

Archer Financial Services

Steve Platt / Mike McElroy (877) 377-7931

DOE Weekly Crude Oil Summary

WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2023	Week Change	2022	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2023	2022	4 Yr Avg	2023	2022	4 Yr Avg
13-Oct	419,748	(4,491)	437,357	(1,725)	446,290	(1,214)	5,942	5,908	5,677	27.0	27.8	29.8
20-Oct	421,120	1,372	439,945	2,588	450,509	4,220	6,013	6,180	6,199	27.4	28.1	30.2
27-Oct-23	421,893	773	436,830	(3,115)	450,536	27	6,425	6,205	5,871	27.6	28.0	30.3
3-Nov	-----	-----	440,755	3,925	453,392	2,856	-----	6,454	5,953	-----	28.0	30.4
10-Nov	-----	-----	435,355	(5,400)	452,053	(1,338)	-----	5,559	5,744	-----	27.4	30.0
17-Nov	-----	-----	431,665	(3,690)	451,590	(464)	-----	7,063	6,229	-----	26.8	29.6
24-Nov	-----	-----	419,084	(12,581)	446,833	(4,756)	-----	6,037	6,007	-----	25.7	29.0

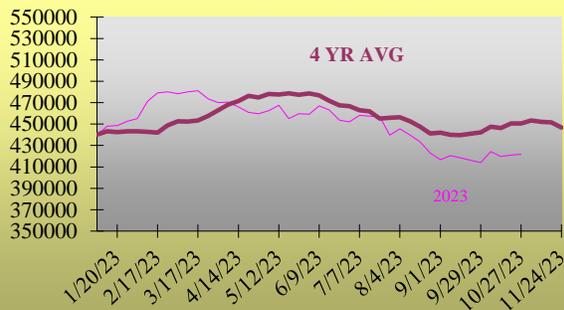
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2023	Week Change	2022	4 Yr Avg	4 Yr Avg Wk Chg	2023	2022	4 yr Avg	2023	Week Change	2022	4 Yr Avg
13-Oct	13,200	0	12,000	11,450	(150)	15,396	15,550	14,858	86.1	0.4	89.5	83.1
20-Oct	13,200	0	12,000	11,750	300	15,189	15,436	14,968	85.6	(0.5)	88.9	84.1
27-Oct-23	13,200	0	11,900	11,625	(125)	15,251	15,842	15,045	85.4	(0.2)	90.6	84.6
3-Nov	-----	-----	12,100	11,725	100	-----	16,089	15,205	-----	-----	92.1	85.3
10-Nov	-----	-----	12,100	11,800	75	-----	16,152	15,456	-----	-----	92.9	86.9
17-Nov	-----	-----	12,100	11,875	75	-----	16,410	15,662	-----	-----	93.9	87.6
24-Nov	-----	-----	12,100	11,925	50	-----	16,638	15,770	-----	-----	95.2	88.5

WEEK ENDING	PADD I*				PADD II				PADD III			
	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg
13-Oct	7,581	745	8,582	9,237	101,893	(530)	109,475	125,046	242,753	(2,937)	247,725	245,723
20-Oct	7,648	67	7,891	9,382	102,642	749	110,310	124,651	242,485	(268)	249,505	244,087
27-Oct-23	7,928	280	7,644	9,575	103,694	1,052	112,433	124,454	241,784	(701)	246,030	245,895
3-Nov	-----	-----	8,386	9,734	-----	-----	111,547	124,121	-----	-----	247,393	245,057
10-Nov	-----	-----	7,703	9,640	-----	-----	108,675	124,455	-----	-----	245,033	244,125

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg
13-Oct	23,262	(282)	23,678	23,045	44,258	(1,488)	47,896	48,995	419,748	(4,491)	437,357	446,290
20-Oct	23,409	147	23,446	23,138	44,935	677	48,793	49,028	421,120	1,372	439,945	450,509
27-Oct-23	23,460	51	23,211	23,855	45,028	93	47,512	49,609	421,893	773	436,830	450,536
3-Nov	-----	-----	23,899	24,379	-----	-----	49,531	48,589	-----	-----	440,755	453,392
10-Nov	-----	-----	24,488	24,328	-----	-----	49,457	49,282	-----	-----	435,355	452,053

COFS Index: This Week: 2.19 Last Week: 2.24

CRUDE STOCKS



REFINERY PERCENT OPERATED



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DOE Weekly Distillate Fuel Summary

