



**CRUDE OIL PRICE BULLETIN - RECAP
DECEMBER
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:	2019-231	2019-232	2019-233	2019-234	2019-235	2019-236
EFFECTIVE DATE:	11/29/19	12/02/19	12/03/19	12/04/19	12/05/19	12/06/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	51.25 *	51.75 *	52.25 *	54.25 *	54.50 *	55.25 *
West Texas Intermediate - All Other Areas.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
West Texas Sour.....	49.75 *	51.55 *	51.40 *	53.40 *	53.65 *	54.40 *
West Central Texas.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
North Texas Sweet.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
North Texas (Cooke & Grayson) Sour.....	49.25 *	49.75 *	50.25 *	52.25 *	52.50 *	53.25 *
East Texas Field.....	49.00 *	49.50 *	50.00 *	52.00 *	52.25 *	53.00 *
East Texas (Other than E.. TX.. Field).....	49.00 *	49.50 *	50.00 *	52.00 *	52.25 *	53.00 *
East Texas Sour.....	48.00 *	48.50 *	49.00 *	51.00 *	51.25 *	52.00 *
East Texas Light Sour.....	49.00 *	49.50 *	50.00 *	52.00 *	52.25 *	53.00 *
East Texas Condensate.....	47.00 *	47.50 *	48.00 *	50.00 *	50.25 *	51.00 *
Texas Upper Gulf Coast.....	45.50 *	46.00 *	46.50 *	48.50 *	48.75 *	49.50 *
Texas Central Gulf Coast (Giddings).....	45.50 *	46.00 *	46.50 *	48.50 *	48.75 *	49.50 *
South Texas Light (Sweet).....	45.50 *	46.00 *	46.50 *	48.50 *	48.75 *	49.50 *
South Texas Heavy.....	45.25 *	45.75 *	46.25 *	48.25 *	48.50 *	49.25 *
South Texas Sour.....	39.00 *	39.50 *	40.00 *	42.00 *	42.25 *	43.00 *
Texas Panhandle.....	51.25 *	51.75 *	52.25 *	54.25 *	54.50 *	55.25 *
South Texas Sweet.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
Eagle Ford Light.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
NEW MEXICO						
New Mexico Intermediate.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
New Mexico Sour.....	49.75 *	51.55 *	51.40 *	53.40 *	53.65 *	54.40 *
LOUISIANA						
North Louisiana.....	48.75 *	49.25 *	49.75 *	51.75 *	52.00 *	52.75 *
Central Louisiana Sweet.....	51.25 *	51.75 *	52.25 *	54.25 *	54.50 *	55.25 *
North Louisiana Nacatoch.....	52.25 *	52.75 *	53.25 *	55.25 *	55.50 *	56.25 *
Central Louisiana LCT.....	51.50 *	52.00 *	52.50 *	54.50 *	54.75 *	55.50 *
North Louisiana Condensate.....	48.75 *	49.25 *	49.75 *	51.75 *	52.00 *	52.75 *
