

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

INSIDE

Highlights
page 1

Louisiana Average Active Rigs in Areas Under State Jurisdiction
page 1

Current Oil & Gas Data
page 2

Louisiana Non-Agricultural Employment
page 3

Quick Facts
page 4

Featured Articles and Inserts
[Non-Transmission Alternatives](#)



Department of Natural Resources

Thomas Harris, Secretary

Technology Assessment Division

Paul Miller, Director
Manuel Lam, Senior Analyst

617 North Third Street
Baton Rouge, LA 70802

Tel. (225) 342-1270
Fax. (225) 242-1397
Email: techasmt@la.gov
www.dnr.louisiana.gov/tad

Highlights

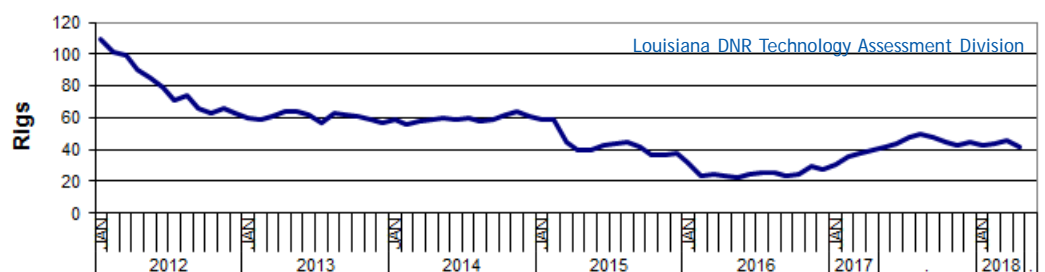
JUNE 2018

Natural Gas NYMEX June contract price closed at \$2.94/MMBTU. It was 6.4% lower than the May 2018 contract price, and \$0.21 lower than the June 2017 contract price or 6.7% lower. The low price is due to the abundance of natural gas currently in the system. Working gas in storage was 1,538 BCF as of Friday, May 11, 2018, according to EIA estimates. This represents a net increase of 106 BCF from the previous week. Stocks were 821 BCF lower than last year at this time and 501 BCF above the five-year average of 2,039 BCF. At 1,538 BCF, total working gas is within the five-year historical range. The May 2018, Baker Hughes report showed gas-directed rigs in the U.S. were up by two, bringing the total to 198 from the previous month and 11.2% higher than May 2017.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

| Month | (Monthly Average) | | | | | | % Change | |
|---------------------|-------------------|-----------|-----------|-----------|-----------|-------------|----------|--------|
| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 16/17 | 17/18 |
| January | 60 | 59 | 59 | 32 | 31 | 43 | | 39.84% |
| February | 59 | 56 | 59 | 24 | 36 | 44 | | 22.22% |
| March | 61 | 58 | 45 | 25 | 38 | 46 | | 21.69% |
| April | 64 | 59 | 40 | 24 | 40 | 42 | | 5.00% |
| May | 64 | 60 | 40 | 23 | 42 | | 86.67% | |
| June | 62 | 59 | 43 | 25 | 44 | | 76.00% | |
| July | 57 | 60 | 43 | 26 | 48 | | 87.50% | |
| August | 63 | 58 | 45 | 26 | 50 | | 92.31% | |
| September | 62 | 59 | 42 | 23 | 48 | | 106.90% | |
| October | 61 | 62 | 37 | 25 | 45 | | 81.82% | |
| November | 59 | 64 | 37 | 30 | 43 | | 43.33% | |
| December | 57 | 61 | 38 | 28 | 45 | | 60.71% | |
| Year Average | 61 | 60 | 44 | 26 | 42 | 44 * | | |

