



**CRUDE OIL PRICE BULLETIN - RECAP**  
**OCTOBER**  
**2018**

**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:	2018-188	2018-189	2018-190	2018-191	2018-192	2018-193	2018-194	2018-195
EFFECTIVE DATE:	09/28/18	10/01/18	10/02/18	10/03/18	10/04/18	10/05/18	10/08/18	10/09/18
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
<b>TEXAS</b>								
West Texas Intermediate - Area #1.....	69.25 *	71.25 *	71.25	72.50 *	70.25 *	70.25	70.50 *	70.75 *
West Texas Intermediate - All Other Areas.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
West Texas Sour.....	52.50 *	56.10 *	56.10	57.35 *	55.10 *	55.10	55.35 *	55.60 *
West Central Texas.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
North Texas Sweet.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
North Texas (Cooke & Grayson) Sour.....	67.25 *	69.25 *	69.25	70.50 *	68.25 *	68.25	68.50 *	68.75 *
East Texas Field.....	67.00 *	69.00 *	69.00	70.25 *	68.00 *	68.00	68.25 *	68.50 *
East Texas (Other than E.. TX.. Field).....	67.00 *	69.00 *	69.00	70.25 *	68.00 *	68.00	68.25 *	68.50 *
East Texas Sour.....	66.00 *	68.00 *	68.00	69.25 *	67.00 *	67.00	67.25 *	67.50 *
East Texas Light Sour.....	67.00 *	69.00 *	69.00	70.25 *	68.00 *	68.00	68.25 *	68.50 *
East Texas Condensate.....	65.00 *	67.00 *	67.00	68.25 *	66.00 *	66.00	66.25 *	66.50 *
Texas Upper Gulf Coast.....	63.50 *	65.50 *	65.50	66.75 *	64.50 *	64.50	64.75 *	65.00 *
Texas Central Gulf Coast (Giddings).....	63.50 *	65.50 *	65.50	66.75 *	64.50 *	64.50	64.75 *	65.00 *
South Texas Light (Sweet).....	63.50 *	65.50 *	65.50	66.75 *	64.50 *	64.50	64.75 *	65.00 *
South Texas Heavy.....	63.25 *	65.25 *	65.25	66.50 *	64.25 *	64.25	64.50 *	64.75 *
South Texas Sour.....	57.00 *	59.00 *	59.00	60.25 *	58.00 *	58.00	58.25 *	58.50 *
Texas Panhandle.....	69.25 *	71.25 *	71.25	72.50 *	70.25 *	70.25	70.50 *	70.75 *
South Texas Sweet.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
Eagle Ford Light.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
<b>NEW MEXICO</b>								
New Mexico Intermediate.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
New Mexico Sour.....	52.50 *	56.10 *	56.10	57.35 *	55.10 *	55.10	55.35 *	55.60 *
<b>LOUISIANA</b>								
North Louisiana.....	66.75 *	68.75 *	68.75	70.00 *	67.75 *	67.75	68.00 *	68.25 *
Central Louisiana Sweet.....	69.25 *	71.25 *	71.25	72.50 *	70.25 *	70.25	70.50 *	70.75 *
North Louisiana Nacatoch.....	70.25 *	72.25 *	72.25	73.50 *	71.25 *	71.25	71.50 *	71.75 *
Central Louisiana LCT.....	69.50 *	71.50 *	71.50	72.75 *	70.50 *	70.50	70.75 *	71.00 *
North Louisiana Condensate.....	66.75 *	68.75 *	68.75	70.00 *	67.75 *	67.75	68.00 *	68.25 *
South Louisiana Light Sweet (Onshore).....	68.25 *	70.25 *	70.25	71.50 *	69.25 *	69.25	69.50 *	69.75 *
South Louisiana Eugene Island (Onshore).....	65.25 *	67.25 *	67.25	68.50 *	66.25 *	66.25	66.50 *	66.75 *
South Arkansas and North Louisiana Sour.....	65.75 *	67.75 *	67.75	69.00 *	66.75 *	66.75	67.00 *	67.25 *
<b>MISSISSIPPI</b>								
Mississippi Light Sweet.....	68.25 *	70.25 *	70.25	71.50 *	69.25 *	69.25	69.50 *	69.75 *
Mississippi Light Sour.....	63.25 *	65.25 *	65.25	66.50 *	64.25 *	64.25	64.50 *	64.75 *
<b>COLORADO</b>								
Colorado Southeastern.....	60.25 *	62.25 *	62.25	63.50 *	61.25 *	61.25	61.50 *	61.75 *
<b>ILLINOIS</b>								
Illinois Sweet.....	66.25 *	68.25 *	68.25	69.50 *	67.25 *	67.25	67.50 *	67.75 *
<b>INDIANA</b>								
Indiana Sweet.....	66.25 *	68.25 *	68.25	69.50 *	67.25 *	67.25	67.50 *	67.75 *
<b>KANSAS</b>								
Kansas Common.....	60.10 *	62.10 *	62.10	63.35 *	61.10 *	61.10	61.35 *	61.60 *
Eastern Kansas Common.....	60.00 *	62.00 *	62.00	63.25 *	61.00 *	61.00	61.25 *	61.50 *
Eastern Kansas Common Special.....	55.95 *	57.95 *	57.95	59.20 *	56.95 *	56.95	57.20 *	57.45 *
Northwestern Kansas Sweet.....	61.25 *	63.25 *	63.25	64.50 *	62.25 *	62.25	62.50 *	62.75 *
Southwestern Kansas Sweet.....	61.75 *	63.75 *	63.75	65.00 *	62.75 *	62.75	63.00 *	63.25 *
Central Kansas Sweet.....	63.35 *	65.35 *	65.35	66.60 *	64.35 *	64.35	64.60 *	64.85 *
<b>NEBRASKA</b>								
Nebraska Western.....	61.05 *	63.05 *	63.05	64.30 *	62.05 *	62.05	62.30 *	62.55 *
Nebraska Intermediate.....	59.75 *	61.75 *	61.75	63.00 *	60.75 *	60.75	61.00 *	61.25 *
<b>OKLAHOMA</b>								
Domestic Sweet (Cushing).....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
Oklahoma Sweet.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
Oklahoma Sweet Special.....	65.75 *	67.75 *	67.75	69.00 *	66.75 *	66.75	67.00 *	67.25 *
Oklahoma Sweet-Central.....	69.75 *	71.75 *	71.75	73.00 *	70.75 *	70.75	71.00 *	71.25 *
Western Oklahoma.....	65.25 *	67.25 *	67.25	68.50 *	66.25 *	66.25	66.50 *	66.75 *
Oklahoma Panhandle.....	64.75 *	66.75 *	66.75	68.00 *	65.75 *	65.75	66.00 *	66.25 *
Oklahoma Sour.....	57.25 *	59.25 *	59.25	60.50 *	58.25 *	58.25	58.50 *	58.75 *
Oklahoma Condensate.....	66.96 *	68.88 *	68.88	70.08 *	67.92 *	67.92	68.16 *	68.40 *
Oklahoma Condensate Light.....	65.57 *	67.45 *	67.45	68.62 *	66.51 *	66.51	66.74 *	66.98 *
<b>WYOMING</b>								
Wyoming Southwestern Area.....	66.33 *	68.33 *	68.33	69.58 *	67.33 *	67.33	67.58 *	67.83 *
Wyoming Sweet other Areas.....	66.85 *	68.85 *	68.85	70.10 *	67.85 *	67.85	68.10 *	68.35 *

