



**CRUDE OIL PRICE BULLETIN - RECAP
NOVEMBER
2019**

**PLAINS MARKETING, L.P.
333 CLAY, SUITE 1600
P.O. BOX 4648
HOUSTON, TEXAS 77002**

Effective 7:00 AM on the effective date(s) shown, subject to change without notice and subject to its division orders and other contracts Plains Marketing LP will pay the following prices adjusted for American Petroleum Institute (API) gravity per barrel.

BULLETIN No:	2019-211	2019-212	2019-213	2019-214	2019-215	2019-216
EFFECTIVE DATE:	10/31/19	11/01/19	11/04/19	11/05/19	11/06/19	11/07/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	50.25 *	52.25 *	52.25	53.25 *	52.25 *	53.25 *
West Texas Intermediate - All Other Areas.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
West Texas Sour.....	48.55 *	50.75 *	50.75	51.75 *	50.75 *	51.75 *
West Central Texas.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
North Texas Sweet.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
North Texas (Cooke & Grayson) Sour.....	48.25 *	50.25 *	50.25	51.25 *	50.25 *	51.25 *
East Texas Field.....	48.00 *	50.00 *	50.00	51.00 *	50.00 *	51.00 *
East Texas (Other than E.. TX.. Field).....	48.00 *	50.00 *	50.00	51.00 *	50.00 *	51.00 *
East Texas Sour.....	47.00 *	49.00 *	49.00	50.00 *	49.00 *	50.00 *
East Texas Light Sour.....	48.00 *	50.00 *	50.00	51.00 *	50.00 *	51.00 *
East Texas Condensate.....	46.00 *	48.00 *	48.00	49.00 *	48.00 *	49.00 *
Texas Upper Gulf Coast.....	44.50 *	46.50 *	46.50	47.50 *	46.50 *	47.50 *
Texas Central Gulf Coast (Giddings).....	44.50 *	46.50 *	46.50	47.50 *	46.50 *	47.50 *
South Texas Light (Sweet).....	44.50 *	46.50 *	46.50	47.50 *	46.50 *	47.50 *
South Texas Heavy.....	44.25 *	46.25 *	46.25	47.25 *	46.25 *	47.25 *
South Texas Sour.....	38.00 *	40.00 *	40.00	41.00 *	40.00 *	41.00 *
Texas Panhandle.....	50.25 *	52.25 *	52.25	53.25 *	52.25 *	53.25 *
South Texas Sweet.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
Eagle Ford Light.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
NEW MEXICO						
New Mexico Intermediate.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
New Mexico Sour.....	48.55 *	50.75 *	50.75	51.75 *	50.75 *	51.75 *
LOUISIANA						
North Louisiana.....	47.75 *	49.75 *	49.75	50.75 *	49.75 *	50.75 *
Central Louisiana Sweet.....	50.25 *	52.25 *	52.25	53.25 *	52.25 *	53.25 *
