

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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JUNE 2016

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[The Clean Power Plan
\(August 3, 2015\)](#)



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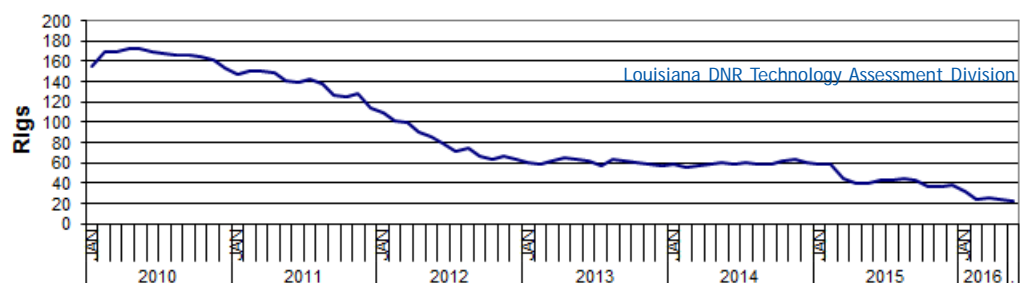
Highlights

The natural gas NYMEX June contract price closed at \$1.96/MMBTU. It was 6.4% lower than the previous month and \$0.85, or 30.3%, lower than the June 2015 contract price. The low price is due to the steadily rising amount of gas in storage and the low winter demand. Working gas in storage was 2,825 BCF as of Friday, May 20, 2016, according to EIA estimates. This represents a net increase of 71 BCF from the previous week. Stocks were 756 BCF higher than last year at this time and 769 BCF above the five-year average of 2,056 BCF. At 2,825 BCF, total working gas is above the five-year historical range. The May 2016 Baker Hughes Report showed gas-directed rigs in the U.S. were down by two, bringing the total to 86 from the previous month, 43.5% lower than in May 2015. Fewer rigs and less drilling activity are starting to impact production and are expected to impact future storage build up.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month	(Monthly Average)						% Change	
	2011	2012	2013	2014	2015	2016	14/15	15/16
January	148	110	60	59	59	32		-45.95%
February	151	102	59	56	59	24		-59.75%
March	151	99	61	58	45	25		-44.69%
April	149	90	64	59	40	24		-40.13%
May	141	85	64	60	40		-33.44%	
June	140	80	62	59	43		-26.81%	
July	142	71	57	60	43		-27.97%	
August	138	74	63	58	45		-22.68%	
September	127	67	62	59	42		-28.69%	
October	126	63	61	62	37		-40.13%	
November	128	66	59	64	37		-41.96%	
December	114	63	57	61	38		-38.27%	
Year Average	138	81	61	60	44	26*		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	DEC 15	NOV 15	OCT 15	DEC 14
GOM CENTRAL FEDERAL OFFSHORE^F (OCS)				
Crude Oil & Condensate (MMB)	46	42	46	41
Natural Gas & Casinghead (BCF)	97	91	101	96
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	287	279	291	292
Natural Gas & Casinghead ^C (BCF)	2,289	2,227	2,303	2,276 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	245	221	221	224 ²
U.S. Natural Gas ^C (BCF)	227	218	226	254
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	174 #	194	193	342
U.S. Oil ^A	537	566	597	1,539
U.S. Offshore ^A	24	31	33	59
U.S. Total ^A	714	760	791	1,882
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	29.23	33.98	39.33	52.49
U.S. Imports Average ^C (F.O.B.)	28.18	33.59	37.21	50.01
U.S. Wellhead Average ^C	32.26	38.19 ²	42.33	54.86
Gulf OCS Wellhead Average ^C	35.88	39.94	43.54	66.27
State Severance Wellhead Average ^E	59.34	51.62	37.61	90.38 ²
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.76	3.68	4.00	5.15 ²
U.S. Imports Average ^C (F.O.B.)	2.28	2.40	3.23	4.44
U.S. Spot Market Average ^D	1.96	2.14	2.41	3.78
State Royalty Wellhead Average	1.86	1.96	2.30	3.69 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.21	2.03	2.56	4.28

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 Non-Agricultural Employment^F

