

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Highlights of the 18th Edition
of the Louisiana Crude Oil
Refinery Survey Report



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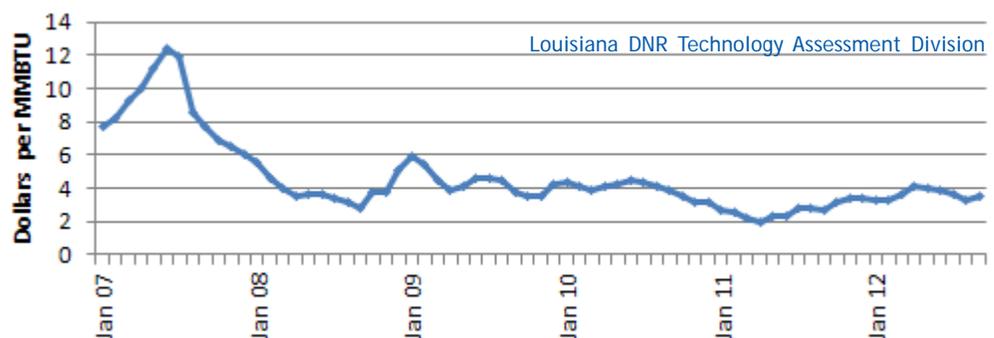
Highlights OCTOBER 2013

The Light Louisiana Sweet (LLS) crude oil spot price of \$104.98 per barrel (posted on October 1, 2013) is the lowest price in the past three months. The falling price was caused by gains in oil inventories and decreases in gasoline demand as the summer driving season ended. The American Petroleum Institute reported on the last week of September that crude stockpiles climbed by 4.55 million barrels. Recent data from EIA (as reported by Bloomberg News Survey) shows that supplies gained 2.5 million barrels. Supply from Africa is also increasing as Libyan crude production is rebounding from the labor disputes that nearly crippled its output. Nigerian crude production has risen to 2.4 million barrels a day, thanks to crackdown efforts on oil theft and vandalism.

Louisiana Natural Gas Average Spot Prices

Month	(Dollars per MMBTU)						% Change	
	2008	2009	2010	2011	2012	2012	11/12	12/13
January	7.78	5.55	5.89	4.35	2.74	3.32		21.02%
February	8.24	4.60	5.39	4.11	2.55	3.24		27.09%
March	9.23	3.97	4.46	3.85	2.20	3.64		65.06%
April	9.94	3.54	3.89	4.16	1.96	4.08		108.37%
May	11.14	3.65	4.09	4.24	2.30	4.02		74.84%
June	12.35	3.66	4.65	4.48	2.34	3.89		66.41%
July	11.87	3.46	4.58	4.34	2.84	3.61		26.82%
August	8.52	3.18	4.45	4.13	2.85	3.35		17.40%
September	7.77	2.78	3.80	3.85	2.70	3.54		30.91%
October	6.85	3.77	3.51	3.54	3.16		-10.80%	
November	6.51	3.74	3.52	3.21	3.46		7.50%	
December	6.08	5.09	4.22	3.20	3.39		5.81%	
Year Average	8.86	3.92	4.37	3.96	2.71	3.63 **		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	APR 13	MAR 13	FEB 13	APR 12
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	34 ¹	33 ¹	32 ¹	33 ¹
Natural Gas & Casinghead ^C (BCF)	82 ¹	85 ¹	80 ¹	95 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	221	223	200	189 ²
Natural Gas & Casinghead ^C (BCF)	1,988	2,036	1,853	1,963 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	232	231	204	258
U.S. Natural Gas ^C (BCF)	220	248	237	243
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	374	359	426	629
U.S. Oil ^A	1,374	1,339	1,332	1,329
U.S. Offshore ^A	49	51	54	44
U.S. Total ^A	1,755	1,756	1,762	1,962
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	98.67	105.77	106.93	113.85
U.S. Imports Average ^C (F.O.B.)	95.98	100.21	100.94	107.17
U.S. Wellhead Average ^C	94.72	95.85	95.04	103.62
Gulf OCS Wellhead Average ^C	108.40	110.10	107.62	119.85
State Severance Wellhead Average ^E	114.38	107.00	105.56	107.01
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	5.14	4.75	4.56	4.19 ²
U.S. Imports Average ^C (F.O.B.)	3.98	3.84	3.99	2.04
U.S. Spot Market Average ^D	4.30	3.99	4.07	1.89
State Royalty Wellhead Average	4.16	3.72	3.28	2.11 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.98	3.43	3.23	2.19