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

Please visit our Internet Web Site, [www.plainsallamerican.com](http://www.plainsallamerican.com) or [www.paalp.com](http://www.paalp.com) for price bulletin information.

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OCTOBER  
2018**



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

BULLETIN No:	2018-196	2018-197	2018-198	2018-199	2018-200	2018-201	2018-202	2018-203
EFFECTIVE DATE:	10/10/18	10/11/18	10/12/18	10/15/18	10/16/18	10/17/18	10/18/18	10/19/18
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
<b>TEXAS</b>								
West Texas Intermediate - Area #1.....	69.25 *	67.00 *	67.25 *	68.00 *	67.75 *	65.75 *	64.75 *	65.00
West Texas Intermediate - All Other Areas.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
West Texas Sour.....	54.10 *	51.85 *	52.10 *	52.85 *	52.60 *	50.60 *	49.60 *	49.85
West Central Texas.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
North Texas Sweet.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
North Texas (Cooke & Grayson) Sour.....	67.25 *	65.00 *	65.25 *	66.00 *	65.75 *	63.75 *	62.75 *	63.00
East Texas Field.....	67.00 *	64.75 *	65.00 *	65.75 *	65.50 *	63.50 *	62.50 *	62.75
East Texas (Other than E.. TX.. Field).....	67.00 *	64.75 *	65.00 *	65.75 *	65.50 *	63.50 *	62.50 *	62.75
East Texas Sour.....	66.00 *	63.75 *	64.00 *	64.75 *	64.50 *	62.50 *	61.50 *	61.75
East Texas Light Sour.....	67.00 *	64.75 *	65.00 *	65.75 *	65.50 *	63.50 *	62.50 *	62.75
East Texas Condensate.....	65.00 *	62.75 *	63.00 *	63.75 *	63.50 *	61.50 *	60.50 *	60.75
Texas Upper Gulf Coast.....	63.50 *	61.25 *	61.50 *	62.25 *	62.00 *	60.00 *	59.00 *	59.25
Texas Central Gulf Coast (Giddings).....	63.50 *	61.25 *	61.50 *	62.25 *	62.00 *	60.00 *	59.00 *	59.25
South Texas Light (Sweet).....	63.50 *	61.25 *	61.50 *	62.25 *	62.00 *	60.00 *	59.00 *	59.25
South Texas Heavy.....	63.25 *	61.00 *	61.25 *	62.00 *	61.75 *	59.75 *	58.75 *	59.00
South Texas Sour.....	57.00 *	54.75 *	55.00 *	55.75 *	55.50 *	53.50 *	52.50 *	52.75
Texas Panhandle.....	69.25 *	67.00 *	67.25 *	68.00 *	67.75 *	65.75 *	64.75 *	65.00
South Texas Sweet.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
Eagle Ford Light.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
<b>NEW MEXICO</b>								
New Mexico Intermediate.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
New Mexico Sour.....	54.10 *	51.85 *	52.10 *	52.85 *	52.60 *	50.60 *	49.60 *	49.85
<b>LOUISIANA</b>								
North Louisiana.....	66.75 *	64.50 *	64.75 *	65.50 *	65.25 *	63.25 *	62.25 *	62.50
Central Louisiana Sweet.....	69.25 *	67.00 *	67.25 *	68.00 *	67.75 *	65.75 *	64.75 *	65.00
North Louisiana Nacatoch.....	70.25 *	68.00 *	68.25 *	69.00 *	68.75 *	66.75 *	65.75 *	66.00