South Louisiana Light Sweet (Onshore).....	50.25 *	50.75 *	51.25 *	53.25 *	53.50 *	54.25 *
South Louisiana Eugene Island (Onshore).....	47.25 *	47.75 *	48.25 *	50.25 *	50.50 *	51.25 *
South Arkansas and North Louisiana Sour.....	47.75 *	48.25 *	48.75 *	50.75 *	51.00 *	51.75 *
MISSISSIPPI						
Mississippi Light Sweet.....	50.25 *	50.75 *	51.25 *	53.25 *	53.50 *	54.25 *
Mississippi Light Sour.....	45.25 *	45.75 *	46.25 *	48.25 *	48.50 *	49.25 *
COLORADO						
Colorado Southeastern.....	42.25 *	42.75 *	43.25 *	45.25 *	45.50 *	46.25 *
ILLINOIS						
Illinois Sweet.....	48.25 *	48.75 *	49.25 *	51.25 *	51.50 *	52.25 *
INDIANA						
Indiana Sweet.....	48.25 *	48.75 *	49.25 *	51.25 *	51.50 *	52.25 *
KANSAS						
Kansas Common.....	42.10 *	42.60 *	43.10 *	45.10 *	45.35 *	46.10 *
Eastern Kansas Common.....	42.00 *	42.50 *	43.00 *	45.00 *	45.25 *	46.00 *
Eastern Kansas Common Special.....	37.95 *	38.45 *	38.95 *	40.95 *	41.20 *	41.95 *
Northwestern Kansas Sweet.....	43.25 *	43.75 *	44.25 *	46.25 *	46.50 *	47.25 *
Southwestern Kansas Sweet.....	43.75 *	44.25 *	44.75 *	46.75 *	47.00 *	47.75 *
Central Kansas Sweet.....	45.35 *	45.85 *	46.35 *	48.35 *	48.60 *	49.35 *
NEBRASKA						
Nebraska Western.....	43.05 *	43.55 *	44.05 *	46.05 *	46.30 *	47.05 *
Nebraska Intermediate.....	41.75 *	42.25 *	42.75 *	44.75 *	45.00 *	45.75 *
OKLAHOMA						
Domestic Sweet (Cushing).....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
Oklahoma Sweet.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
Oklahoma Sweet Special.....	47.75 *	48.25 *	48.75 *	50.75 *	51.00 *	51.75 *
Oklahoma Sweet-Central.....	51.75 *	52.25 *	52.75 *	54.75 *	55.00 *	55.75 *
Western Oklahoma.....	47.25 *	47.75 *	48.25 *	50.25 *	50.50 *	51.25 *
Oklahoma Panhandle.....	46.75 *	47.25 *	47.75 *	49.75 *	50.00 *	50.75 *
Oklahoma Sour.....	39.25 *	39.75 *	40.25 *	42.25 *	42.50 *	43.25 *
Oklahoma Condensate.....	49.68 *	50.16 *	50.64 *	52.56 *	52.80 *	53.52 *
Oklahoma Condensate Light.....	48.65 *	49.12 *	49.59 *	51.47 *	51.70 *	52.41 *
WYOMING						
Wyoming Southwestern Area.....	48.33 *	48.83 *	49.33 *	51.33 *	51.58 *	52.33 *
Wyoming Sweet other Areas.....	48.85 *	49.35 *	49.85 *	51.85 *	52.10 *	52.85 *

