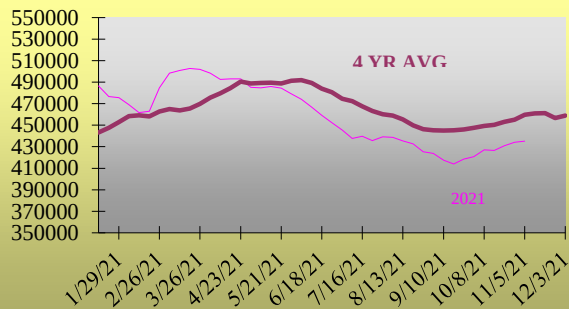


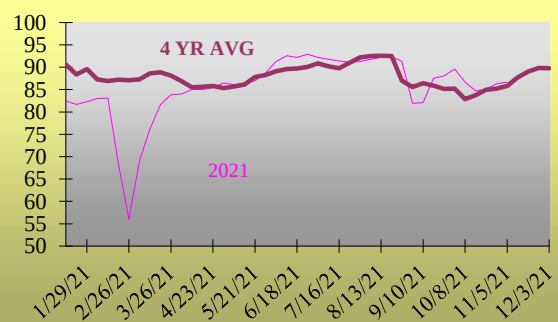
DOE Weekly Crude Oil Summary

WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2021	Week Change	2020	Week Change	4 Yr Avg	Wk Chg	2021	2020	4 Yr Avg	2021	2020	4 Yr Avg
22-Oct	430,812	4,268	492,427	4,320	453,048	2,701	6,254	5,664	6,819	28.3	36.6	29.8
29-Oct	434,102	3,290	484,429	(7,998)	455,035	1,988	6,172	5,029	6,506	28.9	36.2	29.9
5-Nov-21	435,104	1,002	488,706	4,277	459,690	4,655	6,108	5,499	6,650	28.8	36.6	30.0
12-Nov	-----	-----	489,475	769	460,976	1,286	-----	5,254	6,663	-----	36.1	29.8
19-Nov	-----	-----	488,721	(754)	461,218	242	-----	5,228	6,727	-----	35.5	29.4
26-Nov	-----	-----	488,042	(679)	456,601	(4,617)	-----	5,399	6,452	-----	35.1	28.7
3-Dec	-----	-----	503,231	15,189	459,022	2,422	-----	6,479	7,031	-----	35.6	28.6
WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2021	Week Change	2020	4 Yr Avg	Wk Chg	2021	2020	4 yr Avg	2021	Week Change	2020	4 Yr Avg
22-Oct	11,300	0	11,100	11,113	387	15,048	13,388	15,455	85.1	0.4	74.6	85.0
29-Oct	11,500	200	10,500	11,080	(33)	15,023	13,552	15,507	86.3	1.2	75.3	85.2
5-Nov-21	11,500	0	10,500	11,161	81	15,366	13,447	15,609	86.7	0.4	74.5	85.9
12-Nov	-----	-----	10,900	11,265	103	-----	13,841	15,992	-----	-----	77.4	87.7
19-Nov	-----	-----	11,000	11,321	56	-----	14,263	16,288	-----	-----	78.7	89.1
26-Nov	-----	-----	11,100	11,352	31	-----	14,012	16,373	-----	-----	78.2	89.9
3-Dec	-----	-----	11,100	11,320	(32)	-----	14,436	16,355	-----	-----	79.9	89.8
WEEK ENDING	PADD BREAKDOWN											
	PADD I*				PADD II				PADD III			
	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg
22-Oct	8,199	110	10,737	12,144	105,461	(3,036)	145,956	139,171	247,390	8,622	261,179	230,770
29-Oct	8,403	204	10,358	12,743	106,523	1,062	146,595	138,391	249,348	1,958	253,394	234,742
5-Nov-21	8,582	179	10,010	12,257	107,351	828	146,038	137,187	247,450	(1,898)	258,496	235,948
12-Nov	-----	-----	10,274	11,932	-----	-----	148,156	136,843	-----	-----	260,801	238,045
19-Nov	-----	-----	10,131	11,535	-----	-----	146,251	134,796	-----	-----	262,822	234,654
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg
22-Oct	23,153	(423)	23,007	22,248	46,608	(1,006)	51,548	51,380	430,812	4,268	492,427	453,048
29-Oct	23,624	471	22,935	22,823	46,205	(403)	51,147	50,811	434,102	3,290	484,429	455,035
5-Nov-21	23,491	(133)	24,622	23,380	48,230	2,025	49,540	50,513	435,104	1,002	488,706	459,690
12-Nov	-----	-----	24,504	23,437	-----	-----	45,740	50,292	-----	-----	489,475	460,976
19-Nov	-----	-----	24,272	23,594	-----	-----	45,244	49,579	-----	-----	488,721	461,218
COFS Index: This Week: 2.57 Last Week: 2.66												

