5.06	-16.93%
September	4.36	6.49	8.63	8.06	5.72 <sup>2</sup>	4.90	-14.41%
October	4.53	6.46	8.71	7.99	5.56	4.75 <sup>1</sup>	-14.52%
November	4.71	6.74	8.88	7.69	5.59	5.15 <sup>1</sup>	-7.77%
December	4.68	6.99	8.74	7.49	5.60 <sup>2</sup>	4.92 <sup>1</sup>	-12.21%
<b>Year Average</b>	<b>4.18</b>	<b>5.96</b>	<b>8.16</b>	<b>8.10</b>	<b>6.34<sup>2</sup></b>	<b>5.23<sup>1</sup></b>	<b>-17.52%</b>

\* All data are revised, see July 2001 statistics changes explanation.



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	AUG 14	JUL 14	JUN 14	AUG 13
<b>LOUISIANA FEDERAL OFFSHORE (OCS)</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	38 <sup>1</sup>	38 <sup>1</sup>	37 <sup>1</sup>	34 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	84 <sup>1</sup>	81 <sup>1</sup>	81 <sup>1</sup>	83 <sup>1</sup>
<b>THE UNITED STATES TOTAL</b>				
Crude Oil & Condensate <sup>C</sup> (MMB)	271	270 <sup>2</sup>	261 <sup>2</sup>	232 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,218	2,172	2,095	2,092 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	232	236	212	251
U.S. Natural Gas <sup>C</sup> (BCF)	207	201	202	236
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	324	314	314	386
U.S. Oil <sup>A</sup>	1,578	1,560	1,545	1,388
U.S. Offshore <sup>A</sup>	62	57	58	61
U.S. Total <sup>A</sup>	1,904	1,876	1,861	1,781
<b>PRICES</b>				
<b>CRUDE OIL (\$/barrel)</b>				
OPEC Average <sup>C</sup> (F.O.B.)	93.30	97.43 <sup>2</sup>	100.67	103.69
U.S. Imports Average <sup>C</sup> (F.O.B.)	89.28	93.79 <sup>2</sup>	97.57	101.89
U.S. Wellhead Average <sup>C</sup>	90.72	96.67	98.70	102.96 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	99.17	101.67	100.91	106.71
State Severance Wellhead Average <sup>E</sup>	105.27	103.11	104.07	100.94
<b>NATURAL GAS (\$/MCF)</b>				
U.S. City Gates Average <sup>C</sup>	5.48	5.97 <sup>2</sup>	5.99 <sup>2</sup>	5.24 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	3.87	4.77 <sup>2</sup>	4.81 <sup>2</sup>	3.17
U.S. Spot Market Average <sup>D</sup>	3.80	4.07	4.53	3.47
State Royalty Wellhead Average	3.86	4.19 <sup>2</sup>	4.61	3.46
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.81	4.40	4.62	3.46

### 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>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		

**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 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>2010 Avg</b>	<b>134</b>	<b>13</b>	<b>16</b>	<b>2</b>	<b>166</b>	<b>26</b>	<b>192</b>	<b>659</b>	<b>1,540</b>	<b>43</b>
<b>2011 Avg</b>	<b>97</b>	<b>17</b>	<b>22</b>	<b>2</b>	<b>138</b>	<b>27</b>	<b>165</b>	<b>839</b>	<b>1,876</b>	<b>38</b>
January	65	15	29	1	110	37	147	923	2,003	32
February	59	14	28	1	102	35	137	914	1,990	40
March	51	19	27	2	99	37	136	924	1,979	36
April	42	21	27	1	90	40	130	923	1,962	40
May	38	20	27	0	85	43	128	932	1,977	45
June	31	19	29	1	80	45	125	932	1,972	39
July	24	18	28	1	71	47	118	910	1,944	35
August	27	19	28	1	74	46	121	901	1,913	40
September	25	19	23	0	67	49	115	876	1,859	38
October	25	16	23	0	63	43	107	867	1,834	42
November	24	18	24	0	66	48	114	850	1,809	45
December	22	20	20	1	63	46	109	839	1,784	53
<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>
January	21	18	18	3	60	46	106	821	1,756	49
February	23	17	17	2	59	50	109	833	1,762	47
March	25	20	14	2	61	46	107	833	1,756	47
April	23	24	16	2	64	43	108	836	1,755	45
May	22	23	18	1	64	43	107	838	1,767	38
June	24	21	17	1	62	44	106	841	1,761	44
July	24	19	13	1	57	46	103	841	1,766	39
August	26	22	13	2	63	47	110	848	1,781	47
September	25	20	15	3	62	49	111	837	1,760	42
October	24	18	17	3	61	47	108	820	1,744	37
November	24	18	16	1	59	50	109	829	1,756	39
December	25	20	12	0	56	54	111	843	1,771	35
<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>

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## Quick Facts

## FEBRUARY 2015

Louisiana DNR Technology Assessment Division

	Jan 15	Dec 14	Jan 14
<b>SPOT MARKET PRICES</b>			
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.96	3.47	4.43
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.19	4.28	4.41
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	48.81	61.47 <sup>2</sup>	102.79
<b>BAKER HUGHES RIG COUNTS</b>			
	<b>Dec 14</b>	<b>Nov 14</b>	<b>Dec 13</b>
North Louisiana <sup>A</sup>	28	31	25
South Louisiana Inland Waters <sup>A</sup>	13	13	20
South Louisiana Inland <sup>A</sup>	18	18	12
Louisiana State Offshore	2	2	0
Louisiana Federal OCS Offshore	51	46	54
Total Louisiana <sup>A</sup> (OCS included)	112	110	111
<b>PRODUCTION (State Jurisdiction Only)</b>			
	<b>Dec 14</b>	<b>Nov 14</b>	<b>Dec 13</b>
Louisiana Crude Oil & Condensate (MMB)	5.6 <sup>1</sup>	5.6 <sup>1</sup>	6.0 <sup>1</sup>
Louisiana Natural Gas & Casinghead (BCF)	152.5 <sup>1</sup>	154.5 <sup>1</sup>	173.7 <sup>2</sup>
<b>DRILLING PERMITS (State Jurisdiction Only)</b>			
	<b>Dec 14</b>	<b>Nov 14</b>	<b>Dec 13</b>
Total Louisiana Oil and Gas	88	103	103
Louisiana Wildcats	3	4	0
Louisiana Offshore (Wildcats included)	0	1	3