

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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INSIDE

Highlights

page 1

Louisiana Natural Gas & Casinghead Production

page 1

Current Oil & Gas Data

page 2

Louisiana and the United States Active Rig Counts

page 3

Quick Facts

page 4

Featured Articles and Inserts

The Department of Energy's Recommended Expansion of LNG Exports



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Highlights

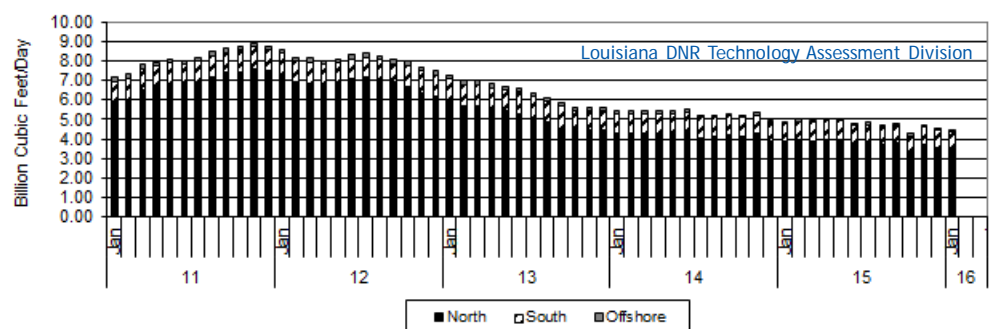
FEBRUARY 2016

The January 2016 average Louisiana spot market gas price was \$2.26 per MMBTU, which was 22% higher than the December 2015 average. The December 2015 average was only \$1.85 per MMBTU, the lowest price since November 2001. The increase can be attributed to the massive snowstorm that hit the Northeastern United States on January 23 and dumped over two feet of snow on Washington, D.C., Philadelphia, and New York. Prior to that weekend, the Northeastern United States experienced a very warm winter season. The storm increased the demand for natural gas, which then caused working natural gas in storage to decrease by 211 billion cubic feet (BCF), declining to 3,086 BCF as of Friday, January 22. However, the amount in storage is still high. The working natural gas-in-storage level is 21% above a year ago and 16% above the five-year (2011–2015) average for the week.

Louisiana Natural Gas & Casinghead Production*, Excluding Federal OCS

Month	(Billion Cubic Feet/Day)						% Change 14/15
	2010	2011	2012	2013	2014	2015	
January	4.84	7.13 ²	8.60 ²	7.28 ²	5.43 ²	4.89 ²	-10.01%
February	5.09	7.31 ²	8.16 ²	6.96 ²	5.44 ²	5.01 ²	-7.98%
March	5.33	7.80 ²	8.11 ²	6.98 ²	5.43 ²	4.94 ²	-9.10%
April	5.48	7.93 ²	8.01 ²	6.80 ²	5.45 ²	5.03 ²	-7.74%
May	5.64	8.10 ²	8.09 ²	6.71 ²	5.46 ²	5.04 ²	-7.64%
June	5.96	7.98 ²	8.32 ²	6.59 ²	5.49 ²	4.80 ²	-12.66%
July	6.15	8.16 ²	8.38 ²	6.34 ²	5.16 ²	4.82	-6.62%
August	6.29	8.46 ²	8.20 ²	6.12 ²	5.20 ²	4.72	-9.24%
September	6.49	8.62 ²	8.05 ²	5.82 ²	5.30 ²	4.77	-10.03%
October	6.45 ²	8.71 ²	7.98 ²	5.59 ²	5.23 ²	4.25 ¹	-18.74%
November	6.73 ²	8.88 ²	7.68 ²	5.61 ²	5.35 ²	4.71 ¹	-11.95%
December	6.99	8.74 ²	7.48 ²	5.62 ²	4.95 ²	4.54 ¹	-8.34%
Year Average	5.95²	8.15²	8.09²	6.37²	5.33²	4.79¹	-10.00%

