

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	Wk Chg	2023	2022	4 Yr Avg	2023	2022	4 Yr Avg
10-Nov	439,354	3,592	435,355	(5,400)	452,053	(1,338)	6,373	5,559	5,744	28.8	27.4	30.0
17-Nov	448,054	8,700	431,665	(3,690)	451,590	(464)	6,529	7,063	6,229	29.2	26.8	29.6
24-Nov-23	449,664	1,610	419,084	(12,581)	446,833	(4,756)	5,833	6,037	6,007	28.9	25.7	29.0
1-Dec	-----	-----	413,898	(5,186)	449,479	2,646	-----	6,012	6,469	-----	25.2	28.9
8-Dec	-----	-----	424,129	10,231	449,836	357	-----	6,867	6,335	-----	25.8	28.8
15-Dec	-----	-----	418,234	(5,895)	445,675	(4,162)	-----	5,819	6,097	-----	25.6	28.5
22-Dec	-----	-----	418,952	718	440,578	(5,097)	-----	6,252	6,172	-----	25.8	28.2

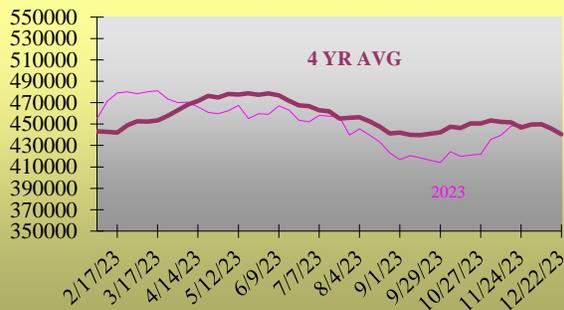
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2023	Week Change	2022	4 Yr Avg	Wk Chg	2023	2022	4 yr Avg	2023	Week Change	2022	4 Yr Avg
10-Nov	13,200	0	12,100	11,800	75	15,399	16,152	15,456	86.1	0.9	92.9	86.9
17-Nov	13,200	0	12,100	11,875	75	15,504	16,410	15,662	87.0	0.9	93.9	87.6
24-Nov-23	13,200	0	12,100	11,925	50	16,022	16,638	15,770	89.8	2.8	95.2	88.5
1-Dec	-----	-----	12,200	11,950	25	-----	16,585	15,851	-----	-----	95.5	89.0
8-Dec	-----	-----	12,100	11,900	(50)	-----	16,126	15,635	-----	-----	92.2	87.9
15-Dec	-----	-----	12,100	11,900	0	-----	15,976	15,697	-----	-----	90.9	88.0
22-Dec	-----	-----	12,000	11,925	25	-----	16,149	15,856	-----	-----	92.0	88.9

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
10-Nov	9,506	779	7,703	9,640	108,142	4,212	108,675	124,455	252,373	(844)	245,033	244,125
17-Nov	8,415	(1,091)	8,625	8,936	109,221	1,079	108,535	123,366	257,894	5,521	241,154	239,825
24-Nov-23	10,180	1,765	7,993	9,784	109,539	318	106,493	123,311	256,369	(1,525)	230,132	243,424
1-Dec	-----	-----	7,181	8,988	-----	-----	105,775	123,155	-----	-----	226,512	243,174
8-Dec	-----	-----	8,545	9,223	-----	-----	105,839	123,390	-----	-----	235,270	241,013

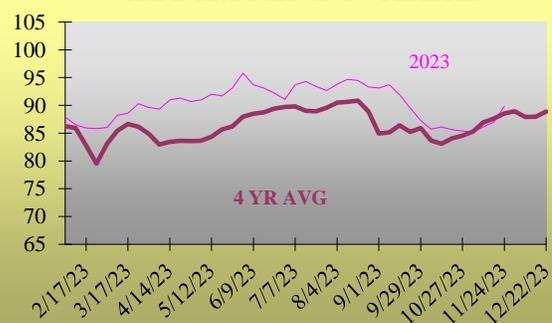
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg
10-Nov	22,855	(387)	24,488	24,328	46,478	(168)	49,457	49,282	439,354	3,592	435,355	452,053
17-Nov	24,195	1,340	24,879	24,099	48,329	1,851	48,471	48,816	448,054	8,700	431,665	451,590
24-Nov-23	24,593	398	25,038	24,165	48,982	653	49,428	49,589	449,664	1,610	419,084	446,833
1-Dec	-----	-----	24,615	24,358	-----	-----	49,815	49,209	-----	-----	413,898	449,479
8-Dec	-----	-----	24,789	24,339	-----	-----	49,686	48,181	-----	-----	424,129	449,836

