

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Fuel Cells:
Past, Present & Future



Department of Natural Resources
Scott A. Angelle, Secretary

Technology Assessment Division
T. Michael French, Director
Manuel Lam, Senior Analyst

617 North Third Street
PO Box 44156
Baton Rouge, LA
70804-4156
Tel. (225) 342-1270
Fax. (225) 242-1397
Email: tehasmt@la.gov
www.dnr.louisiana.gov/tad

Highlights

APRIL 2005

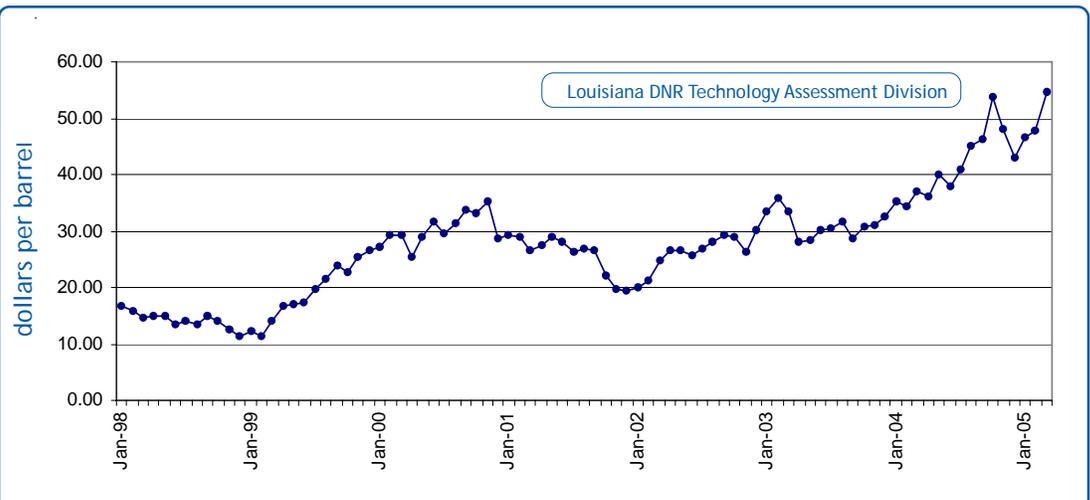
The spot market price for Louisiana sweet crude oil is approximately \$55 per barrel. This high price is caused by OPEC's unwillingness to increase their crude oil production, the falling production in the North Sea, instability of the African west coast, and political discrepancies between the US and Venezuela. Commodities market analysts believe trading of crude oil in the commodity market is also contributing to the increase of the crude oil price by \$2 to \$5 per barrel. The Louisiana sweet crude oil price is expected to remain above \$50 per barrel through the remainder of the year.

Data

South Louisiana Sweet Crude Oil Average Spot Price at St. James (Dollars per Barrel)