Central Louisiana LCT.....	69.50 *	67.25 *	67.50 *	68.25 *	68.00 *	66.00 *	65.00 *	65.25
North Louisiana Condensate.....	66.75 *	64.50 *	64.75 *	65.50 *	65.25 *	63.25 *	62.25 *	62.50
South Louisiana Light Sweet (Onshore).....	68.25 *	66.00 *	66.25 *	67.00 *	66.75 *	64.75 *	63.75 *	64.00
South Louisiana Eugene Island (Onshore).....	65.25 *	63.00 *	63.25 *	64.00 *	63.75 *	61.75 *	60.75 *	61.00
South Arkansas and North Louisiana Sour.....	65.75 *	63.50 *	63.75 *	64.50 *	64.25 *	62.25 *	61.25 *	61.50
<b>MISSISSIPPI</b>								
Mississippi Light Sweet.....	68.25 *	66.00 *	66.25 *	67.00 *	66.75 *	64.75 *	63.75 *	64.00
Mississippi Light Sour.....	63.25 *	61.00 *	61.25 *	62.00 *	61.75 *	59.75 *	58.75 *	59.00
<b>COLORADO</b>								
Colorado Southeastern.....	60.25 *	58.00 *	58.25 *	59.00 *	58.75 *	56.75 *	55.75 *	56.00
<b>ILLINOIS</b>								
Illinois Sweet.....	66.25 *	64.00 *	64.25 *	65.00 *	64.75 *	62.75 *	61.75 *	62.00
<b>INDIANA</b>								
Indiana Sweet.....	66.25 *	64.00 *	64.25 *	65.00 *	64.75 *	62.75 *	61.75 *	62.00
<b>KANSAS</b>								
Kansas Common.....	60.10 *	57.85 *	58.10 *	58.85 *	58.60 *	56.60 *	55.60 *	55.85
Eastern Kansas Common.....	60.00 *	57.75 *	58.00 *	58.75 *	58.50 *	56.50 *	55.50 *	55.75
Eastern Kansas Common Special.....	55.95 *	53.70 *	53.95 *	54.70 *	54.45 *	52.45 *	51.45 *	51.70
Northwestern Kansas Sweet.....	61.25 *	59.00 *	59.25 *	60.00 *	59.75 *	57.75 *	56.75 *	57.00
Southwestern Kansas Sweet.....	61.75 *	59.50 *	59.75 *	60.50 *	60.25 *	58.25 *	57.25 *	57.50
Central Kansas Sweet.....	63.35 *	61.10 *	61.35 *	62.10 *	61.85 *	59.85 *	58.85 *	59.10
<b>NEBRASKA</b>								
Nebraska Western.....	61.05 *	58.80 *	59.05 *	59.80 *	59.55 *	57.55 *	56.55 *	56.80
Nebraska Intermediate.....	59.75 *	57.50 *	57.75 *	58.50 *	58.25 *	56.25 *	55.25 *	55.50
<b>OKLAHOMA</b>								
Domestic Sweet (Cushing).....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
Oklahoma Sweet.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
Oklahoma Sweet Special.....	65.75 *	63.50 *	63.75 *	64.50 *	64.25 *	62.25 *	61.25 *	61.50
Oklahoma Sweet-Central.....	69.75 *	67.50 *	67.75 *	68.50 *	68.25 *	66.25 *	65.25 *	65.50
Western Oklahoma.....	65.25 *	63.00 *	63.25 *	64.00 *	63.75 *	61.75 *	60.75 *	61.00
Oklahoma Panhandle.....	64.75 *	62.50 *	62.75 *	63.50 *	63.25 *	61.25 *	60.25 *	60.50
Oklahoma Sour.....	57.25 *	55.00 *	55.25 *	56.00 *	55.75 *	53.75 *	52.75 *	53.00
Oklahoma Condensate.....	66.96 *	64.80 *	65.04 *	65.76 *	65.52 *	63.60 *	62.64 *	62.88
Oklahoma Condensate Light.....	65.57 *	63.45 *	63.69 *	64.39 *	64.16 *	62.28 *	61.34 *	61.57
<b>WYOMING</b>								
Wyoming Southwestern Area.....	66.33 *	64.08 *	64.33 *	65.08 *	64.83 *	62.83 *	61.83 *	62.08
Wyoming Sweet other Areas.....	66.85 *	64.60 *	64.85 *	65.60 *	65.35 *	63.35 *	62.35 *	62.60

