



CRUDE OIL PRICE BULLETIN - RECAP

AUGUST 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:	2019-146	2019-147	2019-148	2019-149	2019-150	2019-151
EFFECTIVE DATE:	07/31/19	08/01/19	08/02/19	08/05/19	08/06/19	08/07/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	54.50 *	50.00 *	51.50 *	51.00 *	49.75 *	47.00 *
West Texas Intermediate - All Other Areas.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
West Texas Sour.....	52.30 *	47.40 *	48.90 *	48.40 *	47.15 *	44.40 *
West Central Texas.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
North Texas Sweet.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
North Texas (Cooke & Grayson) Sour.....	52.50 *	48.00 *	49.50 *	49.00 *	47.75 *	45.00 *
East Texas Field.....	52.25 *	47.75 *	49.25 *	48.75 *	47.50 *	44.75 *
East Texas (Other than E.. TX.. Field).....	52.25 *	47.75 *	49.25 *	48.75 *	47.50 *	44.75 *
East Texas Sour.....	51.25 *	46.75 *	48.25 *	47.75 *	46.50 *	43.75 *
East Texas Light Sour.....	52.25 *	47.75 *	49.25 *	48.75 *	47.50 *	44.75 *
East Texas Condensate.....	50.25 *	45.75 *	47.25 *	46.75 *	45.50 *	42.75 *
Texas Upper Gulf Coast.....	48.75 *	44.25 *	45.75 *	45.25 *	44.00 *	41.25 *
Texas Central Gulf Coast (Giddings).....	48.75 *	44.25 *	45.75 *	45.25 *	44.00 *	41.25 *
South Texas Light (Sweet).....	48.75 *	44.25 *	45.75 *	45.25 *	44.00 *	41.25 *
South Texas Heavy.....	48.50 *	44.00 *	45.50 *	45.00 *	43.75 *	41.00 *
South Texas Sour.....	42.25 *	37.75 *	39.25 *	38.75 *	37.50 *	34.75 *
Texas Panhandle.....	54.50 *	50.00 *	51.50 *	51.00 *	49.75 *	47.00 *
South Texas Sweet.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
Eagle Ford Light.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
NEW MEXICO						
New Mexico Intermediate.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
New Mexico Sour.....	52.30 *	47.40 *	48.90 *	48.40 *	47.15 *	44.40 *
LOUISIANA						
North Louisiana.....	52.00 *	47.50 *	49.00 *	48.50 *	47.25 *	44.50 *
Central Louisiana Sweet.....	54.50 *	50.00 *	51.50 *	51.00 *	49.75 *	47.00 *
North Louisiana Nacatoch.....	55.50 *	51.00 *	52.50 *	52.00 *	50.75 *	48.00 *
Central Louisiana LCT.....	54.75 *	50.25 *	51.75 *	51.25 *	50.00 *	47.25 *
North Louisiana Condensate.....	52.00 *	47.50 *	49.00 *	48.50 *	47.25 *	44.50 *
