

## DOE Weekly Crude Oil Summary

WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2018	Week Change	2017	Week Change	4 Yr Avg	Wk Chg	2018	2017	4 Yr Avg	2018	2017	4 Yr Avg
16-Nov	446,908	4,851	457,142	(1,855)	438,228	(51)	7,554	7,873	7,564	27.0	27.8	27.3
23-Nov	450,485	3,577	453,713	(3,429)	436,521	(1,706)	8,162	7,329	7,482	26.8	27.2	26.8
30-Nov-18	443,162	(7,323)	448,103	(5,610)	433,931	(2,590)	7,219	7,202	7,799	25.9	26.5	26.3
07-Dec	-----	-----	442,986	(5,117)	433,000	(932)	-----	7,363	7,535	-----	26.1	26.1
14-Dec	-----	-----	436,491	(6,495)	432,288	(712)	-----	7,834	7,981	-----	25.6	26.0
21-Dec	-----	-----	431,882	(4,609)	431,508	(780)	-----	7,993	7,778	-----	25.2	25.9
28-Dec	-----	-----	424,463	(7,419)	425,809	(5,698)	-----	7,966	7,379	-----	24.6	25.5

WEEK ENDING	PRODUCTION					RUNS			PERCENT OF CAPACITY			
	2018	Week Change	2017	4 Yr Avg	Wk Chg	2018	2017	4 yr Avg	2018	Week Change	2017	4 Yr Avg
16-Nov	11,700	0	9,658	9,148	20	16,855	16,838	16,393	92.7	2.6	91.3	91.4
23-Nov	11,700	0	9,682	9,167	19	17,553	17,003	16,611	95.6	2.9	92.6	92.6
30-Nov-18	11,700	0	9,707	9,172	5	17,487	17,195	16,723	95.5	(0.1)	93.8	93.2
07-Dec	-----	-----	9,780	9,222	51	-----	16,952	16,585	-----	-----	93.4	92.3
14-Dec	-----	-----	9,789	9,220	(2)	-----	17,063	16,633	-----	-----	94.1	92.6
21-Dec	-----	-----	9,754	9,211	(10)	-----	17,398	16,754	-----	-----	95.7	93.4
28-Dec	-----	-----	9,782	9,226	15	-----	17,608	16,834	-----	-----	96.7	93.8

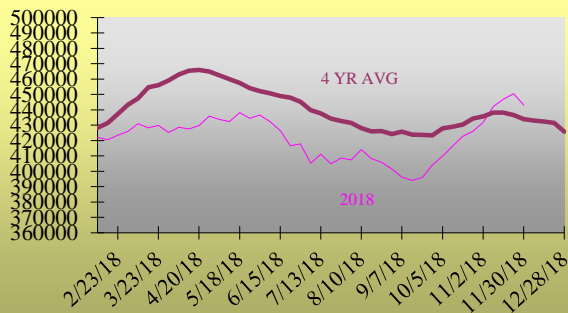
WEEK ENDING	PADD BREAKDOWN											
	PADD I*				PADD II				PADD III			
	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg
16-Nov	14,971	956	15,051	13,952	125,739	(594)	148,172	130,951	232,061	3,387	219,114	218,312
23-Nov	13,964	(1,007)	13,618	13,810	127,425	1,686	144,169	131,192	237,868	5,807	218,925	214,520
30-Nov-18	13,560	(404)	12,663	14,154	128,588	1,163	140,752	131,727	228,806	(9,062)	217,797	216,207
07-Dec	-----	-----	14,184	13,676	-----	-----	137,533	132,780	-----	-----	217,512	214,534
14-Dec	-----	-----	12,921	13,101	-----	-----	136,121	132,529	-----	-----	213,880	213,999

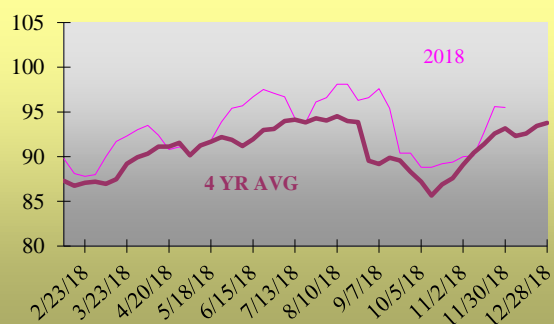
WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg
16-Nov	23,177	563	21,056	20,264	50,960	539	53,748	52,975	446,908	4,851	457,142	438,228
23-Nov	23,309	132	21,804	20,345	0	(50,960)	55,196	54,164	450,485	3,577	453,713	436,521
30-Nov-18	23,751	442	22,830	20,432	0	0	54,060	51,359	443,162	(7,323)	448,103	433,931
07-Dec	-----	-----	22,820	20,471	-----	-----	50,937	51,403	-----	-----	442,986	433,000
14-Dec	-----	-----	23,282	20,215	-----	-----	50,287	50,837	-----	-----	436,491	432,288