North Louisiana Nacatoch.....	51.25 *	53.25 *	53.25	54.25 *	53.25 *	54.25 *
Central Louisiana LCT.....	50.50 *	52.50 *	52.50	53.50 *	52.50 *	53.50 *
North Louisiana Condensate.....	47.75 *	49.75 *	49.75	50.75 *	49.75 *	50.75 *
South Louisiana Light Sweet (Onshore).....	49.25 *	51.25 *	51.25	52.25 *	51.25 *	52.25 *
South Louisiana Eugene Island (Onshore).....	46.25 *	48.25 *	48.25	49.25 *	48.25 *	49.25 *
South Arkansas and North Louisiana Sour.....	46.75 *	48.75 *	48.75	49.75 *	48.75 *	49.75 *
MISSISSIPPI						
Mississippi Light Sweet.....	49.25 *	51.25 *	51.25	52.25 *	51.25 *	52.25 *
Mississippi Light Sour.....	44.25 *	46.25 *	46.25	47.25 *	46.25 *	47.25 *
COLORADO						
Colorado Southeastern.....	41.25 *	43.25 *	43.25	44.25 *	43.25 *	44.25 *
ILLINOIS						
Illinois Sweet.....	47.25 *	49.25 *	49.25	50.25 *	49.25 *	50.25 *
INDIANA						
Indiana Sweet.....	47.25 *	49.25 *	49.25	50.25 *	49.25 *	50.25 *
KANSAS						
Kansas Common.....	41.10 *	43.10 *	43.10	44.10 *	43.10 *	44.10 *
Eastern Kansas Common.....	41.00 *	43.00 *	43.00	44.00 *	43.00 *	44.00 *
Eastern Kansas Common Special.....	36.95 *	38.95 *	38.95	39.95 *	38.95 *	39.95 *
Northwestern Kansas Sweet.....	42.25 *	44.25 *	44.25	45.25 *	44.25 *	45.25 *
Southwestern Kansas Sweet.....	42.75 *	44.75 *	44.75	45.75 *	44.75 *	45.75 *
Central Kansas Sweet.....	44.35 *	46.35 *	46.35	47.35 *	46.35 *	47.35 *
NEBRASKA						
Nebraska Western.....	42.05 *	44.05 *	44.05	45.05 *	44.05 *	45.05 *
Nebraska Intermediate.....	40.75 *	42.75 *	42.75	43.75 *	42.75 *	43.75 *
OKLAHOMA						
Domestic Sweet (Cushing).....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
Oklahoma Sweet.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
Oklahoma Sweet Special.....	46.75 *	48.75 *	48.75	49.75 *	48.75 *	49.75 *
Oklahoma Sweet-Central.....	50.75 *	52.75 *	52.75	53.75 *	52.75 *	53.75 *
Western Oklahoma.....	46.25 *	48.25 *	48.25	49.25 *	48.25 *	49.25 *
Oklahoma Panhandle.....	45.75 *	47.75 *	47.75	48.75 *	47.75 *	48.75 *
Oklahoma Sour.....	38.25 *	40.25 *	40.25	41.25 *	40.25 *	41.25 *
Oklahoma Condensate.....	48.72 *	50.64 *	50.64	51.60 *	50.64 *	51.60 *
Oklahoma Condensate Light.....	47.71 *	49.59 *	49.59	50.53 *	49.59 *	50.53 *
WYOMING						
Wyoming Southwestern Area.....	47.33 *	49.33 *	49.33	50.33 *	49.33 *	50.33 *
Wyoming Sweet other Areas.....	47.85 *	49.85 *	49.85	50.85 *	49.85 *	50.85 *

