



CRUDE OIL PRICE BULLETIN - RECAP

NOVEMBER

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:	2018-211	2018-212	2018-213	2018-214	2018-215	2018-216
EFFECTIVE DATE:	10/31/18	11/01/18	11/02/18	11/05/18	11/06/18	11/07/18
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	61.25 *	59.75 *	59.00 *	59.25 *	58.25 *	57.75 *
West Texas Intermediate - All Other Areas.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
West Texas Sour.....	46.10 *	51.70 *	50.95 *	51.20 *	50.20 *	49.70 *
West Central Texas.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
North Texas Sweet.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
North Texas (Cooke & Grayson) Sour.....	59.25 *	57.75 *	57.00 *	57.25 *	56.25 *	55.75 *
East Texas Field.....	59.00 *	57.50 *	56.75 *	57.00 *	56.00 *	55.50 *
East Texas (Other than E. TX. Field).....	59.00 *	57.50 *	56.75 *	57.00 *	56.00 *	55.50 *
East Texas Sour.....	58.00 *	56.50 *	55.75 *	56.00 *	55.00 *	54.50 *
East Texas Light Sour.....	59.00 *	57.50 *	56.75 *	57.00 *	56.00 *	55.50 *
East Texas Condensate.....	57.00 *	55.50 *	54.75 *	55.00 *	54.00 *	53.50 *
Texas Upper Gulf Coast.....	55.50 *	54.00 *	53.25 *	53.50 *	52.50 *	52.00 *
Texas Central Gulf Coast (Giddings).....	55.50 *	54.00 *	53.25 *	53.50 *	52.50 *	52.00 *
South Texas Light (Sweet).....	55.50 *	54.00 *	53.25 *	53.50 *	52.50 *	52.00 *
South Texas Heavy.....	55.25 *	53.75 *	53.00 *	53.25 *	52.25 *	51.75 *
South Texas Sour.....	49.00 *	47.50 *	46.75 *	47.00 *	46.00 *	45.50 *
Texas Panhandle.....	61.25 *	59.75 *	59.00 *	59.25 *	58.25 *	57.75 *
South Texas Sweet.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
Eagle Ford Light.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
NEW MEXICO						
New Mexico Intermediate.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
New Mexico Sour.....	46.10 *	51.70 *	50.95 *	51.20 *	50.20 *	49.70 *
LOUISIANA						
North Louisiana.....	58.75 *	57.25 *	56.50 *	56.75 *	55.75 *	55.25 *
Central Louisiana Sweet.....	61.25 *	59.75 *	59.00 *	59.25 *	58.25 *	57.75 *
North Louisiana Nacatoch.....	62.25 *	60.75 *	60.00 *	60.25 *	59.25 *	58.75 *
Central Louisiana LCT.....	61.50 *	60.00 *	59.25 *	59.50 *	58.50 *	58.00 *
North Louisiana Condensate.....	58.75 *	57.25 *	56.50 *	56.75 *	55.75 *	55.25 *
South Louisiana Light Sweet (Onshore).....	60.25 *	58.75 *	58.00 *	58.25 *	57.25 *	56.75 *
South Louisiana Eugene Island (Onshore).....	57.25 *	55.75 *	55.00 *	55.25 *	54.25 *	53.75 *
South Arkansas and North Louisiana Sour.....	57.75 *	56.25 *	55.50 *	55.75 *	54.75 *	54.25 *
MISSISSIPPI						
Mississippi Light Sweet.....	60.25 *	58.75 *	58.00 *	58.25 *	57.25 *	56.75 *
Mississippi Light Sour.....	55.25 *	53.75 *	53.00 *	53.25 *	52.25 *	51.75 *
COLORADO						
Colorado Southeastern.....	52.25 *	50.75 *	50.00 *	50.25 *	49.25 *	48.75 *
ILLINOIS						
Illinois Sweet.....	58.25 *	56.75 *	56.00 *	56.25 *	55.25 *	54.75 *
INDIANA						
Indiana Sweet.....	58.25 *	56.75 *	56.00 *	56.25 *	55.25 *	54.75 *
KANSAS						
Kansas Common.....	52.10 *	50.60 *	49.85 *	50.10 *	49.10 *	48.60 *
Eastern Kansas Common.....	52.00 *	50.50 *	49.75 *	50.00 *	49.00 *	48.50 *
Eastern Kansas Common Special.....	47.95 *	46.45 *	45.70 *	45.95 *	44.95 *	44.45 *
Northwestern Kansas Sweet.....	53.25 *	51.75 *	51.00 *	51.25 *	50.25 *	49.75 *
Southwestern Kansas Sweet.....	53.75 *	52.25 *	51.50 *	51.75 *	50.75 *	50.25 *
Central Kansas Sweet.....	55.35 *	53.85 *	53.10 *	53.35 *	52.35 *	51.85 *
NEBRASKA						
Nebraska Western.....	53.05 *	51.55 *	50.80 *	51.05 *	50.05 *	49.55 *
Nebraska Intermediate.....	51.75 *	50.25 *	49.50 *	49.75 *	48.75 *	48.25 *
OKLAHOMA						
Domestic Sweet (Cushing).....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
Oklahoma Sweet.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
Oklahoma Sweet Special.....	57.75 *	56.25 *	55.50 *	55.75 *	54.75 *	54.25 *
Oklahoma Sweet-Central.....	61.75 *	60.25 *	59.50 *	59.75 *	58.75 *	58.25 *
Western Oklahoma.....	57.25 *	55.75 *	55.00 *	55.25 *	54.25 *	53.75 *
Oklahoma Panhandle.....	56.75 *	55.25 *	54.50 *	54.75 *	53.75 *	53.25 *
Oklahoma Sour.....	49.25 *	47.75 *	47.00 *	47.25 *	46.25 *	45.75 *
Oklahoma Condensate.....	59.28 *	57.84 *	57.12 *	57.36 *	56.40 *	55.92 *
Oklahoma Condensate Light.....	58.05 *	56.64 *	55.93 *	56.17 *	55.23 *	54.76 *
WYOMING						
Wyoming Southwestern Area.....	58.33 *	56.83 *	56.08 *	56.33 *	55.33 *	54.83 *
Wyoming Sweet other Areas.....	58.85 *	57.35 *	56.60 *	56.85 *	55.85 *	55.35 *

