

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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MAY 2011

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[Continuity of Operations
\(COOP\)](#)



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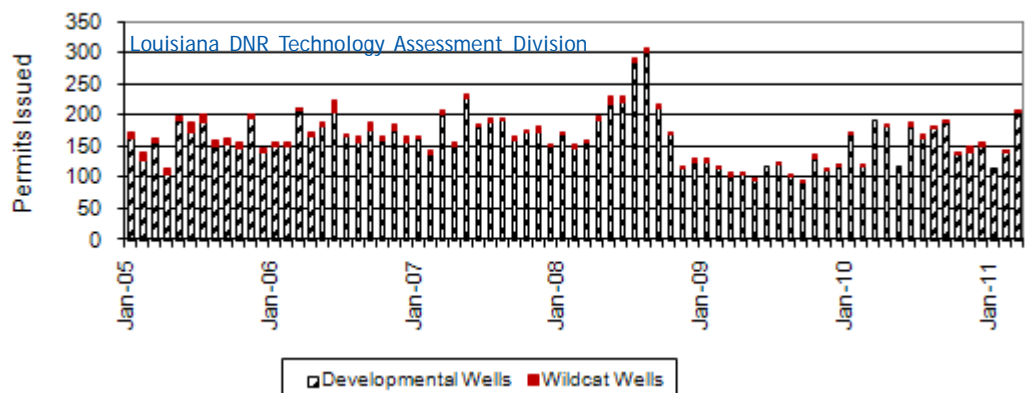
Highlights

The Light Louisiana Sweet crude oil spot price was \$128.73 per barrel on the last trading day in April 2011. A year ago, the spot price was \$90.29 per barrel, and two years ago, it was only \$52.20 per barrel. The oil price increases can be attributed to positive economic news, the political unrest in Libya, and the increased demand in China. Oil Market Intelligence, April 2011, reported that global oil prices have shot up by more than 30% since the beginning of 2011 and some critics are saying that speculation is causing prices to disconnect from fundamentals. Crude oil prices are dropping. In the last week of April 2011, the U. S. Department of Energy said stockpiles had reached 366.5 million barrels, the highest level since October. There was also a drop in gasoline consumption due to high prices.

Oil and Gas Drilling Permits Issued by the State of Louisiana

Month	Permits Issued						% Change	
	2006	2007	2008	2009	2010	2011	09/10	10/11
January	157	165	172	129	172	113		-34.30%
February	155	144	153	118	120	143		19.17%
March	210	208	158	106	192	208		8.33%
April	171	157	198	108	183		69.44%	
May	189	232	228	97	118		21.65%	
June	222	184	230	118	186		57.63%	
July	168	195	292	123	169		37.40%	
August	166	195	308	105	182		73.33%	
September	186	164	216	93	191		105.38%	
October	165	174	172	135	139		2.96%	
November	183	180	117	113	148		30.97%	
December	165	152	130	120	156		30.00%	
Year Average	178	179	198	114	163	155 *		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	NOV 10	OCT 10	SEP 10	NOV 09
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	40 ¹	45 ¹	44 ¹	44 ¹
Natural Gas & Casinghead ^C (BCF)	116 ¹	135 ¹	131 ¹	140 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	168	174	167	163 ²
Natural Gas & Casinghead ^C (BCF)	1,822	1,861	1,800	1,669 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	258	263	275	262 ²
U.S. Natural Gas ^C (BCF)	272	294 ²	282	295
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	950	966	977	734
U.S. Oil ^A	723	693	668	362
U.S. Offshore ^A	22	21	19	36
U.S. Total ^A	1,683	1,668	1,655	1,107
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	80.95	77.55 ²	73.24 ²	73.60
U.S. Imports Average ^C (F.O.B.)	79.56	75.52 ²	71.72 ²	73.16
U.S. Wellhead Average ^C	79.20	76.02	71.23	71.99 ²
Gulf OCS Wellhead Average ^C	81.02	76.31	74.92	71.78 ²
State Severance Wellhead Average ^E	78.08	71.50	74.13	63.35 ²
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	5.49	5.74 ²	5.71	6.31 ²
U.S. Imports Average ^C (F.O.B.)	3.97	3.83	3.76	4.40 ²
U.S. Wellhead Average ^C	3.34	3.69 ²	3.76 ²	4.20 ²
State Royalty Wellhead Average	3.74	3.80 ²	3.99 ²	4.22 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	3.29	3.84	3.65	4.29

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 Estimated Crude Oil Proved Reserves^c
Excluding Lease Condensate
 As of December 31st of Each Year
 (Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1992	125	417	126	1,643	2,311	23,745
1993	108	382	149	1,880	2,519	22,957
1994	108	391	150	1,922	2,571	22,457
1995	108	387	142	2,269	2,906	22,351
1996	128	382	148	2,357	3,015	22,017
1997	136	427	151	2,587	3,301	22,546
1998	101	357	97	2,483	3,038	21,034
1999	108	384	108	2,442	3,042	21,765
2000	97	310	122	2,751	3,280	22,045
2001	87	341	136	3,877	4,441	22,446
2002	75	335	91	4,088	4,589	22,677
2003	66	314	72	4,251	4,703	21,891
2004	58	304	65	3,919	4,346	21,371
2005	68	299	65	3,852	4,284	21,757
2006	68	312	48	3,500	3,928	20,972
2007	76	326	56	3,320	3,778	21,317
2008	60	277	51	3,388	3,776	19,121
2009	55	269	46	3,570	3,940	20,682

Louisiana Estimated Lease Condensate Proved Reserves^c
 As of December 31st of Each Year
 (Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1992	19	151	8	226	404	1,226
1993	19	133	9	235	396	1,192
1994	21	123	9	233	386	1,147
1995	24	136	11	305	476	1,197
1996	24	127	11	422	584	1,307
1997	30	134	12	433	609	1,341
1998	23	138	16	435	612	1,336
1999	25	134	15	435	609	1,295
2000	22	130	17	437	606	1,333
2001	27	141	19	325	512	1,398
2002	19	107	11	300	437	1,346
2003	19	82	11	251	363	1,215
2004	21	66	9	205	301	1,221
2005	23	72	9	228	332	1,218
2006	29	65	10	185	289	1,339
2007	31	69	11	180	291	1,415
2008	27	64	8	151	250	1,433
2009	26	74	10	134	244	1,633

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SPOT MARKET PRICES

	Apr 11	Mar 11	Apr 10
Louisiana Natural Gas ^D (\$/MMBTU)	4.16	3.85	3.89
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	4.37	3.79 ²	3.84
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	126.03	117.41	87.90

BAKER HUGHES RIG COUNTS

	Mar 11	Feb 11	Mar 10
North Louisiana ^A	114	115	137
South Louisiana Inland Waters ^A	17	15	14
South Louisiana Inland ^A	18	20	16
Louisiana State Offshore	2	1	3
Louisiana Federal OCS Offshore	23	21	39
Total Louisiana ^A (OCS included)	174	173	209

PRODUCTION (State Jurisdiction Only)

	Mar 11	Feb 11	Mar 10
Louisiana Crude Oil & Condensate (MMB)	5.8	5.1	5.8
Louisiana Natural Gas & Casinghead (BCF)	186.1	178.5	165.1 ²

DRILLING PERMITS (State Jurisdiction Only)

	Mar 11	Feb 11	Mar 10
Total Louisiana Oil and Gas	208	143	192
Louisiana Wildcats	4	2	0
Louisiana Offshore (Wildcats included)	6	3	1