LOUISIANA

Louisiana Department of Natural Resources Technology Assessment Division

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Highlights_

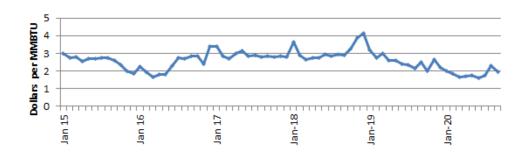
OCTOBER 2020

The West Texas Intermediate (WTI) September crude price average was \$39.63 per barrel. Prices have remained in the same general level since then, with some normal fluctuation. Crude oil production in the United States have also leveled off. In June, 2020, the United States averaged 10.4 million barrels per day, with the Gulf of Mexico producing 1.6 million barrels per day. Compared with May, these daily average production numbers were up, with a change in average production up 4.0% for the U.S. and down 3.1% for the Gulf. The WTI August crude price average was \$42.34 per barrel.

Louisiana Natural Gas Average Spot Prices

(Dollars per MMBTU)									
							% Change		
Month	2015	2016	2017	2018	2019	2020	18/19	19/20	
January	3.01	2.26	3.38	3.48	3.21	2.00		-37.82%	
February	2.74	1.93	2.84	2.79	2.74	1.86		-32.14%	
March	2.80	1.64	2.69	2.57	2.99	1.53		-48.77%	
April	2.53	1.81	3.01	2.63	2.61	1.41		-45.99%	
May	2.69	1.83	3.15	2.66	2.57	1.58		-38.56%	
June	2.70	2.29	2.87	2.81	2.38	1.52		-36.18%	
July	2.76	2.74	2.87	2.75	2.33	1.51		-35.15%	
August	2.75	2.68	2.82	2.83	2.14	1.98		-7.65%	
September	2.58	2.86	2.86	2.81	2.06	1.78		-13.60%	
October	2.35	2.84	2.81	3.11	1.83		-41.32%		
November	2.01	2.42	2.83	3.75	2.42		-35.45%		
December	1.85	3.39	2.79	3.99	2.31		-42.11%		
Year Average	2.56	2.39	2.91	3.01	2.57 **	1.69 "			

^{**} Partial Year



Louisiana DNR Technology Assessment Division

Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	APR 20	MAR 20	FEB 20	APR 19
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	54	57	46	57
Natural Gas & Casinghead (BCF)	74	81	72	84
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	360	395	369	364
Natural Gas & Casinghead ^C (BCF)	2,993	3,157	2,950	2,923
IMPORTS				
U.S. Crude Oil ^C (MMB)	166	195	189	211
U.S. Natural Gas ^C (BCF)	193	217	238	207
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	93	106	110	189
U.S. Oil ^A	473	665	680	824
U.S. Offshore A	17	20	23	19
U.S. Total ^A	565	771	790	1,026
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	22.79	28.04	53.00	70.54
U.S. Imports Average ^C (F.O.B.)	13.91	24.09	46.98	61.31
U.S. Wellhead Average ^C	15.99	31.80	50.03	63.01
Gulf OCS Wellhead Average ^C	20.37	38.06	53.70	66.35
State Severance Wellhead Average ^E	33.51	31.15	54.90	58.01
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	3.05	3.23	3.09	3.69
U.S. Imports Average ^C (F.O.B.)	1.50	1.71	2.16	2.14
U.S. Spot Market Average ^D	1.47	1.59	1.94	2.27
State Royalty Wellhead Average	1.29	1.53	1.70	2.54
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	1.63	1.82	1.89	2.71

Key Data Sources

1	Estimated	MCF	Thousand Cubic Feet	Α	Oil & Gas Journal	D	Natural Gas Week
2	Revised	MMB	Million Barrels	В	Wall Street Journal	E	LA Dept of Revenue
BCF	Billion Cubic Feet	N/A	Not Available	C	U. S. Dept. of Energy	F	BOEM
BTU	British Thermal Unit	ocs	Outer Continental Shelf				
FOR	Free on Board	MMRTII	Million British Thermal Units	Note	Unless otherwise specif	ied d	ata is from the Louisian

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.