(1) The gravity adjustment scale and other terms are set forth on Page 5.

www.plainsallamerican.com or www.paalp.com for price bulletin information.

**CRUDE OIL PRICE BULLETIN - RECAP
NOVEMBER
2019**



**PLAINS MARKETING, L.P.
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HOUSTON, TEXAS 77002**

BULLETIN No:	2019-217	2019-218	2019-219	2019-220	2019-221	2019-222
EFFECTIVE DATE:	11/08/19	11/11/19	11/12/19	11/13/19	11/14/19	11/15/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	53.25 *	52.75 *	52.75	53.00 *	52.75 *	53.75 *
West Texas Intermediate - All Other Areas.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
West Texas Sour.....	51.75 *	51.25 *	51.25	51.50 *	51.25 *	52.25 *
West Central Texas.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
North Texas Sweet.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
North Texas (Cooke & Grayson) Sour.....	51.25 *	50.75 *	50.75	51.00 *	50.75 *	51.75 *
East Texas Field.....	51.00 *	50.50 *	50.50	50.75 *	50.50 *	51.50 *
East Texas (Other than E.. TX.. Field).....	51.00 *	50.50 *	50.50	50.75 *	50.50 *	51.50 *
East Texas Sour.....	50.00 *	49.50 *	49.50	49.75 *	49.50 *	50.50 *
East Texas Light Sour.....	51.00 *	50.50 *	50.50	50.75 *	50.50 *	51.50 *
East Texas Condensate.....	49.00 *	48.50 *	48.50	48.75 *	48.50 *	49.50 *
Texas Upper Gulf Coast.....	47.50 *	47.00 *	47.00	47.25 *	47.00 *	48.00 *
Texas Central Gulf Coast (Giddings).....	47.50 *	47.00 *	47.00	47.25 *	47.00 *	48.00 *
South Texas Light (Sweet).....	47.50 *	47.00 *	47.00	47.25 *	47.00 *	48.00 *
South Texas Heavy.....	47.25 *	46.75 *	46.75	47.00 *	46.75 *	47.75 *
South Texas Sour.....	41.00 *	40.50 *	40.50	40.75 *	40.50 *	41.50 *
Texas Panhandle.....	53.25 *	52.75 *	52.75	53.00 *	52.75 *	53.75 *
South Texas Sweet.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
Eagle Ford Light.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
NEW MEXICO						
New Mexico Intermediate.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
New Mexico Sour.....	51.75 *	51.25 *	51.25	51.50 *	51.25 *	52.25 *
LOUISIANA						
North Louisiana.....	50.75 *	50.25 *	50.25	50.50 *	50.25 *	51.25 *
Central Louisiana Sweet.....	53.25 *	52.75 *	52.75	53.00 *	52.75 *	53.75 *
North Louisiana Nacatoch.....	54.25 *	53.75 *	53.75	54.00 *	53.75 *	54.75 *
Central Louisiana LCT.....	53.50 *	53.00 *	53.00	53.25 *	53.00 *	54.00 *
North Louisiana Condensate.....	50.75 *	50.25 *	50.25	50.50 *	50.25 *	51.25 *
South Louisiana Light Sweet (Onshore).....	52.25 *	51.75 *	51.75	52.00 *	51.75 *	52.75 *
South Louisiana Eugene Island (Onshore).....	49.25 *	48.75 *	48.75	49.00 *	48.75 *	49.75 *
South Arkansas and North Louisiana Sour.....	49.75 *	49.25 *	49.25	49.50 *	49.25 *	50.25 *
MISSISSIPPI						
Mississippi Light Sweet.....	52.25 *	51.75 *	51.75	52.00 *	51.75 *	52.75 *
Mississippi Light Sour.....	47.25 *	46.75 *	46.75	47.00 *	46.75 *	47.75 *
COLORADO						
Colorado Southeastern.....	44.25 *	43.75 *	43.75	44.00 *	43.75 *	44.75 *
ILLINOIS						
Illinois Sweet.....	50.25 *	49.75 *	49.75	50.00 *	49.75 *	50.75 *
INDIANA						
Indiana Sweet.....	50.25 *	49.75 *	49.75	50.00 *	49.75 *	50.75 *
KANSAS						
Kansas Common.....	44.10 *	43.60 *	43.60	43.85 *	43.60 *	44.60 *
Eastern Kansas Common.....	44.00 *	43.50 *	43.50	43.75 *	43.50 *	44.50 *
Eastern Kansas Common Special.....	39.95 *	39.45 *	39.45	39.70 *	39.45 *	40.45 *
Northwestern Kansas Sweet.....	45.25 *	44.75 *	44.75	45.00 *	44.75 *	45.75 *
Southwestern Kansas Sweet.....	45.75 *	45.25 *	45.25	45.50 *	45.25 *	46.25 *
Central Kansas Sweet.....	47.35 *	46.85 *	46.85	47.10 *	46.85 *	47.85 *
NEBRASKA						
Nebraska Western.....	45.05 *	44.55 *	44.55	44.80 *	44.55 *	45.55 *
Nebraska Intermediate.....	43.75 *	43.25 *	43.25	43.50 *	43.25 *	44.25 *
OKLAHOMA						
Domestic Sweet (Cushing).....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
Oklahoma Sweet.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
Oklahoma Sweet Special.....	49.75 *	49.25 *	49.25	49.50 *	49.25 *	50.25 *
Oklahoma Sweet-Central.....	53.75 *	53.25 *	53.25	53.50 *	53.25 *	54.25 *
Western Oklahoma.....	49.25 *	48.75 *	48.75	49.00 *	48.75 *	49.75 *
Oklahoma Panhandle.....	48.75 *	48.25 *	48.25	48.50 *	48.25 *	49.25 *
Oklahoma Sour.....	41.25 *	40.75 *	40.75	41.00 *	40.75 *	41.75 *
Oklahoma Condensate.....	51.60 *	51.12 *	51.12	51.36 *	51.12 *	52.08 *
Oklahoma Condensate Light.....	50.53 *	50.06 *	50.06	50.29 *	50.06 *	51.00 *
WYOMING						
Wyoming Southwestern Area.....	50.33 *	49.83 *	49.83	50.08 *	49.83 *	50.83 *
Wyoming Sweet other Areas.....	50.85 *	50.35 *	50.35	50.60 *	50.35 *	51.35 *

(1) The gravity adjustment scale and other terms are set forth on Page 5.

