



CRUDE OIL PRICE BULLETIN

P.O. BOX 1404, MCPHERSON, KANSAS 67460

Effective at 7:00 A.M. on the date shown below, subject to change without notice and subject to applicable law and regulations and to its Division Orders and other contracts, National Cooperative Refinery Association (NCRA) will pay the price per barrel set out below after application of all adjustments to base price, including adjustments for gravity and transportation where applicable.

Bulletin #	165	166	167	168	169	170	171	
Effective Date	11/1/02	11/5/02	11/6/02	11/7/02	11/8/02	11/11/02	11/12/02	
	Price	Price	Price	Price	Price	Price	Price	Gravity
State/Area	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	Adj Col
Kansas								
Kansas Common	22.50	21.50	21.25	20.75	21.25	21.50	21.25	B
Kansas GS	23.00	22.00	21.75	21.25	21.75	22.00	21.75	B
Nebraska								
Intermediate	21.75	20.75	20.50	20.00	20.50	20.75	20.50	B
Oklahoma								
Sweet	23.25	22.25	22.00	21.50	22.00	22.25	22.00	A
Western Okla Sweet	22.75	21.75	21.50	21.00	21.50	21.75	21.50	A
Texas								
West Texas Int.	23.25	22.25	22.00	21.50	22.00	22.25	22.00	C
West Texas Sour	18.75	17.75	17.50	17.00	17.50	17.75	17.50	D
Bulletin #	172	173	174	175	176	177	178	
Effective Date	11/13/02	11/15/02	11/18/02	11/19/02	11/20/02	11/21/02	11/22/02	
	Price	Price	Price	Price	Price	Price	Price	Gravity
State/Area	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	Adj Col
Kansas								
Kansas Common	20.75	21.00	22.25	22.00	22.50	21.75	22.25	B
Kansas GS	21.25	21.50	22.75	22.50	23.00	22.25	22.75	B
Nebraska								
Intermediate	20.00	20.25	21.50	21.25	21.75	21.00	21.50	B
Oklahoma								
Sweet	21.50	21.75	23.00	22.75	23.25	22.50	23.00	A
Western Okla Sweet	21.00	21.25	22.50	22.25	22.75	22.00	22.50	A
Texas								
West Texas Int.	21.50	21.75	23.00	22.75	23.25	22.50	23.00	C
West Texas Sour	17.00	17.25	18.50	18.25	18.75	18.00	18.50	D
Bulletin #	179	180	181					
Effective Date	11/25/02	11/26/02	11/27/02					
	Price	Price	Price	Price	Price	Price	Monthly	Gravity
State/Area	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	Average	Adj Col
Kansas								
Kansas Common	21.50	21.75	22.25				21.733	B
Kansas GS	22.00	22.25	22.75				22.233	B
Nebraska								
Intermediate	20.75	21.00	21.50				20.983	B
Oklahoma								
Sweet	22.25	22.50	23.00				22.483	A
Western Okla Sweet	21.75	22.00	22.50				21.983	A
Texas								
West Texas Int.	22.25	22.50	23.00				22.483	C
West Texas Sour	17.75	18.00	18.50				17.983	D