

Archer Financial Services

Steve Platt / Mike McElroy (877) 377-7931

DOE Weekly Crude Oil Summary

WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2022	Week Change	2021	Week Change	4 Yr Avg	Wk Chg	2022	2021	4 Yr Avg	2022	2021	4 Yr Avg
18-Nov	431,665	(3,690)	434,020	1,017	456,295	1,353	7,063	6,436	6,504	26.8	28.3	29.6
25-Nov	419,084	(12,581)	433,111	(909)	452,853	(3,442)	6,037	6,604	6,303	25.7	27.9	29.1
2-Dec-22	413,898	(5,186)	432,870	(241)	456,493	3,641	6,012	6,499	6,815	25.2	27.7	29.0
9-Dec	-----	-----	428,286	(4,584)	454,168	(2,325)	-----	6,471	6,474	-----	27.3	28.7
16-Dec	-----	-----	423,571	(4,715)	451,469	(2,699)	-----	6,194	6,556	-----	26.9	28.5
23-Dec	-----	-----	419,995	(3,576)	446,195	(5,274)	-----	6,759	6,457	-----	26.7	28.0
30-Dec	-----	-----	417,851	(2,144)	443,527	(2,668)	-----	5,884	6,457	-----	26.5	27.8

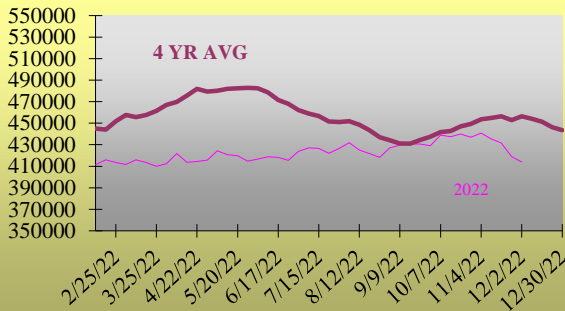
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2022	Week Change	2021	4 Yr Avg	Wk Chg	2022	2021	4 yr Avg	2022	Week Change	2021	4 Yr Avg
18-Nov	12,100	0	11,500	11,775	75	16,410	15,640	15,948	93.9	1.0	88.6	88.1
25-Nov	12,100	0	11,600	11,825	50	16,638	15,631	15,982	95.2	1.3	88.8	88.6
2-Dec-22	12,200	100	11,700	11,800	(25)	16,585	15,785	16,064	95.5	0.3	89.8	88.9
9-Dec	-----	-----	11,700	11,775	(25)	-----	15,670	15,956	-----	-----	89.8	88.7
16-Dec	-----	-----	11,600	11,800	25	-----	15,818	16,041	-----	-----	89.6	89.0
23-Dec	-----	-----	11,800	11,850	50	-----	15,703	16,258	-----	-----	89.7	90.2
30-Dec	-----	-----	11,800	11,850	0	-----	15,867	16,177	-----	-----	89.8	89.9

WEEK ENDING	PADD BREAKDOWN											
	PADD I*				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
18-Nov	8,625	922	8,867	9,948	108,535	(140)	110,796	129,016	241,154	(3,879)	239,960	239,493
25-Nov	7,993	(632)	9,064	10,487	106,493	(2,042)	113,292	129,050	230,132	(11,022)	237,154	244,955
2-Dec-22	7,181	(812)	7,836	10,070	105,775	(718)	114,416	128,933	226,512	(3,620)	237,947	242,300
9-Dec	-----	-----	7,908	10,479	-----	-----	113,659	129,514	-----	-----	234,144	240,667
16-Dec	-----	-----	7,620	10,322	-----	-----	113,875	130,423	-----	-----	230,836	235,132

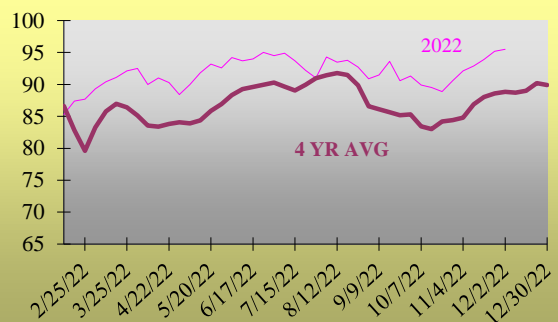
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg
18-Nov	24,879	391	23,795	23,777	48,471	(986)	50,602	48,574	431,665	(3,690)	434,020	456,295
25-Nov	25,038	159	23,563	23,800	49,428	957	50,038	48,774	419,084	(12,581)	433,111	452,853
2-Dec-22	24,615	(423)	23,907	23,702	49,815	387	48,765	48,630	413,898	(5,186)	432,870	456,493
9-Dec	-----	-----	24,114	23,683	-----	-----	48,461	48,116	-----	-----	428,286	454,168
16-Dec	-----	-----	24,400	23,439	-----	-----	46,841	47,630	-----	-----	423,571	451,469

