

**CRUDE OIL PRICE BULLETIN - RECAP**



**June  
2023**

**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 t

BULLETIN No:	2023-104	2023-105	2023-106	2023-107	2023-108	2023-109	2023-110	2023-111	2023-112
EFFECTIVE DATE:	06/01/23	06/02/23	06/05/23	06/06/23	06/07/23	06/08/23	06/09/23	06/12/23	06/13/23
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
<b>TEXAS</b>									
West Texas Intermediate.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
West Texas Intermediate - Area #1.....	66.08 *	67.72 *	68.13 *	67.72 *	68.51 *	67.27 *	66.15 *	63.10 *	65.40 *
West Texas Sour.....	64.33 *	65.97 *	66.38 *	65.97 *	66.76 *	65.52 *	64.40 *	61.35 *	63.65 *
West Central Texas.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
North Texas Sweet.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
North Texas (Cooke & Grayson) Sour.....	64.08 *	65.72 *	66.13 *	65.72 *	66.51 *	65.27 *	64.15 *	61.10 *	63.40 *
East Texas Field.....	63.83 *	65.47 *	65.88 *	65.47 *	66.26 *	65.02 *	63.90 *	60.85 *	63.15 *
East Texas (Other than E.. TX.. Field).....	63.83 *	65.47 *	65.88 *	65.47 *	66.26 *	65.02 *	63.90 *	60.85 *	63.15 *
East Texas Sour.....	62.83 *	64.47 *	64.88 *	64.47 *	65.26 *	64.02 *	62.90 *	59.85 *	62.15 *
East Texas Light Sour.....	63.83 *	65.47 *	65.88 *	65.47 *	66.26 *	65.02 *	63.90 *	60.85 *	63.15 *
East Texas Condensate.....	61.83 *	63.47 *	63.88 *	63.47 *	64.26 *	63.02 *	61.90 *	58.85 *	61.15 *
Texas Upper Gulf Coast.....	60.33 *	61.97 *	62.38 *	61.97 *	62.76 *	61.52 *	60.40 *	57.35 *	59.65 *
Texas Central Gulf Coast (Giddings).....	60.33 *	61.97 *	62.38 *	61.97 *	62.76 *	61.52 *	60.40 *	57.35 *	59.65 *
South Texas Light (Sweet).....	60.33 *	61.97 *	62.38 *	61.97 *	62.76 *	61.52 *	60.40 *	57.35 *	59.65 *
South Texas Heavy.....	60.08 *	61.72 *	62.13 *	61.72 *	62.51 *	61.27 *	60.15 *	57.10 *	59.40 *
South Texas Sour.....	53.83 *	55.47 *	55.88 *	55.47 *	56.26 *	55.02 *	53.90 *	50.85 *	53.15 *
Texas Panhandle.....	66.08 *	67.72 *	68.13 *	67.72 *	68.51 *	67.27 *	66.15 *	63.10 *	65.40 *
South Texas Sweet.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
Eagle Ford Light.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
<b>NEW MEXICO</b>									
New Mexico Intermediate.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
New Mexico Sour.....	64.33 *	65.97 *	66.38 *	65.97 *	66.76 *	65.52 *	64.40 *	61.35 *	63.65 *
<b>LOUISIANA</b>									
North Louisiana.....	66.08 *	67.72 *	68.13 *	67.72 *	68.51 *	67.27 *	66.15 *	63.10 *	65.40 *
Central Louisiana Sweet.....	66.08 *	67.72 *	68.13 *	67.72 *	68.51 *	67.27 *	66.15 *	63.10 *	65.40 *
North Louisiana Nacatoch.....	67.08 *	68.72 *	69.13 *	68.72 *	69.51 *	68.27 *	67.15 *	64.10 *	66.40 *
Central Louisiana LCT.....	66.33 *	67.97 *	68.38 *	67.97 *	68.76 *	67.52 *	66.40 *	63.35 *	65.65 *
North Louisiana Condensate.....	62.08 *	63.72 *	64.13 *	63.72 *	64.51 *	63.27 *	62.15 *	59.10 *	61.40 *
South Louisiana Light Sweet (Onshore).....	65.08 *	66.72 *	67.13 *	66.72 *	67.51 *	66.27 *	65.15 *	62.10 *	64.40 *
