

# 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

OCTOBER 2015

Dear Subscriber:

The Louisiana Energy Facts Monthly is available on the Department of Natural Resources (DNR) website at:

<http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=35&ngid=2>.

From the menu, select **Newsletters**. *The printed version of the monthly newsletter will be discontinued in November 2015.*

The move to an online-only format is an environmentally responsible one that will save resources in printing and publication costs, but the main motivation is simply to update and respond to the way people like to receive information in the 21st century. Over the years, the newsletter has undergone many changes, this is just the latest one.

Future newsletters will continue to publish the same information you currently receive, but will not have the lag time in publishing. This will speed up the process of getting information to you in a timely manner.

In order for us to notify you when the latest newsletter is available, send your updated contact information to: [TechAsmt@LA.gov](mailto:TechAsmt@LA.gov).

In your email, include your **name**, **place of business**, **current position**, **telephone number**, and **email address** to confirm you would like to be notified when the latest edition of the newsletter is available on the DNR website each month.

## Louisiana Natural Gas Average Spot Prices

(Dollars per MMBTU)

Month							% Change	
	2010	2011	2012	2013	2014	2015	13/14	14/15
January	5.89 <sup>2</sup>	4.35 <sup>2</sup>	2.74 <sup>2</sup>	3.32 <sup>2</sup>	4.43 <sup>2</sup>	3.01		-32.00%
February	5.39 <sup>2</sup>	4.11 <sup>2</sup>	2.55 <sup>2</sup>	3.24 <sup>2</sup>	5.73 <sup>2</sup>	2.74		-52.25%
March	4.46 <sup>2</sup>	3.85 <sup>2</sup>	2.20 <sup>2</sup>	3.64 <sup>2</sup>	4.76 <sup>2</sup>	2.80		-41.11%
April	3.89 <sup>2</sup>	4.16 <sup>2</sup>	1.96 <sup>2</sup>	4.08 <sup>2</sup>	4.51 <sup>2</sup>	2.53		-43.98%
May	4.09 <sup>2</sup>	4.24 <sup>2</sup>	2.30 <sup>2</sup>	4.02 <sup>2</sup>	4.54 <sup>2</sup>	2.69		-40.74%
June	4.65 <sup>2</sup>	4.48 <sup>2</sup>	2.34 <sup>2</sup>	3.89 <sup>2</sup>	4.51 <sup>2</sup>	2.70		-40.09%
July	4.58 <sup>2</sup>	4.34 <sup>2</sup>	2.84 <sup>2</sup>	3.61 <sup>2</sup>	4.01 <sup>2</sup>	2.76		-31.26%
August	4.45 <sup>2</sup>	4.13 <sup>2</sup>	2.85 <sup>2</sup>	3.35 <sup>2</sup>	3.79 <sup>2</sup>	2.79		-26.34%
September	3.80 <sup>2</sup>	3.85 <sup>2</sup>	2.70 <sup>2</sup>	3.54 <sup>2</sup>	3.87 <sup>2</sup>	2.66		-31.27%
October	3.51 <sup>2</sup>	3.54 <sup>2</sup>	3.16 <sup>2</sup>	3.60 <sup>2</sup>	3.78		5.13%	
November	3.52 <sup>2</sup>	3.21 <sup>2</sup>	3.46 <sup>2</sup>	3.51 <sup>2</sup>	3.88		10.57%	
December	4.22 <sup>2</sup>	3.20 <sup>2</sup>	3.39 <sup>2</sup>	4.05 <sup>2</sup>	3.47		-14.28%	
<b>Year Average</b>	<b>4.37<sup>2</sup></b>	<b>3.96<sup>2</sup></b>	<b>2.71<sup>2</sup></b>	<b>3.65<sup>2</sup></b>	<b>4.27</b>	<b>2.74<sup>**</sup></b>		

\*\* Partial Year

## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	APR 15	MAR 15	FEB 15	APR 14
GOM CENTRAL FEDERAL OFFSHORE <sup>F</sup> (OCS)				
Crude Oil & Condensate (MMB)	34	35	34	39 <sup>1</sup>
Natural Gas & Casinghead (BCF)	82	82	82	94 <sup>1</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	291	300	264	256 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	2,240	2,294	2,061	2,058 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	216	235 <sup>2</sup>	199	226
U.S. Natural Gas <sup>C</sup> (BCF)	205	257	254	201
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	222	250	296	316
U.S. Oil <sup>A</sup>	750	857	1,050	1,515
U.S. Offshore <sup>A</sup>	33	43	52	51
U.S. Total <sup>A</sup>	976	1,109	1,348	1,835
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	50.15	45.17	47.12	99.15 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	48.31	43.58	43.86	94.15 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	49.23	42.66	44.35 <sup>2</sup>	96.49 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	53.23	47.12	46.61	101.18
State Severance Wellhead Average <sup>E</sup>	45.79	55.63 <sup>2</sup>	63.11 <sup>2</sup>	99.34
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	3.91	4.33	4.55	5.63
U.S. Imports Average <sup>C</sup> (F.O.B.)	2.59	3.90	5.47	5.11 <sup>2</sup>
U.S. Spot Market Average <sup>D</sup>	2.54	3.27	3.87	4.71
State Royalty Wellhead Average	2.53	2.78	2.83	4.61
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.59	2.89	2.87	4.58

### Key

### Data Sources

<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

<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://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=35&ngid=2>. 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.