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



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BULLETIN No:	2018-204	2018-205	2018-206	2018-207	2018-208	2018-209	2018-210	2018-211
EFFECTIVE DATE:	10/22/18	10/23/18	10/24/18	10/25/18	10/26/18	10/29/18	10/30/18	10/31/18
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
<b>TEXAS</b>								
West Texas Intermediate - Area #1.....*	65.50 *	62.25 *	62.75 *	63.50 *	63.50	63.25 *	62.00 *	61.25 *
West Texas Intermediate - All Other Areas.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
West Texas Sour.....*	50.35 *	47.10 *	47.60 *	48.35 *	48.35	48.10 *	46.85 *	46.10 *
West Central Texas.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
North Texas Sweet.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
North Texas (Cooke & Grayson) Sour.....*	63.50 *	60.25 *	60.75 *	61.50 *	61.50	61.25 *	60.00 *	59.25 *
East Texas Field.....*	63.25 *	60.00 *	60.50 *	61.25 *	61.25	61.00 *	59.75 *	59.00 *
East Texas (Other than E. TX. Field).....*	63.25 *	60.00 *	60.50 *	61.25 *	61.25	61.00 *	59.75 *	59.00 *
East Texas Sour.....*	62.25 *	59.00 *	59.50 *	60.25 *	60.25	60.00 *	58.75 *	58.00 *
East Texas Light Sour.....*	63.25 *	60.00 *	60.50 *	61.25 *	61.25	61.00 *	59.75 *	59.00 *
East Texas Condensate.....*	61.25 *	58.00 *	58.50 *	59.25 *	59.25	59.00 *	57.75 *	57.00 *
Texas Upper Gulf Coast.....*	59.75 *	56.50 *	57.00 *	57.75 *	57.75	57.50 *	56.25 *	55.50 *
Texas Central Gulf Coast (Giddings).....*	59.75 *	56.50 *	57.00 *	57.75 *	57.75	57.50 *	56.25 *	55.50 *
South Texas Light (Sweet).....*	59.75 *	56.50 *	57.00 *	57.75 *	57.75	57.50 *	56.25 *	55.50 *
South Texas Heavy.....*	59.50 *	56.25 *	56.75 *	57.50 *	57.50	57.25 *	56.00 *	55.25 *
South Texas Sour.....*	53.25 *	50.00 *	50.50 *	51.25 *	51.25	51.00 *	49.75 *	49.00 *
Texas Panhandle.....*	65.50 *	62.25 *	62.75 *	63.50 *	63.50	63.25 *	62.00 *	61.25 *
South Texas Sweet.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
Eagle Ford Light.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
<b>NEW MEXICO</b>								
New Mexico Intermediate.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
New Mexico Sour.....*	50.35 *	47.10 *	47.60 *	48.35 *	48.35	48.10 *	46.85 *	46.10 *
<b>LOUISIANA</b>								
North Louisiana.....*	63.00 *	59.75 *	60.25 *	61.00 *	61.00	60.75 *	59.50 *	58.75 *
Central Louisiana Sweet.....*	65.50 *	62.25 *	62.75 *	63.50 *	63.50	63.25 *	62.00 *	61.25 *
North Louisiana Nacatoch.....*	66.50 *	63.25 *	63.75 *	64.50 *	64.50	64.25 *	63.00 *	62.25 *
Central Louisiana LCT.....*	65.75 *	62.50 *	63.00 *	63.75 *	63.75	63.50 *	62.25 *	61.50 *
North Louisiana Condensate.....*	63.00 *	59.75 *	60.25 *	61.00 *	61.00	60.75 *	59.50 *	58.75 *