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

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

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



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

BULLETIN No:	2018-217	2018-218	2018-219	2018-220	2018-221	2018-222	2018-223
EFFECTIVE DATE:	11/08/18	11/09/18	11/12/18	11/13/18	11/14/18	11/15/18	11/16/18
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS							
West Texas Intermediate - Area #1.....	56.50 *	56.25 *	55.75 *	51.75 *	52.25 *	52.25	52.50 *
West Texas Intermediate - All Other Areas.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
West Texas Sour.....	48.45 *	48.20 *	47.70 *	43.70 *	44.20 *	44.20	44.45 *
West Central Texas.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
North Texas Sweet.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
North Texas (Cooke & Grayson) Sour.....	54.50 *	54.25 *	53.75 *	49.75 *	50.25 *	50.25	50.50 *
East Texas Field.....	54.25 *	54.00 *	53.50 *	49.50 *	50.00 *	50.00	50.25 *
East Texas (Other than E. TX. Field).....	54.25 *	54.00 *	53.50 *	49.50 *	50.00 *	50.00	50.25 *
East Texas Sour.....	53.25 *	53.00 *	52.50 *	48.50 *	49.00 *	49.00	49.25 *
East Texas Light Sour.....	54.25 *	54.00 *	53.50 *	49.50 *	50.00 *	50.00	50.25 *
East Texas Condensate.....	52.25 *	52.00 *	51.50 *	47.50 *	48.00 *	48.00	48.25 *
Texas Upper Gulf Coast.....	50.75 *	50.50 *	50.00 *	46.00 *	46.50 *	46.50	46.75 *
Texas Central Gulf Coast (Giddings).....	50.75 *	50.50 *	50.00 *	46.00 *	46.50 *	46.50	46.75 *
South Texas Light (Sweet).....	50.75 *	50.50 *	50.00 *	46.00 *	46.50 *	46.50	46.75 *
South Texas Heavy.....	50.50 *	50.25 *	49.75 *	45.75 *	46.25 *	46.25	46.50 *
South Texas Sour.....	44.25 *	44.00 *	43.50 *	39.50 *	40.00 *	40.00	40.25 *
Texas Panhandle.....	56.50 *	56.25 *	55.75 *	51.75 *	52.25 *	52.25	52.50 *
South Texas Sweet.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
Eagle Ford Light.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
NEW MEXICO							
New Mexico Intermediate.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
New Mexico Sour.....	48.45 *	48.20 *	47.70 *	43.70 *	44.20 *	44.20	44.45 *
LOUISIANA							
North Louisiana.....	54.00 *	53.75 *	53.25 *	49.25 *	49.75 *	49.75	50.00 *
Central Louisiana Sweet.....	56.50 *	56.25 *	55.75 *	51.75 *	52.25 *	52.25	52.50 *
North Louisiana Nacatoch.....	57.50 *	57.25 *	56.75 *	52.75 *	53.25 *	53.25	53.50 *
Central Louisiana LCT.....	56.75 *	56.50 *	56.00 *	52.00 *	52.50 *	52.50	52.75 *
