

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Department of Natural
Resources

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Highlights

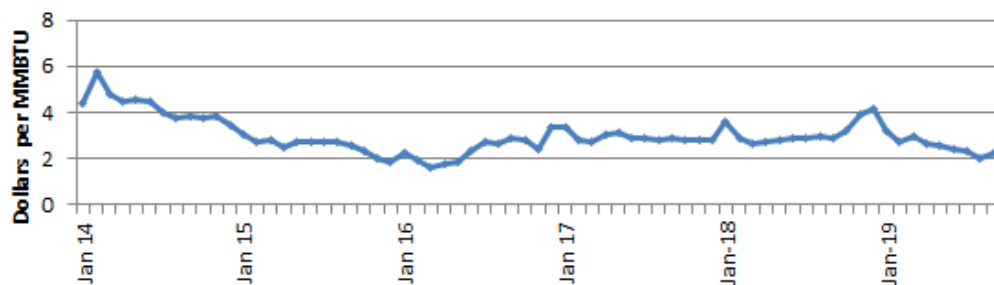
OCTOBER 2019

The West Texas Intermediate (WTI) August crude price average was \$54.84 per barrel. Prices have remained in the same general area since then, with a spike happening on the attack on the Saudi Arabian oil facilities, but quickly reverted to previous levels. Crude oil production in the United States have also leveled off. In June, 2019, the United States averaged 12.1 million barrels per day, with the Gulf of Mexico producing 1.9 million barrels per day. Compared with May, these daily average production numbers were similar, with a change in average production of 0.3% and 0.1% respectively. The WTI July crude price average was \$57.54 per barrel.

Louisiana Natural Gas Average Spot Prices

Month	(Dollars per MMBTU)						% Change	
	2014	2015	2016	2017	2018	2019	17/18	18/19
January	4.43	3.01	2.26	3.38	3.48	3.21		-7.58%
February	5.73	2.74	1.93	2.84	2.79	2.74		-1.64%
March	4.76	2.80	1.64	2.69	2.57	2.99		16.43%
April	4.51	2.53	1.81	3.01	2.63	2.61		-0.89%
May	4.54	2.69	1.83	3.15	2.66	2.57		-3.30%
June	4.51	2.70	2.29	2.87	2.81	2.38		-15.21%
July	4.01	2.76	2.74	2.87	2.75	2.33		-15.32%
August	3.79	2.75	2.68	2.82	2.83	2.03		-28.25%
September	3.87	2.58	2.86	2.86	2.81	2.25		-19.94%
October	3.78	2.35	2.84	2.81	3.11		10.88%	
November	3.88	2.01	2.42	2.83	3.75		32.59%	
December	3.47	1.85	3.39	2.79	3.99		42.92%	
Year Average	4.27	2.56	2.39	2.91	3.01	2.57 **		

** Partial Year



Louisiana DNR Technology Assessment Division

Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	APR 19	MAR 19	FEB 19	APR 18
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	57	57	46	46 ²
Natural Gas & Casinghead (BCF)	84	86	72	69 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	364	369	327	315 ²
Natural Gas & Casinghead ^C (BCF)	2,923	3,005 ²	2,697	2,598 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	211	210	186	248
U.S. Natural Gas ^C (BCF)	207	253	233	242 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	189	193	195	193
U.S. Oil ^A	824	830	853	818 ²
U.S. Offshore ^A	19	19	19	16
U.S. Total ^A	1,026	1,000	969	1,011 ²
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	70.54	65.95	63.09	66.09 ²
U.S. Imports Average ^C (F.O.B.)	61.31	57.54	54.14	58.56 ²
U.S. Wellhead Average ^C	63.01	57.47	52.51	63.50
Gulf OCS Wellhead Average ^C	66.35	61.22	56.33	62.81
State Severance Wellhead Average ^E	58.01	61.25	62.39	64.06 ²
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.69	4.01	3.84	3.64 ²
U.S. Imports Average ^C (F.O.B.)	2.14	3.79	4.06	2.20
U.S. Spot Market Average ^D	2.27	3.29	3.40	2.60
State Royalty Wellhead Average	2.54	2.75	2.71	2.67
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.71	2.86	2.95	2.69 ²

