

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
22-Sep	416,287	(2,169)	430,559	(215)	441,042	1,372	7,229	6,449	6,104	25.3	26.9	29.3
29-Sep	414,063	(2,224)	429,203	(1,356)	442,147	1,104	6,215	5,947	6,235	25.6	26.8	29.2
6-Oct-23	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	-----	-----	437,357	(1,725)	446,290	(1,214)	-----	5,908	5,677	-----	27.8	29.8
20-Oct	-----	-----	439,945	2,588	450,509	4,220	-----	6,180	6,199	-----	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

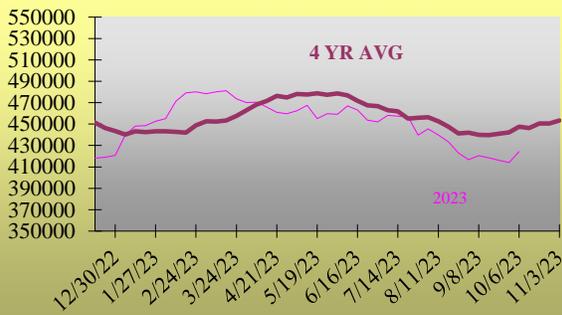
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2023	Week Change	2022	4 Yr Avg	Wk Chg	2023	2022	4 yr Avg	2023	Week Change	2022	4 Yr Avg
22-Sep	12,900	0	12,000	11,550	75	16,065	15,751	15,213	89.5	(2.4)	90.6	85.2
29-Sep	12,900	0	12,000	11,725	175	15,602	15,961	15,304	87.3	(2.2)	91.3	85.9
6-Oct-23	13,200	300	11,900	11,600	(125)	15,203	15,683	14,939	85.7	(1.6)	89.9	83.7
13-Oct	-----	-----	12,000	11,450	(150)	-----	15,550	14,858	-----	-----	89.5	83.1
20-Oct	-----	-----	12,000	11,750	300	-----	15,436	14,968	-----	-----	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

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
22-Sep	6,791	(572)	8,219	9,839	102,890	1,393	108,223	123,318	237,997	(1,080)	241,777	237,889
29-Sep	7,186	395	8,118	9,465	101,873	(1,017)	110,222	123,683	236,353	(1,644)	240,843	242,311
6-Oct-23	6,836	(350)	8,122	9,443	102,423	550	109,416	123,304	245,690	9,337	249,123	241,401
13-Oct	-----	-----	8,582	9,237	-----	-----	109,475	125,046	-----	-----	247,725	245,723
20-Oct	-----	-----	7,891	9,382	-----	-----	110,310	124,651	-----	-----	249,505	244,087

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
22-Sep	23,469	(411)	23,694	22,471	45,139	(1,501)	48,647	48,972	416,287	(2,169)	430,559	441,042
29-Sep	23,509	40	23,142	22,995	45,141	2	46,878	49,041	414,063	(2,224)	429,203	442,147
6-Oct-23	23,544	35	23,641	23,011	45,746	605	48,781	48,731	424,239	10,176	439,082	447,504
13-Oct	-----	-----	23,678	23,045	-----	-----	47,896	48,995	-----	-----	437,357	446,290
20-Oct	-----	-----	23,446	23,138	-----	-----	48,793	49,028	-----	-----	439,945	450,509

COFS Index: This Week: 2.20 Last Week: 2.24

CRUDE STOCKS



REFINERY PERCENT OPERATED



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DOE Weekly Distillate Fuel Summary

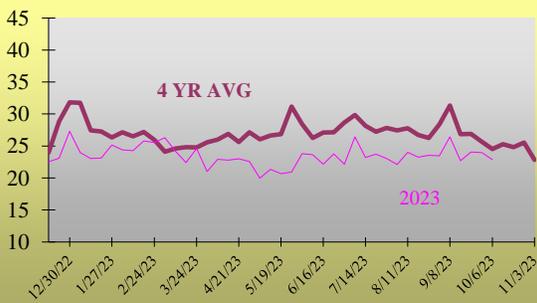
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2023	Week Change	2022	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2023	2022	4 Yr Avg	2023	2022	4 Yr Avg
22-Sep	120,064	398	114,359	(2,891)	137,028	(2,027)	114	94	146	24.1	20.9	26.9
29-Sep	118,795	(1,269)	110,916	(3,443)	134,842	(2,186)	85	81	175	24.0	19.3	25.7
6-Oct-23	116,958	(1,837)	106,063	(4,853)	130,856	(3,986)	120	79	157	22.9	18.8	24.5
13-Oct	-----	-----	106,187	124	128,272	(2,584)	-----	111	150	-----	20.8	25.3
20-Oct	-----	-----	106,357	170	126,825	(1,446)	-----	139	242	-----	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

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
22-Sep	4,932	150	4,958	4,694	4,989	(285)	5,465	5,081	5,130	42,985	659	40,863
29-Sep	4,689	(243)	5,188	4,833	4,955	(34)	5,761	4,907	5,321	42,662	(323)	40,313
6-Oct-23	4,727	38	4,863	4,632	5,109	154	5,635	4,993	5,357	42,935	273	39,601
13-Oct	-----	-----	5,023	4,584	-----	-----	5,116	-----	5,103	-----	-----	38,840
20-Oct	-----	-----	4,978	4,664	-----	-----	5,093	-----	5,112	-----	-----	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

