

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
4-Nov	440,755	3,925	435,104	1,002	453,717	4,442	6,454	6,108	6,202	28.0	28.8	30.2
11-Nov	435,355	(5,400)	433,003	(2,101)	454,942	1,225	5,559	6,191	6,243	27.4	28.5	29.9
18-Nov-22	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	-----	-----	433,111	(909)	452,853	(3,442)	-----	6,604	6,303	-----	27.9	29.1
2-Dec	-----	-----	432,870	(241)	456,493	3,641	-----	6,499	6,815	-----	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

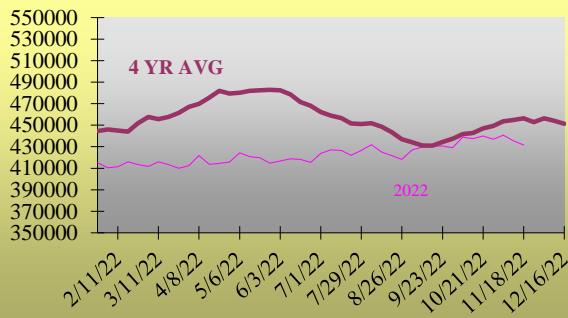
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2022	Week Change	2021	4 Yr Avg	Wk Chg	2022	2021	4 yr Avg	2022	Week Change	2021	4 Yr Avg
4-Nov	12,100	200	11,500	11,625	75	16,089	15,366	15,290	92.1	1.5	86.7	84.8
11-Nov	12,100	0	11,400	11,700	75	16,152	15,397	15,632	92.9	0.8	87.9	86.9
18-Nov-22	12,100	0	11,500	11,775	75	16,410	15,640	15,948	93.9	1.0	88.6	88.1
25-Nov	-----	-----	11,600	11,825	50	-----	15,631	15,982	-----	-----	88.8	88.6
2-Dec	-----	-----	11,700	11,800	(25)	-----	15,785	16,064	-----	-----	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

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	
4-Nov	8,386	742	8,582	11,069	111,547	(886)	107,351	128,843	247,393	1,363	247,450	241,814
11-Nov	7,703	(683)	9,645	11,032	108,675	(2,872)	109,486	129,978	245,033	(2,360)	242,578	243,304
18-Nov-22	8,625	922	8,867	9,948	108,535	(140)	110,796	129,016	241,154	(3,879)	239,960	239,493
25-Nov	-----	-----	9,064	10,487	-----	-----	113,292	129,050	-----	-----	237,154	244,955
2-Dec	-----	-----	7,836	10,070	-----	-----	114,416	128,933	-----	-----	237,947	242,300

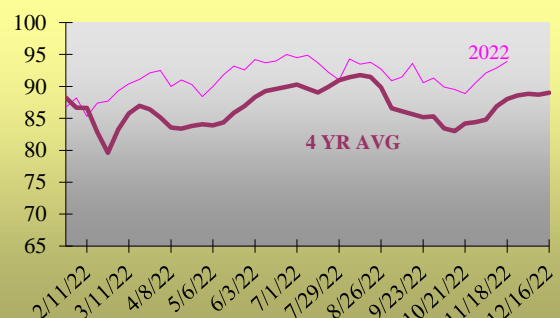
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg
4-Nov	23,899	688	23,491	24,051	49,531	2,019	48,230	48,965	440,755	3,925	435,104	453,717
11-Nov	24,488	589	23,740	23,935	49,457	(74)	47,554	49,143	435,355	(5,400)	433,003	454,942
18-Nov-22	24,879	391	23,795	23,777	48,471	(986)	50,602	48,574	431,665	(3,690)	434,020	456,295
25-Nov	-----	-----	23,563	23,800	-----	-----	50,038	48,774	-----	-----	433,111	452,853
2-Dec	-----	-----	23,907	23,702	-----	-----	48,765	48,630	-----	-----	432,870	456,493

COFS Index: This Week: 2.18 Last Week: 2.21

CRUDE STOCKS



REFINERY PERCENT OPERATED



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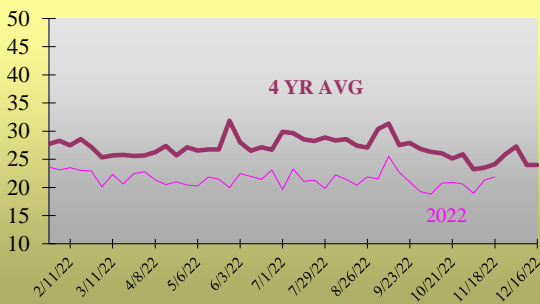
DOE Weekly Distillate Fuel Summary												
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2022	Week Change	2021	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2022	2021	4 Yr Avg	2022	2021	4 Yr Avg
4-Nov	106,263	(521)	124,509	(2,613)	127,430	(3,509)	328	278	238	19.0	22.6	23.2
11-Nov	107,383	1,120	123,685	(824)	125,658	(1,773)	110	239	236	21.3	23.8	23.5
18-Nov-22	109,101	1,718	121,717	(1,968)	125,639	(19)	122	332	236	21.9	22.6	24.1
25-Nov	-----	-----	123,877	2,160	128,707	3,068	-----	234	357	-----	25.8	25.9
2-Dec	-----	-----	126,610	2,733	131,357	2,650	-----	269	214	-----	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

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
4-Nov	5,204	87	4,868	4,784	5,606	429	5,519	5,384	5,523	36,975	581	38,501
11-Nov	5,097	(107)	4,842	4,861	5,047	(559)	5,199	5,216	5,350	37,279	304	38,576
18-Nov-22	5,111	14	4,784	4,985	4,988	(59)	5,397	5,076	5,223	37,430	151	38,208
25-Nov	-----	-----	4,872	5,073	-----	-----	4,797	-----	4,992	-----	-----	37,430
2-Dec	-----	-----	4,917	5,090	-----	-----	4,796	-----	4,925	-----	-----	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

