

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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[Louisiana, An Energy Consuming State: An Update Using 2009 Data](#)



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Highlights AUGUST 2011

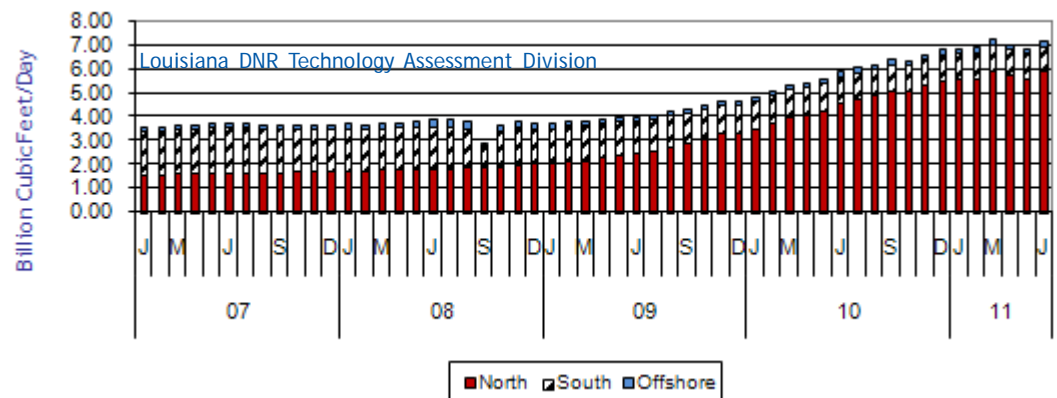
The price for Light Louisiana Sweet crude oil averaged \$113 per barrel for the first 6 months of 2011. This represents a 41% increase over the average price for the first 6 months of 2010. The average price is expected to continue to be around \$100 per barrel during the summer months. The average active oil drilling rig count in Louisiana was 24 rigs in 2011, a 26% decrease from the 2010 average rig count. The average oil rig count is expected to improve as long as the price of crude remains above \$100 per barrel. Louisiana crude oil production, however, was flat. In the first 6 months of 2011 crude oil production was 33 million barrels, which was exactly the same as the production for the first 6 months of 2010.

Louisiana Natural Gas & Casinghead Production**, Excluding Federal OCS

| Month | (Billion Cubic Feet/Day) | | | | | | % Change | |
|---------------------|--------------------------|-------------|-------------|-------------|-------------------------|--------------------------|----------|--------|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 09/10 | 10/11 |
| January | 3.57 | 3.64 | 3.72 | 3.75 | 4.83 | 6.87 | | 42.23% |
| February | 3.61 | 3.60 | 3.72 | 3.85 | 5.10 ² | 6.92 | | 35.81% |
| March | 3.70 | 3.67 | 3.74 | 3.86 | 5.32 ² | 7.27 | | 36.62% |
| April | 3.70 | 3.72 | 3.78 | 3.96 | 5.47 ² | 7.01 | | 28.15% |
| May | 3.75 | 3.79 | 3.86 | 4.04 | 5.62 ² | 6.89 | | 22.64% |
| June | 3.78 | 3.80 | 3.89 | 4.05 | 5.91 ² | 7.17 | | 21.29% |
| July | 3.72 | 3.79 | 3.93 | 4.13 | 6.10 ² | | 47.81% | |
| August | 3.71 | 3.68 | 3.82 | 4.29 | 6.23 ² | | 45.13% | |
| September | 3.74 | 3.71 | 2.90 | 4.36 | 6.42 ² | | 47.29% | |
| October | 3.72 | 3.71 | 3.65 | 4.54 | 6.40 ² | | 41.00% | |
| November | 3.69 | 3.71 | 3.84 | 4.71 | 6.63 ² | | 40.94% | |
| December | 3.68 | 3.72 | 3.73 | 4.68 | 6.84 ² | | 46.18% | |
| Year Average | 3.70 | 3.71 | 3.71 | 4.18 | 5.91² | 7.02^{**} | | |

* All data are revised, see July 2001 statistics changes explanation.