South Louisiana Light Sweet (Onshore).....	53.50 *	49.00 *	50.50 *	50.00 *	48.75 *	46.00 *
South Louisiana Eugene Island (Onshore).....	50.50 *	46.00 *	47.50 *	47.00 *	45.75 *	43.00 *
South Arkansas and North Louisiana Sour.....	51.00 *	46.50 *	48.00 *	47.50 *	46.25 *	43.50 *
MISSISSIPPI						
Mississippi Light Sweet.....	53.50 *	49.00 *	50.50 *	50.00 *	48.75 *	46.00 *
Mississippi Light Sour.....	48.50 *	44.00 *	45.50 *	45.00 *	43.75 *	41.00 *
COLORADO						
Colorado Southeastern.....	45.50 *	41.00 *	42.50 *	42.00 *	40.75 *	38.00 *
ILLINOIS						
Illinois Sweet.....	51.50 *	47.00 *	48.50 *	48.00 *	46.75 *	44.00 *
INDIANA						
Indiana Sweet.....	51.50 *	47.00 *	48.50 *	48.00 *	46.75 *	44.00 *
KANSAS						
Kansas Common.....	45.35 *	40.85 *	42.35 *	41.85 *	40.60 *	37.85 *
Eastern Kansas Common.....	45.25 *	40.75 *	42.25 *	41.75 *	40.50 *	37.75 *
Eastern Kansas Common Special.....	41.20 *	36.70 *	38.20 *	37.70 *	36.45 *	33.70 *
Northwestern Kansas Sweet.....	46.50 *	42.00 *	43.50 *	43.00 *	41.75 *	39.00 *
Southwestern Kansas Sweet.....	47.00 *	42.50 *	44.00 *	43.50 *	42.25 *	39.50 *
Central Kansas Sweet.....	48.60 *	44.10 *	45.60 *	45.10 *	43.85 *	41.10 *
NEBRASKA						
Nebraska Western.....	46.30 *	41.80 *	43.30 *	42.80 *	41.55 *	38.80 *
Nebraska Intermediate.....	45.00 *	40.50 *	42.00 *	41.50 *	40.25 *	37.50 *
OKLAHOMA						
Domestic Sweet (Cushing).....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
Oklahoma Sweet.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
Oklahoma Sweet Special.....	51.00 *	46.50 *	48.00 *	47.50 *	46.25 *	43.50 *
Oklahoma Sweet-Central.....	55.00 *	50.50 *	52.00 *	51.50 *	50.25 *	47.50 *
Western Oklahoma.....	50.50 *	46.00 *	47.50 *	47.00 *	45.75 *	43.00 *
Oklahoma Panhandle.....	50.00 *	45.50 *	47.00 *	46.50 *	45.25 *	42.50 *
Oklahoma Sour.....	42.50 *	38.00 *	39.50 *	39.00 *	37.75 *	35.00 *
Oklahoma Condensate.....	52.80 *	48.48 *	49.92 *	49.44 *	48.24 *	45.60 *
Oklahoma Condensate Light.....	51.70 *	47.47 *	48.88 *	48.41 *	47.24 *	44.65 *
WYOMING						
Wyoming Southwestern Area.....	51.58 *	47.08 *	48.58 *	48.08 *	46.83 *	44.08 *
Wyoming Sweet other Areas.....	52.10 *	47.60 *	49.10 *	48.60 *	47.35 *	44.60 *

