

Louisiana Energy Facts

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Highlights

Louisiana's natural gas spot price averaged \$4.04 per MMBTU in August. The September 2021 NYMEX Natural Gas at Henry Hub settlement price was \$4.370 per MMBTU, 33.0 cents higher than the August 2021 gas settlement price and 92.5% higher

than the September 2020 gas settlement price. Price increase reflect warmer-than-normal temperatures nationally during the summer, which led to increased demand from the electric power sector. The U.S. Energy Information

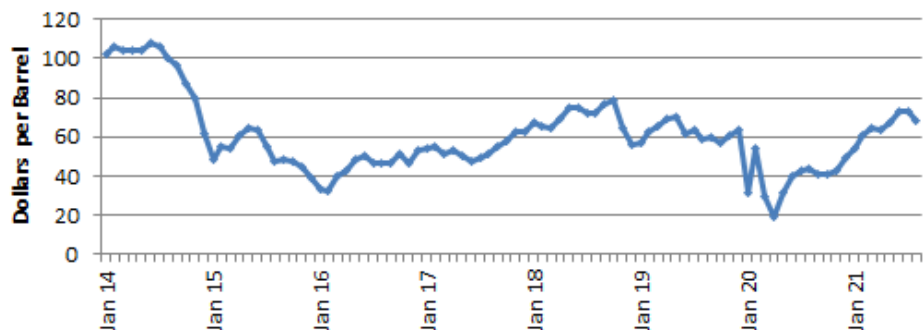
September 2021

Administration (EIA) reported the working gas in storage was 2,871 billion cubic foot (BCF) as of Friday August 27, 2021, which represents a decrease of 16.8% from last year's inventory for the same period and 7.2% lower than the five-year average inventory.

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

Month							% Change	
	2016	2017	2018	2019	2020	2021	19/20	20/21
January	32.82	54.04	67.23	56.85	31.38	54.20		72.72%
February	32.48	55.23	65.07	62.23	53.96	61.17		13.36%
March	40.11	51.13	64.66	65.56	29.55	64.51		118.31%
April	42.73	53.13	68.79	69.60	19.27	63.73		230.72%
May	48.70	50.55	74.80	69.99	31.44	67.25		113.90%
June	50.59	47.21	74.45	61.65	39.48	72.91		84.68%
July	46.41	48.99	72.37	63.14	42.35	73.05		72.49%
August	46.33	51.03	72.20	59.24	44.00	68.51		55.70%
September	46.84	54.81	77.19	60.23	41.01		-31.91%	
October	51.36	57.74	78.80	57.22	40.79		-28.71%	
November	46.72	62.61	64.76	61.00	42.43		-30.44%	
December	53.53	62.75	56.01	63.12	48.94		-22.47%	
Year Average	44.89	54.10	69.69	62.49	36.43	65.67		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

	MAR 21	FEB 21	JAN 21	MAR 20
PRODUCTION				
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	55	48	52	57
Natural Gas & Casinghead (BCF)	71	63	68	81
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	346	274	343	395
Natural Gas & Casinghead ^C (BCF)	3,082	2,577	3,099	3,154
IMPORTS				
U.S. Crude Oil ^C (MMB)	179	156	179	195
U.S. Natural Gas ^C (BCF)	239	272	284	217
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	92	91	86	106
U.S. Oil ^A	316	306	284	665
U.S. Offshore ^A	13	17	16	20
U.S. Total ^A	408	397	370	771
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	63.76	60.66	55.60	28.04
U.S. Imports Average ^C (F.O.B.)	57.48	53.08	46.77	24.09
U.S. Wellhead Average ^C	60.67	56.72	49.79	31.80
Gulf OCS Wellhead Average ^C	60.99	56.39	49.87	38.06
State Severance Wellhead Average ^E	66.48	30.64	28.96	31.15
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.09	13.45	3.45	3.23
U.S. Imports Average ^C (F.O.B.)	2.71	5.82	3.03	1.71
U.S. Spot Market Average ^D	2.38	13.77	2.62	1.59
State Royalty Wellhead Average	2.76	3.93	2.40	1.59
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.57	5.47	2.64	1.82

Key

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

Data Sources

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

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 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 CRUDE OIL PROVED RESERVES Excluding Lease Condensate As of December 31st of Each Year

YEAR	(Million Barrels)					
	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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
2010	104	274	46	3,914	4,338	23,267
2011	103	264	50	4,626	4,855	26,544
2012	100	300	63	4,807	4,967	30,529
2013	120	328	55	4,811	5,006	33,371
2014	118	349	67	4,531	4,778	36,385
2015	89	276	59	4,082	4,249	32,318
2016	71	283	54	3,983	4,391	32,773
2017	85	275	58	4,464	4,882	39,160
2018	84	260	68	4,765	5,177	43,824
2019	69	266	54	4,712	2,101	44,191

LOUISIANA ESTIMATED LEASE CONDENSATE PROVED RESERVES As of December 31st of Each Year (Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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
2010	27	68	11	129	235	1,914
2011	33	64	11	129	237	2,406
2012	38	70	13	98	219	2,874
2013	39	68	12	88	207	3,149
2014	48	56	11	108	223	3,548
2015	46	59	5	122	232	2,912
2016	32	50	4	149	241	2,440
2017	45	48	5	155	253	2,830
2018	29	39	4	149	221	3,229
2019	23	32	5	275	335	2,916

Quick Facts

September 2021

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SPOT MARKET PRICES

Louisiana Natural Gas^D (\$/MMBTU)

NYMEX Henry Hub Last Settle Gas Price^B (\$/MMBTU)

Louisiana Sweet Crude - St. James^B (\$/Barrel)

BAKER HUGHES RIG COUNTS

North Louisiana^A

South Louisiana Inland Waters^A

South Louisiana Inland^A

Louisiana State Offshore

Louisiana Federal OCS Offshore

Total Louisiana^A (OCS included)

PRODUCTION (State Jurisdiction Only)

Louisiana Crude Oil & Condensate (MMB)

Louisiana Natural Gas & Casinghead (BCF)

DRILLING PERMITS (State Jurisdiction Only)

Total Louisiana Oil and Gas

Louisiana Wildcats

Louisiana Offshore (Wildcats included)

Aug 21 Jul 21 Aug 20

3.98 3.71 2.58

4.04 3.81 2.27

68.51 73.05 44.00

Jul 21 Jun 21 Jul 20

35 37 20

1 1 0

1 1 0

0 0 0

15 13 10

51 52 30

Jul 21 Jun 21 Jul 20

3.5¹ 3.3¹ 2.8²

287.8¹ 281.4¹ 259.0²

Jul 21 Jun 21 Jul 20

55 42 19

0 0 0

0 0 0