CRUDE STOCKS



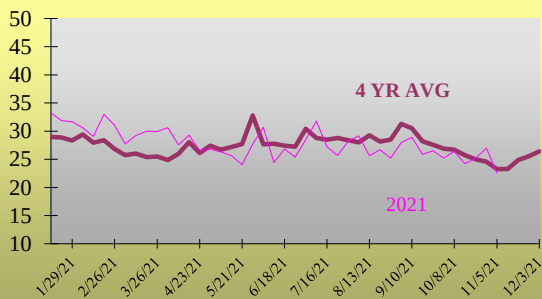
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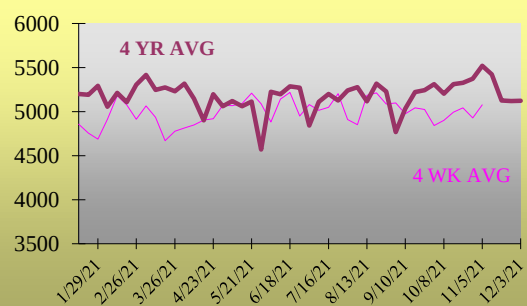
DOE Weekly Distillate Fuel Summary

WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2021	Week Change	2020	Week Change	4 Yr Avg	Wk Chg	2021	2020	4 Yr Avg	2021	2020	4 Yr Avg
22-Oct	124,962	(432)	156,228	(4,491)	132,806	(2,474)	325	344	195	25.2	30.6	25.0
29-Oct	127,122	2,160	154,644	(1,584)	130,549	(2,258)	190	332	223	27.0	32.0	24.6
5-Nov-21	124,509	(2,613)	149,289	(5,355)	127,494	(3,055)	278	131	208	22.6	29.1	23.2
12-Nov	-----	-----	144,073	(5,216)	125,994	(1,500)	-----	285	224	-----	27.2	23.3
19-Nov	-----	-----	142,632	(1,441)	127,155	1,160	-----	186	183	-----	28.5	24.9
26-Nov	-----	-----	145,870	3,238	130,099	2,945	-----	614	335	-----	30.8	25.6
3-Dec	-----	-----	151,092	5,222	131,723	1,624	-----	279	184	-----	35.9	26.4
WEEK ENDING	PRODUCTION				APPARENT DEMAND					JET KEROSENE		
	2021	Week Change	2020	4 Yr Avg	2021	Week Change	2020	4 Wk Avg	4 Yr Avg	2021	Week Change	4 Yr Avg
22-Oct	4,581	164	4,126	4,779	4,968	(210)	5,112	5,043	5,327	41,391	386	40,281
29-Oct	4,833	252	4,275	4,828	4,714	(253)	4,833	4,929	5,373	39,642	(1,749)	39,793
5-Nov-21	4,868	35	4,237	4,875	5,519	805	5,133	5,078	5,520	37,897	(1,745)	39,123
12-Nov	-----	-----	4,275	4,984	-----	-----	5,305	-----	5,421	-----	-----	39,391
19-Nov	-----	-----	4,608	5,110	-----	-----	5,000	-----	5,126	-----	-----	39,155
26-Nov	-----	-----	4,587	5,206	-----	-----	4,738	-----	5,120	-----	-----	38,479
3-Dec	-----	-----	4,671	5,173	-----	-----	4,204	-----	5,124	-----	-----	38,880
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg
22-Oct	38,495	(242)	61,088	46,445	30,048	(996)	28,121	25,336	41,272	429	51,401	42,564
29-Oct	40,510	2,015	63,875	47,155	29,374	(674)	27,245	24,389	41,133	(139)	48,286	41,049
5-Nov-21	39,442	(1,068)	61,604	47,619	29,117	(257)	26,028	24,743	41,165	32	47,258	40,395
12-Nov	-----	-----	59,774	48,082	-----	-----	24,749	25,883	-----	-----	45,116	40,991
19-Nov	-----	-----	57,682	46,807	-----	-----	24,003	26,090	-----	-----	46,273	40,949
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg
22-Oct	3,380	(52)	3,384	3,266	11,767	429	12,234	11,393	124,962	(432)	156,228	132,806
29-Oct	3,565	185	3,255	3,116	12,540	773	11,983	11,260	127,122	2,160	154,644	130,549
5-Nov-21	3,429	(136)	2,909	3,184	11,357	(1,183)	11,490	11,499	124,509	(2,613)	149,289	127,494
12-Nov	-----	-----	3,080	3,333	-----	-----	11,353	11,643	-----	-----	144,073	125,994
19-Nov	-----	-----	3,346	3,728	-----	-----	11,328	12,386	-----	-----	142,632	127,155