Louisiana DNR Technology Assessment Division

<u>Year</u>	<u>Oil & Gas Production</u>	<u>Chemical Industry</u>	<u>Oil Refining</u>	<u>Pipelines</u>	<u>Total Employment</u>
1975	59,950	26,419	10,570	950 *	1,336,000
1976	62,678	28,904	10,499	900 *	1,285,500
1977	64,032	30,446	10,678	900 *	1,444,600
1978	70,678	31,627	11,599	1,000 *	1,509,100
1979	74,017	31,831	12,608	1,100 *	1,554,370
1980	85,778	33,490	13,287	1,200 *	1,599,600
1981	94,772	32,711	16,314	1,200 *	1,627,796
1982	92,225	33,984	13,111	1,033 *	1,571,017
1983	77,283	30,272	13,140	1,282 *	1,531,480
1984	78,032	29,104	13,053	1,247 *	1,568,064
1985	77,781	28,093	12,458	1,144 *	1,550,443
1986	58,888	25,998	12,233	1,168 *	1,475,318
1987	52,117	25,345	12,225	1,051 *	1,438,793
1988	54,565	26,957	11,258	1,039 *	1,468,508
1989	52,556	28,146	11,325	1,016 *	1,494,181
1990	54,063	29,083	11,535	1,041 *	1,546,820
1991	54,412	29,412	12,268	1,073 *	1,567,139
1992	45,869	30,349	12,543	1,095 *	1,583,423
1993	44,422	30,419	12,728	1,078 *	1,613,577
1994	44,885	30,014	13,037	1,014 *	1,671,087
1995	44,279	30,168	11,603	932 *	1,721,651
1996	46,885	30,096	11,262	789 *	1,757,710
1997	51,559	29,935	11,038	792 *	1,797,225
1998	54,766	30,315	10,939	702 *	1,838,319
1999	44,684	28,877	11,070	693 *	1,847,841
2000	45,714	28,335	10,345	724 *	1,872,494
2001	47,009	27,337	10,643	2,417	1,868,902
2002	43,839	25,694	10,566	2,306	1,848,656
2003	42,339	24,558	10,395	2,334	1,851,570
2004	40,249	23,516	9,958	2,122	1,866,870
2005	41,179	23,269	10,240	2,179	1,843,237
2006	44,394	22,188	10,310	2,347	1,810,667
2007	46,764	22,612	10,764	2,454	1,869,965
2008	50,541	22,788	11,287	2,553	1,889,576
2009	46,956	22,478	11,363	2,456	1,849,395
2010	47,916	22,533	11,423	2,667	1,833,888
2011	49,239	23,141	11,163	2,771	1,844,578
2012	50,963	23,029	11,276	2,862	1,868,317
2013	50,221 ²	23,299 ²	11,561 ²	2,853 ²	1,890,051 ²
2014	50,064 ²	24,062 ²	11,959 ²	2,977 ²	1,920,125 ²
2015	44,696 ¹	24,925 ¹	12,020 ¹	3,143 ¹	1,925,776 ¹

^F Louisiana Workforce Commission

* Natural Gas Pipeline data was excluded



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SPOT MARKET PRICES

	May 16	Apr 16	May 15
Louisiana Natural Gas ^D (\$/MMBTU)	1.90	1.81 ²	2.69
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.00	1.90	2.52
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	48.70	42.73	64.96

BAKER HUGHES RIG COUNTS

	Apr 16	Mar 16	Apr 15
North Louisiana ^A	15	17	26
South Louisiana Inland Waters ^A	4	3	4
South Louisiana Inland ^A	5	5	10
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	23	24	30
Total Louisiana ^A (OCS included)	47	49	70

PRODUCTION (State Jurisdiction Only)

	Apr 16	Mar 16	Apr 15
Louisiana Crude Oil & Condensate (MMB)	4.9 ¹	5.0 ¹	5.3 ²
Louisiana Natural Gas & Casinghead (BCF)	140.6 ¹	143.4 ¹	148.8 ²

DRILLING PERMITS (State Jurisdiction Only)

	Apr 16	Mar 16	Apr 15
Total Louisiana Oil and Gas	32	19	53
Louisiana Wildcats	2	1	4
Louisiana Offshore (Wildcats included)	0	0	0