

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Highlights

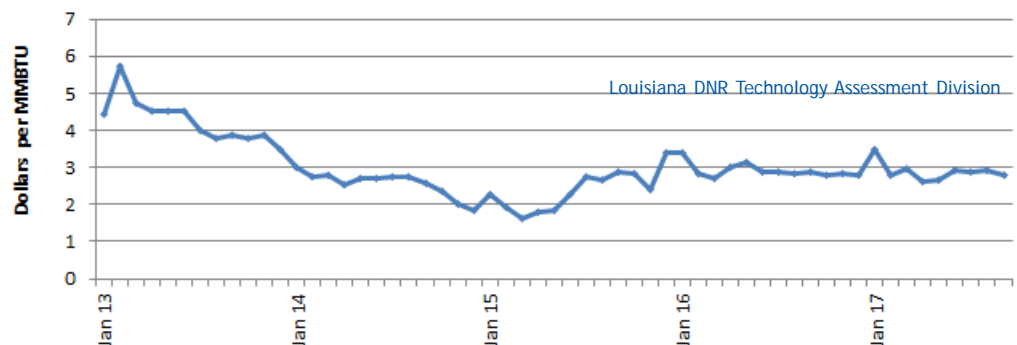
OCTOBER 2018

The West Texas Intermediate (WTI) August crude price average was \$68.06 per barrel. The oil price has seen a rise since August, with much of that due to the reimposed sanctions on Iran, restraining the overall supply on the global market. Crude oil production in the United States continues to increase. In June 2018, the United States averaged 10.7 million barrels per day, with the Gulf of Mexico producing 1.6 million barrels per day. Compared with May, these daily average production numbers represent increases of 2.2% and 10.0% respectively. The WTI July crude price average was \$70.98 per barrel.

Louisiana Natural Gas Average Spot Prices

Month	(Dollars per MMBTU)						% Change	
	2013	2014	2015	2016	2017	2018	16/17	17/18
January	3.32	4.43	3.01	2.26	3.38	3.48		2.91%
February	3.24	5.73	2.74	1.93	2.84	2.79		-1.98%
March	3.64	4.76	2.80	1.64	2.69	2.96		10.14%
April	4.08	4.51	2.53	1.81	3.01	2.63		-12.82%
May	4.02	4.54	2.69	1.83	3.15	2.65		-15.85%
June	3.89	4.51	2.70	2.29	2.87	2.93		2.23%
July	3.61	4.01	2.76	2.74	2.87	2.89		0.70%
August	3.35	3.79	2.75	2.68	2.82	2.91		3.26%
September	3.54	3.87	2.58	2.86	2.86	2.80		-2.32%
October	3.60	3.78	2.35	2.84	2.81		-1.29%	
November	3.51	3.88	2.01	2.42	2.83		17.00%	
December	4.05	3.47	1.85	3.39	2.79		-17.64%	
Year Average	3.65	4.27	2.56	2.39	2.91	2.89 **		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	APR 18	MAR 18	FEB 18	APR 17
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	45	49	45 ²	49 ²
Natural Gas & Casinghead (BCF)	68	74	66	87
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	314	324	287	273 ²
Natural Gas & Casinghead ^C (BCF)	2,392	2,464 ²	2,203	2,150 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	248	236	210 ²	244
U.S. Natural Gas ^C (BCF)	244	274	241	238
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	193	188	180	166
U.S. Oil ^A	817	799 ²	788	685
U.S. Offshore ^A	16	13	18 ²	20
U.S. Total ^A	1,026	1,000 ²	969 ²	853
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	66.99	63.56 ²	62.93 ²	48.47 ²
U.S. Imports Average ^C (F.O.B.)	60.61	56.32 ²	56.73 ²	46.00 ²
U.S. Wellhead Average ^C	63.50	60.68	61.20	47.23
Gulf OCS Wellhead Average ^C	62.81	60.85	62.60 ²	46.63
State Severance Wellhead Average ^E	67.88	64.04 ²	56.34	50.97
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.62	3.71	3.98 ²	4.19 ²
U.S. Imports Average ^C (F.O.B.)	2.20	2.45	3.01	2.64
U.S. Spot Market Average ^D	2.60	2.56	3.05	3.01
State Royalty Wellhead Average	2.67	2.62	2.96	3.19 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.82	2.69 ²	3.63	3.18

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.

To request notification of when the **Louisiana Energy Facts** is available online, contact us at techasmt@la.gov with your name, title, company name, email address, and phone number. Please specify that you would like to be added to our email notification database for an electronic subscription.

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
2000	3,298	5,245	696	19,788 ^c	29,027 ^c	177,427
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	15,762	1,862	334	5,338 ^c	23,296 ^c	322,234

^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
2000	35	178	28	487 ^c	728 ^c	6,873
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

^c Includes Federal Offshore Alabama



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

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SPOT MARKET PRICES

	Sep 18	Aug 18	Sep 17
Louisiana Natural Gas ^D (\$/MMBTU)	2.80	2.91 ²	2.86
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.90	2.82 ²	2.86
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	77.57	72.59	54.89 ²

BAKER HUGHES RIG COUNTS

	Aug 18	Jul 18	Aug 17
North Louisiana ^A	34	33	43
South Louisiana Inland Waters ^A	2	4	3
South Louisiana Inland ^A	6	4	4
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	15	16 ²	16
Total Louisiana ^A (OCS included)	56	54 ²	66

PRODUCTION (State Jurisdiction Only)

	Aug 18	Jul 18	Aug 17
Louisiana Crude Oil & Condensate (MMB)	4.6 ¹	4.6 ¹	4.4 ¹
Louisiana Natural Gas & Casinghead (BCF)	228.7 ¹	226.6 ¹	184.4 ¹

DRILLING PERMITS (State Jurisdiction Only)

	Aug 18	Jul 18	Aug 17
Total Louisiana Oil and Gas	66	70	68
Louisiana Wildcats	2	2	0
Louisiana Offshore (Wildcats included)	0	0	0