South Louisiana Eugene Island (Onshore).....	62.08 *	63.72 *	64.13 *	63.72 *	64.51 *	63.27 *	62.15 *	59.10 *	61.40 *
South Arkansas and North Louisiana Sour.....	63.58 *	65.22 *	65.63 *	65.22 *	66.01 *	64.77 *	63.65 *	60.60 *	62.90 *
<b>MISSISSIPPI</b>									
Mississippi Light Sweet.....	65.08 *	66.72 *	67.13 *	66.72 *	67.51 *	66.27 *	65.15 *	62.10 *	64.40 *
Mississippi Light Sour.....	60.08 *	61.72 *	62.13 *	61.72 *	62.51 *	61.27 *	60.15 *	57.10 *	59.40 *
<b>COLORADO</b>									
Colorado Southeastern.....	57.08 *	58.72 *	59.13 *	58.72 *	59.51 *	58.27 *	57.15 *	54.10 *	56.40 *
<b>ILLINOIS</b>									
Illinois Sweet.....	63.08 *	64.72 *	65.13 *	64.72 *	65.51 *	64.27 *	63.15 *	60.10 *	62.40 *
<b>INDIANA</b>									
Indiana Sweet.....	63.08 *	64.72 *	65.13 *	64.72 *	65.51 *	64.27 *	63.15 *	60.10 *	62.40 *
<b>KANSAS</b>									
Kansas Common.....	56.93 *	58.57 *	58.98 *	58.57 *	59.36 *	58.12 *	57.00 *	53.95 *	56.25 *
Eastern Kansas Common.....	56.83 *	58.47 *	58.88 *	58.47 *	59.26 *	58.02 *	56.90 *	53.85 *	56.15 *
Northwestern Kansas Sweet.....	58.08 *	59.72 *	60.13 *	59.72 *	60.51 *	59.27 *	58.15 *	55.10 *	57.40 *
Southwestern Kansas Sweet.....	58.58 *	60.22 *	60.63 *	60.22 *	61.01 *	59.77 *	58.65 *	55.60 *	57.90 *
Central Kansas Sweet.....	60.18 *	61.82 *	62.23 *	61.82 *	62.61 *	61.37 *	60.25 *	57.20 *	59.50 *
<b>NEBRASKA</b>									
Nebraska Western.....	57.88 *	59.52 *	59.93 *	59.52 *	60.31 *	59.07 *	57.95 *	54.90 *	57.20 *
Nebraska Intermediate.....	56.58 *	58.22 *	58.63 *	58.22 *	59.01 *	57.77 *	56.65 *	53.60 *	55.90 *
<b>OKLAHOMA</b>									
Domestic Sweet (Cushing).....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
Oklahoma Sweet.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
Oklahoma Sweet Special.....	62.58 *	64.22 *	64.63 *	64.22 *	65.01 *	63.77 *	62.65 *	59.60 *	61.90 *
Oklahoma Sweet-Central.....	66.58 *	68.22 *	68.63 *	68.22 *	69.01 *	67.77 *	66.65 *	63.60 *	65.90 *
Western Oklahoma.....	62.08 *	63.72 *	64.13 *	63.72 *	64.51 *	63.27 *	62.15 *	59.10 *	61.40 *
Oklahoma Panhandle.....	61.58 *	63.22 *	63.63 *	63.22 *	64.01 *	62.77 *	61.65 *	58.60 *	60.90 *
Oklahoma Sour.....	54.08 *	55.72 *	56.13 *	55.72 *	56.51 *	55.27 *	54.15 *	51.10 *	53.40 *
Oklahoma Condensate.....	63.92 *	65.49 *	65.88 *	65.49 *	66.25 *	65.06 *	63.98 *	61.06 *	63.26 *
Oklahoma Condensate Light.....	62.59 *	64.13 *	64.51 *	64.13 *	64.87 *	63.70 *	62.65 *	59.78 *	61.95 *
<b>WYOMING</b>									
Wyoming Southwestern Area.....	63.16 *	64.80 *	65.21 *	64.80 *	65.59 *	64.35 *	63.23 *	60.18 *	62.48 *
Wyoming Sweet other Areas.....	63.68 *	65.32 *	65.73 *	65.32 *	66.11 *	64.87 *	63.75 *	60.70 *	63.00 *

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

## CRUDE OIL PRICE BULLETIN - RECAP



June  
2023

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

The following prices adjusted for American Petroleum Institute (API) gravity per barrel.