To request notification of when the Louisiana Energy Facts is available online, contact us at techasmt@la.gov with your name, title, company name, email address, and phone number. Please specify that you would like to be added to our email notification database for an electronic subscription.

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)

		SOUTH	SOUTH	FEDERAL	TOTAL	TOTAL
YEAR	NORTH	ONSHORE	OFFSHORE	ocs	LOUISIANA	US
2002	4,245	4,224	491	18,500 °	27,460 °	186,946
2003	5,074	3,746	506	16,728 °	26,054 °	189,044
2004	5,770	3,436	382	14,685 °	24,273 °	192,513
2005	6,695	3,334	418	13,665 °	24,112 °	204,385
2006	6,715	3,335	424	11,824 °	22,298 °	211,085
2007	6,344	3,323	378	11,090 °	21,135 °	237,726
2008	7,876	2,799	898	10,450 °	22,023 °	244,656
2009	17,146	2,844	701	9,362 °	30,053 °	272,509
2010	26,030	2,876	371	8,896 °	38,173 °	304,625
2011	27,337	2,519	502	8,156 °	38,514 °	334,067
2012	18,418	3,029	502	7,291 °	29,240 °	308,036
2013	17,044	2,718	402	6,482 °	26,646 °	328,264
2014	19,722	2,926	327	6,890 °	29,865 °	368,704
2015	13,593	2,279	225	5,909 °	22,006 °	307,730
2016	15,620	1,862	334	5,338 °	23,296 °	322,234
2017	33,805	2,092	222	5,372 °	41,491 °	438,460
2018	32,416	1,701	276	5,965 °	40,358 °	504,501
^c Includes F	ederal Offshor	re Alabama				

Louisiana Estimated Natural Gas Liquids Proved Reserves

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

FEDERAL

TOTAL

COULTIL

COUTH

		SOUTH	SOUTH	FEDERAL	TOTAL	TOTAL
YEAR	NORTH	ONSHORE	OFFSHORE	ocs	LOUISIANA	US
2002	30	119	37	483 °	669 °	6,648
2003	48	100	35	347 °	530 °	6,244
2004	53	87	27	410 °	577 °	6,707
2005	57	103	31	407 °	598 °	6,903
2006	60	94	22	390 °	566 °	7,133
2007	69	97	25	365 °	556 °	7,648
2008	68	78	55	313 °	514 °	7,842
2009	98	90	43	301 °	532 °	8,557
2010	79	113	24	340 °	556 °	9,809
2011	54	94	44	354 °	546 °	10,825
2012	35	134	20	369 °	558 °	10,777
2013	52	144	16	292 °	504 °	11,943
2014	83	145	15	367 °	610 °	15,029
2015	75	127	16	292 °	510 °	12,757
2016	83	96	18	384 °	581 °	18,899
2017	176	90	15	384 °	665 °	19,243
2018	129	76	22	385 °	612 °	18,544
C						

^C Includes Federal Offshore Alabama

TOTAL



LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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Awareness Month

Quick Facts

OCTOBER 2020

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES	Sep 20	Aug 20	Sep 19
Louisiana Natural Gas ^D (\$/MMBTU)	2.16	2.58	2.16
NYMEX Henry Hub Last Settle Gas Price (\$/MMBTU)	1.93	2.27	2.54
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	41.04	44.00	61.10
BAKER HUGHES RIG COUNTS	Aug 20	Jul 20	Aug 19
North Louisiana ^A	32	20	32
South Louisiana Inland Waters ^A	1	0	1
South Louisiana Inland ^A	4	0	4
Louisiana State Offshore	0	0	0
Louisiana Federal OCS Offshore	24	10	24
Total Louisiana ^A (OCS included)	61	30	61
PRODUCTION (State Jurisdiction Only)	Aug 20	Jul 20	Aug 19
Louisiana Crude Oil & Condensate (MMB)	3.1 ¹	3.0 ¹	3.9
Louisiana Natural Gas & Casinghead (BCF)	252.4 ¹	248.6 ¹	263.5
DRILLING PERMITS (State Jurisdiction Only)	Aug 20	Jul 20	Aug 19
Total Louisiana Oil and Gas	45	19	48
Louisiana Wildcats	0	0	1
Louisiana Offshore (Wildcats included)	0	0	3