

CANADIAN AND U.S. CRUDE OIL PIPELINES AND REFINERIES - 2018



CANADA'S OIL & NATURAL GAS PRODUCERS

For information contact: (403) 267-1141 / CAPP.ca

2017 CANADIAN CRUDE OIL PRODUCTION		
	000 m ³ /d	000 b/d
British Columbia	12	75
Alberta	534	3,363
Saskatchewan	77	486
Manitoba	6	39
Northwest Territories	0	0.3
Western Canada	630	3,963
Eastern Canada	36	224
Total Canada	665	4,187

COME BY CHANCE	
Silverpeak	130



PIPELINE TOLLS FOR LIGHT OIL (US\$ per barrel)	
Edmonton to	
Burnaby (Trans Mountain)	1.95
Anacortes (Trans Mountain/Puget)	2.25
Sarnia (Enbridge)	4.60
Montréal (Enbridge)	6.10
Chicago (Enbridge)	4.15
Cushing (Enbridge)	5.35*-6.70
Wood River (Enbridge/Mustang/Capwood)	5.50
U.S. Gulf Coast (Enbridge/Seaway)	6.45†-9.55
Hardisty to	
Guernsey (Express/Platte)	3.30*
Wood River (Express/Platte)	5.05*
Wood River (Keystone)	4.50**-7.95
U.S. Gulf Coast (Enbridge/Seaway)	6.20†-8.65‡
U.S. Gulf Coast (Keystone/TC Gulf Coast)	9.70§-10.95
U.S. East Coast to Montréal (Portland/Montréal)	
	0.90
St. James to Wood River (Capline/Capwood)	
	1.35

PIPELINE TOLLS FOR HEAVY OIL (US\$ per barrel)	
Hardisty to:	
Chicago (Enbridge)	4.35
Cushing (Enbridge)	5.55*-6.90
Cushing (Keystone)	6.25**-10.10
Wood River (Enbridge/Mustang/Capwood)	6.15
Wood River (Keystone)	5.15*-9.05
Wood River (Express/Platte)	5.65*
U.S. Gulf Coast (Enbridge/Seaway)	7.30†-10.40
U.S. Gulf Coast (Keystone/TC Gulf Coast)	10.55§-12.45

Notes: 1) Assumed exchange rate = 0.78 US\$ / 1CS (May 2018 average)
 2) Tolls rounded to nearest 5 cents
 3) Tolls in effect July 1, 2018
 * 10-year committed toll
 ** 20-year committed toll
 † First Open Season, 15-year, 50,000+ b/d committed volumes
 § International Joint Tariff

Crude Refining Capacities as at June 1, 2018 (thousand barrels per day)

PADD Petroleum Administration for Defense District

Major Existing Crude Oil Pipelines Carrying Canadian Crude Oil

Selected Other Crude Oil Pipelines

VANCOUVER TO:	
Japan	- 4,300 miles
Taiwan	- 5,600 miles
S. Korea	- 4,600 miles
China	- 5,100 miles
San Francisco	- 800 miles
Los Angeles	- 1,100 miles

VANCOUVER	
Parkland Fuel (Burnaby)	...55

PUGET SOUND	
BP (Cherry Point)	.....236
Shell (Anacortes)	.....137
Andeavor (Anacortes)	.....120
Phillips 66 (Ferndale)	.....105
TrailStone (Tacoma)	.....42

SAN FRANCISCO	
Chevron (Richmond)	.....257
Andeavor (Martinez)	.....166
Shell (Martinez)	.....145
Valero (Benicia)	.....145
Phillips 66 (Rodeo & Santa Maria)	.....120

SALT LAKE CITY	
Andeavor	.....63
Chevron	.....53
HollyFrontier	.....45
Big West Oil	.....35

BAKERSFIELD	
Kern Oil	.....26
San Joaquin	.....14

LOS ANGELES	
Andeavor (Carson/Wilmington)	.....380
Chevron (El Segundo)	.....269
PBF (Torrance)	.....155
Phillips 66 (Carson/Wilmington)	.....139
Valero (Wilmington)	.....85
Delek (3-Paramount, LB, Bakersfield)	..... idled

UPGRADERS	BITUMEN CAPACITY
Syncrude (Fort McMurray)	.....465
Suncor (Fort McMurray)	.....438
Shell (Scottford)	.....240
CNRL (Horizon)	.....290

EDMONTON	
Imperial (Strathcona)	.....191
Suncor	.....142
Shell	.....100
NW Refining (Sturgeon County)	.....79
LLOYDMINSTER	
Husky asphalt plant	.....29
Husky Upgrader	.....82

REGINA	
Co-op Refinery-Upgrader Complex	.....130
MOOSE JAW	
Moose Jaw asphalt plant	.....19

NORTH DAKOTA	
Andeavor (Mandan)	.....74
Andeavor (Dickinson)	.....20

KANSAS	
HollyFrontier (El Dorado)	.....135
CVR Refining (Coffeyville)	.....115
CHS (McPherson)	.....100

OKLAHOMA	
Phillips 66 (Ponca City)	.....203
HollyFrontier (Tulsa)	.....125
Valero (Ardmore)	.....86
CVR Refining (Wynnewood)	.....70

BORGER/MCKEE	
Valero (Sunray)	.....195
WRB (Borger)	.....146

NEW MEXICO/W. TEXAS	
Andeavor (El Paso)	.....135
HollyFrontier (Artesia)	.....100
Delek (Big Spring)	.....73
Andeavor (Gallup)	.....25

SAN ANTONIO	
Calumet	.....21
THREE RIVERS	
Valero	.....89
CORPUS CHRISTI	
Flint	.....300
Valero	.....275
CITGO	.....157

HOUSTON/TEXAS CITY	
Marathon (Galveston)	.....571
ExxonMobil (Baytown)	.....561
Shell (Deer Park)	.....312
LyondellBasell	.....268
Valero (2)	.....180+225
Petrobras (Pasadena)	.....110

PORT ARTHUR/BEAUMONT	
Motiva	.....578
ExxonMobil	.....366
Valero	.....335
Total	.....226

LAKE CHARLES	
CITGO	.....425
Phillips 66	.....249
Delek (Krotz Springs)	.....74
Placid (Port Allen)	.....60

MISSISSIPPI RIVER	
Marathon (Garyville)	.....556
ExxonMobil (Baton Rouge)	.....503
Phillips 66 (Belle Chasse)	.....247
Shell (Norco)	.....229
Shell (Convent)	.....223
Valero (Norco)	.....215
PBF (Chalmette)	.....189
Valero (Meroux)	.....125
Delek (Krotz Springs)	.....74
Placid (Port Allen)	.....60

Disclaimer: This map is provided as a courtesy and for general informational purposes only. While care was taken in the creation of this map, the map may not be sufficiently accurate for any particular purpose. CAPP does not accept any responsibility for errors, omissions, or positional accuracy. There are no warranties, expressed or implied, accompanying this product. However, notification of any errors would be appreciated.