HEATING OIL DAYS SUPPLY



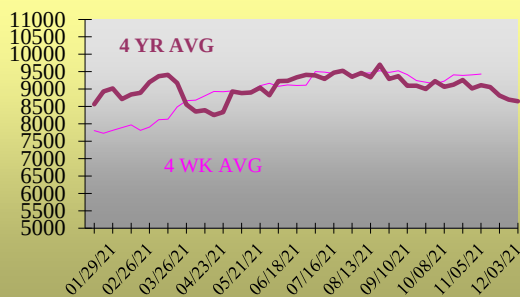
HEATING OIL DEMAND



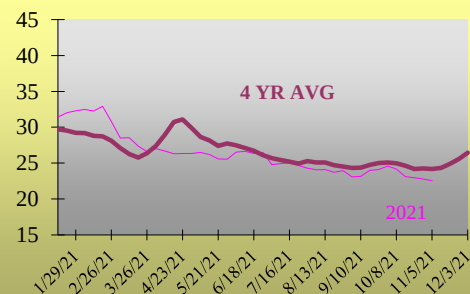
DOE Weekly Gasoline Summary

WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2021	Week Change	2020	Week Change	4 Yr Avg	2021	Week Change	PADD I 2021	Week Change	2021	2020	4 Yr Avg
22-Oct	215,746	(1,993)	226,124	(892)	221,300	21	0	5	0	493	460	509
29-Oct	214,258	(1,488)	227,665	1,541	220,613	21	0	5	0	667	630	530
5-Nov-21	212,703	(1,555)	225,356	(2,309)	220,372	23	2	5	0	587	450	433
12-Nov	-----	-----	227,967	2,611	221,151	-----	-----	-----	-----	-----	530	452
19-Nov	-----	-----	230,147	2,180	223,695	-----	-----	-----	-----	-----	441	531
26-Nov	-----	-----	233,638	3,491	227,533	-----	-----	-----	-----	-----	522	400
3-Dec	-----	-----	237,859	4,221	231,878	-----	-----	-----	-----	-----	789	594
WEEK ENDING	PRODUCTION				APPARENT DEMAND					DAYS SUPPLY		
	2021	Week Change	2020	4 Yr Avg	2021	Week Change	2020	4 Wk Avg	4 Yr Avg	2021	2020	4 Yr Avg
22-Oct	10,072	12	9,095	9,958	9,323	(311)	8,545	9,393	9,263	23.0	26.4	24.2
29-Oct	10,176	104	9,072	9,747	9,504	181	8,336	9,412	9,019	22.8	27.0	24.3
5-Nov-21	10,054	(122)	9,319	9,850	9,259	(245)	8,762	9,430	9,112	22.6	26.6	24.2
12-Nov	-----	-----	9,064	9,896	-----	-----	8,258	-----	9,058	-----	26.9	24.3
19-Nov	-----	-----	8,850	9,826	-----	-----	8,129	-----	8,811	-----	27.5	24.9
26-Nov	-----	-----	8,584	9,487	-----	-----	7,973	-----	8,694	-----	28.2	25.6
3-Dec	-----	-----	8,340	9,670	-----	-----	7,600	-----	8,652	-----	29.8	26.4
WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg
22-Oct	54,071	(429)	60,534	60,000	45,391	(272)	48,188	46,941	79,910	(1,002)	80,010	80,232
29-Oct	52,311	(1,760)	61,664	61,264	44,338	(1,053)	48,238	46,630	81,460	1,550	81,574	78,965
5-Nov-21	52,926	615	61,783	61,887	44,448	110	48,353	47,597	79,645	(1,815)	78,954	80,381
12-Nov	-----	-----	62,596	62,102	-----	-----	48,858	48,914	-----	-----	80,094	80,497
19-Nov	-----	-----	63,714	62,406	-----	-----	49,959	49,921	-----	-----	79,406	81,055
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg	2021	Wk Chg	2020	4 Yr Avg
22-Oct	7,709	(78)	7,447	7,060	28,664	(213)	29,945	27,427	215,746	(1,993)	226,124	221,300
29-Oct	7,563	(146)	7,564	7,028	28,585	(79)	28,625	27,553	214,258	(1,488)	227,665	220,613
5-Nov-21	7,579	16	7,422	7,001	28,105	(480)	28,845	28,105	212,703	(1,555)	225,356	220,372
12-Nov	-----	-----	7,563	7,098	-----	-----	28,857	28,503	-----	-----	227,967	221,151
19-Nov	-----	-----	7,733	7,368	-----	-----	29,335	28,932	-----	-----	230,147	223,695

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, Indiana, 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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