



CRUDE OIL PRICE BULLETIN - RECAP
MAY
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:	2019-082	2019-083	2019-084	2019-085	2019-086	2019-087
EFFECTIVE DATE:	04/30/19	05/01/19	05/02/19	05/03/19	05/06/19	05/07/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	60.00 *	59.50 *	57.75 *	58.00 *	58.00 *	57.50 *
West Texas Intermediate - All Other Areas.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
West Texas Sour.....	58.35 *	55.35 *	53.60 *	53.85 *	53.85 *	53.35 *
West Central Texas.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
North Texas Sweet.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
North Texas (Cooke & Grayson) Sour.....	58.00 *	57.50 *	55.75 *	56.00 *	56.00 *	55.50 *
East Texas Field.....	57.75 *	57.25 *	55.50 *	55.75 *	55.75 *	55.25 *
East Texas (Other than E. TX. Field).....	57.75 *	57.25 *	55.50 *	55.75 *	55.75 *	55.25 *
East Texas Sour.....	56.75 *	56.25 *	54.50 *	54.75 *	54.75 *	54.25 *
East Texas Light Sour.....	57.75 *	57.25 *	55.50 *	55.75 *	55.75 *	55.25 *
East Texas Condensate.....	55.75 *	55.25 *	53.50 *	53.75 *	53.75 *	53.25 *
Texas Upper Gulf Coast.....	54.25 *	53.75 *	52.00 *	52.25 *	52.25 *	51.75 *
Texas Central Gulf Coast (Giddings).....	54.25 *	53.75 *	52.00 *	52.25 *	52.25 *	51.75 *
South Texas Light (Sweet).....	54.25 *	53.75 *	52.00 *	52.25 *	52.25 *	51.75 *
South Texas Heavy.....	54.00 *	53.50 *	51.75 *	52.00 *	52.00 *	51.50 *
South Texas Sour.....	47.75 *	47.25 *	45.50 *	45.75 *	45.75 *	45.25 *
Texas Panhandle.....	60.00 *	59.50 *	57.75 *	58.00 *	58.00 *	57.50 *
South Texas Sweet.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
Eagle Ford Light.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
NEW MEXICO						
New Mexico Intermediate.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
New Mexico Sour.....	58.35 *	55.35 *	53.60 *	53.85 *	53.85 *	53.35 *
LOUISIANA						
North Louisiana.....	57.50 *	57.00 *	55.25 *	55.50 *	55.50 *	55.00 *
Central Louisiana Sweet.....	60.00 *	59.50 *	57.75 *	58.00 *	58.00 *	57.50 *
North Louisiana Nacatoch.....	61.00 *	60.50 *	58.75 *	59.00 *	59.00 *	58.50 *
Central Louisiana LCT.....	60.25 *	59.75 *	58.00 *	58.25 *	58.25 *	57.75 *
North Louisiana Condensate.....	57.50 *	57.00 *	55.25 *	55.50 *	55.50 *	55.00 *
