

Flint Hills Resources Asphalt Cement Prices for November 2018

Date	Union Pacific RR's daily West Texas Intermediate Crude Oil (WTI) Price per 42 Gallon Barrel (US \$)	Flint Hills Resources Monthly Average Differential Price for WCS @ Hardisty compared to WTI (US \$ per bbl)	Price of WCS @ Hardisty per Short Ton [1 bbl x 6.65] (US \$)	WCS @ Hardisty Monthly Average (US \$)
-	-	-45.66	-	73.37
01	63.69	18.03	119.90	-
02	63.14	17.48	116.24	-
05	63.10	17.44	115.98	-
06	62.21	16.55	110.06	-
07	61.67	16.01	106.47	-
08	60.67	15.01	99.82	-
09	60.19	14.53	96.62	-
12	59.93	14.27	94.90	-
13	55.69	10.03	66.70	-
14	56.25	10.59	70.42	-
15	56.46	10.80	71.82	-
16	56.46	10.80	71.82	-
19	56.76	11.10	73.82	-
20	53.43	7.77	51.67	-
21	54.63	8.97	59.65	-
23	50.42	4.76	31.65	-
26	51.63	5.97	39.70	-
27	51.56	5.90	39.24	-
28	50.29	4.63	30.79	-
29	51.45	5.79	38.50	-
30	50.93	5.27	35.05	-