

November	NCRA		CVR		Plains		Plains		Enterprise		Plains		Valero		Valero		Sun		Phillips 66		Enterprise		Plains WTI		Shell		Flint Hills Wyoming General Sour		Flint Hills Wyoming Asphaltic Sour		Flint Hills Wyoming Heavy Sour		Flint Hills Wyoming Medium Sour	
	KS Common	KS Common	Plains Central	KS Common	NW KS	OK Sweet	Panhandle	Panhandle	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	All Other Areas	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	
1-Nov	46.50	46.50	46.35	43.10	44.25	52.65	47.75	52.25	52.75	52.50	52.82	52.65	52.75	52.80	37.75	36.75	37.75	38.75																
2-Nov	46.50	46.50	46.35	43.10	44.25	52.65	47.75	52.25	52.75	52.50	52.82	52.65	52.75	52.80	37.75	36.75	37.75	38.75																
3-Nov	46.50	46.50	46.35	43.10	44.25	52.65	47.75	52.25	52.75	52.50	52.82	52.65	52.75	52.80	37.75	36.75	37.75	38.75																
4-Nov	46.75	46.75	46.35	43.10	44.25	52.99	47.75	52.50	53.00	53.00	53.16	52.99	52.75	53.20	38.00	37.00	38.00	39.00																
5-Nov	47.50	47.50	47.35	44.10	45.25	53.68	48.75	53.25	53.75	53.75	53.85	53.68	53.75	53.80	38.75	37.75	38.75	39.75																
6-Nov	46.50	46.50	46.35	43.10	44.25	52.80	47.75	52.25	53.75	53.00	52.97	52.80	52.75	53.00	37.75	36.75	37.75	38.75																
7-Nov	47.50	47.50	47.35	44.10	45.25	53.60	48.75	53.25	53.75	53.75	53.77	53.60	53.75	53.80	38.50	37.50	38.50	39.50																
8-Nov	47.50	47.50	47.35	44.10	45.25	53.69	48.75	53.25	53.75	53.75	53.86	53.69	53.75	53.90	38.75	37.75	38.75	39.75																
9-Nov	47.50	47.50	47.35	44.10	45.25	53.69	48.75	53.25	53.75	53.75	53.86	53.69	53.75	53.90	38.75	37.75	38.75	39.75																
10-Nov	47.50	47.50	47.35	44.10	45.25	53.69	48.75	53.25	53.75	53.75	53.86	53.69	53.75	53.90	38.75	37.75	38.75	39.75																
11-Nov	47.00	47.00	46.85	43.60	44.75	53.31	48.25	52.75	53.25	53.50	53.48	53.31	53.25	53.50	38.25	37.25	38.25	39.25																
12-Nov	47.00	47.00	46.85	43.60	44.75	53.25	48.25	52.75	53.25	53.25	53.42	53.25	53.25	53.40	38.25	37.25	38.25	39.25																
13-Nov	47.25	47.25	47.10	43.85	45.00	53.57	48.50	53.00	53.50	53.50	53.74	53.57	53.50	53.70	38.50	37.50	38.50	39.50																
14-Nov	47.00	47.00	46.85	43.60	44.75	53.22	48.25	52.75	53.25	53.25	53.39	53.22	53.25	53.40	38.25	37.25	38.25	39.25																
15-Nov	48.00	48.00	47.85	44.60	45.75	54.17	49.25	53.75	54.25	54.25	54.34	54.17	54.25	54.30	39.25	38.25	39.25	40.25																
16-Nov	48.00	48.00	47.85	44.60	45.75	54.17	49.25	53.75	54.25	54.25	54.34	54.17	54.25	54.30	39.25	38.25	39.25	40.25																
17-Nov	48.00	48.00	47.85	44.60	45.75	54.17	49.25	53.75	54.25	54.25	54.34	54.17	54.25	54.30	39.25	38.25	39.25	40.25																
18-Nov	47.25	47.25	47.10	43.85	45.00	53.50	48.50	53.00	53.50	54.25	53.67	53.50	53.50	53.70	38.50	37.50	38.50	39.50																
19-Nov	45.50	45.50	45.35	42.10	43.25	51.66	46.75	51.25	51.75	51.75	51.83	51.66	51.75	51.80	36.75	35.75	36.75	37.75																
20-Nov	47.25	47.25	47.10	43.85	45.00	53.56	48.50	53.00	53.50	53.50	53.73	53.56	53.50	53.70	38.50	37.50	38.50	39.50																
21-Nov	48.75	48.75	48.60	45.35	46.50	55.03	50.00	54.50	55.00	55.00	55.20	55.03	55.00	55.20	40.00	39.00	40.00	41.00																
22-Nov	48.00	48.00	47.85	44.60	45.75	54.22	49.25	53.75	54.25	54.25	54.39	54.22	54.25	54.40	39.25	38.25	39.25	40.25																
23-Nov	48.00	48.00	47.85	44.60	45.75	54.22	49.25	53.75	54.25	54.25	54.39	54.22	54.25	54.40	39.25	38.25	39.25	40.25																
24-Nov	48.00	48.00	47.85	44.60	45.75	54.22	49.25	53.75	54.25	54.25	54.39	54.22	54.25	54.40	39.25	38.25	39.25	40.25																
25-Nov	48.25	48.25	48.10	44.85	46.00	54.46	49.50	54.00	54.50	54.50	54.63	54.46	54.50	54.60	39.50	38.50	39.50	40.50																
26-Nov	48.75	48.75	48.60	45.35	46.50	54.86	50.00	54.50	55.00	55.00	55.03	54.86	55.00	55.00	40.00	39.00	40.00	41.00																
27-Nov	48.25	48.25	48.10	44.85	46.00	54.56	49.50	54.00	54.50	54.75	54.73	54.56	54.50	54.70	39.50	38.50	39.50	40.50																
28-Nov	48.25	48.25	48.10	44.85	46.00	54.56	49.50	54.00	54.50	54.75	54.73	54.56	54.50	54.70	39.50	38.50	39.50	40.50																
29-Nov	45.50	45.50	45.35	42.10	43.25	51.62	46.75	51.25	51.75	51.75	51.79	51.62	51.75	54.70	36.75	35.75	36.75	37.75																
30-Nov	45.50	45.50	45.35	42.10	43.25	51.62	46.75	51.25	51.75	51.75	51.79	51.62	51.75	54.70	36.75	35.75	36.75	37.75																
AVERAGE	47.33	47.33	47.17	43.92	45.07	53.53	48.57	53.08	53.58	53.61	53.70	53.53	53.57	53.89	38.57	37.57	38.57	39.57																

