

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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[Leadership in Energy and Environmental Design \(LEED\)](#)



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Highlights

APRIL 2011

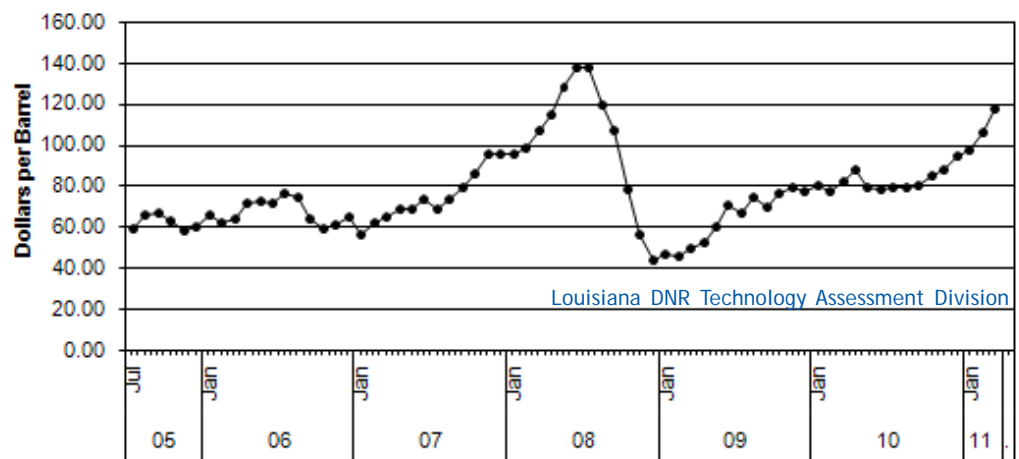
Louisiana Natural Gas prices at Henry Hub have risen to above \$4 per MMBTU after reaching a low of \$3.70 per MMBTU on March 4, 2011. The new price is in response to a sign of decline in U.S. gas inventories, greater industrial gas flow in the northeast, and President Barack Obama encouraging the use of gas instead of foreign oil. To some extent, the Japanese nuclear disaster, caused by the large earthquake and tsunami, is also contributing to the increase in gas prices. The disaster will increase regulatory scrutiny of U.S. nuclear power generation causing extended maintenance shutdowns and safety reviews, which in turn will increase demand for natural gas in the coming weeks and months.

Louisiana Sweet Crude Oil Average Spot Price at St. James

(Dollars per Barrel)

Month							% Change	
	2006	2007	2008	2009	2010	2011	09/10	10/11
January	66.01	56.72	96.12	47.17	80.16	97.83	69.94%	22.04%
February	62.22	62.56	98.45	45.63	77.43	106.21	69.69%	37.17%
March	64.33	64.62	107.45	50.08	82.04	117.41	63.82%	43.11%
April	71.43	69.19	115.13	52.32	87.90		68.00%	
May	72.51	69.09	128.74	60.29	79.73		32.24%	
June	71.84	73.20	137.91	71.15	78.87		10.85%	
July	76.27	69.14	137.80	66.79	79.00		18.28%	
August	75.05	73.33	119.41	74.31	79.61		7.13%	
September	63.91	79.86	107.07	70.18	80.14		14.19%	
October	59.52	86.25	78.78	76.43	85.23		11.51%	
November	61.53	95.97	56.74	79.62	88.16		10.73%	
December	64.67	95.32	43.93	77.33	94.31		21.96%	
Year Average	67.44	74.60	102.29	64.28	82.72	107.15 **		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	OCT 10	SEP 10	AUG 10	OCT 09
PRODUCTION				
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	42 ¹	44 ¹	44 ¹	50 ¹
Natural Gas & Casinghead ^C (BCF)	129 ¹	129 ¹	136 ¹	151 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	174	167	171	171 ²
Natural Gas & Casinghead ^C (BCF)	1,861	1,800 ²	1,844 ²	1,727 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	263	275	294	266
U.S. Natural Gas ^C (BCF)	194	282 ²	304	273 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	966	977	981	722
U.S. Oil ^A	693	668	642	312
U.S. Offshore ^A	21	19	19	33
U.S. Total ^A	1,668	1,655	1,638	1,044
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	77.32	73.23	72.38	70.54 ²
U.S. Imports Average ^C (F.O.B.)	75.12	71.74	71.27	70.45 ²
U.S. Wellhead Average ^C	76.02	71.23	72.07	69.82
Gulf OCS Wellhead Average ^C	76.31	74.92	74.55	68.84
State Severance Wellhead Average ^E	71.50	74.13	75.14	65.52
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	5.83	5.71	6.23	5.62 ²
U.S. Imports Average ^C (F.O.B.)	3.83	3.76	4.14	3.92
U.S. Wellhead Average ^C	3.51	3.78	4.22	3.83 ²
State Royalty Wellhead Average	3.87	4.01	4.70	4.03 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.84	3.65	4.77	3.73