BULLETIN No:	2023-113	2023-114	2023-115	2023-116	2023-117	2023-118	2023-119	2023-120	2023-121
EFFECTIVE DATE:	06/14/23	06/15/23	06/16/23	06/20/23	06/21/23	06/22/23	06/23/23	06/26/23	06/27/23
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
<b>TEXAS</b>									
West Texas Intermediate.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
West Texas Intermediate - Area #1.....	64.25 *	66.60 *	67.76 *	66.48 *	68.51 *	65.49 *	65.14 *	65.35 *	63.68 *
West Texas Sour.....	62.50 *	64.85 *	66.01 *	64.73 *	66.76 *	63.74 *	63.39 *	63.60 *	61.93 *
West Central Texas.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
North Texas Sweet.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
North Texas (Cooke & Grayson) Sour.....	62.25 *	64.60 *	65.76 *	64.48 *	66.51 *	63.49 *	63.14 *	63.35 *	61.68 *
East Texas Field.....	62.00 *	64.35 *	65.51 *	64.23 *	66.26 *	63.24 *	62.89 *	63.10 *	61.43 *
East Texas (Other than E. TX. Field).....	62.00 *	64.35 *	65.51 *	64.23 *	66.26 *	63.24 *	62.89 *	63.10 *	61.43 *
East Texas Sour.....	61.00 *	63.35 *	64.51 *	63.23 *	65.26 *	62.24 *	61.89 *	62.10 *	60.43 *
East Texas Light Sour.....	62.00 *	64.35 *	65.51 *	64.23 *	66.26 *	63.24 *	62.89 *	63.10 *	61.43 *
East Texas Condensate.....	60.00 *	62.35 *	63.51 *	62.23 *	64.26 *	61.24 *	60.89 *	61.10 *	59.43 *
Texas Upper Gulf Coast.....	58.50 *	60.85 *	62.01 *	60.73 *	62.76 *	59.74 *	59.39 *	59.60 *	57.93 *
Texas Central Gulf Coast (Giddings).....	58.50 *	60.85 *	62.01 *	60.73 *	62.76 *	59.74 *	59.39 *	59.60 *	57.93 *
South Texas Light (Sweet).....	58.50 *	60.85 *	62.01 *	60.73 *	62.76 *	59.74 *	59.39 *	59.60 *	57.93 *
South Texas Heavy.....	58.25 *	60.60 *	61.76 *	60.48 *	62.51 *	59.49 *	59.14 *	59.35 *	57.68 *
South Texas Sour.....	52.00 *	54.35 *	55.51 *	54.23 *	56.26 *	53.24 *	52.89 *	53.10 *	51.43 *
Texas Panhandle.....	64.25 *	66.60 *	67.76 *	66.48 *	68.51 *	65.49 *	65.14 *	65.35 *	63.68 *
South Texas Sweet.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
Eagle Ford Light.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
<b>NEW MEXICO</b>									
New Mexico Intermediate.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
New Mexico Sour.....	62.50 *	64.85 *	66.01 *	64.73 *	66.76 *	63.74 *	63.39 *	63.60 *	61.93 *
<b>LOUISIANA</b>									
North Louisiana.....	64.25 *	66.60 *	67.76 *	66.48 *	68.51 *	65.49 *	65.14 *	65.35 *	63.68 *
Central Louisiana Sweet.....	64.25 *	66.60 *	67.76 *	66.48 *	68.51 *	65.49 *	65.14 *	65.35 *	63.68 *
North Louisiana Nacatoch.....	65.25 *	67.60 *	68.76 *	67.48 *	69.51 *	66.49 *	66.14 *	66.35 *	64.68 *
Central Louisiana LCT.....	64.50 *	66.85 *	68.01 *	66.73 *	68.76 *	65.74 *	65.39 *	65.60 *	63.93 *
North Louisiana Condensate.....	60.25 *	62.60 *	63.76 *	62.48 *	64.51 *	61.49 *	61.14 *	61.35 *	59.68 *