COFS Index: This Week: 1.90 Last Week: 1.91

CRUDE STOCKS



REFINERY PERCENT OPERATED



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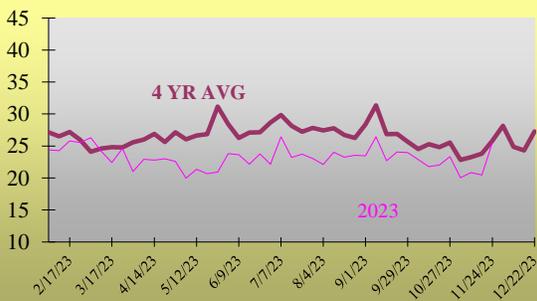
DOE Weekly Distillate Fuel Summary												
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2023	Week Change	2022	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2023	2022	4 Yr Avg	2023	2022	4 Yr Avg
10-Nov	106,579	(1,422)	107,383	1,120	122,706	(1,474)	152	110	243	20.9	21.3	23.2
17-Nov	105,561	(1,018)	109,101	1,718	122,464	(242)	75	122	237	20.5	21.9	23.8
24-Nov-23	110,778	5,217	112,648	3,547	125,466	3,002	95	152	220	25.5	22.7	25.8
1-Dec	-----	-----	118,807	6,159	130,024	4,558	-----	372	286	-----	24.6	28.2
8-Dec	-----	-----	120,171	1,364	130,071	47	-----	277	349	-----	22.9	24.8
15-Dec	-----	-----	119,929	(242)	129,490	(581)	-----	188	271	-----	22.5	24.3
22-Dec	-----	-----	120,212	283	132,097	2,607	-----	160	281	-----	23.1	27.3

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
10-Nov	4,753	53	5,097	4,835	5,108	(278)	5,047	5,203	5,282	36,720	(2,134)	38,038
17-Nov	4,938	185	5,111	4,895	5,158	50	4,988	5,030	5,149	37,248	528	37,638
24-Nov-23	4,998	60	5,311	5,008	4,348	(811)	4,956	4,914	4,865	36,631	(617)	36,966
1-Dec	-----	-----	5,332	5,037	-----	-----	4,824	-----	4,656	-----	-----	37,587
8-Dec	-----	-----	5,168	4,914	-----	-----	5,250	-----	5,257	-----	-----	36,671
15-Dec	-----	-----	5,102	4,985	-----	-----	5,325	-----	5,338	-----	-----	36,869
22-Dec	-----	-----	5,085	4,993	-----	-----	5,205	-----	4,901	-----	-----	36,692

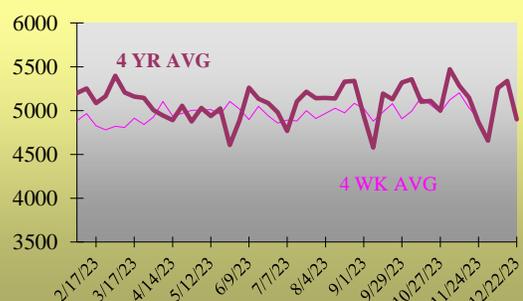
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	
10-Nov	26,314	1,072	25,889	44,768	24,979	(1,129)	24,347	25,594	40,557	(1,114)	41,989	42,113
17-Nov	24,283	(2,031)	27,248	43,784	24,857	(122)	24,509	26,450	41,445	888	42,217	42,889
24-Nov-23	26,592	2,309	27,701	45,160	25,884	1,027	25,713	25,826	42,689	1,244	43,564	43,225
1-Dec	-----	-----	30,105	44,962	-----	-----	27,434	25,805	-----	-----	44,750	43,041
8-Dec	-----	-----	32,412	46,350	-----	-----	26,140	26,928	-----	-----	44,764	43,645