COFS Index: This Week: 2.29 Last Week: 2.27

CRUDE STOCKS



REFINERY PERCENT OPERATED



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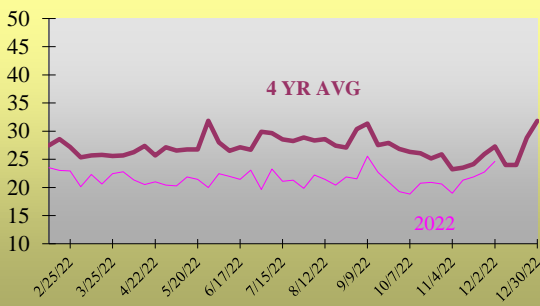
DOE Weekly Distillate Fuel Summary												
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2022	Week Change	2021	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2022	2021	4 Yr Avg	2022	2021	4 Yr Avg
18-Nov	109,101	1,718	121,717	(1,968)	125,639	(19)	122	332	236	21.9	22.6	24.1
25-Nov	112,648	3,547	123,877	2,160	128,707	3,068	152	234	357	22.7	25.8	25.9
2-Dec-22	118,807	6,159	126,610	2,733	131,357	2,650	372	269	214	24.6	26.4	27.3
9-Dec	-----	-----	123,758	(2,852)	130,003	(1,353)	-----	450	315	-----	21.8	24.0
16-Dec	-----	-----	124,154	396	129,484	(520)	-----	203	275	-----	24.8	24.0
23-Dec	-----	-----	122,428	(1,726)	134,402	4,919	-----	162	290	-----	22.9	28.8
30-Dec	-----	-----	126,846	4,418	141,089	6,687	-----	217	258	-----	27.9	31.8

WEEK ENDING	PRODUCTION				APPARENT DEMAND					JET KEROSENE		
	2022	Week Change	2021	4 Yr Avg	2022	Week Change	2021	4 Wk Avg	4 Yr Avg	2022	Week Change	4 Yr Avg
18-Nov	5,111	14	4,784	4,985	4,988	(59)	5,397	5,076	5,223	37,430	151	38,208
25-Nov	5,311	200	4,872	5,073	4,956	(31)	4,797	5,182	4,992	36,258	(1,172)	37,430
2-Dec-22	5,332	21	4,917	5,090	4,824	(132)	4,796	5,108	4,925	37,972	1,714	37,845
9-Dec	-----	-----	4,812	4,970	-----	-----	5,669	-----	5,478	-----	-----	37,505
16-Dec	-----	-----	4,852	5,070	-----	-----	4,998	-----	5,419	-----	-----	37,857
23-Dec	-----	-----	4,935	5,119	-----	-----	5,344	-----	4,706	-----	-----	37,801
30-Dec	-----	-----	4,965	5,156	-----	-----	4,551	-----	4,458	-----	-----	38,562

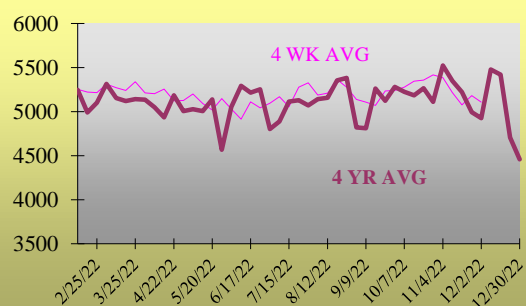
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
18-Nov	27,248	1,359	40,225	44,935	24,509	162	26,193	26,794	42,217	228	40,658	41,601
25-Nov	27,701	453	41,616	46,747	25,713	1,204	26,554	26,391	43,564	1,347	40,665	41,581
2-Dec-22	30,105	2,404	44,483	47,290	27,434	1,721	27,083	26,194	44,750	1,186	38,958	41,064
9-Dec	-----	-----	43,082	49,469	-----	-----	26,309	28,047	-----	-----	38,880	42,233
16-Dec	-----	-----	42,745	48,581	-----	-----	26,195	30,829	-----	-----	39,738	42,320

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg
18-Nov	3,201	63	3,396	3,751	11,925	(95)	11,245	12,020	109,101	1,718	121,717	125,639
25-Nov	3,365	164	3,603	4,047	12,305	380	11,438	12,459	112,648	3,547	123,877	128,707
2-Dec-22	3,643	278	4,080	3,971	12,875	570	12,006	12,190	118,807	6,159	126,610	131,357
9-Dec	-----	-----	4,093	3,926	-----	-----	11,393	12,196	-----	-----	123,758	130,003
16-Dec	-----	-----	4,121	4,135	-----	-----	11,354	13,154	-----	-----	124,154	129,484