North Louisiana Condensate.....	54.00 *	53.75 *	53.25 *	49.25 *	49.75 *	49.75	50.00 *
South Louisiana Light Sweet (Onshore).....	55.50 *	55.25 *	54.75 *	50.75 *	51.25 *	51.25	51.50 *
South Louisiana Eugene Island (Onshore).....	52.50 *	52.25 *	51.75 *	47.75 *	48.25 *	48.25	48.50 *
South Arkansas and North Louisiana Sour.....	53.00 *	52.75 *	52.25 *	48.25 *	48.75 *	48.75	49.00 *
MISSISSIPPI							
Mississippi Light Sweet.....	55.50 *	55.25 *	54.75 *	50.75 *	51.25 *	51.25	51.50 *
Mississippi Light Sour.....	50.50 *	50.25 *	49.75 *	45.75 *	46.25 *	46.25	46.50 *
COLORADO							
Colorado Southeastern.....	47.50 *	47.25 *	46.75 *	42.75 *	43.25 *	43.25	43.50 *
ILLINOIS							
Illinois Sweet.....	53.50 *	53.25 *	52.75 *	48.75 *	49.25 *	49.25	49.50 *
INDIANA							
Indiana Sweet.....	53.50 *	53.25 *	52.75 *	48.75 *	49.25 *	49.25	49.50 *
KANSAS							
Kansas Common.....	47.35 *	47.10 *	46.60 *	42.60 *	43.10 *	43.10	43.35 *
Eastern Kansas Common.....	47.25 *	47.00 *	46.50 *	42.50 *	43.00 *	43.00	43.25 *
Eastern Kansas Common Special.....	43.20 *	42.95 *	42.45 *	38.45 *	38.95 *	38.95	39.20 *
Northwestern Kansas Sweet.....	48.50 *	48.25 *	47.75 *	43.75 *	44.25 *	44.25	44.50 *
Southwestern Kansas Sweet.....	49.00 *	48.75 *	48.25 *	44.25 *	44.75 *	44.75	45.00 *
Central Kansas Sweet.....	50.60 *	50.35 *	49.85 *	45.85 *	46.35 *	46.35	46.60 *
NEBRASKA							
Nebraska Western.....	48.30 *	48.05 *	47.55 *	43.55 *	44.05 *	44.05	44.30 *
Nebraska Intermediate.....	47.00 *	46.75 *	46.25 *	42.25 *	42.75 *	42.75	43.00 *
OKLAHOMA							
Domestic Sweet (Cushing).....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
Oklahoma Sweet.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
Oklahoma Sweet Special.....	53.00 *	52.75 *	52.25 *	48.25 *	48.75 *	48.75	49.00 *
Oklahoma Sweet-Central.....	57.00 *	56.75 *	56.25 *	52.25 *	52.75 *	52.75	53.00 *
Western Oklahoma.....	52.50 *	52.25 *	51.75 *	47.75 *	48.25 *	48.25	48.50 *
Oklahoma Panhandle.....	52.00 *	51.75 *	51.25 *	47.25 *	47.75 *	47.75	48.00 *
Oklahoma Sour.....	44.50 *	44.25 *	43.75 *	39.75 *	40.25 *	40.25	40.50 *
Oklahoma Condensate.....	54.72 *	54.48 *	54.00 *	50.16 *	50.64 *	50.64	50.88 *
Oklahoma Condensate Light.....	53.58 *	53.35 *	52.88 *	49.12 *	49.59 *	49.59	49.82 *
WYOMING							
Wyoming Southwestern Area.....	53.58 *	53.33 *	52.83 *	48.83 *	49.33 *	49.33	49.58 *
Wyoming Sweet other Areas.....	54.10 *	53.85 *	53.35 *	49.35 *	49.85 *	49.85	50.10 *