**COFS Index:** This Week: 1.45 Last Week: 1.48

**CRUDE STOCKS**



**REFINERY PERCENT OPERATED**



DOE Weekly Distillate Fuel Summary												
WEEK ENDING	STOCKS						IMPORTS			DAYS SUPPLY		
	2018	Week Change	2017	Week Change	4 Yr Avg	4 Yr Avg Wk Chg	2018	2017	4 Yr Avg	2018	2017	4 Yr Avg
16-Nov	119,191	(77)	125,032	269	132,195	(2)	104	190	146	22.4	22.8	25.4
23-Nov	121,801	2,610	127,779	2,747	135,641	3,446	186	120	159	23.1	25.5	28.1
30-Nov-18	125,612	3,811	129,446	1,667	139,327	3,686	436	145	121	23.0	24.4	29.0
07-Dec	-----	-----	128,076	(1,370)	139,383	56	-----	149	151	-----	22.9	26.5
14-Dec	-----	-----	128,845	769	139,381	(2)	-----	380	284	-----	23.5	25.8
21-Dec	-----	-----	129,935	1,090	140,100	720	-----	239	185	-----	23.4	26.8
28-Dec	-----	-----	138,834	8,899	149,216	9,116	-----	129	164	-----	31.2	36.2

WEEK ENDING	PRODUCTION				APPARENT DEMAND					JET KEROSENE		
	2018	Week Change	2017	4 Yr Avg	2018	Week Change	2017	4 Wk Avg	4 Yr Avg	2018	Week Change	4 Yr Avg
16-Nov	5,201	208	5,335	5,085	5,316	(495)	5,487	5,569	5,231	39,432	(526)	38,941
23-Nov	5,471	270	5,284	5,174	5,284	(32)	5,012	5,482	4,840	39,710	278	39,325
30-Nov-18	5,571	100	5,402	5,236	5,463	178	5,309	5,545	4,830	38,116	(1,594)	39,397
07-Dec	-----	-----	5,247	5,144	-----	-----	5,592	-----	5,288	-----	-----	39,935
14-Dec	-----	-----	5,206	5,126	-----	-----	5,476	-----	5,410	-----	-----	39,632
21-Dec	-----	-----	5,476	5,167	-----	-----	5,559	-----	5,248	-----	-----	39,921
28-Dec	-----	-----	5,592	5,269	-----	-----	4,450	-----	4,131	-----	-----	40,403

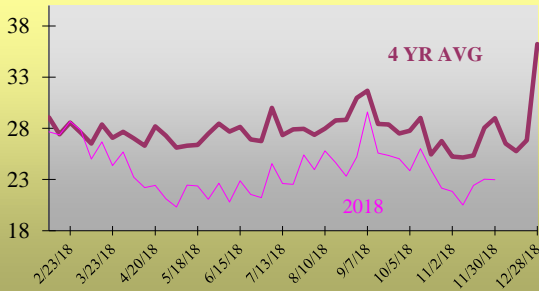
  

WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	
16-Nov	40,278	29	49,842	53,383	25,309	(846)	22,883	27,293	38,326	319	37,473	39,608
23-Nov	40,126	(152)	49,648	54,016	26,795	1,486	23,921	27,194	39,221	895	39,165	40,739
30-Nov-18	41,983	1,857	49,773	55,522	28,217	1,422	25,206	27,224	38,412	(809)	38,057	41,111
07-Dec	-----	-----	49,047	55,315	-----	-----	24,269	27,847	-----	-----	38,380	42,240
14-Dec	-----	-----	49,858	53,694	-----	-----	23,886	30,766	-----	-----	39,234	41,384

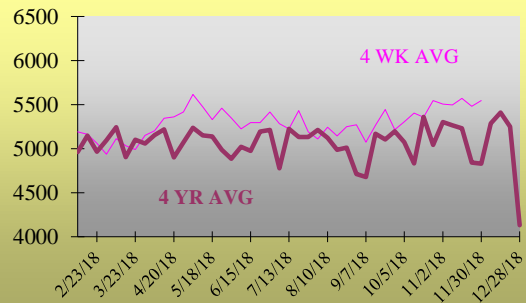
  

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg
16-Nov	3,593	(66)	2,975	3,710	11,685	486	11,859	12,299	119,191	(77)	125,032	132,195
23-Nov	3,718	125	3,039	3,960	11,941	256	12,006	13,058	121,801	2,610	127,779	135,641
30-Nov-18	4,036	318	3,509	3,946	12,963	1,022	12,901	12,725	125,612	3,811	129,446	139,327
07-Dec	-----	-----	3,463	3,942	-----	-----	12,916	12,592	-----	-----	128,076	139,383
14-Dec	-----	-----	3,524	4,023	-----	-----	12,342	12,831	-----	-----	128,845	139,381

