

Archer Financial Services

Steve Platt / Mike McElroy (877) 377-7931

DOE Weekly Crude Oil Summary

WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	Week		Week		4 Yr Avg		2022	2021	4 Yr Avg	2022	2021	4 Yr Avg
	2022	Change	2021	Change	4 Yr Avg	Wk Chg						
21-Oct	439,945	2,588	430,812	4,268	447,024	4,377	6,180	6,254	6,490	28.1	28.3	29.7
28-Oct	436,830	(3,115)	434,102	3,290	449,275	2,251	6,205	6,172	6,204	28.0	28.9	30.0
4-Nov-22	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	-----	-----	433,003	(2,101)	454,942	1,225	-----	6,191	6,243	-----	28.5	29.9
18-Nov	-----	-----	434,020	1,017	456,295	1,353	-----	6,436	6,504	-----	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

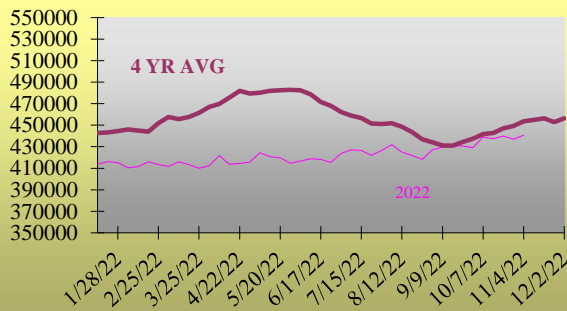
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	Week		4 Yr Avg		4 Yr Avg	2022	2021	4 yr Avg	Week		4 Yr Avg	
	2022	Change	2021	4 Yr Avg	Wk Chg				2022	Change	2021	4 Yr Avg
21-Oct	12,000	0	11,300	11,550	375	15,436	15,048	15,213	88.9	(0.6)	85.1	84.2
28-Oct	11,900	(100)	11,500	11,550	0	15,842	15,023	15,186	90.6	1.7	86.3	84.4
4-Nov-22	12,100	200	11,500	11,625	75	16,089	15,366	15,290	92.1	1.5	86.7	84.8
11-Nov	-----	-----	11,400	11,700	75	-----	15,397	15,632	-----	-----	87.9	86.9
18-Nov	-----	-----	11,500	11,775	75	-----	15,640	15,948	-----	-----	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

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
21-Oct	7,891	(691)	8,199	10,789	110,310	835	105,461	128,348	249,505	1,780	247,390	238,440
28-Oct	7,644	(247)	8,403	11,392	112,433	2,123	106,523	128,720	246,030	(3,475)	249,348	241,216
4-Nov-22	8,386	742	8,582	11,069	111,547	(886)	107,351	128,843	247,393	1,363	247,450	241,814
11-Nov	-----	-----	9,645	11,032	-----	-----	109,486	129,978	-----	-----	242,578	243,304
18-Nov	-----	-----	8,867	9,948	-----	-----	110,796	129,016	-----	-----	239,960	239,493

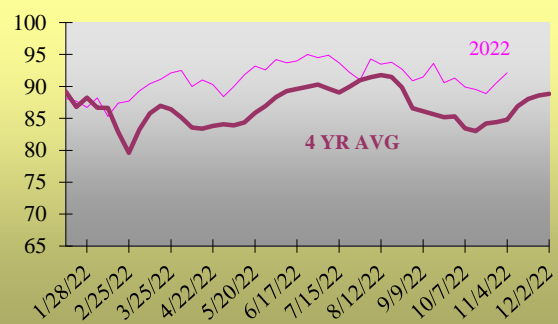
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg
21-Oct	23,446	(232)	23,153	22,830	48,793	897	46,608	49,810	439,945	2,588	430,812	447,024
28-Oct	23,211	(235)	23,624	23,534	47,512	(1,281)	46,205	49,832	436,830	(3,115)	434,102	449,275
4-Nov-22	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	-----	-----	23,740	23,935	-----	-----	47,554	49,143	-----	-----	433,003	454,942
18-Nov	-----	-----	23,795	23,777	-----	-----	50,602	48,574	-----	-----	434,020	456,295