South Louisiana Light Sweet (Onshore).....	63.25 *	65.60 *	66.76 *	65.48 *	67.51 *	64.49 *	64.14 *	64.35 *	62.68 *
South Louisiana Eugene Island (Onshore).....	60.25 *	62.60 *	63.76 *	62.48 *	64.51 *	61.49 *	61.14 *	61.35 *	59.68 *
South Arkansas and North Louisiana Sour.....	61.75 *	64.10 *	65.26 *	63.98 *	66.01 *	62.99 *	62.64 *	62.85 *	61.18 *
<b>MISSISSIPPI</b>									
Mississippi Light Sweet.....	63.25 *	65.60 *	66.76 *	65.48 *	67.51 *	64.49 *	64.14 *	64.35 *	62.68 *
Mississippi Light Sour.....	58.25 *	60.60 *	61.76 *	60.48 *	62.51 *	59.49 *	59.14 *	59.35 *	57.68 *
<b>COLORADO</b>									
Colorado Southeastern.....	55.25 *	57.60 *	58.76 *	57.48 *	59.51 *	56.49 *	56.14 *	56.35 *	54.68 *
<b>ILLINOIS</b>									
Illinois Sweet.....	61.25 *	63.60 *	64.76 *	63.48 *	65.51 *	62.49 *	62.14 *	62.35 *	60.68 *
<b>INDIANA</b>									
Indiana Sweet.....	61.25 *	63.60 *	64.76 *	63.48 *	65.51 *	62.49 *	62.14 *	62.35 *	60.68 *
<b>KANSAS</b>									
Kansas Common.....	55.10 *	57.45 *	58.61 *	57.33 *	59.36 *	56.34 *	55.99 *	56.20 *	54.53 *
Eastern Kansas Common.....	55.00 *	57.35 *	58.51 *	57.23 *	59.26 *	56.24 *	55.89 *	56.10 *	54.43 *
Northwestern Kansas Sweet.....	56.25 *	58.60 *	59.76 *	58.48 *	60.51 *	57.49 *	57.14 *	57.35 *	55.68 *
Southwestern Kansas Sweet.....	56.75 *	59.10 *	60.26 *	58.98 *	61.01 *	57.99 *	57.64 *	57.85 *	56.18 *
Central Kansas Sweet.....	58.35 *	60.70 *	61.86 *	60.58 *	62.61 *	59.59 *	59.24 *	59.45 *	57.78 *
<b>NEBRASKA</b>									
Nebraska Western.....	56.05 *	58.40 *	59.56 *	58.28 *	60.31 *	57.29 *	56.94 *	57.15 *	55.48 *
Nebraska Intermediate.....	54.75 *	57.10 *	58.26 *	56.98 *	59.01 *	55.99 *	55.64 *	55.85 *	54.18 *
<b>OKLAHOMA</b>									
Domestic Sweet (Cushing).....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
Oklahoma Sweet.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
Oklahoma Sweet Special.....	60.75 *	63.10 *	64.26 *	62.98 *	65.01 *	61.99 *	61.64 *	61.85 *	60.18 *
Oklahoma Sweet-Central.....	64.75 *	67.10 *	68.26 *	66.98 *	69.01 *	65.99 *	65.64 *	65.85 *	64.18 *
Western Oklahoma.....	60.25 *	62.60 *	63.76 *	62.48 *	64.51 *	61.49 *	61.14 *	61.35 *	59.68 *
Oklahoma Panhandle.....	59.75 *	62.10 *	63.26 *	61.98 *	64.01 *	60.99 *	60.64 *	60.85 *	59.18 *
Oklahoma Sour.....	52.25 *	54.60 *	55.76 *	54.48 *	56.51 *	53.49 *	53.14 *	53.35 *	51.68 *
Oklahoma Condensate.....	62.16 *	64.42 *	65.53 *	64.30 *	66.25 *	63.35 *	63.01 *	63.22 *	61.61 *
Oklahoma Condensate Light.....	60.87 *	63.07 *	64.16 *	62.96 *	64.87 *	62.03 *	61.70 *	61.90 *	60.33 *
<b>WYOMING</b>									
Wyoming Southwestern Area.....	61.33 *	63.68 *	64.84 *	63.56 *	65.59 *	62.57 *	62.22 *	62.43 *	60.76 *
Wyoming Sweet other Areas.....	61.85 *	64.20 *	65.36 *	64.08 *	66.11 *	63.09 *	62.74 *	62.95 *	61.28 *