South Louisiana Light Sweet (Onshore).....	59.00 *	58.50 *	56.75 *	57.00 *	57.00 *	56.50 *
South Louisiana Eugene Island (Onshore).....	56.00 *	55.50 *	53.75 *	54.00 *	54.00 *	53.50 *
South Arkansas and North Louisiana Sour.....	56.50 *	56.00 *	54.25 *	54.50 *	54.50 *	54.00 *
MISSISSIPPI						
Mississippi Light Sweet.....	59.00 *	58.50 *	56.75 *	57.00 *	57.00 *	56.50 *
Mississippi Light Sour.....	54.00 *	53.50 *	51.75 *	52.00 *	52.00 *	51.50 *
COLORADO						
Colorado Southeastern.....	51.00 *	50.50 *	48.75 *	49.00 *	49.00 *	48.50 *
ILLINOIS						
Illinois Sweet.....	57.00 *	56.50 *	54.75 *	55.00 *	55.00 *	54.50 *
INDIANA						
Indiana Sweet.....	57.00 *	56.50 *	54.75 *	55.00 *	55.00 *	54.50 *
KANSAS						
Kansas Common.....	50.85 *	50.35 *	48.60 *	48.85 *	48.85 *	48.35 *
Eastern Kansas Common.....	50.75 *	50.25 *	48.50 *	48.75 *	48.75 *	48.25 *
Eastern Kansas Common Special.....	46.70 *	46.20 *	44.45 *	44.70 *	44.70 *	44.20 *
Northwestern Kansas Sweet.....	52.00 *	51.50 *	49.75 *	50.00 *	50.00 *	49.50 *
Southwestern Kansas Sweet.....	52.50 *	52.00 *	50.25 *	50.50 *	50.50 *	50.00 *
Central Kansas Sweet.....	54.10 *	53.60 *	51.85 *	52.10 *	52.10 *	51.60 *
NEBRASKA						
Nebraska Western.....	51.80 *	51.30 *	49.55 *	49.80 *	49.80 *	49.30 *
Nebraska Intermediate.....	50.50 *	50.00 *	48.25 *	48.50 *	48.50 *	48.00 *
OKLAHOMA						
Domestic Sweet (Cushing).....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
Oklahoma Sweet.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
Oklahoma Sweet Special.....	56.50 *	56.00 *	54.25 *	54.50 *	54.50 *	54.00 *
Oklahoma Sweet-Central.....	60.50 *	60.00 *	58.25 *	58.50 *	58.50 *	58.00 *
Western Oklahoma.....	56.00 *	55.50 *	53.75 *	54.00 *	54.00 *	53.50 *
Oklahoma Panhandle.....	55.50 *	55.00 *	53.25 *	53.50 *	53.50 *	53.00 *
Oklahoma Sour.....	48.00 *	47.50 *	45.75 *	46.00 *	46.00 *	45.50 *
Oklahoma Condensate.....	58.08 *	57.60 *	55.92 *	56.16 *	56.16 *	55.68 *
Oklahoma Condensate Light.....	56.87 *	56.40 *	54.76 *	54.99 *	54.99 *	54.52 *
WYOMING						
Wyoming Southwestern Area.....	57.08 *	56.58 *	54.83 *	55.08 *	55.08 *	54.58 *
Wyoming Sweet other Areas.....	57.60 *	57.10 *	55.35 *	55.60 *	55.60 *	55.10 *