(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.



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2019**

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BULLETIN No:	2019-237	2019-238	2019-239	2019-240	2019-241	2019-242
EFFECTIVE DATE:	12/09/19	12/10/19	12/11/19	12/12/19	12/13/19	12/16/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	54.75 *	55.25 *	54.75 *	55.25 *	56.00 *	56.25 *
West Texas Intermediate - All Other Areas.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
West Texas Sour.....	53.90 *	54.40 *	53.90 *	54.40 *	55.15 *	55.40 *
West Central Texas.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
North Texas Sweet.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
North Texas (Cooke & Grayson) Sour.....	52.75 *	53.25 *	52.75 *	53.25 *	54.00 *	54.25 *
East Texas Field.....	52.50 *	53.00 *	52.50 *	53.00 *	53.75 *	54.00 *
East Texas (Other than E.. TX.. Field).....	52.50 *	53.00 *	52.50 *	53.00 *	53.75 *	54.00 *
East Texas Sour.....	51.50 *	52.00 *	51.50 *	52.00 *	52.75 *	53.00 *
East Texas Light Sour.....	52.50 *	53.00 *	52.50 *	53.00 *	53.75 *	54.00 *
East Texas Condensate.....	50.50 *	51.00 *	50.50 *	51.00 *	51.75 *	52.00 *
Texas Upper Gulf Coast.....	49.00 *	49.50 *	49.00 *	49.50 *	50.25 *	50.50 *
Texas Central Gulf Coast (Giddings).....	49.00 *	49.50 *	49.00 *	49.50 *	50.25 *	50.50 *
South Texas Light (Sweet).....	49.00 *	49.50 *	49.00 *	49.50 *	50.25 *	50.50 *
South Texas Heavy.....	48.75 *	49.25 *	48.75 *	49.25 *	50.00 *	50.25 *
South Texas Sour.....	42.50 *	43.00 *	42.50 *	43.00 *	43.75 *	44.00 *
Texas Panhandle.....	54.75 *	55.25 *	54.75 *	55.25 *	56.00 *	56.25 *
South Texas Sweet.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
Eagle Ford Light.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
NEW MEXICO						
New Mexico Intermediate.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
New Mexico Sour.....	53.90 *	54.40 *	53.90 *	54.40 *	55.15 *	55.40 *
LOUISIANA						
North Louisiana.....	52.25 *	52.75 *	52.25 *	52.75 *	53.50 *	53.75 *
Central Louisiana Sweet.....	54.75 *	55.25 *	54.75 *	55.25 *	56.00 *	56.25 *
North Louisiana Nacatoch.....	55.75 *	56.25 *	55.75 *	56.25 *	57.00 *	57.25 *
Central Louisiana LCT.....	55.00 *	55.50 *	55.00 *	55.50 *	56.25 *	56.50 *
North Louisiana Condensate.....	52.25 *	52.75 *	52.25 *	52.75 *	53.50 *	53.75 *
South Louisiana Light Sweet (Onshore).....	53.75 *	54.25 *	53.75 *	54.25 *	55.00 *	55.25 *
South Louisiana Eugene Island (Onshore).....	50.75 *	51.25 *	50.75 *	51.25 *	52.00 *	52.25 *
South Arkansas and North Louisiana Sour.....	51.25 *	51.75 *	51.25 *	51.75 *	52.50 *	52.75 *
MISSISSIPPI						
Mississippi Light Sweet.....	53.75 *	54.25 *	53.75 *	54.25 *	55.00 *	55.25 *
Mississippi Light Sour.....	48.75 *	49.25 *	48.75 *	49.25 *	50.00 *	50.25 *
COLORADO						
Colorado Southeastern.....	45.75 *	46.25 *	45.75 *	46.25 *	47.00 *	47.25 *
ILLINOIS						
Illinois Sweet.....	51.75 *	52.25 *	51.75 *	52.25 *	53.00 *	53.25 *
INDIANA						
Indiana Sweet.....	51.75 *	52.25 *	51.75 *	52.25 *	53.00 *	53.25 *
KANSAS						
Kansas Common.....	45.60 *	46.10 *	45.60 *	46.10 *	46.85 *	47.10 *
Eastern Kansas Common.....	45.50 *	46.00 *	45.50 *	46.00 *	46.75 *	47.00 *
Eastern Kansas Common Special.....	41.45 *	41.95 *	41.45 *	41.95 *	42.70 *	42.95 *
Northwestern Kansas Sweet.....	46.75 *	47.25 *	46.75 *	47.25 *	48.00 *	48.25 *
Southwestern Kansas Sweet.....	47.25 *	47.75 *	47.25 *	47.75 *	48.50 *	48.75 *
Central Kansas Sweet.....	48.85 *	49.35 *	48.85 *	49.35 *	50.10 *	50.35 *
NEBRASKA						
Nebraska Western.....	46.55 *	47.05 *	46.55 *	47.05 *	47.80 *	48.05 *
Nebraska Intermediate.....	45.25 *	45.75 *	45.25 *	45.75 *	46.50 *	46.75 *
OKLAHOMA						
Domestic Sweet (Cushing).....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
Oklahoma Sweet.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
Oklahoma Sweet Special.....	51.25 *	51.75 *	51.25 *	51.75 *	52.50 *	52.75 *
Oklahoma Sweet-Central.....	55.25 *	55.75 *	55.25 *	55.75 *	56.50 *	56.75 *
Western Oklahoma.....	50.75 *	51.25 *	50.75 *	51.25 *	52.00 *	52.25 *
Oklahoma Panhandle.....	50.25 *	50.75 *	50.25 *	50.75 *	51.50 *	51.75 *
Oklahoma Sour.....	42.75 *	43.25 *	42.75 *	43.25 *	44.00 *	44.25 *
Oklahoma Condensate.....	53.04 *	53.52 *	53.04 *	53.52 *	54.24 *	54.48 *
Oklahoma Condensate Light.....	51.94 *	52.41 *	51.94 *	52.41 *	53.11 *	53.35 *
WYOMING						
Wyoming Southwestern Area.....	51.83 *	52.33 *	51.83 *	52.33 *	53.08 *	53.33 *
Wyoming Sweet other Areas.....	52.35 *	52.85 *	52.35 *	52.85 *	53.60 *	53.85 *

