

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
6-Oct	424,239	10,176	439,082	9,879	447,504	5,358	6,329	6,063	5,910	26.9	27.6	29.6
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-23	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	-----	-----	436,830	(3,115)	450,536	27	-----	6,205	5,871	-----	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

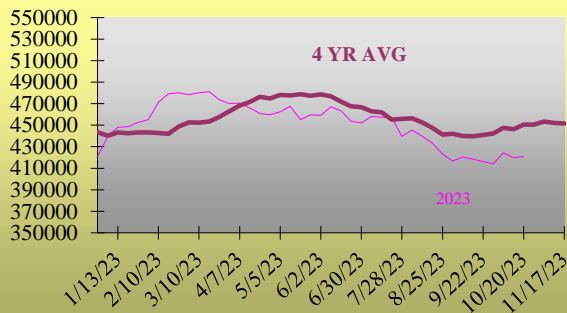
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2023	Week Change	2022	4 Yr Avg	Wk Chg	2023	2022	4 yr Avg	2023	Week Change	2022	4 Yr Avg
6-Oct	13,200	300	11,900	11,600	(125)	15,203	15,683	14,939	85.7	(1.6)	89.9	83.7
13-Oct	13,200	0	12,000	11,450	(150)	15,396	15,550	14,858	86.1	0.4	89.5	83.1
20-Oct-23	13,200	0	12,000	11,750	300	15,189	15,436	14,968	85.6	(0.5)	88.9	84.1
27-Oct	-----	-----	11,900	11,625	(125)	-----	15,842	15,045	-----	-----	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

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
6-Oct	6,836	(350)	8,122	9,443	102,423	550	109,416	123,304	245,690	9,337	249,123	241,401
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-23	7,648	67	7,891	9,382	102,642	749	110,310	124,651	242,485	(268)	249,505	244,087
27-Oct	-----	-----	7,644	9,575	-----	-----	112,433	124,454	-----	-----	246,030	245,895
3-Nov	-----	-----	8,386	9,734	-----	-----	111,547	124,121	-----	-----	247,393	245,057

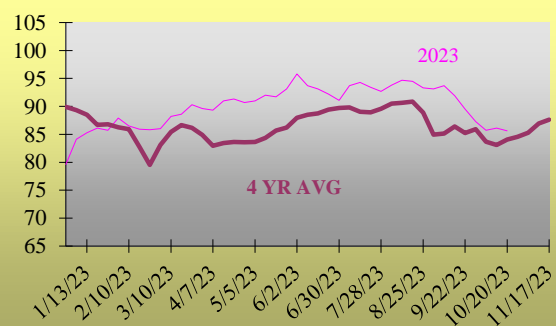
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg
6-Oct	23,544	35	23,641	23,011	45,746	605	48,781	48,731	424,239	10,176	439,082	447,504
13-Oct	23,262	(282)	23,678	23,045	44,258	(1,488)	47,896	48,995	419,748	(4,491)	437,357	446,290
20-Oct-23	23,409	147	23,446	23,138	44,935	677	48,793	49,028	421,120	1,372	439,945	450,509
27-Oct	-----	-----	23,211	23,855	-----	-----	47,512	49,609	-----	-----	436,830	450,536
3-Nov	-----	-----	23,899	24,379	-----	-----	49,531	48,589	-----	-----	440,755	453,392

COFS Index: This Week: 2.24 Last Week: 2.29

CRUDE STOCKS



REFINERY PERCENT OPERATED



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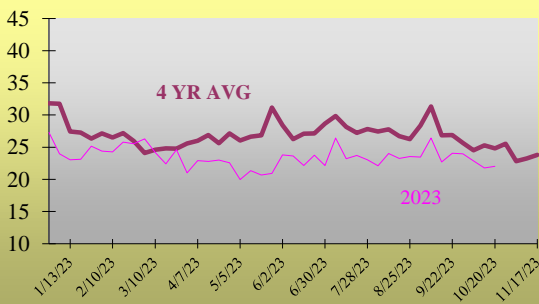
DOE Weekly Distillate Fuel Summary												
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2023	Week Change	2022	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2023	2022	4 Yr Avg	2023	2022	4 Yr Avg
6-Oct	116,958	(1,837)	106,063	(4,853)	130,856	(3,986)	120	79	157	22.9	18.8	24.5
13-Oct	113,773	(3,185)	106,187	124	128,272	(2,584)	77	111	150	21.8	20.8	25.3
20-Oct-23	112,087	(1,686)	106,357	170	126,825	(1,446)	116	139	242	22.0	20.9	24.8
27-Oct	-----	-----	106,784	427	126,921	95	-----	121	237	-----	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

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
6-Oct	4,727	38	4,863	4,632	5,109	154	5,635	4,993	5,357	42,935	273	39,601
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-23	4,733	39	4,978	4,664	5,090	(136)	5,093	5,065	5,112	41,769	(1,292)	38,640
27-Oct	-----	-----	5,117	4,775	-----	-----	5,177	-----	4,999	-----	-----	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