COFS Index: This Week: 2.05 Last Week: 2.00

CRUDE STOCKS



REFINERY PERCENT OPERATED



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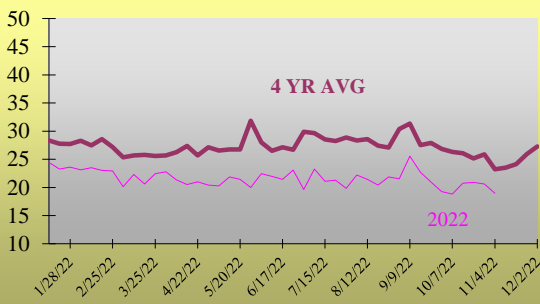
DOE Weekly Distillate Fuel Summary												
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2022	Week Change	2021	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2022	2021	4 Yr Avg	2022	2021	4 Yr Avg
21-Oct	106,357	170	124,962	(432)	131,817	(2,502)	139	325	242	20.9	25.2	25.1
28-Oct	106,784	427	127,122	2,160	130,939	(878)	121	190	249	20.6	27.0	25.9
4-Nov-22	106,263	(521)	124,509	(2,613)	127,430	(3,509)	328	278	238	19.0	22.6	23.2
11-Nov	-----	-----	123,685	(824)	125,658	(1,773)	-----	239	236	-----	23.8	23.5
18-Nov	-----	-----	121,717	(1,968)	125,639	(19)	-----	332	236	-----	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

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
21-Oct	4,978	(45)	4,581	4,665	5,093	(24)	4,968	5,359	5,264	36,057	(170)	40,337
28-Oct	5,117	139	4,833	4,737	5,177	84	4,714	5,416	5,110	36,394	337	39,688
4-Nov-22	5,204	87	4,868	4,784	5,606	429	5,519	5,384	5,523	36,975	581	38,501
11-Nov	-----	-----	4,842	4,861	-----	-----	5,199	-----	5,350	-----	-----	38,576
18-Nov	-----	-----	4,784	4,985	-----	-----	5,397	-----	5,223	-----	-----	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

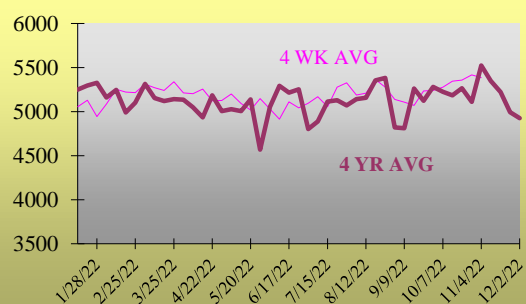
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
21-Oct	23,956	(1,604)	38,495	44,089	24,629	(840)	30,048	26,536	42,846	1,603	41,272	42,743
28-Oct	25,370	1,414	40,510	45,115	24,858	229	29,374	25,536	42,056	(790)	41,133	41,643
4-Nov-22	24,874	(496)	39,442	46,478	24,528	(330)	29,117	25,311	41,372	(684)	41,165	41,368
11-Nov	-----	-----	39,907	46,388	-----	-----	27,471	26,220	-----	-----	41,365	41,364
18-Nov	-----	-----	40,225	44,935	-----	-----	26,193	26,794	-----	-----	40,658	41,601

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
21-Oct	3,196	(45)	3,380	3,395	11,730	1,056	11,767	11,701	106,357	170	124,962	131,817
28-Oct	3,315	119	3,565	3,250	11,185	(545)	12,540	11,255	106,784	427	127,122	130,939
4-Nov-22	3,265	(50)	3,429	3,233	12,224	1,039	11,357	11,476	106,263	(521)	124,509	127,430
11-Nov	-----	-----	3,173	3,422	-----	-----	11,768	11,453	-----	-----	123,685	125,658
18-Nov	-----	-----	3,396	3,751	-----	-----	11,245	12,020	-----	-----	121,717	125,639

