

9/20/2019

LINK DATA SERVICES

CANADIAN DELIVERED

GRADE	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
WTI CMA	0.01	0.42	0.63	0.72	0.71	0.77	0.77	0.42	0.77	0.65	0.30	0.65
WCS CUSHING	-4.10	-5.25	-6.65	-6.70	-6.75	-6.80	-6.85	-6.90	-6.95	-7.00	-7.05	-7.10
CLK CUSHING	-4.10	-5.25	-6.65	-6.70	-6.75	-6.80	-6.85	-6.90	-6.95	-7.00	-7.05	-7.10
AWB CUSHING	-6.25	-7.25	-8.65	-8.70	-8.75	-8.80	-8.85	-8.90	-8.95	-9.00	-9.05	-9.10
WCS US GULF	-2.15	-3.55	-4.75	-4.80	-4.85	-4.90	-4.95	-5.00	-5.05	-5.10	-5.15	-5.20
CLK US GULF	-2.15	-3.55	-4.75	-4.80	-4.85	-4.90	-4.95	-5.00	-5.05	-5.10	-5.15	-5.20
AWB US GULF	-4.05	-5.45	-6.65	-6.70	-6.75	-6.80	-6.85	-6.90	-6.95	-7.00	-7.05	-7.10
CLK @ PATOKA	-5.30	-5.75										

ROCKIES AND US GULF DELIVERED

BLS CUSHING	0.60	0.80	0.80	0.80	0.80	0.80						
NIO CUSHING	0.60	0.85	0.85	0.85	0.85	0.85						
WHITECLIFFS	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20						
GRAND MESA LT	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10						
BAKKEN US GULF	3.20	2.50										
LLS ST JAMES	4.15	3.30	2.90	2.80	2.75	2.70	2.70	2.75	2.80	2.90	2.90	2.90
MARS CLOVELLY	2.55	1.40	0.30	-0.50	-1.15	-1.80	-1.80	-1.65	-1.50	-1.75	-1.75	-1.75
MEH	3.80	2.70	2.50	2.35	2.15	1.95	2.05	2.15	2.25	2.30	2.30	2.30

CANADIAN FORWARD

GRADE		Oct+Nov	4Q19	1Q20	2Q20	1H20	4Q-2Q	Jan-Aug	
WCS CUSHING		-4.68	-5.33	-6.75	-6.90	-6.83	-6.33	-6.88	
CLK CUSHING		-4.68	-5.33	-6.75	-6.90	-6.83	-6.33	-6.88	
AWB CUSHING		-6.75	-7.38	-8.75	-8.90	-8.83	-8.34	-8.88	
WCS US GULF		-2.85	-3.48	-4.85	-5.00	-4.93	-4.44	-4.98	
CLK US GULF		-2.85	-3.48	-4.85	-5.00	-4.93	-4.44	-4.98	
AWB US GULF		-4.75	-5.38	-6.75	-6.90	-6.83	-6.34	-6.88	

FINANCIAL DERIVATIVES

CODE	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
BZ/B	64.40	63.40	62.40	61.70	61.25	60.80	60.45	60.15	59.85	59.55	59.30	59.05
BK/BTD	-6.10	-5.15	-4.50	-4.25	-4.35	-4.45	-4.65	-4.85	-5.05	-5.20	-5.40	-5.45
WCW/TMW			-13.05	-14.00	-15.60	-15.70	-15.80	-15.90	-16.10	-16.25	-16.55	-17.40
CIL/TMR			-5.75	-6.25	-7.15	-7.10	-7.00	-6.95	-6.85	-6.70	-6.45	-6.55

FINANCIAL FORWARD

CONTRACT		4Q19	Oct+Nov	1Q20	2Q20	1H20	2H20	Cal20	
BZ/B		62.50	62.90	60.83	59.85	60.34	58.72	59.53	
BK/BTD		-4.63	-4.83	-4.48	-5.03	-4.76	-5.50	-5.13	
WCW/TMW		-9.02	-6.53	-15.70	-9.65	-12.68			
CIL/TMR		-4.00	-2.88	-7.08	-4.10	-5.59			