(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.



June  
2023

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

BULLETIN No:	2023-122	2023-123	2023-124
EFFECTIVE DATE:	06/28/23	06/29/23	06/30/23
	\$/BBL	\$/BBL	\$/BBL
<b>TEXAS</b>			
West Texas Intermediate.....	66.04 *	66.34 *	67.12 *
West Texas Intermediate - Area #1.....	65.54 *	65.84 *	66.62 *
West Texas Sour.....	63.79 *	64.09 *	64.87 *
West Central Texas.....	66.04 *	66.34 *	67.12 *
North Texas Sweet.....	66.04 *	66.34 *	67.12 *
North Texas (Cooke & Grayson) Sour.....	63.54 *	63.84 *	64.62 *
East Texas Field.....	63.29 *	63.59 *	64.37 *
East Texas (Other than E. TX. Field).....	63.29 *	63.59 *	64.37 *
East Texas Sour.....	62.29 *	62.59 *	63.37 *
East Texas Light Sour.....	63.29 *	63.59 *	64.37 *
East Texas Condensate.....	61.29 *	61.59 *	62.37 *
Texas Upper Gulf Coast.....	59.79 *	60.09 *	60.87 *
Texas Central Gulf Coast (Giddings).....	59.79 *	60.09 *	60.87 *
South Texas Light (Sweet).....	59.79 *	60.09 *	60.87 *
South Texas Heavy.....	59.54 *	59.84 *	60.62 *
South Texas Sour.....	53.29 *	53.59 *	54.37 *
Texas Panhandle.....	65.54 *	65.84 *	66.62 *
South Texas Sweet.....	66.04 *	66.34 *	67.12 *
Eagle Ford Light.....	66.04 *	66.34 *	67.12 *
<b>NEW MEXICO</b>			
New Mexico Intermediate.....	66.04 *	66.34 *	67.12 *
New Mexico Sour.....	63.79 *	64.09 *	64.87 *
<b>LOUISIANA</b>			
North Louisiana.....	65.54 *	65.84 *	66.62 *
Central Louisiana Sweet.....	65.54 *	65.84 *	66.62 *
North Louisiana Nacatoch.....	66.54 *	66.84 *	67.62 *
Central Louisiana LCT.....	65.79 *	66.09 *	66.87 *
North Louisiana Condensate.....	61.54 *	61.84 *	62.62 *
South Louisiana Light Sweet (Onshore).....	64.54 *	64.84 *	65.62 *
South Louisiana Eugene Island (Onshore).....	61.54 *	61.84 *	62.62 *
South Arkansas and North Louisiana Sour.....	63.04 *	63.34 *	64.12 *
<b>MISSISSIPPI</b>			
Mississippi Light Sweet.....	64.54 *	64.84 *	65.62 *
Mississippi Light Sour.....	59.54 *	59.84 *	60.62 *
<b>COLORADO</b>			
Colorado Southeastern.....	56.54 *	56.84 *	57.62 *
<b>ILLINOIS</b>			
Illinois Sweet.....	62.54 *	62.84 *	63.62 *
<b>INDIANA</b>			
Indiana Sweet.....	62.54 *	62.84 *	63.62 *
<b>KANSAS</b>			
Kansas Common.....	56.39 *	56.69 *	57.47 *
Eastern Kansas Common.....	56.29 *	56.59 *	57.37 *
Northwestern Kansas Sweet.....	57.54 *	57.84 *	58.62 *
Southwestern Kansas Sweet.....	58.04 *	58.34 *	59.12 *
Central Kansas Sweet.....	59.64 *	59.94 *	60.72 *
<b>NEBRASKA</b>			
Nebraska Western.....	57.34 *	57.64 *	58.42 *
Nebraska Intermediate.....	56.04 *	56.34 *	57.12 *
<b>OKLAHOMA</b>			
Domestic Sweet (Cushing).....	66.04 *	66.34 *	67.12 *
Oklahoma Sweet.....	66.04 *	66.34 *	67.12 *
Oklahoma Sweet Special.....	62.04 *	62.34 *	63.12 *
Oklahoma Sweet-Central.....	66.04 *	66.34 *	67.12 *
Western Oklahoma.....	61.54 *	61.84 *	62.62 *
Oklahoma Panhandle.....	61.04 *	61.34 *	62.12 *
Oklahoma Sour.....	53.54 *	53.84 *	54.62 *
Oklahoma Condensate.....	63.40 *	63.69 *	64.44 *
Oklahoma Condensate Light.....	62.08 *	62.36 *	63.09 *
<b>WYOMING</b>			
Wyoming Southwestern Area.....	62.62 *	62.92 *	63.70 *
Wyoming Sweet other Areas.....	63.14 *	63.44 *	64.22 *