**Previous Months**

	October-19	September-19	August-19
NCRA KS Common	\$ 44.38	\$ 46.91	\$ 45.09
CVR KS Common	\$ 44.38	\$ 46.91	\$ 45.09
Plains Central	\$ 44.21	\$ 46.76	\$ 44.91
Plains KS Common	\$ 40.96	\$ 43.51	\$ 41.66
Plains NW KS	\$ 42.11	\$ 44.66	\$ 42.81
Enterprise OK Sweet	\$ 50.58	\$ 53.13	\$ 51.28
Plains Panhandle	\$ 45.61	\$ 48.16	\$ 46.31
Valero Panhandle	\$ 50.13	\$ 52.66	\$ 50.84
Valero WTI	\$ 50.63	\$ 53.16	\$ 51.34
Sun WTI	\$ 50.62	\$ 53.18	\$ 51.32
ConPhil WTI	\$ 50.75	\$ 53.30	\$ 51.45
Enterprise WTI	\$ 50.58	\$ 53.13	\$ 51.28
Shell Trading WTI	\$ 50.74	\$ 53.29	\$ 51.45
Plains WTI All Other Areas	\$ 49.08	\$ 46.39	\$ 44.33
Flint Hills Wyoming General Sour	\$ 38.36	\$ 40.88	\$ 39.58
Flint Hills Wyoming Asphaltic Sour	\$ 37.36	\$ 39.88	\$ 38.58
Flint Hills Wyoming Heavy Sour	\$ 38.31	\$ 40.75	\$ 39.34
Flint Hills Wyoming Medium Sour	\$ 39.31	\$ 41.75	\$ 40.34

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