(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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BULLETIN No:	2019-152	2019-153	2019-154	2019-155	2019-156	2019-157
EFFECTIVE DATE:	08/08/19	08/09/19	08/12/19	08/13/19	08/14/19	08/15/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	48.50 *	50.50 *	50.75 *	53.25 *	51.00 *	50.50 *
West Texas Intermediate - All Other Areas.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
West Texas Sour.....	45.90 *	47.90 *	48.15 *	50.65 *	48.40 *	47.90 *
West Central Texas.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
North Texas Sweet.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
North Texas (Cooke & Grayson) Sour.....	46.50 *	48.50 *	48.75 *	51.25 *	49.00 *	48.50 *
East Texas Field.....	46.25 *	48.25 *	48.50 *	51.00 *	48.75 *	48.25 *
East Texas (Other than E.. TX.. Field).....	46.25 *	48.25 *	48.50 *	51.00 *	48.75 *	48.25 *
East Texas Sour.....	45.25 *	47.25 *	47.50 *	50.00 *	47.75 *	47.25 *
East Texas Light Sour.....	46.25 *	48.25 *	48.50 *	51.00 *	48.75 *	48.25 *
East Texas Condensate.....	44.25 *	46.25 *	46.50 *	49.00 *	46.75 *	46.25 *
Texas Upper Gulf Coast.....	42.75 *	44.75 *	45.00 *	47.50 *	45.25 *	44.75 *
Texas Central Gulf Coast (Giddings).....	42.75 *	44.75 *	45.00 *	47.50 *	45.25 *	44.75 *
South Texas Light (Sweet).....	42.75 *	44.75 *	45.00 *	47.50 *	45.25 *	44.75 *
South Texas Heavy.....	42.50 *	44.50 *	44.75 *	47.25 *	45.00 *	44.50 *
South Texas Sour.....	36.25 *	38.25 *	38.50 *	41.00 *	38.75 *	38.25 *
Texas Panhandle.....	48.50 *	50.50 *	50.75 *	53.25 *	51.00 *	50.50 *
South Texas Sweet.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
Eagle Ford Light.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
NEW MEXICO						
New Mexico Intermediate.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
New Mexico Sour.....	45.90 *	47.90 *	48.15 *	50.65 *	48.40 *	47.90 *
LOUISIANA						
North Louisiana.....	46.00 *	48.00 *	48.25 *	50.75 *	48.50 *	48.00 *
Central Louisiana Sweet.....	48.50 *	50.50 *	50.75 *	53.25 *	51.00 *	50.50 *
North Louisiana Nacatoch.....	49.50 *	51.50 *	51.75 *	54.25 *	52.00 *	51.50 *
Central Louisiana LCT.....	48.75 *	50.75 *	51.00 *	53.50 *	51.25 *	50.75 *
North Louisiana Condensate.....	46.00 *	48.00 *	48.25 *	50.75 *	48.50 *	48.00 *
South Louisiana Light Sweet (Onshore).....	47.50 *	49.50 *	49.75 *	52.25 *	50.00 *	49.50 *
South Louisiana Eugene Island (Onshore).....	44.50 *	46.50 *	46.75 *	49.25 *	47.00 *	46.50 *
South Arkansas and North Louisiana Sour.....	45.00 *	47.00 *	47.25 *	49.75 *	47.50 *	47.00 *
MISSISSIPPI						
Mississippi Light Sweet.....	47.50 *	49.50 *	49.75 *	52.25 *	50.00 *	49.50 *
Mississippi Light Sour.....	42.50 *	44.50 *	44.75 *	47.25 *	45.00 *	44.50 *
COLORADO						
Colorado Southeastern.....	39.50 *	41.50 *	41.75 *	44.25 *	42.00 *	41.50 *
ILLINOIS						
Illinois Sweet.....	45.50 *	47.50 *	47.75 *	50.25 *	48.00 *	47.50 *
INDIANA						
Indiana Sweet.....	45.50 *	47.50 *	47.75 *	50.25 *	48.00 *	47.50 *
KANSAS						
Kansas Common.....	39.35 *	41.35 *	41.60 *	44.10 *	41.85 *	41.35 *
Eastern Kansas Common.....	39.25 *	41.25 *	41.50 *	44.00 *	41.75 *	41.25 *
Eastern Kansas Common Special.....	35.20 *	37.20 *	37.45 *	39.95 *	37.70 *	37.20 *
Northwestern Kansas Sweet.....	40.50 *	42.50 *	42.75 *	45.25 *	43.00 *	42.50 *
Southwestern Kansas Sweet.....	41.00 *	43.00 *	43.25 *	45.75 *	43.50 *	43.00 *
Central Kansas Sweet.....	42.60 *	44.60 *	44.85 *	47.35 *	45.10 *	44.60 *
NEBRASKA						
Nebraska Western.....	40.30 *	42.30 *	42.55 *	45.05 *	42.80 *	42.30 *
Nebraska Intermediate.....	39.00 *	41.00 *	41.25 *	43.75 *	41.50 *	41.00 *
OKLAHOMA						
Domestic Sweet (Cushing).....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
Oklahoma Sweet.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
Oklahoma Sweet Special.....	45.00 *	47.00 *	47.25 *	49.75 *	47.50 *	47.00 *
Oklahoma Sweet-Central.....	49.00 *	51.00 *	51.25 *	53.75 *	51.50 *	51.00 *
Western Oklahoma.....	44.50 *	46.50 *	46.75 *	49.25 *	47.00 *	46.50 *
Oklahoma Panhandle.....	44.00 *	46.00 *	46.25 *	48.75 *	46.50 *	46.00 *
Oklahoma Sour.....	36.50 *	38.50 *	38.75 *	41.25 *	39.00 *	38.50 *
Oklahoma Condensate.....	47.04 *	48.96 *	49.20 *	51.60 *	49.44 *	48.96 *
Oklahoma Condensate Light.....	46.06 *	47.94 *	48.18 *	50.53 *	48.41 *	47.94 *
WYOMING						
Wyoming Southwestern Area.....	45.58 *	47.58 *	47.83 *	50.33 *	48.08 *	47.58 *
Wyoming Sweet other Areas.....	46.10 *	48.10 *	48.35 *	50.85 *	48.60 *	48.10 *