South Louisiana Light Sweet (Onshore).....*	64.50 *	61.25 *	61.75 *	62.50 *	62.50	62.25 *	61.00 *	60.25 *
South Louisiana Eugene Island (Onshore).....*	61.50 *	58.25 *	58.75 *	59.50 *	59.50	59.25 *	58.00 *	57.25 *
South Arkansas and North Louisiana Sour.....*	62.00 *	58.75 *	59.25 *	60.00 *	60.00	59.75 *	58.50 *	57.75 *
<b>MISSISSIPPI</b>								
Mississippi Light Sweet.....*	64.50 *	61.25 *	61.75 *	62.50 *	62.50	62.25 *	61.00 *	60.25 *
Mississippi Light Sour.....*	59.50 *	56.25 *	56.75 *	57.50 *	57.50	57.25 *	56.00 *	55.25 *
<b>COLORADO</b>								
Colorado Southeastern.....*	56.50 *	53.25 *	53.75 *	54.50 *	54.50	54.25 *	53.00 *	52.25 *
<b>ILLINOIS</b>								
Illinois Sweet.....*	62.50 *	59.25 *	59.75 *	60.50 *	60.50	60.25 *	59.00 *	58.25 *
<b>INDIANA</b>								
Indiana Sweet.....*	62.50 *	59.25 *	59.75 *	60.50 *	60.50	60.25 *	59.00 *	58.25 *
<b>KANSAS</b>								
Kansas Common.....*	56.35 *	53.10 *	53.60 *	54.35 *	54.35	54.10 *	52.85 *	52.10 *
Eastern Kansas Common.....*	56.25 *	53.00 *	53.50 *	54.25 *	54.25	54.00 *	52.75 *	52.00 *
Eastern Kansas Common Special.....*	52.20 *	48.95 *	49.45 *	50.20 *	50.20	49.95 *	48.70 *	47.95 *
Northwestern Kansas Sweet.....*	57.50 *	54.25 *	54.75 *	55.50 *	55.50	55.25 *	54.00 *	53.25 *
Southwestern Kansas Sweet.....*	58.00 *	54.75 *	55.25 *	56.00 *	56.00	55.75 *	54.50 *	53.75 *
Central Kansas Sweet.....*	59.60 *	56.35 *	56.85 *	57.60 *	57.60	57.35 *	56.10 *	55.35 *
<b>NEBRASKA</b>								
Nebraska Western.....*	57.30 *	54.05 *	54.55 *	55.30 *	55.30	55.05 *	53.80 *	53.05 *
Nebraska Intermediate.....*	56.00 *	52.75 *	53.25 *	54.00 *	54.00	53.75 *	52.50 *	51.75 *
<b>OKLAHOMA</b>								
Domestic Sweet (Cushing).....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
Oklahoma Sweet.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
Oklahoma Sweet Special.....*	62.00 *	58.75 *	59.25 *	60.00 *	60.00	59.75 *	58.50 *	57.75 *
Oklahoma Sweet-Central.....*	66.00 *	62.75 *	63.25 *	64.00 *	64.00	63.75 *	62.50 *	61.75 *
Western Oklahoma.....*	61.50 *	58.25 *	58.75 *	59.50 *	59.50	59.25 *	58.00 *	57.25 *
Oklahoma Panhandle.....*	61.00 *	57.75 *	58.25 *	59.00 *	59.00	58.75 *	57.50 *	56.75 *
Oklahoma Sour.....*	53.50 *	50.25 *	50.75 *	51.50 *	51.50	51.25 *	50.00 *	49.25 *
Oklahoma Condensate.....*	63.36 *	60.24 *	60.72 *	61.44 *	61.44	61.20 *	60.00 *	59.28 *
Oklahoma Condensate Light.....*	62.04 *	58.99 *	59.46 *	60.16 *	60.16	59.93 *	58.75 *	58.05 *
<b>WYOMING</b>								
Wyoming Southwestern Area.....*	62.58 *	59.33 *	59.83 *	60.58 *	60.58	60.33 *	59.08 *	58.33 *
Wyoming Sweet other Areas.....*	63.10 *	59.85 *	60.35 *	61.10 *	61.10	60.85 *	59.60 *	58.85 *