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



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BULLETIN No:	2019-243	2019-244	2019-245	2019-246	2019-247	2019-248
EFFECTIVE DATE:	12/17/19	12/18/19	12/19/19	12/20/19	12/23/19	12/24/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	57.00 *	56.75 *	57.25 *	56.50 *	56.25 *	57.00 *
West Texas Intermediate - All Other Areas.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
West Texas Sour.....	56.15 *	55.90 *	56.40 *	55.65 *	55.40 *	56.15 *
West Central Texas.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
North Texas Sweet.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
North Texas (Cooke & Grayson) Sour.....	55.00 *	54.75 *	55.25 *	54.50 *	54.25 *	55.00 *
East Texas Field.....	54.75 *	54.50 *	55.00 *	54.25 *	54.00 *	54.75 *
East Texas (Other than E.. TX.. Field).....	54.75 *	54.50 *	55.00 *	54.25 *	54.00 *	54.75 *
East Texas Sour.....	53.75 *	53.50 *	54.00 *	53.25 *	53.00 *	53.75 *
East Texas Light Sour.....	54.75 *	54.50 *	55.00 *	54.25 *	54.00 *	54.75 *
East Texas Condensate.....	52.75 *	52.50 *	53.00 *	52.25 *	52.00 *	52.75 *
Texas Upper Gulf Coast.....	51.25 *	51.00 *	51.50 *	50.75 *	50.50 *	51.25 *
Texas Central Gulf Coast (Giddings).....	51.25 *	51.00 *	51.50 *	50.75 *	50.50 *	51.25 *
South Texas Light (Sweet).....	51.25 *	51.00 *	51.50 *	50.75 *	50.50 *	51.25 *
South Texas Heavy.....	51.00 *	50.75 *	51.25 *	50.50 *	50.25 *	51.00 *
South Texas Sour.....	44.75 *	44.50 *	45.00 *	44.25 *	44.00 *	44.75 *
Texas Panhandle.....	57.00 *	56.75 *	57.25 *	56.50 *	56.25 *	57.00 *
South Texas Sweet.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
Eagle Ford Light.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
NEW MEXICO						
New Mexico Intermediate.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
New Mexico Sour.....	56.15 *	55.90 *	56.40 *	55.65 *	55.40 *	56.15 *
LOUISIANA						
North Louisiana.....	54.50 *	54.25 *	54.75 *	54.00 *	53.75 *	54.50 *
Central Louisiana Sweet.....	57.00 *	56.75 *	57.25 *	56.50 *	56.25 *	57.00 *
North Louisiana Nacatoch.....	58.00 *	57.75 *	58.25 *	57.50 *	57.25 *	58.00 *
Central Louisiana LCT.....	57.25 *	57.00 *	57.50 *	56.75 *	56.50 *	57.25 *
North Louisiana Condensate.....	54.50 *	54.25 *	54.75 *	54.00 *	53.75 *	54.50 *
South Louisiana Light Sweet (Onshore).....	56.00 *	55.75 *	56.25 *	55.50 *	55.25 *	56.00 *
South Louisiana Eugene Island (Onshore).....	53.00 *	52.75 *	53.25 *	52.50 *	52.25 *	53.00 *
South Arkansas and North Louisiana Sour.....	53.50 *	53.25 *	53.75 *	53.00 *	52.75 *	53.50 *
MISSISSIPPI						
Mississippi Light Sweet.....	56.00 *	55.75 *	56.25 *	55.50 *	55.25 *	56.00 *
Mississippi Light Sour.....	51.00 *	50.75 *	51.25 *	50.50 *	50.25 *	51.00 *
COLORADO						
Colorado Southeastern.....	48.00 *	47.75 *	48.25 *	47.50 *	47.25 *	48.00 *
ILLINOIS						
Illinois Sweet.....	54.00 *	53.75 *	54.25 *	53.50 *	53.25 *	54.00 *
INDIANA						
Indiana Sweet.....	54.00 *	53.75 *	54.25 *	53.50 *	53.25 *	54.00 *
KANSAS						
Kansas Common.....	47.85 *	47.60 *	48.10 *	47.35 *	47.10 *	47.85 *
Eastern Kansas Common.....	47.75 *	47.50 *	48.00 *	47.25 *	47.00 *	47.75 *
Eastern Kansas Common Special.....	43.70 *	43.45 *	43.95 *	43.20 *	42.95 *	43.70 *
Northwestern Kansas Sweet.....	49.00 *	48.75 *	49.25 *	48.50 *	48.25 *	49.00 *
Southwestern Kansas Sweet.....	49.50 *	49.25 *	49.75 *	49.00 *	48.75 *	49.50 *
Central Kansas Sweet.....	51.10 *	50.85 *	51.35 *	50.60 *	50.35 *	51.10 *
NEBRASKA						
Nebraska Western.....	48.80 *	48.55 *	49.05 *	48.30 *	48.05 *	48.80 *
Nebraska Intermediate.....	47.50 *	47.25 *	47.75 *	47.00 *	46.75 *	47.50 *
OKLAHOMA						
Domestic Sweet (Cushing).....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
Oklahoma Sweet.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
Oklahoma Sweet Special.....	53.50 *	53.25 *	53.75 *	53.00 *	52.75 *	53.50 *
Oklahoma Sweet-Central.....	57.50 *	57.25 *	57.75 *	57.00 *	56.75 *	57.50 *
Western Oklahoma.....	53.00 *	52.75 *	53.25 *	52.50 *	52.25 *	53.00 *
Oklahoma Panhandle.....	52.50 *	52.25 *	52.75 *	52.00 *	51.75 *	52.50 *
Oklahoma Sour.....	45.00 *	44.75 *	45.25 *	44.50 *	44.25 *	45.00 *
Oklahoma Condensate.....	55.20 *	54.96 *	55.44 *	54.72 *	54.48 *	55.20 *
Oklahoma Condensate Light.....	54.05 *	53.82 *	54.29 *	53.58 *	53.35 *	54.05 *
WYOMING						
Wyoming Southwestern Area.....	54.08 *	53.83 *	54.33 *	53.58 *	53.33 *	54.08 *
Wyoming Sweet other Areas.....	54.60 *	54.35 *	54.85 *	54.10 *	53.85 *	54.60 *