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BULLETIN No:	2019-223	2019-224	2019-225	2019-226	2019-227	2019-228
EFFECTIVE DATE:	11/18/19	11/19/19	11/20/19	11/21/19	11/22/19	11/25/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	53.00 *	51.25 *	53.00 *	54.50 *	53.75 *	54.00 *
West Texas Intermediate - All Other Areas.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
West Texas Sour.....	51.50 *	49.75 *	51.50 *	53.00 *	52.25 *	52.50 *
West Central Texas.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
North Texas Sweet.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
North Texas (Cooke & Grayson) Sour.....	51.00 *	49.25 *	51.00 *	52.50 *	51.75 *	52.00 *
East Texas Field.....	50.75 *	49.00 *	50.75 *	52.25 *	51.50 *	51.75 *
East Texas (Other than E.. TX.. Field).....	50.75 *	49.00 *	50.75 *	52.25 *	51.50 *	51.75 *
East Texas Sour.....	49.75 *	48.00 *	49.75 *	51.25 *	50.50 *	50.75 *
East Texas Light Sour.....	50.75 *	49.00 *	50.75 *	52.25 *	51.50 *	51.75 *
East Texas Condensate.....	48.75 *	47.00 *	48.75 *	50.25 *	49.50 *	49.75 *
Texas Upper Gulf Coast.....	47.25 *	45.50 *	47.25 *	48.75 *	48.00 *	48.25 *
Texas Central Gulf Coast (Giddings).....	47.25 *	45.50 *	47.25 *	48.75 *	48.00 *	48.25 *
South Texas Light (Sweet).....	47.25 *	45.50 *	47.25 *	48.75 *	48.00 *	48.25 *
South Texas Heavy.....	47.00 *	45.25 *	47.00 *	48.50 *	47.75 *	48.00 *
South Texas Sour.....	40.75 *	39.00 *	40.75 *	42.25 *	41.50 *	41.75 *
Texas Panhandle.....	53.00 *	51.25 *	53.00 *	54.50 *	53.75 *	54.00 *
South Texas Sweet.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
Eagle Ford Light.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
NEW MEXICO						
New Mexico Intermediate.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
New Mexico Sour.....	51.50 *	49.75 *	51.50 *	53.00 *	52.25 *	52.50 *
LOUISIANA						
North Louisiana.....	50.50 *	48.75 *	50.50 *	52.00 *	51.25 *	51.50 *
Central Louisiana Sweet.....	53.00 *	51.25 *	53.00 *	54.50 *	53.75 *	54.00 *
North Louisiana Nacatoch.....	54.00 *	52.25 *	54.00 *	55.50 *	54.75 *	55.00 *
Central Louisiana LCT.....	53.25 *	51.50 *	53.25 *	54.75 *	54.00 *	54.25 *
North Louisiana Condensate.....	50.50 *	48.75 *	50.50 *	52.00 *	51.25 *	51.50 *
South Louisiana Light Sweet (Onshore).....	52.00 *	50.25 *	52.00 *	53.50 *	52.75 *	53.00 *
South Louisiana Eugene Island (Onshore).....	49.00 *	47.25 *	49.00 *	50.50 *	49.75 *	50.00 *
South Arkansas and North Louisiana Sour.....	49.50 *	47.75 *	49.50 *	51.00 *	50.25 *	50.50 *
MISSISSIPPI						
Mississippi Light Sweet.....	52.00 *	50.25 *	52.00 *	53.50 *	52.75 *	53.00 *
Mississippi Light Sour.....	47.00 *	45.25 *	47.00 *	48.50 *	47.75 *	48.00 *
COLORADO						
Colorado Southeastern.....	44.00 *	42.25 *	44.00 *	45.50 *	44.75 *	45.00 *
ILLINOIS						
Illinois Sweet.....	50.00 *	48.25 *	50.00 *	51.50 *	50.75 *	51.00 *
INDIANA						
Indiana Sweet.....	50.00 *	48.25 *	50.00 *	51.50 *	50.75 *	51.00 *
KANSAS						
Kansas Common.....	43.85 *	42.10 *	43.85 *	45.35 *	44.60 *	44.85 *
Eastern Kansas Common.....	43.75 *	42.00 *	43.75 *	45.25 *	44.50 *	44.75 *
Eastern Kansas Common Special.....	39.70 *	37.95 *	39.70 *	41.20 *	40.45 *	40.70 *
Northwestern Kansas Sweet.....	45.00 *	43.25 *	45.00 *	46.50 *	45.75 *	46.00 *
Southwestern Kansas Sweet.....	45.50 *	43.75 *	45.50 *	47.00 *	46.25 *	46.50 *
Central Kansas Sweet.....	47.10 *	45.35 *	47.10 *	48.60 *	47.85 *	48.10 *
NEBRASKA						
Nebraska Western.....	44.80 *	43.05 *	44.80 *	46.30 *	45.55 *	45.80 *
Nebraska Intermediate.....	43.50 *	41.75 *	43.50 *	45.00 *	44.25 *	44.50 *
OKLAHOMA						
Domestic Sweet (Cushing).....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
Oklahoma Sweet.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
Oklahoma Sweet Special.....	49.50 *	47.75 *	49.50 *	51.00 *	50.25 *	50.50 *
Oklahoma Sweet-Central.....	53.50 *	51.75 *	53.50 *	55.00 *	54.25 *	54.50 *
Western Oklahoma.....	49.00 *	47.25 *	49.00 *	50.50 *	49.75 *	50.00 *
Oklahoma Panhandle.....	48.50 *	46.75 *	48.50 *	50.00 *	49.25 *	49.50 *
Oklahoma Sour.....	41.00 *	39.25 *	41.00 *	42.50 *	41.75 *	42.00 *
Oklahoma Condensate.....	51.36 *	49.68 *	51.36 *	52.80 *	52.08 *	52.32 *
Oklahoma Condensate Light.....	50.29 *	48.65 *	50.29 *	51.70 *	51.00 *	51.23 *
WYOMING						
Wyoming Southwestern Area.....	50.08 *	48.33 *	50.08 *	51.58 *	50.83 *	51.08 *
Wyoming Sweet other Areas.....	50.60 *	48.85 *	50.60 *	52.10 *	51.35 *	51.60 *