(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:	2019-088	2019-089	2019-090	2019-091	2019-092	2019-093
EFFECTIVE DATE:	05/08/19	05/09/19	05/10/19	05/13/19	05/14/19	05/15/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	58.00 *	57.75 *	57.75 *	56.75 *	57.75 *	58.00 *
West Texas Intermediate - All Other Areas.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
West Texas Sour.....	53.85 *	53.60 *	53.60 *	52.60 *	53.60 *	53.85 *
West Central Texas.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
North Texas Sweet.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
North Texas (Cooke & Grayson) Sour.....	56.00 *	55.75 *	55.75 *	54.75 *	55.75 *	56.00 *
East Texas Field.....	55.75 *	55.50 *	55.50 *	54.50 *	55.50 *	55.75 *
East Texas (Other than E. TX. Field).....	55.75 *	55.50 *	55.50 *	54.50 *	55.50 *	55.75 *
East Texas Sour.....	54.75 *	54.50 *	54.50 *	53.50 *	54.50 *	54.75 *
East Texas Light Sour.....	55.75 *	55.50 *	55.50 *	54.50 *	55.50 *	55.75 *
East Texas Condensate.....	53.75 *	53.50 *	53.50 *	52.50 *	53.50 *	53.75 *
Texas Upper Gulf Coast.....	52.25 *	52.00 *	52.00 *	51.00 *	52.00 *	52.25 *
Texas Central Gulf Coast (Giddings).....	52.25 *	52.00 *	52.00 *	51.00 *	52.00 *	52.25 *
South Texas Light (Sweet).....	52.25 *	52.00 *	52.00 *	51.00 *	52.00 *	52.25 *
South Texas Heavy.....	52.00 *	51.75 *	51.75 *	50.75 *	51.75 *	52.00 *
South Texas Sour.....	45.75 *	45.50 *	45.50 *	44.50 *	45.50 *	45.75 *
Texas Panhandle.....	58.00 *	57.75 *	57.75 *	56.75 *	57.75 *	58.00 *
South Texas Sweet.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
Eagle Ford Light.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
NEW MEXICO						
New Mexico Intermediate.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
New Mexico Sour.....	53.85 *	53.60 *	53.60 *	52.60 *	53.60 *	53.85 *
LOUISIANA						
North Louisiana.....	55.50 *	55.25 *	55.25 *	54.25 *	55.25 *	55.50 *
Central Louisiana Sweet.....	58.00 *	57.75 *	57.75 *	56.75 *	57.75 *	58.00 *
North Louisiana Nacatoch.....	59.00 *	58.75 *	58.75 *	57.75 *	58.75 *	59.00 *
Central Louisiana LCT.....	58.25 *	58.00 *	58.00 *	57.00 *	58.00 *	58.25 *
North Louisiana Condensate.....	55.50 *	55.25 *	55.25 *	54.25 *	55.25 *	55.50 *
South Louisiana Light Sweet (Onshore).....	57.00 *	56.75 *	56.75 *	55.75 *	56.75 *	57.00 *
South Louisiana Eugene Island (Onshore).....	54.00 *	53.75 *	53.75 *	52.75 *	53.75 *	54.00 *
South Arkansas and North Louisiana Sour.....	54.50 *	54.25 *	54.25 *	53.25 *	54.25 *	54.50 *
MISSISSIPPI						
Mississippi Light Sweet.....	57.00 *	56.75 *	56.75 *	55.75 *	56.75 *	57.00 *
Mississippi Light Sour.....	52.00 *	51.75 *	51.75 *	50.75 *	51.75 *	52.00 *
COLORADO						
Colorado Southeastern.....	49.00 *	48.75 *	48.75 *	47.75 *	48.75 *	49.00 *
ILLINOIS						
Illinois Sweet.....	55.00 *	54.75 *	54.75 *	53.75 *	54.75 *	55.00 *
INDIANA						
Indiana Sweet.....	55.00 *	54.75 *	54.75 *	53.75 *	54.75 *	55.00 *
KANSAS						
Kansas Common.....	48.85 *	48.60 *	48.60 *	47.60 *	48.60 *	48.85 *
Eastern Kansas Common.....	48.75 *	48.50 *	48.50 *	47.50 *	48.50 *	48.75 *
Eastern Kansas Common Special.....	44.70 *	44.45 *	44.45 *	43.45 *	44.45 *	44.70 *
Northwestern Kansas Sweet.....	50.00 *	49.75 *	49.75 *	48.75 *	49.75 *	50.00 *
Southwestern Kansas Sweet.....	50.50 *	50.25 *	50.25 *	49.25 *	50.25 *	50.50 *
Central Kansas Sweet.....	52.10 *	51.85 *	51.85 *	50.85 *	51.85 *	52.10 *
NEBRASKA						
Nebraska Western.....	49.80 *	49.55 *	49.55 *	48.55 *	49.55 *	49.80 *
Nebraska Intermediate.....	48.50 *	48.25 *	48.25 *	47.25 *	48.25 *	48.50 *
OKLAHOMA						
Domestic Sweet (Cushing).....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
Oklahoma Sweet.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
Oklahoma Sweet Special.....	54.50 *	54.25 *	54.25 *	53.25 *	54.25 *	54.50 *
Oklahoma Sweet-Central.....	58.50 *	58.25 *	58.25 *	57.25 *	58.25 *	58.50 *
Western Oklahoma.....	54.00 *	53.75 *	53.75 *	52.75 *	53.75 *	54.00 *
Oklahoma Panhandle.....	53.50 *	53.25 *	53.25 *	52.25 *	53.25 *	53.50 *
Oklahoma Sour.....	46.00 *	45.75 *	45.75 *	44.75 *	45.75 *	46.00 *
Oklahoma Condensate.....	56.16 *	55.92 *	55.92 *	54.96 *	55.92 *	56.16 *
Oklahoma Condensate Light.....	54.99 *	54.76 *	54.76 *	53.82 *	54.76 *	54.99 *
WYOMING						
Wyoming Southwestern Area.....	55.08 *	54.83 *	54.83 *	53.83 *	54.83 *	55.08 *
Wyoming Sweet other Areas.....	55.60 *	55.35 *	55.35 *	54.35 *	55.35 *	55.60 *

