

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

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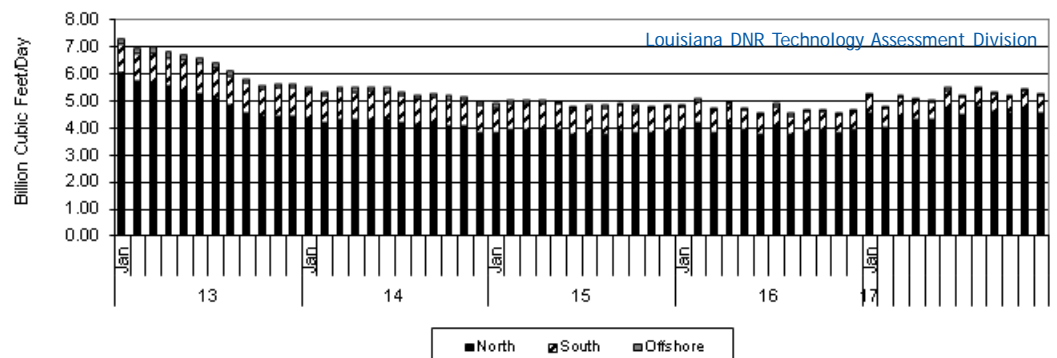
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Highlights FEBRUARY 2018

The January 2018 average Louisiana spot market gas price was \$3.85 per MMBTU, which was 37.5% higher than the December 2017 average of \$2.80 per MMBTU. The increase can be attributed to the colder than expected winter that the United States, and in particular, the northeastern United States, has experienced. Overall, U.S. natural gas storage is 19.3% below what it was a year-ago, and 16.2% under the five-year average (according to the January 26, 2018 EIA Working Gas in Underground Storage). Prices maintained the \$3.00 level for the majority of 2017, while increasing the LNG exports throughout the world.

Louisiana Natural Gas & Casinghead Production*, Excluding Federal OCS

Month	(Billion Cubic Feet/Day)						% Change 16/17
	2012	2013	2014	2015	2016	2017	
January	8.61	7.26	5.51	4.86	4.84	5.24 ²	8.35%
February	8.47	6.93	5.32 ²	4.99	5.05 ²	4.74 ²	-6.09%
March	8.12	6.94	5.50	4.99	4.72 ²	5.17 ²	9.56%
April	8.03	6.76	5.47	5.02	4.94 ²	5.05 ²	2.12%
May	8.11	6.68	5.51	4.97	4.72 ²	5.03 ²	6.58%
June	8.33	6.54	5.45	4.80 ²	4.57	5.46 ²	19.58%
July	8.39	6.38	5.29	4.82	4.86 ²	5.21	7.10%
August	8.21	6.10	5.19	4.81	4.51	5.48	21.59%
September	8.06	5.80	5.27	4.91	4.68 ²	5.33	14.01%
October	7.99	5.56	5.16	4.81	4.66 ²	5.22 ¹	11.82%
November	7.69	5.59	5.11	4.79	4.56 ²	5.43 ¹	19.10%
December	7.49	5.62	4.93	4.84	4.68	5.25 ¹	12.02%
Year Average	8.12	6.35	5.31²	4.88²	4.73²	5.22¹	10.24%



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	AUG 17	JUL 17	JUN 17	AUG16
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	51	51 ²	46 ²	43 ²
Natural Gas & Casinghead ^F (BCF)	83	86 ²	80 ²	85 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	285	285	272	270 ²
Natural Gas & Casinghead ^C (BCF)	2,280	2,277 ²	2,180 ²	2,242
IMPORTS				
U.S. Crude Oil ^C (MMB)	244	242 ²	240	249
U.S. Natural Gas ^C (BCF)	248	250 ²	240	261
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	183	189	184	82
U.S. Oil ^A	764	765	747	397
U.S. Offshore ^A	17	22	22 ²	17
U.S. Total ^A	964	976	953 ²	496 ²
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	48.32	45.40	43.52	40.44 ²
U.S. Imports Average ^C (F.O.B.)	46.92	44.70 ²	43.82 ²	40.40 ²
U.S. Wellhead Average ^C	44.96	43.42	42.19	40.46
Gulf OCS Wellhead Average ^C	41.29	42.54 ²	43.64 ²	41.29
State Severance Wellhead Average ^E	43.15	45.82	45.23 ²	36.54
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.57	4.66 ²	4.79 ²	4.33 ²
U.S. Imports Average ^C (F.O.B.)	2.38	2.40	2.62	2.42
U.S. Spot Market Average ^D	2.98	3.08 ²	3.06 ²	2.90 ²
State Royalty Wellhead Average	2.88	2.92	2.93 ²	2.63
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.97	3.07	3.24	2.67

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	
2013 Avg	24	20	15	2	61	47	108	835	1,761	42
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	29	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	1	8	0	38	21	59	324	714	30
2015 Avg	28	5	11	0	44	33	77	430	977	37
January	24	1	7	0	32	23	55	301	654	30
February	18	1	5	0	24	23	47	244	532	28
March	17	3	5	0	25	24	49	216	477	32
April	15	4	5	0	24	23	47	193	437	29
May	15	4	4	0	23	22	45	179	407	30
June	15	4	6	0	25	20	45	185	417	28
July	16	4	6	0	26	19	44	206	449	32
August	15	4	7	0	26	16	42	231	481	29
September	15	4	4	0	23	17	40	244	509	27
October	17	2	6	0	25	21	46	250	543	19
November	22	2	6	0	30	21	51	271	580	27
December	23	1	3	1	28	20	48	310	634	29
2016 Avg	18	3	5	0	26	21	47	236	510	28
January	24	1	5	1	31	21	52	336	683	24
February	28	3	3	1	35	16	51	370	744	30
March	30	4	2	1	38	17	55	399	789	23
April	33	3	3	1	40	19	59	425	853	25
May	37	4	2	0	43	20	63	453	893	29
June	39	4	1	0	44	21	65	461	931	26
July	43	3	2	0	48	22	70	464	953	26
August	43	3	4	0	50	16	66	460	947	32
September	42	4	3	0	48	17	65	453	940	26
October	42	1	2	0	45	19	64	442	922	23
November	39	1	3	0	43	18	61	446	911	19
December	39	2	4	0	45	17	62	456	930	23
2017 Avg	37	3	3	0	43	19	61	430	875	26



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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SPOT MARKET PRICES

	Jan 18	Dec 17	Jan 17
Louisiana Natural Gas ^D (\$/MMBTU)	3.44	2.67	3.38 ²
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.73	3.07	3.93
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	67.80	63.34	54.04

BAKER HUGHES RIG COUNTS

	Dec 17	Nov 17	Dec 16
North Louisiana ^A	39	39	23
South Louisiana Inland Waters ^A	2	1	1
South Louisiana Inland ^A	3	6	3
Louisiana State Offshore	4	3	1
Louisiana Federal OCS Offshore	17	18	20
Total Louisiana ^A (OCS included)	62	60	48

PRODUCTION (State Jurisdiction Only)

	Dec 17	Nov 17	Dec 16
Louisiana Crude Oil & Condensate (MMB)	3.6 ¹	3.7 ¹	4.1 ²
Louisiana Natural Gas & Casinghead (BCF)	158.8 ¹	159.0 ¹	141.0

DRILLING PERMITS (State Jurisdiction Only)

	Dec 17	Nov 17	Dec 16
Total Louisiana Oil and Gas	43	72	32 ²
Louisiana Wildcats	0	0	1
Louisiana Offshore (Wildcats included)	0	0	0