(1) The gravity adjustment scale and other terms are set forth on Page 5.

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NOVEMBER
2019**



**PLAINS MARKETING, L.P.
333 CLAY, SUITE 1600
P.O. BOX 4648
HOUSTON, TEXAS 77002**

BULLETIN No:	2019-229	2019-230	2019-231
EFFECTIVE DATE:	11/26/19	11/27/19	11/29/19
	\$/BBL	\$/BBL	\$/BBL
TEXAS			
West Texas Intermediate - Area #1.....	54.50 *	54.00 *	51.25 *
West Texas Intermediate - All Other Areas.....	55.00 *	54.50 *	51.75 *
West Texas Sour.....	53.00 *	52.50 *	49.75 *
West Central Texas.....	55.00 *	54.50 *	51.75 *
North Texas Sweet.....	55.00 *	54.50 *	51.75 *
North Texas (Cooke & Grayson) Sour.....	52.50 *	52.00 *	49.25 *
East Texas Field.....	52.25 *	51.75 *	49.00 *
East Texas (Other than E.. TX.. Field).....	52.25 *	51.75 *	49.00 *
East Texas Sour.....	51.25 *	50.75 *	48.00 *
East Texas Light Sour.....	52.25 *	51.75 *	49.00 *
East Texas Condensate.....	50.25 *	49.75 *	47.00 *
Texas Upper Gulf Coast.....	48.75 *	48.25 *	45.50 *
Texas Central Gulf Coast (Giddings).....	48.75 *	48.25 *	45.50 *
South Texas Light (Sweet).....	48.75 *	48.25 *	45.50 *
South Texas Heavy.....	48.50 *	48.00 *	45.25 *
South Texas Sour.....	42.25 *	41.75 *	39.00 *
Texas Panhandle.....	54.50 *	54.00 *	51.25 *
South Texas Sweet.....	55.00 *	54.50 *	51.75 *
Eagle Ford Light.....	55.00 *	54.50 *	51.75 *
NEW MEXICO			
New Mexico Intermediate.....	55.00 *	54.50 *	51.75 *
New Mexico Sour.....	53.00 *	52.50 *	49.75 *
LOUISIANA			
North Louisiana.....	52.00 *	51.50 *	48.75 *
Central Louisiana Sweet.....	54.50 *	54.00 *	51.25 *
North Louisiana Nacatoch.....	55.50 *	55.00 *	52.25 *
Central Louisiana LCT.....	54.75 *	54.25 *	51.50 *
North Louisiana Condensate.....	52.00 *	51.50 *	48.75 *
South Louisiana Light Sweet (Onshore).....	53.50 *	53.00 *	50.25 *
South Louisiana Eugene Island (Onshore).....	50.50 *	50.00 *	47.25 *
South Arkansas and North Louisiana Sour.....	51.00 *	50.50 *	47.75 *
MISSISSIPPI			
Mississippi Light Sweet.....	53.50 *	53.00 *	50.25 *
Mississippi Light Sour.....	48.50 *	48.00 *	45.25 *
COLORADO			
Colorado Southeastern.....	45.50 *	45.00 *	42.25 *
ILLINOIS			
Illinois Sweet.....	51.50 *	51.00 *	48.25 *
INDIANA			
Indiana Sweet.....	51.50 *	51.00 *	48.25 *
KANSAS			
Kansas Common.....	45.35 *	44.85 *	42.10 *
Eastern Kansas Common.....	45.25 *	44.75 *	42.00 *
Eastern Kansas Common Special.....	41.20 *	40.70 *	37.95 *
Northwestern Kansas Sweet.....	46.50 *	46.00 *	43.25 *
Southwestern Kansas Sweet.....	47.00 *	46.50 *	43.75 *
Central Kansas Sweet.....	48.60 *	48.10 *	45.35 *
NEBRASKA			
Nebraska Western.....	46.30 *	45.80 *	43.05 *
Nebraska Intermediate.....	45.00 *	44.50 *	41.75 *
OKLAHOMA			
Domestic Sweet (Cushing).....	55.00 *	54.50 *	51.75 *
Oklahoma Sweet.....	55.00 *	54.50 *	51.75 *
Oklahoma Sweet Special.....	51.00 *	50.50 *	47.75 *
Oklahoma Sweet-Central.....	55.00 *	54.50 *	51.75 *
Western Oklahoma.....	50.50 *	50.00 *	47.25 *
Oklahoma Panhandle.....	50.00 *	49.50 *	46.75 *
Oklahoma Sour.....	42.50 *	42.00 *	39.25 *
Oklahoma Condensate.....	52.80 *	52.32 *	49.68 *
Oklahoma Condensate Light.....	51.70 *	51.23 *	48.65 *
WYOMING			
Wyoming Southwestern Area.....	51.58 *	51.08 *	48.33 *
Wyoming Sweet other Areas.....	52.10 *	51.60 *	48.85 *

