

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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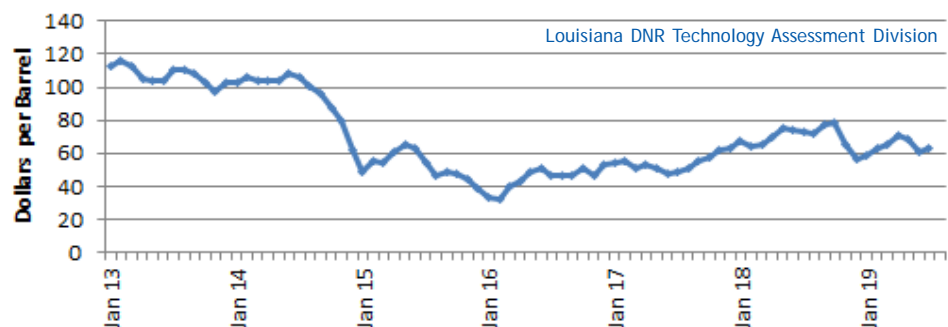
Highlights SEPTEMBER 2019

Louisiana's natural gas spot price averaged \$2.75 per MMBTU in August. The September 2019 NYMEX Natural Gas at Henry Hub settlement price was \$2.232 per MMBTU, 7 cents higher than the August 2019 gas settlement price and 22.9% lower than the September 2018 gas settlement price. Price decreases reflected cooler-than-normal temperatures nationally in August, which led to decreased demand from the electric power sector. The U.S. Energy Information Administration (EIA) reported the working gas in storage was 2,857 billion cubic foot (BCF) as of Friday August 23, 2019, which represents an increase of 14.6% from last year's inventory for the same period and 3.4% lower than the five-year average inventory.

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

Month	(Dollars per Barrel)						% Change	
	2014	2015	2016	2017	2018	2019	17/18	18/19
January	102.79	48.81	32.82	54.04	67.75	58.24		-14.04%
February	106.36	55.28	32.48	55.14	64.48	63.18		-2.02%
March	104.13	54.38	40.11	51.36	65.15	65.79		0.98%
April	104.15	60.67	42.73	53.14	69.46	70.45		1.43%
May	104.27	64.96	48.70	50.57	75.27	68.98		-8.36%
June	108.22	63.23	50.59	47.21	74.58	61.30		-17.81%
July	106.41	54.69	46.41	49.00	72.77	62.87		-13.60%
August	100.13	47.07	46.33	51.07	71.92	58.44		-18.74%
September	96.30	48.64	46.84	54.89	77.57		41.32%	
October	87.60	47.38	51.36	57.44	78.87		37.31%	
November	79.64	44.36	46.72	62.38	64.76		3.82%	
December	61.90	38.88	53.53	63.34	56.01		-11.57%	
Year Average	96.83	52.36	44.89	54.13	69.88	63.66 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAR 19	FEB 19	JAN 19	MAR 18
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	57	46	57	50 ²
Natural Gas & Casinghead (BCF)	86	72	85	75 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	369	327	368	324 ²
Natural Gas & Casinghead ^C (BCF)	3,004	2,697 ²	2,954	2,651 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	209	186	233	210 ²
U.S. Natural Gas ^C (BCF)	253	233	291 ²	271 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	193	195	199	188
U.S. Oil ^A	830	853	866	801
U.S. Offshore ^A	22	20	21	13
U.S. Total ^A	1,023	1,048 ²	1,065 ²	989 ²
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	65.95	63.09	55.22	60.90
U.S. Imports Average ^C (F.O.B.)	57.54	54.14	48.72	53.35
U.S. Wellhead Average ^C	57.47	52.51	47.85	60.68
Gulf OCS Wellhead Average ^C	61.22	56.33	54.13	60.85
State Severance Wellhead Average ^E	61.25	62.39	61.83	69.69 ²
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.01	3.84	4.02	3.71
U.S. Imports Average ^C (F.O.B.)	3.79	4.06	4.30	2.45
U.S. Spot Market Average ^D	3.29	3.40	3.46	2.52 ²
State Royalty Wellhead Average	2.75	2.71	3.19 ²	2.59 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.86	2.95	3.64	2.64

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)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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	4,626	4,855	26,544
2012	100	300	63	4,807	4,967	30,529
2013	120	328	55	4,811	5,006	33,371
2014	118	349	67	4,531	4,778	36,385
2015	89	276	59	4,082	4,249	32,318
2016	71	283	54	3,983	4,391	32,773
2017	85	275	58	4,464	4,882	39,160

Louisiana Estimated Lease Condensate Proved Reserves^C

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

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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
2015	46	59	5	122	232	2,912
2016	32	50	4	149	241	2,440
2017	45	48	5	155	253	2,830



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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SEPTEMBER 2019

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Aug 19	Jul 19	Aug 18
Louisiana Natural Gas ^D (\$/MMBTU)	1.96	2.24 ²	2.83 ²
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.18	2.31	2.94
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	58.44	62.87	72.59

BAKER HUGHES RIG COUNTS

	Jul 19	Jun 19	Jul 18
North Louisiana ^A	35	36	33
South Louisiana Inland Waters ^A	2	4	4
South Louisiana Inland ^A	8	7	4
Louisiana State Offshore	1	1	0
Louisiana Federal OCS Offshore	23	22	17
Total Louisiana ^A (OCS included)	66	70	58

PRODUCTION (State Jurisdiction Only)

	Jul 19	Jun 19	Jul 18
Louisiana Crude Oil & Condensate (MMB)	4.4 ¹	4.3 ¹	4.1 ²
Louisiana Natural Gas & Casinghead (BCF)	238.6 ¹	232.9 ¹	233.0 ²

DRILLING PERMITS (State Jurisdiction Only)

	Jul 19	Jun 19	Jul 18
Total Louisiana Oil and Gas	60	64	70
Louisiana Wildcats	0	1	2
Louisiana Offshore (Wildcats included)	0	0	0