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



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BULLETIN No:	2019-158	2019-159	2019-160	2019-161	2019-162	2019-163
EFFECTIVE DATE:	08/16/19	08/19/19	08/20/19	08/21/19	08/22/19	08/23/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	50.75 *	52.50 *	52.25 *	51.75 *	51.25 *	50.25 *
West Texas Intermediate - All Other Areas.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
West Texas Sour.....	48.15 *	49.90 *	49.65 *	49.15 *	48.65 *	47.65 *
West Central Texas.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
North Texas Sweet.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
North Texas (Cooke & Grayson) Sour.....	48.75 *	50.50 *	50.25 *	49.75 *	49.25 *	48.25 *
East Texas Field.....	48.50 *	50.25 *	50.00 *	49.50 *	49.00 *	48.00 *
East Texas (Other than E.. TX.. Field).....	48.50 *	50.25 *	50.00 *	49.50 *	49.00 *	48.00 *
East Texas Sour.....	47.50 *	49.25 *	49.00 *	48.50 *	48.00 *	47.00 *
East Texas Light Sour.....	48.50 *	50.25 *	50.00 *	49.50 *	49.00 *	48.00 *
East Texas Condensate.....	46.50 *	48.25 *	48.00 *	47.50 *	47.00 *	46.00 *
Texas Upper Gulf Coast.....	45.00 *	46.75 *	46.50 *	46.00 *	45.50 *	44.50 *
Texas Central Gulf Coast (Giddings).....	45.00 *	46.75 *	46.50 *	46.00 *	45.50 *	44.50 *
South Texas Light (Sweet).....	45.00 *	46.75 *	46.50 *	46.00 *	45.50 *	44.50 *
South Texas Heavy.....	44.75 *	46.50 *	46.25 *	45.75 *	45.25 *	44.25 *
South Texas Sour.....	38.50 *	40.25 *	40.00 *	39.50 *	39.00 *	38.00 *
Texas Panhandle.....	50.75 *	52.50 *	52.25 *	51.75 *	51.25 *	50.25 *
South Texas Sweet.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
Eagle Ford Light.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
NEW MEXICO						
New Mexico Intermediate.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
New Mexico Sour.....	48.15 *	49.90 *	49.65 *	49.15 *	48.65 *	47.65 *
LOUISIANA						
North Louisiana.....	48.25 *	50.00 *	49.75 *	49.25 *	48.75 *	47.75 *
Central Louisiana Sweet.....	50.75 *	52.50 *	52.25 *	51.75 *	51.25 *	50.25 *
North Louisiana Nacatoch.....	51.75 *	53.50 *	53.25 *	52.75 *	52.25 *	51.25 *
Central Louisiana LCT.....	51.00 *	52.75 *	52.50 *	52.00 *	51.50 *	50.50 *
North Louisiana Condensate.....	48.25 *	50.00 *	49.75 *	49.25 *	48.75 *	47.75 *
South Louisiana Light Sweet (Onshore).....	49.75 *	51.50 *	51.25 *	50.75 *	50.25 *	49.25 *
South Louisiana Eugene Island (Onshore).....	46.75 *	48.50 *	48.25 *	47.75 *	47.25 *	46.25 *
South Arkansas and North Louisiana Sour.....	47.25 *	49.00 *	48.75 *	48.25 *	47.75 *	46.75 *
MISSISSIPPI						
Mississippi Light Sweet.....	49.75 *	51.50 *	51.25 *	50.75 *	50.25 *	49.25 *
Mississippi Light Sour.....	44.75 *	46.50 *	46.25 *	45.75 *	45.25 *	44.25 *
COLORADO						
Colorado Southeastern.....	41.75 *	43.50 *	43.25 *	42.75 *	42.25 *	41.25 *
ILLINOIS						
Illinois Sweet.....	47.75 *	49.50 *	49.25 *	48.75 *	48.25 *	47.25 *
INDIANA						
Indiana Sweet.....	47.75 *	49.50 *	49.25 *	48.75 *	48.25 *	47.25 *
KANSAS						
Kansas Common.....	41.60 *	43.35 *	43.10 *	42.60 *	42.10 *	41.10 *
Eastern Kansas Common.....	41.50 *	43.25 *	43.00 *	42.50 *	42.00 *	41.00 *
Eastern Kansas Common Special.....	37.45 *	39.20 *	38.95 *	38.45 *	37.95 *	36.95 *
Northwestern Kansas Sweet.....	42.75 *	44.50 *	44.25 *	43.75 *	43.25 *	42.25 *
Southwestern Kansas Sweet.....	43.25 *	45.00 *	44.75 *	44.25 *	43.75 *	42.75 *
Central Kansas Sweet.....	44.85 *	46.60 *	46.35 *	45.85 *	45.35 *	44.35 *
NEBRASKA						
Nebraska Western.....	42.55 *	44.30 *	44.05 *	43.55 *	43.05 *	42.05 *
Nebraska Intermediate.....	41.25 *	43.00 *	42.75 *	42.25 *	41.75 *	40.75 *
OKLAHOMA						
Domestic Sweet (Cushing).....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
Oklahoma Sweet.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
Oklahoma Sweet Special.....	47.25 *	49.00 *	48.75 *	48.25 *	47.75 *	46.75 *
Oklahoma Sweet-Central.....	51.25 *	53.00 *	52.75 *	52.25 *	51.75 *	50.75 *
Western Oklahoma.....	46.75 *	48.50 *	48.25 *	47.75 *	47.25 *	46.25 *
Oklahoma Panhandle.....	46.25 *	48.00 *	47.75 *	47.25 *	46.75 *	45.75 *
Oklahoma Sour.....	38.75 *	40.50 *	40.25 *	39.75 *	39.25 *	38.25 *
Oklahoma Condensate.....	49.20 *	50.88 *	50.64 *	50.16 *	49.68 *	48.72 *
Oklahoma Condensate Light.....	48.18 *	49.82 *	49.59 *	49.12 *	48.65 *	47.71 *
WYOMING						
Wyoming Southwestern Area.....	47.83 *	49.58 *	49.33 *	48.83 *	48.33 *	47.33 *
Wyoming Sweet other Areas.....	48.35 *	50.10 *	49.85 *	49.35 *	48.85 *	47.85 *