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

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BULLETIN No:	2018-224	2018-225	2018-226	2018-227	2018-228	2018-229	2018-230	2018-231	2018-232
EFFECTIVE DATE:	11/19/18	11/20/18	11/21/18	11/23/18	11/26/18	11/27/18	11/28/18	11/29/18	11/30/18
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS									
West Texas Intermediate - Area #1.....	52.75 *	49.25 *	50.75 *	46.25 *	47.75 *	47.75	46.25 *	47.25 *	47.00 *
West Texas Intermediate - All Other Areas.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
West Texas Sour.....	44.70 *	41.20 *	42.70 *	38.20 *	39.70 *	39.70	38.20 *	39.20 *	38.95 *
West Central Texas.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
North Texas Sweet.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
North Texas (Cooke & Grayson) Sour.....	50.75 *	47.25 *	48.75 *	44.25 *	45.75 *	45.75	44.25 *	45.25 *	45.00 *
East Texas Field.....	50.50 *	47.00 *	48.50 *	44.00 *	45.50 *	45.50	44.00 *	45.00 *	44.75 *
East Texas (Other than E. TX. Field).....	50.50 *	47.00 *	48.50 *	44.00 *	45.50 *	45.50	44.00 *	45.00 *	44.75 *
East Texas Sour.....	49.50 *	46.00 *	47.50 *	43.00 *	44.50 *	44.50	43.00 *	44.00 *	43.75 *
East Texas Light Sour.....	50.50 *	47.00 *	48.50 *	44.00 *	45.50 *	45.50	44.00 *	45.00 *	44.75 *
East Texas Condensate.....	48.50 *	45.00 *	46.50 *	42.00 *	43.50 *	43.50	42.00 *	43.00 *	42.75 *
Texas Upper Gulf Coast.....	47.00 *	43.50 *	45.00 *	40.50 *	42.00 *	42.00	40.50 *	41.50 *	41.25 *
Texas Central Gulf Coast (Giddings).....	47.00 *	43.50 *	45.00 *	40.50 *	42.00 *	42.00	40.50 *	41.50 *	41.25 *
South Texas Light (Sweet).....	47.00 *	43.50 *	45.00 *	40.50 *	42.00 *	42.00	40.50 *	41.50 *	41.25 *
South Texas Heavy.....	46.75 *	43.25 *	44.75 *	40.25 *	41.75 *	41.75	40.25 *	41.25 *	41.00 *
South Texas Sour.....	40.50 *	37.00 *	38.50 *	34.00 *	35.50 *	35.50	34.00 *	35.00 *	34.75 *
Texas Panhandle.....	52.75 *	49.25 *	50.75 *	46.25 *	47.75 *	47.75	46.25 *	47.25 *	47.00 *
South Texas Sweet.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
Eagle Ford Light.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
NEW MEXICO									
New Mexico Intermediate.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
New Mexico Sour.....	44.70 *	41.20 *	42.70 *	38.20 *	39.70 *	39.70	38.20 *	39.20 *	38.95 *
LOUISIANA									
North Louisiana.....	50.25 *	46.75 *	48.25 *	43.75 *	45.25 *	45.25	43.75 *	44.75 *	44.50 *
Central Louisiana Sweet.....	52.75 *	49.25 *	50.75 *	46.25 *	47.75 *	47.75	46.25 *	47.25 *	47.00 *
North Louisiana Nacatoch.....	53.75 *	50.25 *	51.75 *	47.25 *	48.75 *	48.75	47.25 *	48.25 *	48.00 *
Central Louisiana LCT.....	53.00 *	49.50 *	51.00 *	46.50 *	48.00 *	48.00	46.50 *	47.50 *	47.25 *
North Louisiana Condensate.....	50.25 *	46.75 *	48.25 *	43.75 *	45.25 *	45.25	43.75 *	44.75 *	44.50 *