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 **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 Estimated Dry Natural Gas Proved Reserves

As of December 31st of Each Year
(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1995	2,788	5,648	838	21,392 ^c	30,666 ^c	165,146
1996	3,105	5,704	734	21,856 ^c	31,399 ^c	166,474
1997	3,093	5,855	725	21,934 ^c	31,607 ^c	167,223
1998	2,898	5,698	551	20,774 ^c	29,921 ^c	164,041
1999	3,079	5,535	628	19,598 ^c	28,840 ^c	167,406
2000	3,298	5,245	696	19,788 ^c	29,027 ^c	177,427
2001	3,881	5,185	745	19,721 ^c	29,532 ^c	183,460
2002	4,245	4,224	491	18,500 ^c	27,460 ^c	186,946
2003	5,074	3,746	506	16,728 ^c	26,054 ^c	189,044
2004	5,770	3,436	382	14,685 ^c	24,273 ^c	192,513
2005	6,695	3,334	418	13,665 ^c	24,112 ^c	204,385
2006	6,715	3,335	424	11,824 ^c	22,298 ^c	211,085
2007	6,344	3,323	378	11,090 ^c	21,135 ^c	237,726
2008	7,876	2,799	898	10,450 ^c	22,023 ^c	244,656
2009	17,146	2,844	701	9,362 ^c	30,053 ^c	272,509
2010	26,030	2,876	371	8,896 ^c	38,173 ^c	304,625
2011	27,337	2,519	502	8,156 ^c	38,514 ^c	334,067

^c Includes Federal Offshore Alabama

Louisiana Estimated Natural Gas Liquids Proved Reserves, Excluding Lease Condensate

As of December 31st of Each Year
(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1995	55	359	16	191 ^c	621 ^c	5,005
1996	61	284	36	199 ^c	580 ^c	5,209
1997	50	199	12	352 ^c	613 ^c	5,291
1998	34	187	13	341 ^c	575 ^c	4,852
1999	36	230	19	398 ^c	681 ^c	5,316
2000	39	207	21	315 ^c	582 ^c	7,012
2001	35	128	41	273 ^c	477 ^c	6,595
2002	30	119	37	346 ^c	532 ^c	6,648
2003	48	100	35	235 ^c	418 ^c	6,244
2004	53	87	27	410 ^c	577 ^c	6,707
2005	61	96	32	375 ^c	563 ^c	6,947
2006	60	94	22	390 ^c	484 ^c	7,133
2007	69	99	24	348 ^c	540 ^c	7,728
2008	68	78	55	313 ^c	514 ^c	7,842
2009	98	90	43	301 ^c	532 ^c	8,557
2010	79	113	24	340 ^c	556 ^c	9,809
2011	54	94	44	354 ^c	546 ^c	10,825

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SPOT MARKET PRICES

	Sep 13	Aug 13	Sep 12
Louisiana Natural Gas ^D (\$/MMBTU)	3.54	3.35	2.70
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	3.57	3.46	2.63
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	108.17	110.95	112.99

BAKER HUGHES RIG COUNTS

	Aug 13	Jul 13	Aug 12
North Louisiana ^A	26	24	27
South Louisiana Inland Waters ^A	22	19	19
South Louisiana Inland ^A	13	13	28
Louisiana State Offshore	2	1	1
Louisiana Federal OCS Offshore	47	46 ²	46
Total Louisiana ^A (OCS included)	110	103	121

PRODUCTION (State Jurisdiction Only)

	Aug 13	Jul 13	Aug 12
Louisiana Crude Oil & Condensate (MMB)	6.0 ¹	5.9 ¹	5.5 ²
Louisiana Natural Gas & Casinghead (BCF)	205.4 ¹	204.7 ¹	254.4 ²

DRILLING PERMITS (State Jurisdiction Only)

	Aug 13	Jul 13	Aug 12
Total Louisiana Oil and Gas	157	153	119
Louisiana Wildcats	2	5	7
Louisiana Offshore (Wildcats included)	1	4	3