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



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333 CLAY, SUITE 1600
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HOUSTON, TEXAS 77002**

BULLETIN No:	2019-249	2019-250	2019-251	2019-252
EFFECTIVE DATE:	12/26/19	12/27/19	12/30/19	12/31/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS				
West Texas Intermediate - Area #1.....	57.75 *	57.75 *	57.75 *	57.00 *
West Texas Intermediate - All Other Areas.....	58.25 *	58.25 *	58.25 *	57.50 *
West Texas Sour.....	56.90 *	56.90 *	56.90 *	56.15 *
West Central Texas.....	58.25 *	58.25 *	58.25 *	57.50 *
North Texas Sweet.....	58.25 *	58.25 *	58.25 *	57.50 *
North Texas (Cooke & Grayson) Sour.....	55.75 *	55.75 *	55.75 *	55.00 *
East Texas Field.....	55.50 *	55.50 *	55.50 *	54.75 *
East Texas (Other than E.. TX.. Field).....	55.50 *	55.50 *	55.50 *	54.75 *
East Texas Sour.....	54.50 *	54.50 *	54.50 *	53.75 *
East Texas Light Sour.....	55.50 *	55.50 *	55.50 *	54.75 *
East Texas Condensate.....	53.50 *	53.50 *	53.50 *	52.75 *
Texas Upper Gulf Coast.....	52.00 *	52.00 *	52.00 *	51.25 *
Texas Central Gulf Coast (Giddings).....	52.00 *	52.00 *	52.00 *	51.25 *
South Texas Light (Sweet).....	52.00 *	52.00 *	52.00 *	51.25 *
South Texas Heavy.....	51.75 *	51.75 *	51.75 *	51.00 *
South Texas Sour.....	45.50 *	45.50 *	45.50 *	44.75 *
Texas Panhandle.....	57.75 *	57.75 *	57.75 *	57.00 *
South Texas Sweet.....	58.25 *	58.25 *	58.25 *	57.50 *
Eagle Ford Light.....	58.25 *	58.25 *	58.25 *	57.50 *
NEW MEXICO				
New Mexico Intermediate.....	58.25 *	58.25 *	58.25 *	57.50 *
New Mexico Sour.....	56.90 *	56.90 *	56.90 *	56.15 *
LOUISIANA				
North Louisiana.....	55.25 *	55.25 *	55.25 *	54.50 *
Central Louisiana Sweet.....	57.75 *	57.75 *	57.75 *	57.00 *
North Louisiana Nacatoch.....	58.75 *	58.75 *	58.75 *	58.00 *
Central Louisiana LCT.....	58.00 *	58.00 *	58.00 *	57.25 *
North Louisiana Condensate.....	55.25 *	55.25 *	55.25 *	54.50 *
South Louisiana Light Sweet (Onshore).....	56.75 *	56.75 *	56.75 *	56.00 *
South Louisiana Eugene Island (Onshore).....	53.75 *	53.75 *	53.75 *	53.00 *
South Arkansas and North Louisiana Sour.....	54.25 *	54.25 *	54.25 *	53.50 *
MISSISSIPPI				
Mississippi Light Sweet.....	56.75 *	56.75 *	56.75 *	56.00 *
Mississippi Light Sour.....	51.75 *	51.75 *	51.75 *	51.00 *
COLORADO				
Colorado Southeastern.....	48.75 *	48.75 *	48.75 *	48.00 *
ILLINOIS				
Illinois Sweet.....	54.75 *	54.75 *	54.75 *	54.00 *
INDIANA				
Indiana Sweet.....	54.75 *	54.75 *	54.75 *	54.00 *
KANSAS				
Kansas Common.....	48.60 *	48.60 *	48.60 *	47.85 *
Eastern Kansas Common.....	48.50 *	48.50 *	48.50 *	47.75 *
Eastern Kansas Common Special.....	44.45 *	44.45 *	44.45 *	43.70 *
Northwestern Kansas Sweet.....	49.75 *	49.75 *	49.75 *	49.00 *
Southwestern Kansas Sweet.....	50.25 *	50.25 *	50.25 *	49.50 *
Central Kansas Sweet.....	51.85 *	51.85 *	51.85 *	51.10 *
NEBRASKA				
Nebraska Western.....	49.55 *	49.55 *	49.55 *	48.80 *
Nebraska Intermediate.....	48.25 *	48.25 *	48.25 *	47.50 *
OKLAHOMA				
Domestic Sweet (Cushing).....	58.25 *	58.25 *	58.25 *	57.50 *
Oklahoma Sweet.....	58.25 *	58.25 *	58.25 *	57.50 *
Oklahoma Sweet Special.....	54.25 *	54.25 *	54.25 *	53.50 *
Oklahoma Sweet-Central.....	58.25 *	58.25 *	58.25 *	57.50 *
Western Oklahoma.....	53.75 *	53.75 *	53.75 *	53.00 *
Oklahoma Panhandle.....	53.25 *	53.25 *	53.25 *	52.50 *
Oklahoma Sour.....	45.75 *	45.75 *	45.75 *	45.00 *
Oklahoma Condensate.....	55.92 *	55.92 *	55.92 *	55.20 *
Oklahoma Condensate Light.....	54.76 *	54.76 *	54.76 *	54.05 *
WYOMING				
Wyoming Southwestern Area.....	54.83 *	54.83 *	54.83 *	54.08 *
Wyoming Sweet other Areas.....	55.35 *	55.35 *	55.35 *	54.60 *