HEATING OIL DAYS SUPPLY



HEATING OIL DEMAND



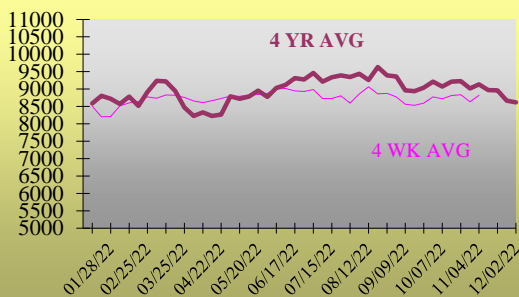
DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2022	Week Change	2021	Week Change	4 Yr Avg	2022	Week Change	PADD I 2022	Week Change	2022	2021	4 Yr Avg
21-Oct	207,890	(1,478)	215,746	(1,993)	222,024	29	6	4	0	655	493	497
28-Oct	206,633	(1,257)	214,258	(1,488)	221,793	20	(9)	4	0	286	667	595
4-Nov-22	205,733	(900)	212,703	(1,555)	220,940	23	3	4	0	489	587	492
11-Nov	-----	-----	211,996	(707)	221,531	-----	-----	-----	-----	-----	823	529
18-Nov	-----	-----	211,393	(603)	223,017	-----	-----	-----	-----	-----	483	520
25-Nov	-----	-----	215,422	4,029	226,168	-----	-----	-----	-----	-----	643	438
2-Dec	-----	-----	219,304	3,882	230,067	-----	-----	-----	-----	-----	558	613

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
21-Oct	9,437	56	10,072	9,929	8,930	252	9,323	8,837	9,229	23.5	23.0	24.2
28-Oct	9,480	43	10,176	9,750	8,660	(270)	9,504	8,636	9,021	23.9	22.8	24.4
4-Nov-22	9,754	274	10,054	9,901	9,011	351	9,259	8,820	9,134	23.3	22.6	24.2
11-Nov	-----	-----	9,922	9,769	-----	-----	9,241	-----	8,969	-----	22.7	24.4
18-Nov	-----	-----	10,099	9,796	-----	-----	9,334	-----	8,964	-----	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

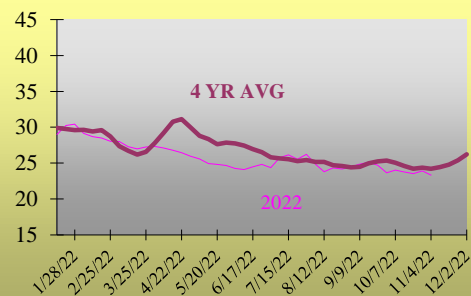
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	2022	Wk Chg	2021	4 Yr Avg	
21-Oct	51,104	(3,078)	54,071	59,436	45,559	69	45,391	46,589	78,719	654	79,910	81,099
28-Oct	50,212	(892)	52,311	60,331	44,816	(743)	44,338	46,306	78,943	224	81,460	79,732
4-Nov-22	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	-----	-----	53,831	61,866	-----	-----	43,780	48,318	-----	-----	79,168	80,945
18-Nov	-----	-----	53,814	62,420	-----	-----	44,263	49,565	-----	-----	78,690	81,725

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
21-Oct	6,353	606	7,709	7,194	26,156	271	28,664	27,687	207,890	(1,478)	215,746	222,024
28-Oct	6,466	113	7,563	7,220	26,195	39	28,585	27,518	206,633	(1,257)	214,258	221,793
4-Nov-22	6,859	393	7,579	7,218	27,189	994	28,105	27,969	205,733	(900)	212,703	220,940
11-Nov	-----	-----	7,558	7,349	-----	-----	27,658	28,017	-----	-----	211,996	221,531
18-Nov	-----	-----	7,756	7,537	-----	-----	26,869	28,259	-----	-----	211,393	223,017

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, 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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