Key				Data Sources			
1	Estimated	MCF	Thousand Cubic Feet	A	Oil & Gas Journal	D	Natural Gas Week
2	Revised	MMB	Million Barrels	B	Wall Street Journal	E	LA Dept of Revenue
BCF	Billion Cubic Feet	NA	Not Available	C	U. S. Dept. of Energy	F	BOEM
BTU	British Thermal Unit	OCS	Outer Continental Shelf	Note: Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.			
FO.B.	Free on Board	MMBTU	Million British Thermal Units				

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 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
2001	3,881	5,185	745	19,721 ^c	29,532 ^c	183,460
2002	4,245	4,224	491	18,500 ^c	27,460 ^c	186,946
2003	5,074	3,746	506	16,728 ^c	26,054 ^c	189,044
2004	5,770	3,436	382	14,685 ^c	24,273 ^c	192,513
2005	6,695	3,334	418	13,665 ^c	24,112 ^c	204,385
2006	6,715	3,335	424	11,824 ^c	22,298 ^c	211,085
2007	6,344	3,323	378	11,090 ^c	21,135 ^c	237,726
2008	7,876	2,799	898	10,450 ^c	22,023 ^c	244,656
2009	17,146	2,844	701	9,362 ^c	30,053 ^c	272,509
2010	26,030	2,876	371	8,896 ^c	38,173 ^c	304,625
2011	27,337	2,519	502	8,156 ^c	38,514 ^c	334,067
2012	18,418	3,029	502	7,291 ^c	29,240 ^c	308,036
2013	17,044	2,718	402	6,482 ^c	26,646 ^c	328,264
2014	19,722	2,926	327	6,890 ^c	29,865 ^c	368,704
2015	13,593	2,279	225	5,909 ^c	22,006 ^c	307,730
2016	15,620	1,862	334	5,338 ^c	23,296 ^c	322,234
2017	33,805	2,092	222	5,372 ^c	41,491 ^c	438,460

^c 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
2001	35	128	41	460 ^c	664 ^c	6,595
2002	30	119	37	483 ^c	669 ^c	6,648
2003	48	100	35	347 ^c	530 ^c	6,244
2004	53	87	27	410 ^c	577 ^c	6,707
2005	57	103	31	407 ^c	598 ^c	6,903
2006	60	94	22	390 ^c	566 ^c	7,133
2007	69	97	25	365 ^c	556 ^c	7,648
2008	68	78	55	313 ^c	514 ^c	7,842
2009	98	90	43	301 ^c	532 ^c	8,557
2010	79	113	24	340 ^c	556 ^c	9,809
2011	54	94	44	354 ^c	546 ^c	10,825
2012	35	134	20	369 ^c	558 ^c	10,777
2013	52	144	16	292 ^c	504 ^c	11,943
2014	83	145	15	367 ^c	610 ^c	15,029
2015	75	127	16	292 ^c	510 ^c	12,757
2016	83	96	18	384 ^c	581 ^c	18,899
2017	176	90	15	384 ^c	665 ^c	19,243

^c Includes Federal Offshore Alabama



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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	Sep 19	Aug 19	Sep 18
SPOT MARKET PRICES			
Louisiana Natural Gas ^D (\$/MMBTU)	2.16	1.96	2.81 ²
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.54	2.18	2.97 ²
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	61.10	58.44	77.57
BAKER HUGHES RIG COUNTS			
	Aug 19	Jul 19	Aug 18
North Louisiana ^A	32	33	34
South Louisiana Inland Waters ^A	1	2	2
South Louisiana Inland ^A	4	7	6
Louisiana State Offshore	0	1	0
Louisiana Federal OCS Offshore	24	23	15
Total Louisiana ^A (OCS included)	61	66	56
PRODUCTION (State Jurisdiction Only)			
	Aug 19	Jul 19	Aug 18
Louisiana Crude Oil & Condensate (MMB)	3.7 ¹	3.7 ¹	3.9 ²
Louisiana Natural Gas & Casinghead (BCF)	272.4 ¹	267.8 ¹	240.0 ²
DRILLING PERMITS (State Jurisdiction Only)			
	Aug 19	Jul 19	Aug 18
Total Louisiana Oil and Gas	48	60	66
Louisiana Wildcats	1	0	2
Louisiana Offshore (Wildcats included)	3	0	0