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

MAY

2019



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BULLETIN No:	2019-094	2019-095	2019-096	2019-097	2019-098	2019-099
EFFECTIVE DATE:	05/16/19	05/17/19	05/20/19	05/21/19	05/22/19	05/23/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	58.75 *	58.75 *	59.00 *	59.00 *	57.50 *	54.00 *
West Texas Intermediate - All Other Areas.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
West Texas Sour.....	54.60 *	54.60 *	54.85 *	54.85 *	53.35 *	49.85 *
West Central Texas.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
North Texas Sweet.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
North Texas (Cooke & Grayson) Sour.....	56.75 *	56.75 *	57.00 *	57.00 *	55.50 *	52.00 *
East Texas Field.....	56.50 *	56.50 *	56.75 *	56.75 *	55.25 *	51.75 *
East Texas (Other than E. TX. Field).....	56.50 *	56.50 *	56.75 *	56.75 *	55.25 *	51.75 *
East Texas Sour.....	55.50 *	55.50 *	55.75 *	55.75 *	54.25 *	50.75 *
East Texas Light Sour.....	56.50 *	56.50 *	56.75 *	56.75 *	55.25 *	51.75 *
East Texas Condensate.....	54.50 *	54.50 *	54.75 *	54.75 *	53.25 *	49.75 *
Texas Upper Gulf Coast.....	53.00 *	53.00 *	53.25 *	53.25 *	51.75 *	48.25 *
Texas Central Gulf Coast (Giddings).....	53.00 *	53.00 *	53.25 *	53.25 *	51.75 *	48.25 *
South Texas Light (Sweet).....	53.00 *	53.00 *	53.25 *	53.25 *	51.75 *	48.25 *
South Texas Heavy.....	52.75 *	52.75 *	53.00 *	53.00 *	51.50 *	48.00 *
South Texas Sour.....	46.50 *	46.50 *	46.75 *	46.75 *	45.25 *	41.75 *
Texas Panhandle.....	58.75 *	58.75 *	59.00 *	59.00 *	57.50 *	54.00 *
South Texas Sweet.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
Eagle Ford Light.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
NEW MEXICO						
New Mexico Intermediate.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
New Mexico Sour.....	54.60 *	54.60 *	54.85 *	54.85 *	53.35 *	49.85 *
LOUISIANA						
North Louisiana.....	56.25 *	56.25 *	56.50 *	56.50 *	55.00 *	51.50 *
Central Louisiana Sweet.....	58.75 *	58.75 *	59.00 *	59.00 *	57.50 *	54.00 *
North Louisiana Nacatoch.....	59.75 *	59.75 *	60.00 *	60.00 *	58.50 *	55.00 *
Central Louisiana LCT.....	59.00 *	59.00 *	59.25 *	59.25 *	57.75 *	54.25 *
North Louisiana Condensate.....	56.25 *	56.25 *	56.50 *	56.50 *	55.00 *	51.50 *
South Louisiana Light Sweet (Onshore).....	57.75 *	57.75 *	58.00 *	58.00 *	56.50 *	53.00 *
South Louisiana Eugene Island (Onshore).....	54.75 *	54.75 *	55.00 *	55.00 *	53.50 *	50.00 *
South Arkansas and North Louisiana Sour.....	55.25 *	55.25 *	55.50 *	55.50 *	54.00 *	50.50 *
MISSISSIPPI						
Mississippi Light Sweet.....	57.75 *	57.75 *	58.00 *	58.00 *	56.50 *	53.00 *
Mississippi Light Sour.....	52.75 *	52.75 *	53.00 *	53.00 *	51.50 *	48.00 *
COLORADO						
Colorado Southeastern.....	49.75 *	49.75 *	50.00 *	50.00 *	48.50 *	45.00 *
ILLINOIS						
Illinois Sweet.....	55.75 *	55.75 *	56.00 *	56.00 *	54.50 *	51.00 *
INDIANA						
Indiana Sweet.....	55.75 *	55.75 *	56.00 *	56.00 *	54.50 *	51.00 *
KANSAS						
Kansas Common.....	49.60 *	49.60 *	49.85 *	49.85 *	48.35 *	44.85 *
Eastern Kansas Common.....	49.50 *	49.50 *	49.75 *	49.75 *	48.25 *	44.75 *
Eastern Kansas Common Special.....	45.45 *	45.45 *	45.70 *	45.70 *	44.20 *	40.70 *
Northwestern Kansas Sweet.....	50.75 *	50.75 *	51.00 *	51.00 *	49.50 *	46.00 *
Southwestern Kansas Sweet.....	51.25 *	51.25 *	51.50 *	51.50 *	50.00 *	46.50 *
Central Kansas Sweet.....	52.85 *	52.85 *	53.10 *	53.10 *	51.60 *	48.10 *
NEBRASKA						
Nebraska Western.....	50.55 *	50.55 *	50.80 *	50.80 *	49.30 *	45.80 *
Nebraska Intermediate.....	49.25 *	49.25 *	49.50 *	49.50 *	48.00 *	44.50 *
OKLAHOMA						
Domestic Sweet (Cushing).....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
Oklahoma Sweet.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
Oklahoma Sweet Special.....	55.25 *	55.25 *	55.50 *	55.50 *	54.00 *	50.50 *
Oklahoma Sweet-Central.....	59.25 *	59.25 *	59.50 *	59.50 *	58.00 *	54.50 *
Western Oklahoma.....	54.75 *	54.75 *	55.00 *	55.00 *	53.50 *	50.00 *
Oklahoma Panhandle.....	54.25 *	54.25 *	54.50 *	54.50 *	53.00 *	49.50 *
Oklahoma Sour.....	46.75 *	46.75 *	47.00 *	47.00 *	45.50 *	42.00 *
Oklahoma Condensate.....	56.88 *	56.88 *	57.12 *	57.12 *	55.68 *	52.32 *
Oklahoma Condensate Light.....	55.70 *	55.70 *	55.93 *	55.93 *	54.52 *	51.23 *
WYOMING						
Wyoming Southwestern Area.....	55.83 *	55.83 *	56.08 *	56.08 *	54.58 *	51.08 *
Wyoming Sweet other Areas.....	56.35 *	56.35 *	56.60 *	56.60 *	55.10 *	51.60 *

