

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-December 2023
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	342,208	5,882	--	--	150,286	-259,467	-28,247	1,306	209,350	6	0	25,727
Hydrocarbon Gas Liquids	198,096	-4,545	-109	3,566	5,964	-183,035	--	1,044	6,418	71	12,404	7,164
Natural Gas Liquids	198,096	-4,545	-109	2,466	5,963	-183,035	--	1,020	6,418	71	11,327	7,062
Ethane	59,873	--	--	--	--	-61,356	--	44	--	1	-1,528	1,080
Propane	69,066	--	--	2,584	5,803	-61,297	--	685	--	18	15,454	3,082
Normal Butane	27,414	--	--	81	137	-25,251	--	270	2,316	5	-210	1,681
Isobutane	12,200	--	--	-199	1	-12,295	--	29	2,066	--	-2,388	454
Natural Gasoline	29,543	-4,545	-109	--	22	-22,836	--	-8	2,036	47	0	765
Refinery Olefins	--	--	--	1,100	1	--	--	24	--	--	1,077	102
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	254	1	--	--	-9	--	--	264	1
Normal Butylene	--	--	--	846	--	--	--	33	--	--	813	101
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,338	10,958	--	684	11,317	7,502	667	21,669	914	5,873	10,374
Hydrogen/Biofuels/Other Hydrocarbons	--	--	10,958	--	129	5,659	4,045	151	14,100	667	5,873	732
Hydrogen	--	--	--	--	--	--	2,471	--	2,471	--	0	--
Biofuels (including Fuel Ethanol)	--	--	10,958	--	129	5,659	1,574	151	11,629	667	5,873	732
Fuel Ethanol	--	--	4,544	--	--	5,312	1,574	10	10,875	546	0	352
Biofuels (excluding Fuel Ethanol) ⁶	--	--	6,414	--	129	347	--	142	754	122	5,873	380
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,338	--	--	--	--	--	47	-1,591	206	0	3,042
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	555	5,658	3,456	469	9,160	40	0	6,600
Reformulated	--	--	--	--	--	1,508	3,072	568	4,012	--	--	--
Conventional	--	--	--	--	555	4,150	384	-99	5,148	40	0	6,032
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-9	243,099	2,142	-1,960	-5,031	903	--	198	237,139	8,844
Finished Motor Gasoline	--	--	0	126,588	--	-3,773	-5,031	-26	--	9	117,802	1,260
Reformulated	--	--	--	4,655	--	--	-3,091	0	--	--	1,564	--
Conventional	--	--	0	121,933	--	-3,773	-1,940	-26	--	9	116,237	1,260
Finished Aviation Gasoline	--	--	--	64	1	--	--	-2	--	--	67	7
Kerosene-Type Jet Fuel	--	--	0	12,364	316	9,603	--	101	--	0	22,182	856
Kerosene	--	--	--	2	--	--	--	0	--	--	2	2
Distillate Fuel Oil	--	--	-9	71,461	723	1,151	--	851	--	0	72,474	4,546
15 ppm sulfur and under	--	--	-9	71,340	723	1,151	--	796	--	0	72,408	4,295
Greater than 15 to 500 ppm sulfur	--	--	--	99	--	--	--	-1	--	--	100	147
Greater than 500 ppm sulfur	--	--	--	22	--	--	--	56	--	--	-34	104
Residual Fuel Oil	--	--	--	4,107	15	--	--	-7	--	--	4,129	203
Less than 0.31 percent sulfur	--	--	--	2,211	11	--	--	-2	--	NA	NA	24
0.31 to 1.00 percent sulfur	--	--	--	294	4	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	1,602	--	--	--	-5	--	NA	NA	175
Petrochemical Feedstocks	--	--	--	245	--	--	--	--	--	--	245	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	245	--	--	--	--	--	--	245	--
Special Naphthas	--	--	--	--	8	--	--	--	--	--	8	--
Lubricants	--	--	--	--	3	--	--	--	--	167	-164	--
Waxes	--	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke	--	--	--	8,251	--	-4,030	--	35	--	1	4,185	132
Marketable	--	--	--	5,740	--	-4,030	--	35	--	1	1,674	132
Catalyst	--	--	--	2,511	--	--	--	--	--	--	2,511	--
Asphalt and Road Oil	--	--	--	11,487	1,076	-4,911	--	-53	--	19	7,686	1,818
Still Gas	--	--	--	7,573	--	--	--	--	--	--	7,573	--
Miscellaneous Products	--	--	--	957	--	--	--	4	--	0	953	20
Total	540,304	0	10,840	246,665	159,076	-433,145	-25,776	3,921	237,437	1,189	255,416	52,108

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus transfers to crude oil supply, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Data source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Biofuels, Fuel Oxygenates, Isooctane, and Isooctene Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.