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

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BULLETIN No:	2019-164	2019-165	2019-166	2019-167	2019-168
EFFECTIVE DATE:	08/26/19	08/27/19	08/28/19	08/29/19	08/30/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS					
West Texas Intermediate - Area #1.....	49.50 *	50.75 *	51.75 *	52.75 *	51.00 *
West Texas Intermediate - All Other Areas.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
West Texas Sour.....	46.90 *	48.15 *	49.15 *	50.15 *	48.40 *
West Central Texas.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
North Texas Sweet.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
North Texas (Cooke & Grayson) Sour.....	47.50 *	48.75 *	49.75 *	50.75 *	49.00 *
East Texas Field.....	47.25 *	48.50 *	49.50 *	50.50 *	48.75 *
East Texas (Other than E.. TX.. Field).....	47.25 *	48.50 *	49.50 *	50.50 *	48.75 *
East Texas Sour.....	46.25 *	47.50 *	48.50 *	49.50 *	47.75 *
East Texas Light Sour.....	47.25 *	48.50 *	49.50 *	50.50 *	48.75 *
East Texas Condensate.....	45.25 *	46.50 *	47.50 *	48.50 *	46.75 *
Texas Upper Gulf Coast.....	43.75 *	45.00 *	46.00 *	47.00 *	45.25 *
Texas Central Gulf Coast (Giddings).....	43.75 *	45.00 *	46.00 *	47.00 *	45.25 *
South Texas Light (Sweet).....	43.75 *	45.00 *	46.00 *	47.00 *	45.25 *
South Texas Heavy.....	43.50 *	44.75 *	45.75 *	46.75 *	45.00 *
South Texas Sour.....	37.25 *	38.50 *	39.50 *	40.50 *	38.75 *
Texas Panhandle.....	49.50 *	50.75 *	51.75 *	52.75 *	51.00 *
South Texas Sweet.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
Eagle Ford Light.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
NEW MEXICO					
New Mexico Intermediate.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
New Mexico Sour.....	46.90 *	48.15 *	49.15 *	50.15 *	48.40 *
LOUISIANA					
North Louisiana.....	47.00 *	48.25 *	49.25 *	50.25 *	48.50 *
Central Louisiana Sweet.....	49.50 *	50.75 *	51.75 *	52.75 *	51.00 *
North Louisiana Nacatoch.....	50.50 *	51.75 *	52.75 *	53.75 *	52.00 *
Central Louisiana LCT.....	49.75 *	51.00 *	52.00 *	53.00 *	51.25 *
North Louisiana Condensate.....	47.00 *	48.25 *	49.25 *	50.25 *	48.50 *
South Louisiana Light Sweet (Onshore).....	48.50 *	49.75 *	50.75 *	51.75 *	50.00 *
South Louisiana Eugene Island (Onshore).....	45.50 *	46.75 *	47.75 *	48.75 *	47.00 *
South Arkansas and North Louisiana Sour.....	46.00 *	47.25 *	48.25 *	49.25 *	47.50 *
MISSISSIPPI					
Mississippi Light Sweet.....	48.50 *	49.75 *	50.75 *	51.75 *	50.00 *
Mississippi Light Sour.....	43.50 *	44.75 *	45.75 *	46.75 *	45.00 *
COLORADO					
Colorado Southeastern.....	40.50 *	41.75 *	42.75 *	43.75 *	42.00 *
ILLINOIS					
Illinois Sweet.....	46.50 *	47.75 *	48.75 *	49.75 *	48.00 *
INDIANA					
Indiana Sweet.....	46.50 *	47.75 *	48.75 *	49.75 *	48.00 *
KANSAS					
Kansas Common.....	40.35 *	41.60 *	42.60 *	43.60 *	41.85 *
Eastern Kansas Common.....	40.25 *	41.50 *	42.50 *	43.50 *	41.75 *
Eastern Kansas Common Special.....	36.20 *	37.45 *	38.45 *	39.45 *	37.70 *
Northwestern Kansas Sweet.....	41.50 *	42.75 *	43.75 *	44.75 *	43.00 *
Southwestern Kansas Sweet.....	42.00 *	43.25 *	44.25 *	45.25 *	43.50 *
Central Kansas Sweet.....	43.60 *	44.85 *	45.85 *	46.85 *	45.10 *
NEBRASKA					
Nebraska Western.....	41.30 *	42.55 *	43.55 *	44.55 *	42.80 *
Nebraska Intermediate.....	40.00 *	41.25 *	42.25 *	43.25 *	41.50 *
OKLAHOMA					
Domestic Sweet (Cushing).....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
Oklahoma Sweet.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
Oklahoma Sweet Special.....	46.00 *	47.25 *	48.25 *	49.25 *	47.50 *
Oklahoma Sweet-Central.....	50.00 *	51.25 *	52.25 *	53.25 *	51.50 *
Western Oklahoma.....	45.50 *	46.75 *	47.75 *	48.75 *	47.00 *
Oklahoma Panhandle.....	45.00 *	46.25 *	47.25 *	48.25 *	46.50 *
Oklahoma Sour.....	37.50 *	38.75 *	39.75 *	40.75 *	39.00 *
Oklahoma Condensate.....	48.00 *	49.20 *	50.16 *	51.12 *	49.44 *
Oklahoma Condensate Light.....	47.00 *	48.18 *	49.12 *	50.06 *	48.41 *
WYOMING					
Wyoming Southwestern Area.....	46.58 *	47.83 *	48.83 *	49.83 *	48.08 *
Wyoming Sweet other Areas.....	47.10 *	48.35 *	49.35 *	50.35 *	48.60 *