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

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2019



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HOUSTON, TEXAS 77002

BULLETIN No:	2019-100	2019-101	2019-102	2019-103	2019-104
EFFECTIVE DATE:	05/24/19	05/28/19	05/29/19	05/30/19	05/31/19
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS					
West Texas Intermediate - Area #1.....	54.50 *	55.50 *	54.75 *	52.50 *	49.50 *
West Texas Intermediate - All Other Areas.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
West Texas Sour.....	50.35 *	51.35 *	50.60 *	48.35 *	45.35 *
West Central Texas.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
North Texas Sweet.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
North Texas (Cooke & Grayson) Sour.....	52.50 *	53.50 *	52.75 *	50.50 *	47.50 *
East Texas Field.....	52.25 *	53.25 *	52.50 *	50.25 *	47.25 *
East Texas (Other than E. TX. Field).....	52.25 *	53.25 *	52.50 *	50.25 *	47.25 *
East Texas Sour.....	51.25 *	52.25 *	51.50 *	49.25 *	46.25 *
East Texas Light Sour.....	52.25 *	53.25 *	52.50 *	50.25 *	47.25 *
East Texas Condensate.....	50.25 *	51.25 *	50.50 *	48.25 *	45.25 *
Texas Upper Gulf Coast.....	48.75 *	49.75 *	49.00 *	46.75 *	43.75 *
Texas Central Gulf Coast (Giddings).....	48.75 *	49.75 *	49.00 *	46.75 *	43.75 *
South Texas Light (Sweet).....	48.75 *	49.75 *	49.00 *	46.75 *	43.75 *
South Texas Heavy.....	48.50 *	49.50 *	48.75 *	46.50 *	43.50 *
South Texas Sour.....	42.25 *	43.25 *	42.50 *	40.25 *	37.25 *
Texas Panhandle.....	54.50 *	55.50 *	54.75 *	52.50 *	49.50 *
South Texas Sweet.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
Eagle Ford Light.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
NEW MEXICO					
New Mexico Intermediate.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
New Mexico Sour.....	50.35 *	51.35 *	50.60 *	48.35 *	45.35 *
LOUISIANA					
North Louisiana.....	52.00 *	53.00 *	52.25 *	50.00 *	47.00 *
Central Louisiana Sweet.....	54.50 *	55.50 *	54.75 *	52.50 *	49.50 *
North Louisiana Nacatoch.....	55.50 *	56.50 *	55.75 *	53.50 *	50.50 *
Central Louisiana LCT.....	54.75 *	55.75 *	55.00 *	52.75 *	49.75 *
North Louisiana Condensate.....	52.00 *	53.00 *	52.25 *	50.00 *	47.00 *
South Louisiana Light Sweet (Onshore).....	53.50 *	54.50 *	53.75 *	51.50 *	48.50 *
South Louisiana Eugene Island (Onshore).....	50.50 *	51.50 *	50.75 *	48.50 *	45.50 *
South Arkansas and North Louisiana Sour.....	51.00 *	52.00 *	51.25 *	49.00 *	46.00 *
MISSISSIPPI					
Mississippi Light Sweet.....	53.50 *	54.50 *	53.75 *	51.50 *	48.50 *
Mississippi Light Sour.....	48.50 *	49.50 *	48.75 *	46.50 *	43.50 *
COLORADO					
Colorado Southeastern.....	45.50 *	46.50 *	45.75 *	43.50 *	40.50 *
ILLINOIS					
Illinois Sweet.....	51.50 *	52.50 *	51.75 *	49.50 *	46.50 *
INDIANA					
Indiana Sweet.....	51.50 *	52.50 *	51.75 *	49.50 *	46.50 *
KANSAS					
Kansas Common.....	45.35 *	46.35 *	45.60 *	43.35 *	40.35 *
Eastern Kansas Common.....	45.25 *	46.25 *	45.50 *	43.25 *	40.25 *
Eastern Kansas Common Special.....	41.20 *	42.20 *	41.45 *	39.20 *	36.20 *
Northwestern Kansas Sweet.....	46.50 *	47.50 *	46.75 *	44.50 *	41.50 *
Southwestern Kansas Sweet.....	47.00 *	48.00 *	47.25 *	45.00 *	42.00 *
Central Kansas Sweet.....	48.60 *	49.60 *	48.85 *	46.60 *	43.60 *
NEBRASKA					
Nebraska Western.....	46.30 *	47.30 *	46.55 *	44.30 *	41.30 *
Nebraska Intermediate.....	45.00 *	46.00 *	45.25 *	43.00 *	40.00 *
OKLAHOMA					
Domestic Sweet (Cushing).....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
Oklahoma Sweet.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
Oklahoma Sweet Special.....	51.00 *	52.00 *	51.25 *	49.00 *	46.00 *
Oklahoma Sweet-Central.....	55.00 *	56.00 *	55.25 *	53.00 *	50.00 *
Western Oklahoma.....	50.50 *	51.50 *	50.75 *	48.50 *	45.50 *
Oklahoma Panhandle.....	50.00 *	51.00 *	50.25 *	48.00 *	45.00 *
Oklahoma Sour.....	42.50 *	43.50 *	42.75 *	40.50 *	37.50 *
Oklahoma Condensate.....	52.80 *	53.76 *	53.04 *	50.88 *	48.00 *
Oklahoma Condensate Light.....	51.70 *	52.64 *	51.94 *	49.82 *	47.00 *
WYOMING					
Wyoming Southwestern Area.....	51.58 *	52.58 *	51.83 *	49.58 *	46.58 *
Wyoming Sweet other Areas.....	52.10 *	53.10 *	52.35 *	50.10 *	47.10 *