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				
FO.B.	Free on Board	MMBTU	Million British Thermal Units				
				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 **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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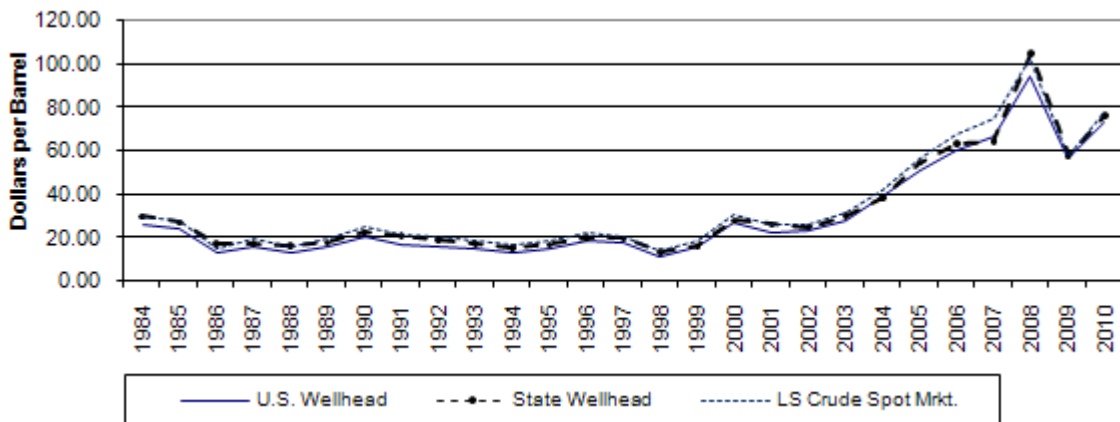
Average Crude Oil Prices (Dollars/Barrel)

Louisiana DNR Technology Assessment Division

UNITED STATES

LOUISIANA

YEAR	REFINERY			DOE WELLHEAD ^C	STATE WELLHEAD ^D	FEDERAL OCS ^C	SPOT MARKET
	IMPORTS F.O.B. ^C	DOMESTIC ACQUISITION ^C	U.S. WELLHEAD ^C				
1987	16.69	17.76	15.40	17.97	17.55	17.54	19.38
1988	13.25	14.74	12.58	15.22	16.38	14.71	16.13
1989	16.89	17.87	15.86	18.39	17.87	17.83	19.75
1990	20.37	22.59	20.03	23.04	22.54	22.40	25.11
1991	16.91	19.35	16.53	20.15	21.13	19.40	21.70
1992	16.66	18.62	16.00	19.01	19.31	18.38	20.77
1993	14.72	16.66	14.24	16.72	17.39	16.17	18.56
1994	14.13	15.64	13.19	15.61	15.46	14.72	17.25
1995	15.69	17.32	14.62	17.06	16.98	16.16	18.60
1996	19.24	20.81	18.46	20.87	20.56	20.00	22.32
1997	16.98	19.65	17.23	19.23	19.80	18.63	20.69
1998	10.75	13.15	10.93	12.52	13.68	12.03	14.21
1999	16.48	17.64	15.53	17.55	16.09	16.46	19.00
2000	26.26	29.08	26.72	29.14 ²	28.10	27.57	30.29
2001	20.45	24.34	21.90	24.70 ²	26.23	23.36	25.84
2002	22.57	24.56	22.50	24.92 ²	25.17	23.36	26.18
2003	26.06	29.78	27.54	30.50 ²	30.28	28.69	31.20
2004	33.75	38.97	38.86	40.43 ²	38.34	37.54	41.47
2005	47.74 ²	53.05	50.53	54.68 ²	54.62	50.97	56.86
2006	57.03	62.50	59.65	64.17 ²	63.55	60.62	67.44
2007	66.12	69.56 ²	66.56 ²	71.98 ²	64.14	67.42	74.60
2008	89.45 ²	98.09 ²	94.22	99.53 ²	104.86	99.10	102.29
2009	58.12 ²	58.95 ²	56.31 ²	59.27 ²	57.57 ²	52.78 ²	57.41 ²
2010	72.67	77.21	73.26	76.66	75.96	75.24	77.88



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SPOT MARKET PRICES

	Mar 11	Feb 11	Mar 10
Louisiana Natural Gas ^D (\$/MMBTU)	3.85	4.11	4.46
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.80	4.32	4.82
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	117.41	106.21	82.04

BAKER HUGHES RIG COUNTS

	Feb 11	Jan 11	Feb 10
North Louisiana ^A	115	119	136
South Louisiana Inland Waters ^A	15	14	13
South Louisiana Inland ^A	20	15	18
Louisiana State Offshore	1	0	2
Louisiana Federal OCS Offshore	21	22	37
Total Louisiana ^A (OCS included)	173	169	206

PRODUCTION (State Jurisdiction Only)

	Feb 11	Jan 11	Feb 10
Louisiana Crude Oil & Condensate (MMB)	5.1	5.6	5.1 ²
Louisiana Natural Gas & Casinghead (BCF)	178.5	179.8 ²	142.7 ²

DRILLING PERMITS (State Jurisdiction Only)

	Feb 11	Jan 11	Feb 10
Total Louisiana Oil and Gas	143	113	120
Louisiana Wildcats	2	0	2
Louisiana Offshore (Wildcats included)	3	4	2