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

CRUDE OIL PRICE BULLETIN - RECAP
AUGUST
2019



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

BULLETIN No: EFFECTIVE DATE:	August 2019 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	50.8145	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	51.3145	2045	WTI	40.0-44.9	1
West Texas Sour.....	48.2145	2044	WTS	34.0-44.9	4
West Central Texas.....	51.3145	2090	WTI	40.0-44.9	1
North Texas Sweet.....	51.3145	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	48.8145	2072	WTS	40.0-44.9	3
East Texas Field.....	48.5645	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	48.5645	2001	ETS	40.0-44.9	1
East Texas Sour.....	47.5645	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	48.5645	2111	ETR	34.0-44.9	4
East Texas Condensate.....	46.5645	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	45.0645	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	45.0645	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	45.0645	2026	STL	40.0-44.9	1
South Texas Heavy.....	44.8145	2054	STH	29.0-44.9	5
South Texas Sour.....	38.5645	2050	STS	34.0-44.9	4
Texas Panhandle.....	50.8145	2120	TXP	40.0+	15
South Texas Sweet.....	51.3145	2150	STS	40.0-44.9	16
Eagle Ford Light.....	51.3145	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	51.3145	2100	WTI	40.0-44.9	1
New Mexico Sour.....	48.2145	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	48.3145	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	50.8145	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	51.8145	2118	NLN	Flat	Flat
Central Louisiana LCT.....	51.0645	2119	LCT	Flat	Flat
North Louisiana Condensate.....	48.3145	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	49.8145	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	46.8145	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	47.3145	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	49.8145	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	44.8145	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	41.8145	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	47.8145	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	47.8145	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	41.6645	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	41.5645	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	37.5145	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	42.8145	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	43.3145	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	44.9145	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	42.6145	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	41.3145	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	51.3145	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	51.3145	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	47.3145	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	51.3145	2051	OKA	40.0-44.9	2
Western Oklahoma	46.8145	2112	OKA	40.0-44.9	2
Oklahoma Panhandle	46.3145	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	38.8145	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	49.2619	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	48.2381	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	47.8945	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	48.4145	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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