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	
22-Sep	28,397	(814)	27,210	39,373	32,388	(1,235)	27,137	29,194	43,542	2,164	44,632	46,956
29-Sep	28,164	(233)	25,513	41,584	31,346	(1,042)	27,283	28,656	43,411	(131)	43,348	44,975
6-Oct-23	27,133	(1,031)	25,550	40,904	30,853	(493)	25,622	27,684	42,466	(945)	40,809	44,219
13-Oct	-----	-----	25,560	40,447	-----	-----	25,469	27,028	-----	-----	41,243	44,783
20-Oct	-----	-----	23,956	40,870	-----	-----	24,629	26,129	-----	-----	42,846	43,327

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
22-Sep	4,035	105	3,535	3,812	11,702	178	11,844	12,166	120,064	398	114,359	137,028
29-Sep	4,071	36	3,621	3,573	11,803	101	11,152	12,141	118,795	(1,269)	110,916	134,842
6-Oct-23	3,926	(145)	3,169	3,587	12,580	777	10,913	11,548	116,958	(1,837)	106,063	130,856
13-Oct	-----	-----	3,241	3,364	-----	-----	10,674	11,621	-----	-----	106,187	128,272
20-Oct	-----	-----	3,196	3,331	-----	-----	11,730	11,652	-----	-----	106,357	126,825

HEATING OIL DAYS SUPPLY



HEATING OIL DEMAND

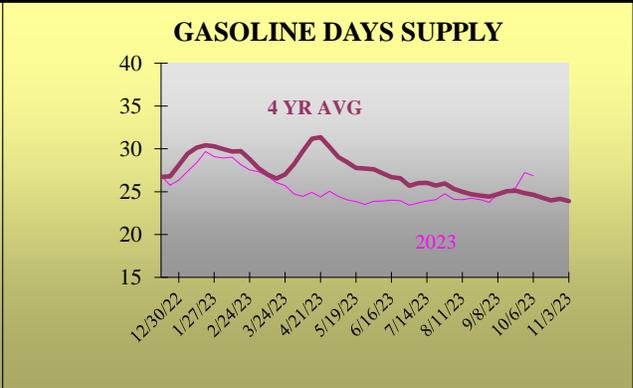
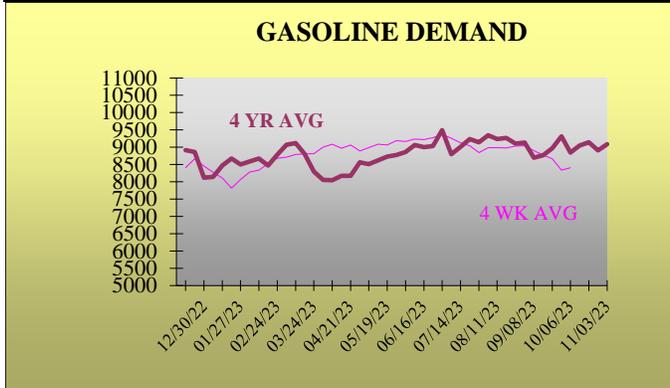


DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2023	Week Change	2022	Week Change	4 Yr Avg	Total 2023	Week Change	PADD I 2023	Week Change	2023	2022	4 Yr Avg
22-Sep	220,503	1,027	212,188	(2,422)	223,039	16	(2)	4	0	710	525	772
29-Sep	226,984	6,481	207,460	(4,728)	222,009	25	9	4	0	919	480	765
6-Oct-23	225,671	(1,313)	209,482	2,022	220,978	16	(9)	3	(1)	589	699	573
13-Oct	-----	-----	209,368	(114)	219,304	-----	-----	-----	-----	-----	475	572
20-Oct	-----	-----	207,890	(1,478)	217,454	-----	-----	-----	-----	-----	655	570
27-Oct	-----	-----	206,633	(1,257)	216,446	-----	-----	-----	-----	-----	286	519
3-Nov	-----	-----	205,733	(900)	215,721	-----	-----	-----	-----	-----	489	551

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
22-Sep	9,139	(572)	9,625	9,622	8,619	209	8,825	8,664	8,973	25.4	24.7	25.1
29-Sep	8,826	(313)	10,014	9,742	8,014	(605)	9,465	8,338	9,312	27.2	23.6	24.8
6-Oct-23	9,684	858	9,168	9,503	8,581	567	8,276	8,406	8,848	26.8	24.0	24.6
13-Oct	-----	-----	9,381	9,618	-----	-----	8,678	-----	9,048	-----	23.8	24.3
20-Oct	-----	-----	9,437	9,697	-----	-----	8,930	-----	9,146	-----	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

PADD BREAKDOWN												
WEEK ENDING	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
22-Sep	56,041	(1,582)	55,174	56,337	45,314	(71)	43,576	47,330	84,603	3,325	82,388	80,362
29-Sep	59,348	3,307	54,240	55,878	45,782	468	43,941	47,002	85,732	1,129	78,611	80,164
6-Oct-23	57,942	(1,406)	54,551	55,995	46,035	253	45,032	46,784	85,104	(628)	79,068	79,818
13-Oct	-----	-----	54,182	56,007	-----	-----	45,490	45,982	-----	-----	78,065	79,425
20-Oct	-----	-----	51,104	55,936	-----	-----	45,559	46,161	-----	-----	78,719	80,101

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
22-Sep	6,469	(439)	6,127	7,248	28,076	(206)	24,923	28,076	220,503	1,027	212,188	223,039
29-Sep	6,783	314	5,993	7,128	29,339	1,263	24,675	27,797	226,984	6,481	207,460	222,009
6-Oct-23	7,102	319	6,032	7,011	29,488	149	24,800	27,689	225,671	(1,313)	209,482	220,978
13-Oct	-----	-----	5,747	7,108	-----	-----	25,885	27,801	-----	-----	209,368	219,304
20-Oct	-----	-----	6,353	7,085	-----	-----	26,156	27,399	-----	-----	207,890	217,454



***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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