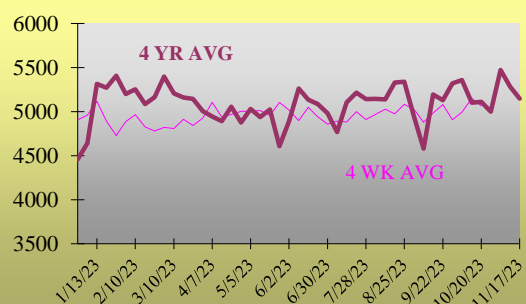
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	
6-Oct	27,133	(1,031)	25,550	40,904	30,853	(493)	25,622	27,684	42,466	(945)	40,809	44,219
13-Oct	25,926	(1,207)	25,560	40,447	29,286	(1,567)	25,469	27,028	42,325	(141)	41,243	44,783
20-Oct-23	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	-----	-----	25,370	41,545	-----	-----	24,858	25,295	-----	-----	42,056	42,484
3-Nov	-----	-----	24,874	44,014	-----	-----	24,528	24,740	-----	-----	41,372	42,284

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
6-Oct	3,926	(145)	3,169	3,587	12,580	777	10,913	11,548	116,958	(1,837)	106,063	130,856
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-23	3,715	(64)	3,196	3,331	12,644	186	11,730	11,652	112,087	(1,686)	106,357	126,825
27-Oct	-----	-----	3,315	3,151	-----	-----	11,185	11,511	-----	-----	106,784	126,921
3-Nov	-----	-----	3,265	3,119	-----	-----	12,224	11,560	-----	-----	106,263	124,179

HEATING OIL DAYS SUPPLY



HEATING OIL DEMAND



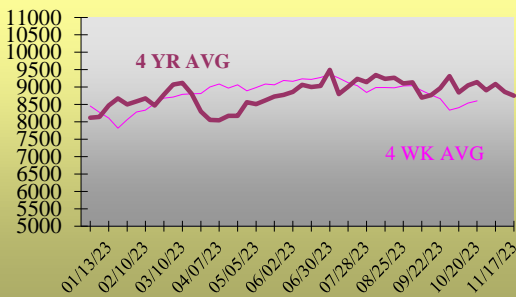
DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2023	Week Change	2022	Week Change	4 Yr Avg	Total 2023	Week Change	PADD I 2023	Week Change	2023	2022	4 Yr Avg
6-Oct	225,671	(1,313)	209,482	2,022	220,978	16	(9)	3	(1)	589	699	573
13-Oct	223,301	(2,370)	209,368	(114)	219,304	19	3	3	0	706	475	572
20-Oct-23	223,457	156	207,890	(1,478)	217,454	19	0	3	0	653	655	570
27-Oct	-----	-----	206,633	(1,257)	216,446	-----	-----	-----	-----	-----	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

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
6-Oct	9,684	858	9,168	9,503	8,581	567	8,276	8,406	8,848	26.8	24.0	24.6
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-23	9,824	63	9,437	9,697	8,864	(79)	8,930	8,601	9,146	26.0	23.5	24.0
27-Oct	-----	-----	9,480	9,691	-----	-----	8,660	-----	8,911	-----	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

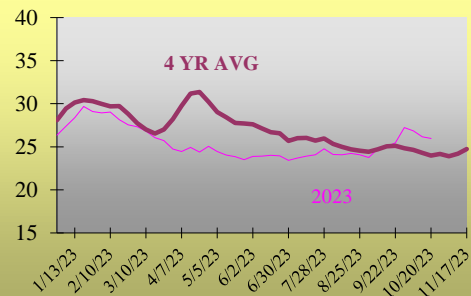
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	2023	Wk Chg	2022	4 Yr Avg	
6-Oct	57,942	(1,406)	54,551	55,995	46,035	253	45,032	46,784	85,104	(628)	79,068	79,818
13-Oct	57,051	(891)	54,182	56,007	44,314	(1,721)	45,490	45,982	85,117	13	78,065	79,425
20-Oct-23	56,065	(986)	51,104	55,936	44,592	278	45,559	46,161	86,964	1,847	78,719	80,101
27-Oct	-----	-----	50,212	57,283	-----	-----	44,816	45,898	-----	-----	78,943	78,681
3-Nov	-----	-----	49,141	59,095	-----	-----	44,924	46,834	-----	-----	77,621	79,879

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
6-Oct	7,102	319	6,032	7,011	29,488	149	24,800	27,689	225,671	(1,313)	209,482	220,978
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-23	7,150	14	6,353	7,085	28,685	(997)	26,156	27,399	223,457	156	207,890	217,454
27-Oct	-----	-----	6,466	7,200	-----	-----	26,195	27,686	-----	-----	206,633	216,446
3-Nov	-----	-----	6,859	7,155	-----	-----	27,189	28,248	-----	-----	205,733	215,721

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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