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



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	AUG 15	JUL 15	JUN 15	AUG 14
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	46	45 ²	39 ²	41 ²
Natural Gas & Casinghead ^F (BCF)	108	105 ²	94 ²	99 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	292	292 ²	279 ²	274 ²
Natural Gas & Casinghead ^C (BCF)	2,326	2,335 ²	2,249 ²	2,219 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	237	227	219	232
U.S. Natural Gas ^C (BCF)	218	217	206	207
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	209	216	224	324
U.S. Oil ^A	673	649	634	1,578
U.S. Offshore ^A	34	31	28	62
U.S. Total ^A	883	866	861	1,904
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	38.21	46.33 ²	53.96	93.30
U.S. Imports Average ^C (F.O.B.)	37.17	45.53 ²	53.57 ²	89.28
U.S. Wellhead Average ^C	39.98	47.70	55.88	90.72
Gulf OCS Wellhead Average ^C	46.21	50.43	61.02	99.17
State Severance Wellhead Average ^E	58.69	59.02	59.26	105.27
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.57	4.65 ²	4.43 ²	5.49 ²
U.S. Imports Average ^C (F.O.B.)	2.74	2.66 ²	2.56	3.87
U.S. Spot Market Average ^D	2.75	2.71	2.67	3.80
State Royalty Wellhead Average	2.72	2.74 ²	2.70 ²	3.83 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.89	2.77	2.82	3.81

Key

Data Sources

1	Estimated	MCF	Thousand Cubic Feet
2	Revised	MMB	Million Barrels
BCF	Billion Cubic Feet	NA	Not Available
BTU	British Thermal Unit	OCS	Outer Continental Shelf
FO.B.	Free on Board	MMBTU	Million British Thermal Units

A	Oil & Gas Journal	D	Natural Gas Week
B	Wall Street Journal	E	LA Dept of Revenue
C	U. S. Dept. of Energy	F	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	
2011 Avg	97	17	22	2	138	27	165	839	1,876	38
2012 Avg	36	18	26	1	81	43	124	899	1,919	40
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
2013 Avg	24	20	15	2	61	47	108	835	1,761	42
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
2014 Avg	28	15	16	1	60	51	110	882	1,861	40
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	30	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	2	8	0	38	21	59	324	714	30
2015 Avg	28	5	11	0	44	33	77	430	977	37



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

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INSIDE

Highlights
page 1

**Louisiana Natural Gas
& Casinghead
Production**
page 1

Current Oil & Gas Data
page 2

**Louisiana and the
United States Active
Rig Counts**
page 3

Quick Facts
page 4

**Featured Articles
and Inserts**
[The Department of
Energy's Recommended
Expansion of LNG
Exports](#)

Quick Facts

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SPOT MARKET PRICES

	Jan 16	Dec 15	Jan 15
Louisiana Natural Gas ^D (\$/MMBTU)	2.26	1.85	3.01
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.37	2.21	3.19
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	32.82	38.88	48.81

BAKER HUGHES RIG COUNTS

	Dec 15	Nov 15	Dec 14
North Louisiana ^A	28	29	28
South Louisiana Inland Waters ^A	1	3	13
South Louisiana Inland ^A	8	6	18
Louisiana State Offshore	0	0	2
Louisiana Federal OCS Offshore	20	30	51
Total Louisiana ^A (OCS included)	59	67	112

PRODUCTION (State Jurisdiction Only)

	Dec 15	Nov 15	Dec 14
Louisiana Crude Oil & Condensate (MMB)	5.4 ¹	5.5 ¹	6.2 ²
Louisiana Natural Gas & Casinghead (BCF)	140.7 ¹	141.2 ¹	153.5 ²

DRILLING PERMITS (State Jurisdiction Only)

	Dec 15	Nov 15	Dec 14
Total Louisiana Oil and Gas	28	32	88
Louisiana Wildcats	1	0	3
Louisiana Offshore (Wildcats included)	0	0	0