To request a subscription or to update your email and/or address, contact us with your information. We value your feedback, please send your comments and suggestions for improving and enhancing the newsletter to: [techasmt@la.gov](mailto:techasmt@la.gov).

## Louisiana Estimated Dry Natural Gas Proved Reserves

As of December 31st of Each Year  
(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1997	3,093	5,855	725	21,934 <sup>c</sup>	31,607 <sup>c</sup>	167,223
1998	2,898	5,698	551	20,774 <sup>c</sup>	29,921 <sup>c</sup>	164,041
1999	3,079	5,535	628	19,598 <sup>c</sup>	28,840 <sup>c</sup>	167,406
2000	3,298	5,245	696	19,788 <sup>c</sup>	29,027 <sup>c</sup>	177,427
2001	3,881	5,185	745	19,721 <sup>c</sup>	29,532 <sup>c</sup>	183,460
2002	4,245	4,224	491	18,500 <sup>c</sup>	27,460 <sup>c</sup>	186,946
2003	5,074	3,746	506	16,728 <sup>c</sup>	26,054 <sup>c</sup>	189,044
2004	5,770	3,436	382	14,685 <sup>c</sup>	24,273 <sup>c</sup>	192,513
2005	6,695	3,334	418	13,665 <sup>c</sup>	24,112 <sup>c</sup>	204,385
2006	6,715	3,335	424	11,824 <sup>c</sup>	22,298 <sup>c</sup>	211,085
2007	6,344	3,323	378	11,090 <sup>c</sup>	21,135 <sup>c</sup>	237,726
2008	7,876	2,799	898	10,450 <sup>c</sup>	22,023 <sup>c</sup>	244,656
2009	17,146	2,844	701	9,362 <sup>c</sup>	30,053 <sup>c</sup>	272,509
2010	26,030	2,876	371	8,896 <sup>c</sup>	38,173 <sup>c</sup>	304,625
2011	27,337	2,519	502	8,156 <sup>c</sup>	38,514 <sup>c</sup>	334,067
2012	18,418	3,029	502	7,291 <sup>c</sup>	29,240 <sup>c</sup>	308,036
2013	17,044	2,718	402	6,482 <sup>c</sup>	26,646 <sup>c</sup>	338,264

<sup>c</sup> Includes Federal Offshore Alabama

## Louisiana Estimated Natural Gas Liquids Proved Reserves

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

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1997	50	199	12	352 <sup>c</sup>	613 <sup>c</sup>	6,632 <sup>2</sup>
1998	34	187	13	341 <sup>c</sup>	575 <sup>c</sup>	6,188 <sup>2</sup>
1999	36	222 <sup>2</sup>	23 <sup>2</sup>	403 <sup>c, 2</sup>	684 <sup>c, 2</sup>	6,503 <sup>2</sup>
2000	35	178	28	487 <sup>c</sup>	728 <sup>c</sup>	6,873
2001	35	128	41	460 <sup>c</sup>	664 <sup>c</sup>	6,595
2002	30	119	37	483 <sup>c</sup>	669 <sup>c</sup>	6,648
2003	48	100	35	347 <sup>c</sup>	530 <sup>c</sup>	6,244
2004	53	87	27	410 <sup>c</sup>	577 <sup>c</sup>	6,707
2005	57	103	31	407 <sup>c</sup>	598 <sup>c</sup>	6,903
2006	60	94	22	390 <sup>c</sup>	566 <sup>c</sup>	7,133
2007	69	97	25	365 <sup>c</sup>	556 <sup>c</sup>	7,648
2008	68	78	55	313 <sup>c</sup>	514 <sup>c</sup>	7,842
2009	98	90	43	301 <sup>c</sup>	532 <sup>c</sup>	8,557
2010	79	113	24	340 <sup>c</sup>	556 <sup>c</sup>	9,809
2011	54	94	44	354 <sup>c</sup>	546 <sup>c</sup>	10,825
2012	35	134	20	369 <sup>c</sup>	558 <sup>c</sup>	10,777
2013	52	144	16	292 <sup>c</sup>	504 <sup>c</sup>	11,943

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## Quick Facts

## OCTOBER 2015

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### SPOT MARKET PRICES

	Sep 15	Aug 15	Sep 14
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	2.66	2.79	3.87
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	2.64	2.89	3.96
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	48.64	47.07	96.30

### BAKER HUGHES RIG COUNTS

	Aug 15	Jul 15	Aug 14
North Louisiana <sup>A</sup>	29	25	30
South Louisiana Inland Waters <sup>A</sup>	5	4	12
South Louisiana Inland <sup>A</sup>	11	13	16
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	32	31	56
Total Louisiana <sup>A</sup> (OCS included)	77	74	114

### PRODUCTION (State Jurisdiction Only)

	Aug 15	Jul 15	Aug 14
Louisiana Crude Oil & Condensate (MMB)	6.1 <sup>1</sup>	6.0 <sup>1</sup>	6.6 <sup>1</sup>
Louisiana Natural Gas & Casinghead (BCF)	147.7 <sup>1</sup>	145.8 <sup>1</sup>	160.3 <sup>1</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Aug 15	Jul 15	Aug 14
Total Louisiana Oil and Gas	44	77	87
Louisiana Wildcats	3	7	3
Louisiana Offshore (Wildcats included)	1	0	1