### HEATING OIL DAYS SUPPLY



### HEATING OIL DEMAND



DOE Weekly Gasoline Summary												
WEEK ENDING	STOCKS					RFG STOCKS				IMPORTS		
	2018	Week Change	2017	Week Change	4 Yr Avg	2018	Week Change	PADD I	Week Change	2018	2017	4 Yr Avg
16-Nov	225,315	(1,295)	210,475	44	214,414	51	8	34	9	247	514	567
23-Nov	224,551	(764)	214,102	3,627	216,415	40	(11)	23	(11)	384	526	634
30-Nov-18	226,250	1,699	220,882	6,780	221,212	43	3	28	5	189	488	587
07-Dec	-----	-----	226,546	5,664	224,497	-----	-----	-----	-----	-----	483	635
14-Dec	-----	-----	227,783	1,237	225,778	-----	-----	-----	-----	-----	487	537
21-Dec	-----	-----	228,374	591	226,496	-----	-----	-----	-----	-----	388	538
28-Dec	-----	-----	233,187	4,813	234,449	-----	-----	-----	-----	-----	349	608

WEEK ENDING	PRODUCTION				APPARENT DEMAND				DAYS SUPPLY			
	2018	Week Change	2017	4 Yr Avg	2018	Week Change	2017	4 Wk Avg	4 Yr Avg	2018	2017	4 Yr Avg
16-Nov	10,036	(20)	10,432	9,829	9,185	(7)	9,595	9,185	9,199	24.5	22.3	23.2
23-Nov	10,168	132	10,222	9,888	9,188	3	8,724	9,166	9,128	24.5	23.2	23.5
30-Nov-18	9,666	(502)	9,758	9,677	8,877	(311)	8,895	9,111	8,905	24.8	24.3	24.3
07-Dec	-----	-----	10,129	9,893	-----	-----	9,091	-----	9,140	-----	25.0	24.7
14-Dec	-----	-----	10,065	9,870	-----	-----	9,426	-----	9,350	-----	25.2	24.7
21-Dec	-----	-----	10,246	10,225	-----	-----	9,485	-----	9,443	-----	24.8	24.6
28-Dec	-----	-----	9,682	9,154	-----	-----	8,650	-----	8,521	-----	25.4	25.7

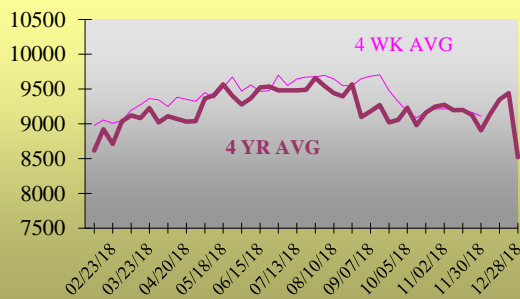
  

WEEK ENDING	PADD BREAKDOWN											
	PADD I				PADD II				PADD III			
2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	
16-Nov	61,702	(2,986)	53,487	58,458	46,175	(464)	45,076	47,954	83,759	1,936	77,016	78,442
23-Nov	61,070	(632)	56,069	58,654	46,854	679	45,571	48,959	82,817	(942)	76,897	79,138
30-Nov-18	61,392	322	58,450	61,386	49,407	2,553	47,247	49,865	80,781	(2,036)	78,399	79,749
07-Dec	-----	-----	59,200	63,949	-----	-----	47,871	49,836	-----	-----	81,563	80,062
14-Dec	-----	-----	57,820	64,917	-----	-----	47,845	52,171	-----	-----	83,992	80,982

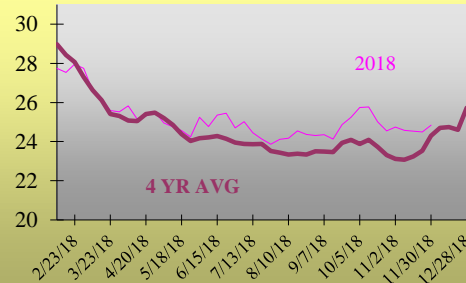
  

WEEK ENDING	PADD IV				PADD V				PADD TOTAL			
	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg	2018	Wk Chg	2017	4 Yr Avg
16-Nov	6,812	(130)	6,692	7,195	26,867	349	28,204	28,422	225,315	(1,295)	210,475	214,414
23-Nov	6,815	3	6,752	7,390	26,994	127	28,812	29,299	224,551	(764)	214,102	216,415
30-Nov-18	6,941	126	7,037	7,473	27,729	735	29,749	29,619	226,250	1,699	220,882	221,212
07-Dec	-----	-----	7,169	7,559	-----	-----	30,743	29,835	-----	-----	226,546	224,497
14-Dec	-----	-----	7,123	7,616	-----	-----	31,003	29,409	-----	-----	227,783	225,778

**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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