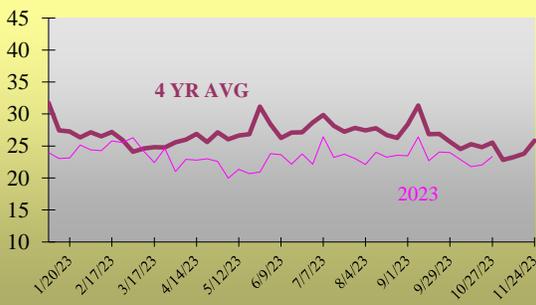
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2023	Week Change	2022	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2023	2022	4 Yr Avg	2023	2022	4 Yr Avg
13-Oct	113,773	(3,185)	106,187	124	128,272	(2,584)	77	111	150	21.8	20.8	25.3
20-Oct	112,087	(1,686)	106,357	170	126,825	(1,446)	116	139	242	22.0	20.9	24.8
27-Oct-23	111,295	(792)	106,784	427	126,921	95	71	121	237	23.4	20.6	25.5
3-Nov	-----	-----	106,263	(521)	124,179	(2,742)	-----	328	243	-----	19.0	22.8
10-Nov	-----	-----	107,383	1,120	122,706	(1,474)	-----	110	237	-----	21.3	23.2
17-Nov	-----	-----	109,101	1,718	122,464	(242)	-----	122	220	-----	21.9	23.8
24-Nov	-----	-----	112,648	3,547	125,466	3,002	-----	152	286	-----	22.7	25.8

WEEK ENDING	PRODUCTION				APPARENT DEMAND					JET KEROSENE		
	2023	Week Change	2022	4 Yr Avg	2023	Week Change	2022	4 Wk Avg	4 Yr Avg	2023	Week Change	4 Yr Avg
13-Oct	4,694	(33)	5,023	4,584	5,226	117	5,116	5,150	5,103	43,061	126	38,840
20-Oct	4,733	39	4,978	4,664	5,090	(136)	5,093	5,065	5,112	41,769	(1,292)	38,640
27-Oct-23	4,580	(153)	5,117	4,775	4,764	(326)	5,177	4,980	4,999	40,470	(1,299)	38,209
3-Nov	-----	-----	5,204	4,837	-----	-----	5,606	-----	5,472	-----	-----	37,755
10-Nov	-----	-----	5,097	4,835	-----	-----	5,047	-----	5,282	-----	-----	38,038
17-Nov	-----	-----	5,111	4,895	-----	-----	4,988	-----	5,149	-----	-----	37,638
24-Nov	-----	-----	5,311	5,008	-----	-----	4,956	-----	4,865	-----	-----	36,966

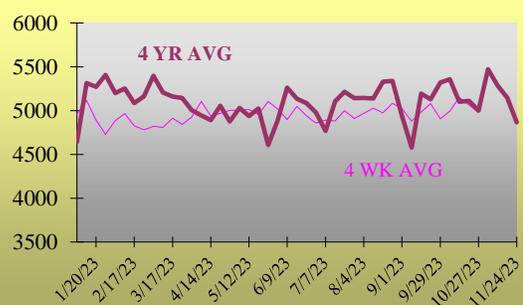
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	
13-Oct	25,926	(1,207)	25,560	40,447	29,286	(1,567)	25,469	27,028	42,325	(141)	41,243	44,783
20-Oct	26,884	958	23,956	40,870	27,687	(1,599)	24,629	26,129	41,157	(1,168)	42,846	43,327
27-Oct-23	24,801	(2,083)	25,370	41,545	27,750	63	24,858	25,295	43,077	1,920	42,056	42,484
3-Nov	-----	-----	24,874	44,014	-----	-----	24,528	24,740	-----	-----	41,372	42,284
10-Nov	-----	-----	25,889	44,768	-----	-----	24,347	25,594	-----	-----	41,989	42,113

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg
13-Oct	3,779	(147)	3,241	3,364	12,458	(122)	10,674	11,621	113,773	(3,185)	106,187	128,272
20-Oct	3,715	(64)	3,196	3,331	12,644	186	11,730	11,652	112,087	(1,686)	106,357	126,825
27-Oct-23	3,770	55	3,315	3,151	11,897	(747)	11,185	11,511	111,295	(792)	106,784	126,921
3-Nov	-----	-----	3,265	3,119	-----	-----	12,224	11,560	-----	-----	106,263	124,179
10-Nov	-----	-----	3,138	3,293	-----	-----	12,020	11,449	-----	-----	107,383	122,706