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

**CRUDE OIL PRICE BULLETIN - RECAP  
OCTOBER  
2018**



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

BULLETIN No:  
EFFECTIVE DATE:

	OCTOBER 2018 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
<b>TEXAS</b>					
West Texas Intermediate - Area #1.....	66.6935	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	67.1935	2045	WTI	40.0-44.9	1
West Texas Sour.....	51.5435	2044	WTS	34.0-44.9	4
West Central Texas.....	67.1935	2090	WTI	40.0-44.9	1
North Texas Sweet.....	67.1935	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	64.6935	2072	WTS	40.0-44.9	3
East Texas Field.....	64.4435	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	64.4435	2001	ETS	40.0-44.9	1
East Texas Sour.....	63.4435	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	64.4435	2111	ETR	34.0-44.9	4
East Texas Condensate.....	62.4435	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	60.9435	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	60.9435	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	60.9435	2026	STL	40.0-44.9	1
South Texas Heavy.....	60.6935	2054	STH	29.0-44.9	5
South Texas Sour.....	54.4435	2050	STS	34.0-44.9	4
Texas Panhandle.....	66.6935	2120	TXP	40.0+	15
South Texas Sweet.....	67.1935	2150	STS	40.0-44.9	16
Eagle Ford Light.....	67.1935	2152	EGF	40.0-44.9	16
<b>NEW MEXICO</b>					
New Mexico Intermediate.....	67.1935	2100	WTI	40.0-44.9	1
New Mexico Sour.....	51.5435	2101	WTS	34.0-44.9	4
<b>LOUISIANA</b>					
North Louisiana.....	64.1935	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	66.6935	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	67.6935	2118	NLN	Flat	Flat
Central Louisiana LCT.....	66.9435	2119	LCT	Flat	Flat
North Louisiana Condensate.....	64.1935	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	65.6935	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	62.6935	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	63.1935	2002	ETR	34.0-44.9	4
<b>MISSISSIPPI</b>					
Mississippi Light Sweet.....	65.6935	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	60.6935	2122	MLS	34.0-44.9	4
<b>COLORADO</b>					
Colorado Southeastern.....	57.6935	2078	RMS	40.0-44.9	12
<b>ILLINOIS</b>					
Illinois Sweet.....	63.6935	2104	ILB	30.0-44.9	11
<b>INDIANA</b>					
Indiana Sweet.....	63.6935	2105	ILB	30.0-44.9	11
<b>KANSAS</b>					
Kansas Common.....	57.5435	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	57.4435	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	53.3935	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	58.6935	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	59.1935	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	60.7935	2124	KSW	40.0-44.9	2
<b>NEBRASKA</b>					
Nebraska Western.....	58.4935	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	57.1935	2125	NBS	40.0+	14
<b>OKLAHOMA</b>					
Domestic Sweet (Cushing).....	67.1935	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	67.1935	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	63.1935	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	67.1935	2051	OKA	40.0-44.9	2
Western Oklahoma.....	62.6935	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	62.1935	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	54.6935	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	64.5058	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	63.1648	2141	OKA	Flat	Flat
<b>WYOMING</b>					
Wyoming Southwestern Area.....	63.7735	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	64.2935	2083	WYS	40.0-44.9	1

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

## 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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