Month							% Change	
	2000	2001	2002	2003	2004	2005	03/04	04/05
January	27.03	29.29	20.10	33.57	35.09	46.60		32.80%
February	29.37	28.96	21.06	35.81	34.46	47.67		38.33%
March	29.24	26.68	24.76	33.46	36.94	54.49		47.51%
April	25.38	27.33	26.65	27.92	36.22		29.73%	
May	29.00	29.05	26.57	28.23	40.03		41.80%	
June	31.62	28.04	25.65	30.26	37.81		24.95%	
July	29.61	26.25	26.97	30.44	40.95		34.53%	
August	31.49	26.84	27.95	31.57	45.03		42.64%	
September	33.78	26.48	29.19	28.55	46.34		62.31%	
October	33.28	22.10	29.02	30.88	53.67		73.80%	
November	35.09	19.82	26.25	31.13	48.14		54.64%	
December	28.62	19.28	30.04	32.59	42.97		31.85%	
Year Average	30.29	25.84	26.18	31.20	41.47	49.59 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	OCT 04	SEP 04	AUG 04	OCT 03
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	32	30 ²	31 ²	44
Natural Gas & Casinghead ^C (BCF)	261	248 ²	261 ²	278 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	158	153	164	175
Natural Gas & Casinghead ^C (BCF)	1,566	1,489 ²	1,601 ²	1,605 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	320	290	324	315
U.S. Natural Gas ^C (BCF)	324	341 ²	360 ²	336 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	1,068	1,073	1,063	941
U.S. Oil ^A	171	166	170	158
U.S. Offshore ^A	92	92	95	106
U.S. Total ^A	1,240	1,240	1,234	1,102
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	41.33	40.58 ²	37.57	25.84 ²
U.S. Imports Average ^C (F.O.B.)	42.33	38.82 ²	37.33	26.06
U.S. Wellhead Average ^C	46.28	40.62 ²	40.10	26.52
Gulf OCS Wellhead Average ^C	45.06	40.81	39.39	27.42 ²
State Severance Wellhead Average ^E	46.06	41.24	39.51	29.81
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	6.31	6.07	6.46	5.30 ²
U.S. Imports Average ^C (F.O.B.)	5.28	5.10 ²	5.48	4.48 ²
U.S. Wellhead Average ^C	5.45	4.86	5.36	4.43
State Royalty Wellhead Average	6.10	5.22 ²	6.03 ²	4.75 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	5.72	5.20	6.05	4.54

KEY

1	Estimated	F.O.B.	Free on Board
2	Revised	MCF	Thousand Cubic Feet
BCF	Billion Cubic Feet	MMB	Million Barrels
BTU	British Thermal Unit	OCS	Outer Continental Shelf
		N/A	Not Available

DATA SOURCES

A	Oil & Gas Journal	D	Natural Gas Week
B	Wall Street Journal	E	LA Dept of Revenue & Taxation
C	U.S. Dept. of Energy		

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:

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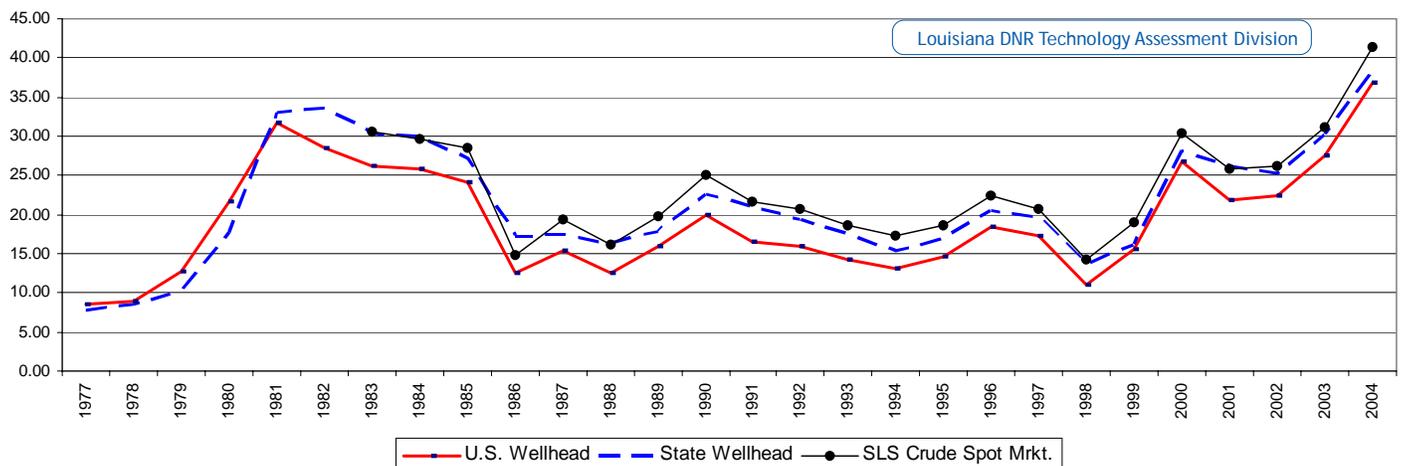
Average Crude Oil Prices 1980-2004 (Dollars per Barrel)