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

| PRODUCTION | FEB 11 | JAN 11 | DEC 10 | FEB 10 |
|---|------------------|------------------|------------------|--------------------|
| LOUISIANA FEDERAL OFFSHORE (OCS) | | | | |
| Crude Oil & Condensate ^C (MMB) | 36 ¹ | 44 ¹ | 42 ¹ | 44 ¹ |
| Natural Gas & Casinghead ^C (BCF) | 111 ¹ | 131 ¹ | 132 ¹ | 137 ¹ |
| THE UNITED STATES TOTAL | | | | |
| Crude Oil & Condensate ^C (MMB) | 157 | 170 | 174 | 153 |
| Natural Gas & Casinghead ^C (BCF) | 1,679 | 1,887 | 1,897 | 1,622 ² |
| IMPORTS | | | | |
| U.S. Crude Oil ^C (MMB) | 224 | 281 | 267 | 243 |
| U.S. Natural Gas ^C (BCF) | 309 | 372 | 351 | 324 ² |
| BAKER HUGHES RIG COUNTS | | | | |
| U.S. Gas ^A | 907 | 909 | 940 | 892 |
| U.S. Oil ^A | 801 | 793 | 759 | 446 |
| U.S. Offshore ^A | 23 | 26 | 24 | 45 |
| U.S. Total ^A | 1,718 | 1,711 | 1,711 | 1,350 |
| PRICES | | | | |
| CRUDE OIL (\$/barrel) | | | | |
| OPEC Average ^C (F.O.B.) | 96.03 | 89.74 | 85.72 | 71.77 |
| U.S. Imports Average ^C (F.O.B.) | 91.98 | 86.80 | 83.95 | 71.50 |
| U.S. Wellhead Average ^C | 86.69 | 85.66 | 83.98 | 72.74 |
| Gulf OCS Wellhead Average ^C | 91.47 | 89.04 | 84.99 | 76.38 |
| State Severance Wellhead Average ^E | 89.51 | 83.01 | 79.20 | 70.18 |
| NATURAL GAS (\$/MCF) | | | | |
| U.S. City Gates Average ^C | 5.66 | 5.70 | 5.74 | 6.61 ² |
| U.S. Imports Average ^C (F.O.B.) | 4.50 | 4.69 | 4.56 | 5.62 |
| U.S. Wellhead Average ^C | 4.23 | 4.08 | 3.96 | 4.89 |
| State Royalty Wellhead Average | 4.39 | 4.47 | 4.52 | 5.66 ² |
| NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU) | 4.32 | 4.22 | 4.27 | 5.27 |

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 | | |
| 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 **Energy Data & Reports**; choose **Louisiana Energy Facts Newsletter**. 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

| Year | Oil & Gas Production | Chemical Industry | Oil Refining | Pipelines | Total Employment |
|------|----------------------|---------------------|---------------------|--------------------|------------------------|
| 1970 | 46,334 | 23,649 | 10,355 | 900 * | 1,203,000 |
| 1971 | 46,081 | 23,848 | 10,384 | 900 * | 1,230,000 |
| 1972 | 48,779 | 23,954 | 10,216 | 900 * | 1,241,000 |
| 1973 | 49,794 | 25,045 | 10,798 | 900 * | 1,287,000 |
| 1974 | 56,254 | 26,133 | 10,946 | 900 * | 1,280,000 |
| 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 ² | 22,478 ² | 11,363 ² | 2,456 ² | 1,849,395 ² |
| 2010 | 47,916 | 22,533 | 11,423 | 2,667 | 1,833,888 |

^F Louisiana Workforce Commission

* Natural Gas Pipeline data was excluded

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Quick Facts

AUGUST 2011

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

| | Jul 11 | Jun 11 | Jul 10 |
|---|--------|--------|--------|
| Louisiana Natural Gas ^D (\$/MMBTU) | 4.34 | 4.48 | 4.58 |
| NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU) | 4.36 | 4.33 | 4.72 |
| Louisiana Sweet Crude - St. James ^B (\$/Barrel) | 115.86 | 113.24 | 79.00 |

BAKER HUGHES RIG COUNTS

| | Jun 11 | May 11 | Jun 10 |
|---|--------|--------|--------|
| North Louisiana ^A | 100 | 106 | 139 |
| South Louisiana Inland Waters ^A | 16 | 16 | 13 |
| South Louisiana Inland ^A | 22 | 17 | 17 |
| Louisiana State Offshore | 2 | 2 | 1 |
| Louisiana Federal OCS Offshore | 31 | 29 | 15 |
| Total Louisiana ^A (OCS included) | 171 | 170 | 185 |

PRODUCTION (State Jurisdiction Only)

| | Jun 11 | May 11 | Jun 10 |
|--|--------------------|--------------------|--------------------|
| Louisiana Crude Oil & Condensate (MMB) | 5.5 ¹ | 5.8 ¹ | 5.8 ² |
| Louisiana Natural Gas & Casinghead (BCF) | 215.1 ¹ | 213.7 ¹ | 177.3 ² |

DRILLING PERMITS (State Jurisdiction Only)

| | Jun 11 | May 11 | Jun 10 |
|--|--------|--------|--------|
| Total Louisiana Oil and Gas | 159 | 159 | 186 |
| Louisiana Wildcats | 4 | 8 | 5 |
| Louisiana Offshore (Wildcats included) | 1 | 3 | 0 |