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



PLAINS MARKETING, L.P.
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HOUSTON, TEXAS 77002

CRUDE OIL PRICE BULLETIN - RECAP
MAY
2019

BULLETIN No: EFFECTIVE DATE:	MAY 2019 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	56.8710	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	57.3710	2045	WTI	40.0-44.9	1
West Texas Sour.....	52.7210	2044	WTS	34.0-44.9	4
West Central Texas.....	57.3710	2090	WTI	40.0-44.9	1
North Texas Sweet.....	57.3710	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	54.8710	2072	WTS	40.0-44.9	3
East Texas Field.....	54.6210	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	54.6210	2001	ETS	40.0-44.9	1
East Texas Sour.....	53.6210	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	54.6210	2111	ETR	34.0-44.9	4
East Texas Condensate.....	52.6210	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	51.1210	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	51.1210	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	51.1210	2026	STL	40.0-44.9	1
South Texas Heavy.....	50.8710	2054	STH	29.0-44.9	5
South Texas Sour.....	44.6210	2050	STS	34.0-44.9	4
Texas Panhandle.....	56.8710	2120	TXP	40.0+	15
South Texas Sweet.....	57.3710	2150	STS	40.0-44.9	16
Eagle Ford Light.....	57.3710	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	57.3710	2100	WTI	40.0-44.9	1
New Mexico Sour.....	52.7210	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	54.3710	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	56.8710	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	57.8710	2118	NLN	Flat	Flat
Central Louisiana LCT.....	57.1210	2119	LCT	Flat	Flat
North Louisiana Condensate.....	54.3710	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	55.8710	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	52.8710	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	53.3710	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	55.8710	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	50.8710	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	47.8710	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	53.8710	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	53.8710	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	47.7210	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	47.6210	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	43.5710	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	48.8710	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	49.3710	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	50.9710	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	48.6710	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	47.3710	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	57.3710	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	57.3710	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	53.3710	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	57.3710	2051	OKA	40.0-44.9	2
Western Oklahoma.....	52.8710	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	52.3710	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	44.8710	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	55.0761	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	53.9306	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	53.9510	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	54.4710	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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