Louisiana DNR Technology Assessment Division

UNITED STATES

LOUISIANA

YEAR	REINERY			LOUISIANA			
	IMPORTS F.O.B. ^C	DOMESTIC ACQUISITION ^C	U.S. WELLHEAD ^C	D.O.E. WELLHEAD ^C	STATE WELLHEAD ^D	FEDERAL OCS ^C	SPOT MARKET
1980	32.37	24.23	21.59	19.87	17.64	18.87	N/A
1981	35.15	34.33	31.77	35.45	33.07	35.07	N/A
1982	32.02	31.32	28.52	32.44	33.55	32.61	N/A
1983	27.81	28.87	26.19	30.02	30.38	29.77	30.63
1984	27.60	28.53	25.88	29.67	29.98	29.36	29.64
1985	25.84	26.66	24.09	27.22	27.18	27.33	28.42
1986	12.52	14.82	12.51	15.32	17.23	15.27	14.72
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	16.89	19.35 ²	16.53 ²	20.15 ²	21.13	19.40 ²	21.70 ²
1992	16.77	18.62 ²	16.00 ²	19.01 ²	19.31	18.38 ²	20.77 ²
1993	14.72	16.66	14.24 ²	16.72 ²	17.39	16.17 ²	18.56
1994	14.13	15.64 ²	13.19	15.61 ²	15.46	14.72 ²	17.25 ²
1995	15.69	17.32 ²	14.62	17.06	16.98	16.16 ²	18.60 ²
1996	19.32	20.81 ²	18.46	20.87 ²	20.56	20.00 ²	22.32
1997	16.94	19.65 ²	17.23 ²	19.23 ²	19.80	18.63	20.69
1998	10.75	13.15 ²	10.93 ²	12.52 ²	13.68	12.03	14.21
1999	16.47	17.64 ²	15.53 ²	17.55 ²	16.09	16.46 ²	19.00
2000	26.27	29.08 ²	26.72	29.14 ²	28.10	27.57 ²	30.29
2001	20.54	24.34	21.90 ²	24.70 ²	26.23	23.36 ²	25.84
2002	22.57 ²	24.56	22.50 ²	24.92 ²	25.17	23.36 ²	26.18
2003	26.06 ²	29.78	27.54	30.50 ²	30.28	28.69 ²	31.20
2004	33.62	38.61	36.89	40.44	38.34	37.53	41.47



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	Mar 05	Feb 05	Mar 04
SPOT MARKET PRICES			
Louisiana Natural Gas ^D (\$/MMBTU)	6.76	6.10	5.32
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	6.30	6.29	5.15
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	54.49	47.67 ²	36.94
BAKER HUGHES RIG COUNTS			
	Feb 05	Jan 05	Feb 04
North Louisiana ^A	44	39	38
South Louisiana Inland Waters ^A	26	21	17
South Louisiana Inland ^A	32	26	28
Louisiana State Offshore	5	4	5
Louisiana Federal OCS Offshore	78	73	79
Total Louisiana ^A (OCS included)	184	163	167
PRODUCTION (State Jurisdiction Only)			
	Feb 05	Jan 05	Feb 04
Louisiana Crude Oil & Condensate (MMB)	6.6	6.7 ²	6.8 ²
Louisiana Natural Gas & Casinghead (BCF)	104.3	109.9 ²	104.1 ²
DRILLING PERMITS (State Jurisdiction Only)			
	Feb 05	Jan 05	Feb 04
Total Louisiana Oil and Gas	138	171	138
Louisiana Wildcats	13	10	7
Louisiana Offshore (Wildcats included)	3	7	4