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



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

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

BULLETIN No:
EFFECTIVE DATE:

	December 2019 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	55.8226	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	56.3226	2045	WTI	40.0-44.9	1
West Texas Sour.....	54.9726	2044	WTS	34.0-44.9	4
West Central Texas.....	56.3226	2090	WTI	40.0-44.9	1
North Texas Sweet.....	56.3226	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	53.8226	2072	WTS	40.0-44.9	3
East Texas Field.....	53.5726	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	53.5726	2001	ETS	40.0-44.9	1
East Texas Sour.....	52.5726	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	53.5726	2111	ETR	34.0-44.9	4
East Texas Condensate.....	51.5726	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	50.0726	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	50.0726	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	50.0726	2026	STL	40.0-44.9	1
South Texas Heavy.....	49.8226	2054	STH	29.0-44.9	5
South Texas Sour.....	43.5726	2050	STS	34.0-44.9	4
Texas Panhandle.....	55.8226	2120	TXP	40.0+	15
South Texas Sweet.....	56.3226	2150	STS	40.0-44.9	16
Eagle Ford Light.....	56.3226	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	56.3226	2100	WTI	40.0-44.9	1
New Mexico Sour.....	54.9726	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	53.3226	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	55.8226	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	56.8226	2118	NLN	Flat	Flat
Central Louisiana LCT.....	56.0726	2119	LCT	Flat	Flat
North Louisiana Condensate.....	53.3226	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	54.8226	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	51.8226	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	52.3226	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	54.8226	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	49.8226	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	46.8226	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	52.8226	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	52.8226	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	46.6726	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	46.5726	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	42.5226	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	47.8226	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	48.3226	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	49.9226	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	47.6226	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	46.3226	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	56.3226	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	56.3226	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	52.3226	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	56.3226	2051	OKA	40.0-44.9	2
Western Oklahoma.....	51.8226	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	51.3226	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	43.8226	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	54.0697	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	52.9465	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	52.9026	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	53.4226	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.

In the event government statutes, regulations, or rulings require adjustments in the prices paid, Plains Marketing, L.P. reserves the right to amend these postings. Recovery for excess payments may be made by either withholding an amount equal to the excess or by directly invoicing Seller.

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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