HEATING OIL DAYS SUPPLY



HEATING OIL DEMAND



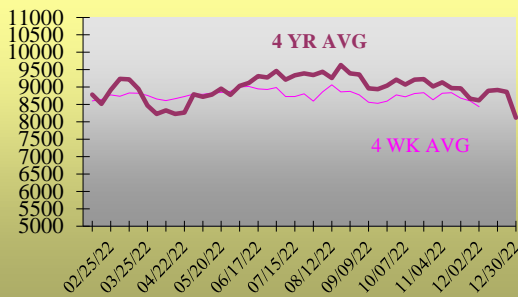
DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2022	Week Change	2021	Week Change	4 Yr Avg	2022	Week Change	PADD I 2022	Week Change	2022	2021	4 Yr Avg
18-Nov	210,998	3,058	211,393	(603)	223,017	22	(3)	4	0	585	483	520
25-Nov	213,768	2,770	215,422	4,029	226,168	24	2	4	0	535	643	438
2-Dec-22	219,087	5,319	219,304	3,882	230,067	26	2	4	0	519	558	613
9-Dec	-----	-----	218,585	(719)	231,216	-----	-----	-----	-----	-----	499	556
16-Dec	-----	-----	224,118	5,533	233,560	-----	-----	-----	-----	-----	688	591
23-Dec	-----	-----	222,659	(1,459)	235,422	-----	-----	-----	-----	-----	432	455
30-Dec	-----	-----	232,787	10,128	243,385	-----	-----	-----	-----	-----	596	498

WEEK ENDING	PRODUCTION				APPARENT DEMAND				DAYS SUPPLY			
	2022	Week Change	2021	4 Yr Avg	2022	Week Change	2021	4 Wk Avg	4 Yr Avg	2022	2021	4 Yr Avg
18-Nov	9,164	(625)	10,099	9,796	8,327	(415)	9,334	8,685	8,964	24.3	22.6	24.8
25-Nov	9,360	196	9,649	9,460	8,317	(10)	8,796	8,599	8,670	24.9	23.5	25.4
2-Dec-22	9,065	(295)	9,563	9,528	8,358	41	8,963	8,436	8,620	26.0	24.1	26.2
9-Dec	-----	-----	10,042	9,685	-----	-----	9,472	-----	8,893	-----	23.9	26.4
16-Dec	-----	-----	9,942	9,796	-----	-----	8,986	-----	8,915	-----	24.8	26.7
23-Dec	-----	-----	10,113	9,753	-----	-----	9,724	-----	8,859	-----	24.0	26.8
30-Dec	-----	-----	8,506	8,699	-----	-----	8,172	-----	8,120	-----	25.6	28.1

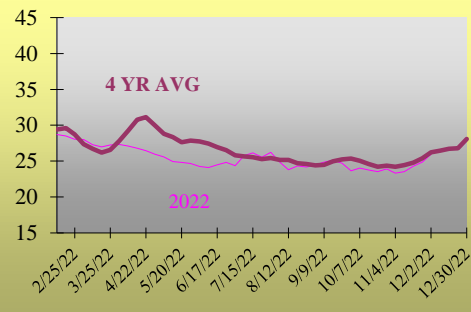
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
18-Nov	47,069	(2,184)	53,814	62,420	45,112	569	44,263	49,565	82,721	3,124	78,690	81,725
25-Nov	49,201	2,132	54,717	62,448	44,791	(321)	44,860	50,667	82,949	228	81,079	82,290
2-Dec-22	50,551	1,350	56,969	64,778	47,357	2,566	46,449	50,924	83,358	409	81,143	81,755
9-Dec	-----	-----	56,879	65,819	-----	-----	47,871	51,465	-----	-----	78,956	83,099
16-Dec	-----	-----	58,208	66,502	-----	-----	49,582	53,517	-----	-----	80,299	84,309

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg
18-Nov	7,407	846	7,756	7,537	28,689	703	26,869	28,259	210,998	3,058	211,393	223,017
25-Nov	6,883	(524)	7,711	7,569	29,943	1,254	27,055	29,314	213,768	2,770	215,422	226,168
2-Dec-22	7,086	203	7,774	7,605	30,735	792	26,968	29,323	219,087	5,319	219,304	230,067
9-Dec	-----	-----	7,673	7,733	-----	-----	27,206	29,385	-----	-----	218,585	231,216
16-Dec	-----	-----	7,789	7,853	-----	-----	28,240	29,348	-----	-----	224,118	233,560

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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