(1) The gravity adjustment scale and other terms are set forth on Page 5.

**CRUDE OIL PRICE BULLETIN - RECAP
NOVEMBER
2019**



PLAINS MARKETING, L.P.
333 CLAY, SUITE 1600
P.O. BOX 4648
HOUSTON, TEXAS 77002

BULLETIN No: EFFECTIVE DATE:	November 2019 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	53.0667	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	53.5667	2045	WTI	40.0-44.9	1
West Texas Sour.....	51.5667	2044	WTS	34.0-44.9	4
West Central Texas.....	53.5667	2090	WTI	40.0-44.9	1
North Texas Sweet.....	53.5667	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	51.0667	2072	WTS	40.0-44.9	3
East Texas Field.....	50.8167	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	50.8167	2001	ETS	40.0-44.9	1
East Texas Sour.....	49.8167	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	50.8167	2111	ETR	34.0-44.9	4
East Texas Condensate.....	48.8167	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	47.3167	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	47.3167	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	47.3167	2026	STL	40.0-44.9	1
South Texas Heavy.....	47.0667	2054	STH	29.0-44.9	5
South Texas Sour.....	40.8167	2050	STS	34.0-44.9	4
Texas Panhandle.....	53.0667	2120	TXP	40.0+	15
South Texas Sweet.....	53.5667	2150	STS	40.0-44.9	16
Eagle Ford Light.....	53.5667	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	53.5667	2100	WTI	40.0-44.9	1
New Mexico Sour.....	51.5667	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	50.5667	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	53.0667	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	54.0667	2118	NLN	Flat	Flat
Central Louisiana LCT.....	53.3167	2119	LCT	Flat	Flat
North Louisiana Condensate.....	50.5667	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	52.0667	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	49.0667	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	49.5667	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	52.0667	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	47.0667	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	44.0667	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	50.0667	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	50.0667	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	43.9167	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	43.8167	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	39.7667	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	45.0667	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	45.5667	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	47.1667	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	44.8667	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	43.5667	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	53.5667	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	53.5667	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	49.5667	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	53.5667	2051	OKA	40.0-44.9	2
Western Oklahoma.....	49.0667	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	48.5667	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	41.0667	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	51.4240	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	50.3563	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	50.1467	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	50.6667	2083	WYS	40.0-44.9	1