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

| PRODUCTION | DEC 17 | NOV 17 | OCT 17 | DEC 16 |
|---|--------|--------------------|--------------------|--------------------|
| GOM CENTRAL FEDERAL OFFSHORE^F (OCS) | | | | |
| Crude Oil & Condensate (MMB) | 44 | 48 | 43 | 51 ² |
| Natural Gas & Casinghead (BCF) | 68 | 71 | 70 | 95 ² |
| THE UNITED STATES TOTAL | | | | |
| Crude Oil & Condensate ^C (MMB) | 311 | 303 ² | 300 ² | 272 |
| Natural Gas & Casinghead ^C (BCF) | 2,432 | 2,321 | 2,329 | 2,206 ² |
| IMPORTS | | | | |
| U.S. Crude Oil ^C (MMB) | 241 | 229 | 236 ² | 242 ² |
| U.S. Natural Gas ^C (BCF) | 265 | 237 ² | 242 ² | 272 ² |
| BAKER HUGHES RIG COUNTS | | | | |
| U.S. Gas ^A | 182 # | 173 | 180 | 126 |
| U.S. Oil ^A | 748 | 738 | 741 | 507 |
| U.S. Offshore ^A | 19 | 20 | 21 | 23 |
| U.S. Total ^A | 949 | 931 ² | 942 ² | 656 ² |
| PRICES | | | | |
| CRUDE OIL (\$/barrel) | | | | |
| OPEC Average ^C (F.O.B.) | 62.11 | 59.84 ² | 53.36 ² | 49.07 ² |
| U.S. Imports Average ^C (F.O.B.) | 56.95 | 56.20 ² | 50.93 ² | 46.74 ² |
| U.S. Wellhead Average ^C | 56.98 | 55.19 | 49.13 | 47.12 |
| Gulf OCS Wellhead Average ^C | 48.45 | 55.09 | 58.22 ² | 44.96 |
| State Severance Wellhead Average ^E | 54.59 | 49.44 ² | 48.20 ² | 48.56 ² |
| NATURAL GAS (\$/MCF) | | | | |
| U.S. City Gates Average ^C | 4.00 | 3.98 | 4.06 | 3.96 ² |
| U.S. Imports Average ^C (F.O.B.) | 3.26 | 2.53 | 2.05 | 3.50 |
| U.S. Spot Market Average ^D | 3.30 | 2.81 | 2.61 | 3.38 |
| State Royalty Wellhead Average | 2.78 | 2.77 ² | 2.73 ² | 3.31 |
| NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU) | 3.07 | 2.75 | 2.97 | 3.23 |

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.

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 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> |
|-------------|-------------------------------------|------------------------------|-------------------------|--------------------|-----------------------------|
| 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 | 50,242 | 23,345 | 11,575 | 2,857 | 1,891,851 |
| 2014 | 51,322 | 24,086 | 11,982 | 2,976 | 1,922,947 |
| 2015 | 45,272 ² | 25,023 ² | 12,060 ² | 3,122 | 1,931,057 ² |
| 2016 | 35,863 ² | 25,515 ² | 11,787 ² | 2,702 ² | 1,908,645 ² |
| 2017 | 32,277 ¹ | 26,025 ¹ | 11,551 ¹ | 2,594 ¹ | 2,003,077 ¹ |

^F Louisiana Workforce Commission

* Natural Gas Pipeline data was excluded



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

Technology Assessment Division

P. O. Box 94396

Baton Rouge, LA 70804-9396

INSIDE

Highlights
page 1

Louisiana Average Active Rigs in Areas Under State Jurisdiction
page 1

Current Oil & Gas Data
page 2

Louisiana Non-Agricultural Employment
page 3

Quick Facts
page 4

Featured Articles and Inserts
[Non-Transmission Alternatives](#)

Quick Facts

JUNE 2018

Louisiana DNR Technology Assessment Division

| | May 18 | Apr 18 | May 17 |
|---|--------------------|--------------------|--------------------|
| SPOT MARKET PRICES | | | |
| Louisiana Natural Gas ^D (\$/MMBTU) | 2.61 | 2.48 | 3.15 |
| NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU) | 2.94 | 2.69 | 3.14 |
| Louisiana Sweet Crude - St. James ^B (\$/Barrel) | 75.27 | 69.46 | 50.57 ² |
| BAKER HUGHES RIG COUNTS | | | |
| | Apr 18 | Mar 18 | Apr 17 |
| North Louisiana ^A | 34 | 35 | 37 ² |
| South Louisiana Inland Waters ^A | 4 | 4 | 4 ² |
| South Louisiana Inland ^A | 4 | 7 | 2 ² |
| Louisiana State Offshore | 0 | 0 | 0 ² |
| Louisiana Federal OCS Offshore | 16 | 12 | 20 ² |
| Total Louisiana ^A (OCS included) | 58 | 58 | 63 ² |
| PRODUCTION (State Jurisdiction Only) | | | |
| | Apr 18 | Mar 18 | Apr 17 |
| Louisiana Crude Oil & Condensate (MMB) | 4.2 ¹ | 3.9 ¹ | 4.0 ² |
| Louisiana Natural Gas & Casinghead (BCF) | 168.7 ¹ | 168.4 ² | 149.8 ² |
| DRILLING PERMITS (State Jurisdiction Only) | | | |
| | Apr 18 | Mar 18 | Apr 17 |
| Total Louisiana Oil and Gas | 60 | 76 | 55 |
| Louisiana Wildcats | 1 | 2 | 0 |
| Louisiana Offshore (Wildcats included) | 0 | 0 | 0 |