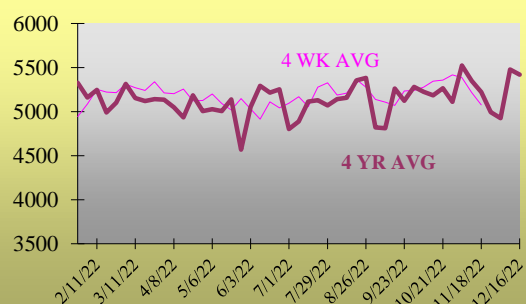
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
4-Nov	24,874	(496)	39,442	46,478	24,528	(330)	29,117	25,311	41,372	(684)	41,165	41,368
11-Nov	25,889	1,015	39,907	46,388	24,347	(181)	27,471	26,220	41,989	617	41,365	41,364
18-Nov-22	27,248	1,359	40,225	44,935	24,509	162	26,193	26,794	42,217	228	40,658	41,601
25-Nov	-----	-----	41,616	46,747	-----	-----	26,554	26,391	-----	-----	40,665	41,581
2-Dec	-----	-----	44,483	47,290	-----	-----	27,083	26,194	-----	-----	38,958	41,064

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
4-Nov	3,265	(50)	3,429	3,233	12,224	1,039	11,357	11,476	106,263	(521)	124,509	127,430
11-Nov	3,138	(127)	3,173	3,422	12,020	(204)	11,768	11,453	107,383	1,120	123,685	125,658
18-Nov-22	3,201	63	3,396	3,751	11,925	(95)	11,245	12,020	109,101	1,718	121,717	125,639
25-Nov	-----	-----	3,603	4,047	-----	-----	11,438	12,459	-----	-----	123,877	128,707
2-Dec	-----	-----	4,080	3,971	-----	-----	12,006	12,190	-----	-----	126,610	131,357

HEATING OIL DAYS SUPPLY



HEATING OIL DEMAND



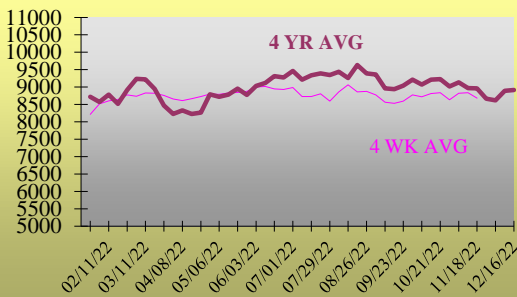
DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2022	Week Change	2021	Week Change	4 Yr Avg	2022	Week Change	PADD I 2022	Week Change	2022	2021	4 Yr Avg
4-Nov	205,733	(900)	212,703	(1,555)	220,940	23	3	4	0	489	587	492
11-Nov	207,940	2,207	211,996	(707)	221,531	25	2	4	0	572	823	529
18-Nov-22	210,998	3,058	211,393	(603)	223,017	22	(3)	4	0	585	483	520
25-Nov	-----	-----	215,422	4,029	226,168	-----	-----	-----	-----	-----	643	438
2-Dec	-----	-----	219,304	3,882	230,067	-----	-----	-----	-----	-----	558	613
9-Dec	-----	-----	218,585	(719)	231,216	-----	-----	-----	-----	-----	499	556
16-Dec	-----	-----	224,118	5,533	233,560	-----	-----	-----	-----	-----	688	591

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
4-Nov	9,754	274	10,054	9,901	9,011	351	9,259	8,820	9,134	23.3	22.6	24.2
11-Nov	9,789	35	9,922	9,769	8,742	(269)	9,241	8,836	8,969	23.5	22.7	24.4
18-Nov-22	9,164	(625)	10,099	9,796	8,327	(415)	9,334	8,685	8,964	24.3	22.6	24.8
25-Nov	-----	-----	9,649	9,460	-----	-----	8,796	-----	8,670	-----	23.5	25.4
2-Dec	-----	-----	9,563	9,528	-----	-----	8,963	-----	8,620	-----	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

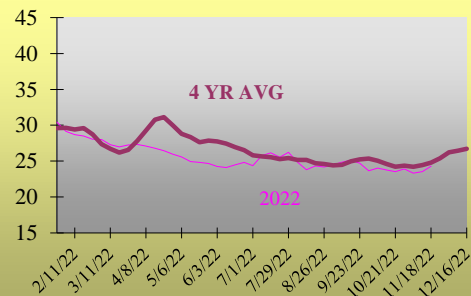
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
4-Nov	49,141	(1,071)	52,926	61,329	44,924	108	44,448	47,270	77,621	(1,322)	79,645	80,919
11-Nov	49,253	112	53,831	61,866	44,543	(381)	43,780	48,318	79,597	1,976	79,168	80,945
18-Nov-22	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	-----	-----	54,717	62,448	-----	-----	44,860	50,667	-----	-----	81,079	82,290
2-Dec	-----	-----	56,969	64,778	-----	-----	46,449	50,924	-----	-----	81,143	81,755

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
4-Nov	6,859	393	7,579	7,218	27,189	994	28,105	27,969	205,733	(900)	212,703	220,940
11-Nov	6,561	(298)	7,558	7,349	27,986	797	27,658	28,017	207,940	2,207	211,996	221,531
18-Nov-22	7,407	846	7,756	7,537	28,689	703	26,869	28,259	210,998	3,058	211,393	223,017
25-Nov	-----	-----	7,711	7,569	-----	-----	27,055	29,314	-----	-----	215,422	226,168
2-Dec	-----	-----	7,774	7,605	-----	-----	26,968	29,323	-----	-----	219,304	230,067

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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