

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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INSIDE

Highlights
page 1

**South Louisiana Sweet
Crude Oil Average Spot
Price at St. James**
page 1

Current Oil & Gas Data
page 2

**Louisiana Estimated
Crude Oil
Proved Reserves**
page 3

**Louisiana Estimated
Lease Condensate
Proved Reserves**
page 3

Quick Facts
page 4

**Featured Articles
and Inserts**

[Louisiana's Role in
LNG Exports](#)



Department of Natural Resources
Thomas Harris, Secretary

Technology Assessment Division
Paul Miller, Director
Manuel Lam, Senior Analyst

617 North Third Street
Baton Rouge, LA 70802

Tel. (225) 342-1270
Fax. (225) 242-1397
Email: techasmt@la.gov
www.dnr.louisiana.gov/tad

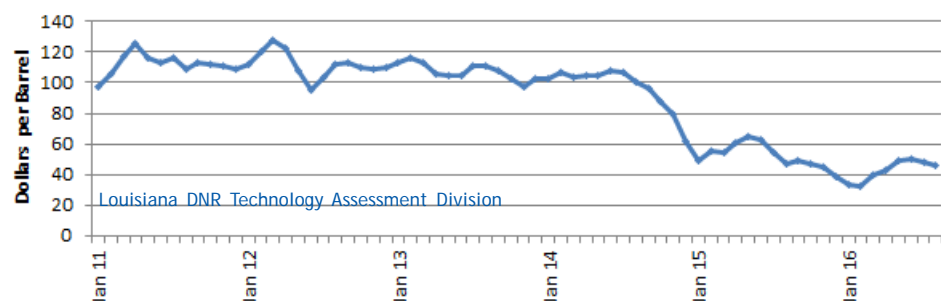
Highlights SEPTEMBER 2016

Louisiana's natural gas spot price averaged \$2.76 per MMBTU in August. The September 2016 settlement price for NYMEX Natural Gas at Henry Hub was \$2.85 per MMBTU, 18 cents higher than the August 2016 gas settlement price and 11% higher than the September 2015 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 3,359 billion cubic foot (BCF) as of Friday August 19, 2016, which is 8.9% higher than last year's inventory for the same period and 11.7% higher than the five-year average inventory.

Light Louisiana Sweet Crude Oil Average Spot Price at St. James

Month	(Dollars per Barrel)						% Change	
	2011	2012	2013	2014	2015	2016	14/15	15/16
January	97.83	111.81	112.73	102.79	48.81	32.82		-32.76%
February	106.21	120.45	116.30	106.36	55.28	32.48		-41.24%
March	117.41	127.39	112.82	104.13	54.38	40.11		-26.24%
April	126.03	122.51	105.42	104.15	60.67	42.73		-29.57%
May	116.44	108.00	104.27	104.27	64.96	48.70		-25.03%
June	113.24	94.90	104.19	108.22	63.23	50.59		-19.99%
July	115.86	103.49	110.52	106.41	54.69	46.41		-15.14%
August	109.29	111.77	110.95	100.13	47.07	45.95		-2.38%
September	112.67	112.99	108.17	96.30	48.64		-49.49%	
October	111.82	110.24	102.85	87.60	47.38		-45.91%	
November	111.41	108.51	97.18	79.64	44.36		-44.30%	
December	108.62	109.47	102.79	61.90	38.88		-37.19%	
Year Average	112.24	111.79	107.35	96.83	52.36	42.47 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAR 16	FEB 16	JAN 16	MAR 15
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	43	39	46	40
Natural Gas & Casinghead (BCF)	94	87	95	86
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	284	266	285	299 ²
Natural Gas & Casinghead ^C (BCF)	2,295	2,183	2,296	2,291 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	249	229	238	235
U.S. Natural Gas ^C (BCF)	240	251	273	257
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	93	102	139	250
U.S. Oil ^A	384	430	515	857
U.S. Offshore ^A	27	26	27	43
U.S. Total ^A	477	532	654	1,109
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	31.23	27.01	25.02	45.54 ²
U.S. Imports Average ^C (F.O.B.)	29.66	24.68	23.56	43.64 ²
U.S. Wellhead Average ^C	31.87	25.51	27.02	42.66
Gulf OCS Wellhead Average ^C	30.14	26.75	30.54	47.12
State Severance Wellhead Average ^E	31.84	38.11	38.22	55.63
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.45	3.46	3.38	4.35 ²
U.S. Imports Average ^C (F.O.B.)	1.72	2.43	2.80	3.90
U.S. Spot Market Average ^D	1.65	2.10	2.54	3.27
State Royalty Wellhead Average	1.59	1.91	2.20	2.73 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	1.71	2.19	2.37	2.89

Key

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

Data Sources

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 Estimated Crude Oil Proved Reserves^C, Excluding Lease Condensate

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

(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1997	136	427	151	2,587	3,301	22,546
1998	101	357	97	2,483	3,038	21,034
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	4,438	4,855	26,544
2012	100	300	63	4,504	4,967	30,529
2013	120	328	55	4,503	5,006	33,371
2014	118	349	67	4,244	4,778	36,385

Louisiana Estimated Lease Condensate Proved Reserves^C

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

(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1997	30	134	12	433	609	1,341
1998	23	138	16	435	612	1,336
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



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

P. O. Box 94396

Baton Rouge, LA 70804-9396

INSIDE

Highlights
page 1

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page 1

Current Oil & Gas Data
page 2

Louisiana Estimated Crude Oil Proved Reserves
page 3

Louisiana Estimated Lease Condensate Proved Reserves
page 3

Quick Facts
page 4

Featured Articles and Inserts
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Quick Facts

SEPTEMBER 2016

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Aug 16	Jul 16	Aug 15
Louisiana Natural Gas ^D (\$/MMBTU)	2.76	2.74	2.75 ²
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.67	2.92	2.89
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	46.33	46.41 ²	47.07

BAKER HUGHES RIG COUNTS

	Jul 16	Jun 16	Jul 15
North Louisiana ^A	16	15	25
South Louisiana Inland Waters ^A	4	4	4
South Louisiana Inland ^A	6	6	13
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	19	20	31
Total Louisiana ^A (OCS included)	44	45	74

PRODUCTION (State Jurisdiction Only)

	Jul 16	Jun 16	Jul 15
Louisiana Crude Oil & Condensate (MMB)	4.8 ¹	4.8 ¹	5.2 ²
Louisiana Natural Gas & Casinghead (BCF)	137.5 ¹	139.5 ¹	147.7 ²

DRILLING PERMITS (State Jurisdiction Only)

	Jul 16	Jun 16	Jul 15
Total Louisiana Oil and Gas	52	35	77
Louisiana Wildcats	1	1	2 ²
Louisiana Offshore (Wildcats included)	0	0	0