GRAVITY ADJUSTMENT SCALE

1. Less \$0.02 per barrel for each full degree API below 40.9°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
2. Less \$0.02 per barrel for each full degree API below 40.9° to 35.0°, then less \$0.015 per barrel for each 0.1 degree API below 35.0°; less \$0.015 per barrel, for each 0.1 degree API above 44.9°.
3. Less \$0.015 per barrel for each 0.1 degree API below 40.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
4. Less \$0.015 per barrel for each 0.1 degree API below 34.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
5. Less \$0.02 per barrel for each full degree API below 29.9° to 19.9°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
6. Less \$0.10 per barrel for each full degree API below 40.9°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
7. Less \$0.02 per barrel for each full degree API below 40.9°; less \$0.015 per barrel for each 0.1 degree API above 50.0°.
8. Less \$0.02 per barrel for each full degree API below 40.9° to 36.9°, then less \$0.04 per barrel for each full degree API from 36.9° to 34.0°, then less \$0.02 per barrel for each 0.1 degree API below 34.0°, and less \$0.015 per barrel for each 0.1 degree API above 44.9°.
9. Less \$0.015 per barrel for each 0.1 degree API below 27°.
10. Less \$0.02 per barrel for each full degree API below 40.9° to 35.0°, then less \$0.015 per barrel for each 0.1 degree API below 35.0°; less \$0.015 per barrel for each 0.1 degree API above 60.0°.
11. Less \$0.015 per barrel for each 0.1 degree API below 30.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
12. Less \$0.02 per barrel for each full degree API below 40.9° to 19.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
13. Less \$0.015 per 0.1 degree API below 40.0° to 35.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
14. Less \$0.015 per barrel for each 0.1 degree API below 40.0°.
15. Less \$0.02 per barrel for each full degree API below 40.9°.
16. Less \$0.03 per barrel for each 0.1 API above 45.0°.
17. Less \$0.03 per barrel for each 0.1 API above 50.0°.
18. Less \$0.015 per barrel for each 0.1 degree API above 45.0°; then less \$0.10 per barrel for each 0.1 degree API above 48.0°; then less \$0.20 per barrel for each 0.1 degree API above 50.0°.

SELLER WARRANTS THAT THE CRUDE OIL AND CONDENSATE DELIVERED TO PLAINS MARKETING, L.P. SHALL BE OF MERCHANTABLE QUALITY AND FIT FOR NORMAL REFINERY PROCESSING. MERCHANTABLE CRUDE OIL AND CONDENSATE IS DEFINED AS VIRGIN CRUDE OIL AND/OR CONDENSATE PRODUCED FROM WELLS WHICH ARE FREE OF FOREIGN CONTAMINATION, WHETHER INJECTED OR OUTSIDE, AND FREE OF ADDED CHEMICALS CONTAINING, BY WAY OF ILLUSTRATION AND NOT OF LIMITATION, HALOGENATED ORGANIC COMPOUNDS AND/OR OXYGENATED COMPOUNDS. PLAINS MARKETING, L.P. MAY RETURN ANY CRUDE OIL OR CONDENSATE CONTAINING CONTAMINANTS IN WHICH EVENT SELLER AGREES TO ACCEPT RETURNED CRUDE OIL OR CONDENSATE, REIMBURSE PLAINS MARKETING, L.P. FOR ANY COSTS INCURRED, AND BE LIABLE FOR ALL DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES AND LOSS OF PROFITS SUFFERED BY PLAINS MARKETING, L.P. AND/OR ITS CUSTOMERS. PLAINS MARKETING, L.P. RESERVES THE RIGHT TO REFUSE CRUDE OIL OR CONDENSATE HAVING A REID VAPOR PRESSURE OF 9 PSI OR ABOVE.

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Individual transaction prices vary due to competitive conditions, distance and other differentials, and appropriate charges where applicable, such as, by way of illustration and not of limitation, adjustments to price where special protective equipment and/or a second driver/operator shall be necessary. Administrative costs associated with disbursements to multiple ownership interests may affect transactions.

NOTES:

West Texas Intermediate - Area #1 includes the following counties: Irion, Tom Green, Concho, McCulloch, Jeff Davis, Pecos, Crockett, Schleicher, Menard, Sutton, Kimble, Terrell, Brewster and Presidio.

Oklahoma Sweet - Except Western and Panhandle.

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