HEATING OIL DAYS SUPPLY



HEATING OIL DEMAND



DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2023	Week Change	2022	Week Change	4 Yr Avg	2023	Week Change	PADD I 2023	Week Change	2023	2022	4 Yr Avg
13-Oct	223,301	(2,370)	209,368	(114)	219,304	19	3	3	0	706	475	572
20-Oct	223,457	156	207,890	(1,478)	217,454	19	0	3	0	653	655	570
27-Oct-23	223,522	65	206,633	(1,257)	216,446	18	(1)	3	0	557	286	519
3-Nov	-----	-----	205,733	(900)	215,721	-----	-----	-----	-----	-----	489	551
10-Nov	-----	-----	207,940	2,207	217,187	-----	-----	-----	-----	-----	572	610
17-Nov	-----	-----	210,998	3,058	219,629	-----	-----	-----	-----	-----	585	571
24-Nov	-----	-----	213,768	2,770	223,048	-----	-----	-----	-----	-----	535	525

WEEK ENDING	PRODUCTION				APPARENT DEMAND				DAYS SUPPLY			
	2023	Week Change	2022	4 Yr Avg	2023	Week Change	2022	4 Wk Avg	4 Yr Avg	2023	2022	4 Yr Avg
13-Oct	9,761	77	9,381	9,618	8,943	362	8,678	8,539	9,048	26.1	23.8	24.3
20-Oct	9,824	63	9,437	9,697	8,864	(79)	8,930	8,601	9,146	26.0	23.5	24.0
27-Oct-23	9,494	(330)	9,480	9,691	8,697	(167)	8,660	8,771	8,911	25.5	23.9	24.2
3-Nov	-----	-----	9,754	9,825	-----	-----	9,011	-----	9,088	-----	23.3	23.9
10-Nov	-----	-----	9,789	9,707	-----	-----	8,742	-----	8,858	-----	23.5	24.2
17-Nov	-----	-----	9,164	9,545	-----	-----	8,327	-----	8,749	-----	24.3	24.7
24-Nov	-----	-----	9,360	9,384	-----	-----	8,317	-----	8,530	-----	24.9	25.4

WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	
13-Oct	57,051	(891)	54,182	56,007	44,314	(1,721)	45,490	45,982	85,117	13	78,065	79,425
20-Oct	56,065	(986)	51,104	55,936	44,592	278	45,559	46,161	86,964	1,847	78,719	80,101
27-Oct-23	56,567	502	50,212	57,283	44,207	(385)	44,816	45,898	87,023	59	78,943	78,681
3-Nov	-----	-----	49,141	59,095	-----	-----	44,924	46,834	-----	-----	77,621	79,879
10-Nov	-----	-----	49,253	59,867	-----	-----	44,543	47,164	-----	-----	79,597	80,921

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg
13-Oct	7,136	34	5,747	7,108	29,682	194	25,885	27,801	223,301	(2,370)	209,368	219,304
20-Oct	7,150	14	6,353	7,085	28,685	(997)	26,156	27,399	223,457	156	207,890	217,454
27-Oct-23	7,103	(47)	6,466	7,200	28,622	(63)	26,195	27,686	223,522	65	206,633	216,446
3-Nov	-----	-----	6,859	7,155	-----	-----	27,189	28,248	-----	-----	205,733	215,721
10-Nov	-----	-----	6,561	7,497	-----	-----	27,986	28,441	-----	-----	207,940	217,187

GASOLINE DEMAND



GASOLINE DAYS SUPPLY



***PADD: Petroleum Administration for Defense Districts**

PAD District I (East Coast) is composed of the following three:

Subdistricts: Subdistrict IA (New England): Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

Subdistrict IB (Central Atlantic): Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania.

Subdistrict IC (Lower Atlantic): Florida, Georgia, North Carolina, South Carolina, Virginia, West Virginia.

PAD District II (Midwest): Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Ohio, Oklahoma, Tennessee, Wisconsin.

PAD District III (Gulf Coast): Alabama, Arkansas, Louisiana, Mississippi, New Mexico, Texas.

PAD District IV (Rocky Mountain): Colorado, Idaho, Montana, Utah, Wyoming.

PAD District V (West Coast): Alaska, Arizona, California, Hawaii, Nevada, Oregon, Washington.

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