South Louisiana Light Sweet (Onshore).....	51.75 *	48.25 *	49.75 *	45.25 *	46.75 *	46.75	45.25 *	46.25 *	46.00 *
South Louisiana Eugene Island (Onshore).....	48.75 *	45.25 *	46.75 *	42.25 *	43.75 *	43.75	42.25 *	43.25 *	43.00 *
South Arkansas and North Louisiana Sour.....	49.25 *	45.75 *	47.25 *	42.75 *	44.25 *	44.25	42.75 *	43.75 *	43.50 *
MISSISSIPPI									
Mississippi Light Sweet.....	51.75 *	48.25 *	49.75 *	45.25 *	46.75 *	46.75	45.25 *	46.25 *	46.00 *
Mississippi Light Sour.....	46.75 *	43.25 *	44.75 *	40.25 *	41.75 *	41.75	40.25 *	41.25 *	41.00 *
COLORADO									
Colorado Southeastern.....	43.75 *	40.25 *	41.75 *	37.25 *	38.75 *	38.75	37.25 *	38.25 *	38.00 *
ILLINOIS									
Illinois Sweet.....	49.75 *	46.25 *	47.75 *	43.25 *	44.75 *	44.75	43.25 *	44.25 *	44.00 *
INDIANA									
Indiana Sweet.....	49.75 *	46.25 *	47.75 *	43.25 *	44.75 *	44.75	43.25 *	44.25 *	44.00 *
KANSAS									
Kansas Common.....	43.60 *	40.10 *	41.60 *	37.10 *	38.60 *	38.60	37.10 *	38.10 *	37.85 *
Eastern Kansas Common.....	43.50 *	40.00 *	41.50 *	37.00 *	38.50 *	38.50	37.00 *	38.00 *	37.75 *
Eastern Kansas Common Special.....	39.45 *	35.95 *	37.45 *	32.95 *	34.45 *	34.45	32.95 *	33.95 *	33.70 *
Northwestern Kansas Sweet.....	44.75 *	41.25 *	42.75 *	38.25 *	39.75 *	39.75	38.25 *	39.25 *	39.00 *
Southwestern Kansas Sweet.....	45.25 *	41.75 *	43.25 *	38.75 *	40.25 *	40.25	38.75 *	39.75 *	39.50 *
Central Kansas Sweet.....	46.85 *	43.35 *	44.85 *	40.35 *	41.85 *	41.85	40.35 *	41.35 *	41.10 *
NEBRASKA									
Nebraska Western.....	44.55 *	41.05 *	42.55 *	38.05 *	39.55 *	39.55	38.05 *	39.05 *	38.80 *
Nebraska Intermediate.....	43.25 *	39.75 *	41.25 *	36.75 *	38.25 *	38.25	36.75 *	37.75 *	37.50 *
OKLAHOMA									
Domestic Sweet (Cushing).....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
Oklahoma Sweet.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
Oklahoma Sweet Special.....	49.25 *	45.75 *	47.25 *	42.75 *	44.25 *	44.25	42.75 *	43.75 *	43.50 *
Oklahoma Sweet-Central.....	53.25 *	49.75 *	51.25 *	46.75 *	48.25 *	48.25	46.75 *	47.75 *	47.50 *
Western Oklahoma.....	48.75 *	45.25 *	46.75 *	42.25 *	43.75 *	43.75	42.25 *	43.25 *	43.00 *
Oklahoma Panhandle.....	48.25 *	44.75 *	46.25 *	41.75 *	43.25 *	43.25	41.75 *	42.75 *	42.50 *
Oklahoma Sour.....	40.75 *	37.25 *	38.75 *	34.25 *	35.75 *	35.75	34.25 *	35.25 *	35.00 *
Oklahoma Condensate.....	51.12 *	47.76 *	49.20 *	44.88 *	46.32 *	46.32	44.88 *	45.84 *	45.60 *
Oklahoma Condensate Light.....	50.06 *	46.77 *	48.18 *	43.95 *	45.36 *	45.36	43.95 *	44.89 *	44.65 *
WYOMING									
Wyoming Southwestern Area.....	49.83 *	46.33 *	47.83 *	43.33 *	44.83 *	44.83	43.33 *	44.33 *	44.08 *
Wyoming Sweet other Areas.....	50.35 *	46.85 *	48.35 *	43.85 *	45.35 *	45.35	43.85 *	44.85 *	44.60 *