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

Internet Web  
Site,

## CRUDE OIL PRICE BULLETIN - RECAP



June  
2023

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

BULLETIN No:  
EFFECTIVE DATE:

	June 2023 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
<b>TEXAS</b>					
West Texas Intermediate.....	66.9213	2045	WTI	40.0-44.9	1
West Texas Intermediate - Area #1.....	66.4213	2099	WTI	40.0-44.9	1
West Texas Sour.....	64.6713	2044	WTS	34.0-44.9	4
West Central Texas.....	66.9213	2090	WTI	40.0-44.9	1
North Texas Sweet.....	66.9213	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	64.4213	2072	WTS	40.0-44.9	3
East Texas Field.....	64.1713	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	64.1713	2001	ETS	40.0-44.9	1
East Texas Sour.....	63.1713	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	64.1713	2111	ETR	34.0-44.9	4
East Texas Condensate.....	62.1713	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	60.6713	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	60.6713	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	60.6713	2026	STL	40.0-44.9	1
South Texas Heavy.....	60.4213	2054	STH	29.0-44.9	5
South Texas Sour.....	54.1713	2050	STS	34.0-44.9	4
Texas Panhandle.....	66.4213	2120	TXP	40.0+	15
South Texas Sweet.....	66.9213	2150	STS	40.0-44.9	16
Eagle Ford Light.....	66.9213	2152	EGF	40.0-44.9	16
<b>NEW MEXICO</b>					
New Mexico Intermediate.....	66.9213	2100	WTI	40.0-44.9	1
New Mexico Sour.....	64.6713	2101	WTS	34.0-44.9	4
<b>LOUISIANA</b>					
North Louisiana.....	66.4213	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	66.4213	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	67.4213	2118	NLN	Flat	Flat
Central Louisiana LCT.....	66.6713	2119	LCT	Flat	Flat
North Louisiana Condensate.....	62.4213	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	65.4213	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	62.4213	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	63.9213	2002	ETR	34.0-44.9	4
<b>MISSISSIPPI</b>					
Mississippi Light Sweet.....	65.4213	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	60.4213	2122	MLS	34.0-44.9	4
<b>COLORADO</b>					
Colorado Southeastern.....	57.4213	2078	RMS	40.0-44.9	12
<b>ILLINOIS</b>					
Illinois Sweet.....	63.4213	2104	ILB	30.0-44.9	11
<b>INDIANA</b>					
Indiana Sweet.....	63.4213	2105	ILB	30.0-44.9	11
<b>KANSAS</b>					
Kansas Common.....	57.2713	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	57.1713	2109	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	58.4213	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	58.9213	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	60.5213	2124	KSW	40.0-44.9	2
<b>NEBRASKA</b>					
Nebraska Western.....	58.2213	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	56.9213	2125	NBS	40.0+	14
<b>OKLAHOMA</b>					
Domestic Sweet (Cushing).....	66.9213	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	66.9213	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	62.9213	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	66.9213	2051	OKA	40.0-44.9	2
Western Oklahoma.....	62.4213	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	61.9213	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	54.4213	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	64.2440	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	62.9057	2141	OKA	Flat	Flat
<b>WYOMING</b>					
Wyoming Southwestern Area.....	63.5013	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	64.0213	2083	WYS	40.0-44.9	1

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