

Flint Hills Resources Asphalt Cement Prices for October 2019

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 \$)
-	-	-12.05	-	279.00
01	53.62	41.57	276.44	-
02	52.64	40.59	269.92	-
03	52.45	40.40	268.66	-
04	52.81	40.76	271.05	-
07	52.75	40.70	270.66	-
08	52.63	40.58	269.86	-
09	52.59	40.54	269.59	-
10	53.55	41.50	275.98	-
11	54.70	42.65	283.62	-
14	53.59	41.54	276.24	-
15	52.81	40.76	271.05	-
16	53.36	41.31	274.71	-
17	53.93	41.88	278.50	-
18	53.78	41.73	277.50	-
21	53.31	41.26	274.38	-
22	54.16	42.11	280.03	-
23	55.97	43.92	292.07	-
24	56.23	44.18	293.80	-
25	56.66	44.61	296.66	-
28	55.81	43.76	291.00	-
29	55.54	43.49	289.21	-
30	55.06	43.01	286.02	-
31	54.18	42.13	280.16	-