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
10-Nov	3,721	(86)	3,138	3,293	11,007	(166)	12,020	11,449	106,579	(1,422)	107,383	122,706
17-Nov	3,799	78	3,201	3,584	11,177	170	11,925	11,856	105,561	(1,018)	109,101	122,464
24-Nov-23	3,917	118	3,365	3,962	11,696	519	12,305	12,375	110,778	5,217	112,648	125,466
1-Dec	-----	-----	3,643	3,956	-----	-----	12,875	12,480	-----	-----	118,807	130,024
8-Dec	-----	-----	3,812	3,868	-----	-----	13,043	12,389	-----	-----	120,171	130,071

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	Week Change	2023	2022	4 Yr Avg
10-Nov	215,670	(1,540)	207,940	2,207	217,187	20	2	5	2	514	572	610
17-Nov	216,420	750	210,998	3,058	219,629	23	3	5	0	593	585	571
24-Nov-23	218,184	1,764	213,768	2,770	223,048	21	(2)	5	0	463	535	525
1-Dec	-----	-----	219,087	5,319	227,755	-----	-----	-----	-----	-----	519	611
8-Dec	-----	-----	223,583	4,496	229,586	-----	-----	-----	-----	-----	790	605
15-Dec	-----	-----	226,113	2,530	231,811	-----	-----	-----	-----	-----	551	601
22-Dec	-----	-----	223,008	(3,105)	231,175	-----	-----	-----	-----	-----	536	511

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
10-Nov	9,415	(813)	9,789	9,707	8,949	(543)	8,742	9,062	8,858	24.0	23.5	24.2
17-Nov	9,372	(43)	9,164	9,545	8,480	(469)	8,327	8,748	8,749	24.3	24.3	24.7
24-Nov-23	9,337	(35)	9,360	9,384	8,206	(274)	8,317	8,719	8,530	24.8	24.9	25.4
1-Dec	-----	-----	9,065	9,180	-----	-----	8,358	-----	8,451	-----	26.0	26.4
8-Dec	-----	-----	9,194	9,400	-----	-----	8,255	-----	8,646	-----	26.9	26.8
15-Dec	-----	-----	9,552	9,648	-----	-----	8,714	-----	8,756	-----	26.9	27.1
22-Dec	-----	-----	10,144	9,905	-----	-----	9,327	-----	9,035	-----	25.7	26.6

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	
10-Nov	52,581	(872)	49,253	59,867	43,776	623	44,543	47,164	84,731	(331)	79,597	80,921
17-Nov	52,195	(386)	47,069	61,300	44,930	1,154	45,112	48,965	84,949	218	82,721	82,267
24-Nov-23	51,538	(657)	49,201	60,641	46,517	1,587	44,791	49,693	84,953	4	82,949	82,177
1-Dec	-----	-----	50,551	63,120	-----	-----	47,357	49,371	-----	-----	83,358	82,287
8-Dec	-----	-----	52,510	63,651	-----	-----	47,521	49,506	-----	-----	85,679	82,991

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
10-Nov	7,387	(22)	6,561	7,497	27,195	(939)	27,986	28,441	215,670	(1,540)	207,940	217,187
17-Nov	7,590	203	7,407	7,522	26,757	(438)	28,689	28,812	216,420	750	210,998	219,629
24-Nov-23	7,540	(50)	6,883	7,606	27,636	879	29,943	29,912	218,184	1,764	213,768	223,048
1-Dec	-----	-----	7,086	7,647	-----	-----	30,735	30,092	-----	-----	219,087	227,755
8-Dec	-----	-----	7,244	7,810	-----	-----	30,629	30,340	-----	-----	223,583	229,586

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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