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

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NOVEMBER
2018**



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333 CLAY, SUITE 1600
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HOUSTON, TEXAS 77002

BULLETIN No: EFFECTIVE DATE:	NOVEMBER 2018 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	52.8333	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	53.3333	2045	WTI	40.0-44.9	1
West Texas Sour.....	44.7833	2044	WTS	34.0-44.9	4
West Central Texas.....	53.3333	2090	WTI	40.0-44.9	1
North Texas Sweet.....	53.3333	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	50.8333	2072	WTS	40.0-44.9	3
East Texas Field.....	50.5833	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	50.5833	2001	ETS	40.0-44.9	1
East Texas Sour.....	49.5833	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	50.5833	2111	ETR	34.0-44.9	4
East Texas Condensate.....	48.5833	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	47.0833	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	47.0833	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	47.0833	2026	STL	40.0-44.9	1
South Texas Heavy.....	46.8333	2054	STH	29.0-44.9	5
South Texas Sour.....	40.5833	2050	STS	34.0-44.9	4
Texas Panhandle.....	52.8333	2120	TXP	40.0+	15
South Texas Sweet.....	53.3333	2150	STS	40.0-44.9	16
Eagle Ford Light.....	53.3333	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	53.3333	2100	WTI	40.0-44.9	1
New Mexico Sour.....	44.7833	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	50.3333	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	52.8333	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	53.8333	2118	NLN	Flat	Flat
Central Louisiana LCT.....	53.0833	2119	LCT	Flat	Flat
North Louisiana Condensate.....	50.3333	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	51.8333	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	48.8333	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	49.3333	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	51.8333	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	46.8333	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	43.8333	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	49.8333	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	49.8333	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	43.6833	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	43.5833	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	39.5333	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	44.8333	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	45.3333	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	46.9333	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	44.6333	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	43.3333	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	53.3333	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	53.3333	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	49.3333	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	53.3333	2051	OKA	40.0-44.9	2
Western Oklahoma.....	48.8333	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	48.3333	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	40.8333	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	51.2000	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	50.1370	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	49.9133	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	50.4333	2083	WYS	40.0-44.9	1

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