



Supply and Disposition of Crude Oil and Equivalent
Unit = cubic metres (m3)

OIL', 'CRUDEBIT', 'COND', 'SYNCRD'
 'IC5-SP', 'NC5-SP', 'C5-SP', 'C6-SP'

Run Date:

See Manual 011: How to Submit Volumetric Data to the AER for definitions of the codes used below.

Year To Date

SUPPLY

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Opening Inventory	FROM Volumetric Summary Activity Table												INVOP	Year to date opening inventory is from the most current month reporting
Production														
Crude Oil Production														
Crude Oil Light	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID=OIL, Oil Density between 0 and 849.999999	
Crude Oil Medium	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID=OIL, Oil Density between 850 and 899.999999	
Crude Oil Heavy	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID=OIL, Oil Density between 900 and 924.999999	
Crude Oil Ultra Heavy	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID=OIL, Oil Density >= 925	
Total Crude Oil Production	CALCULATED: SUM of Conventional Oil Production													
Condensate Production														
Condensate Production	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID= COND	
Oil Sands Production														
Non-Upgraded														
In Situ Production	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID=OIL, DEPOSIT_ID not null	
Mined Production	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID=CRUDEBIT	
Sent for Further Processing	FROM Volumetric Reporting Activity Table												ACTIVITY=FURPROC, FLUID=CRUDEBIT (set as negative)	
Non-Upgraded Total	CALCULATED: SUM of Non-Upgraded Production													
Upgraded Production	FROM Volumetric Reporting Activity Table												ACTIVITY=PROD, FLUID= SYNCRD SUBTRACT ACTIVITY = FURPROC, FLUID= SYNCRD	
Total Oil Sands Production	CALCULATED: SUM of Non-Upgraded Production Total and Upgraded Production													
Total Production														
Total Production	CALCULATED: SUM of Total Conventional Oil Production and Condensate Production and Total Oil Sands Production													
Receipts														
Pentanes Plus - Plant/Gathering Process	FROM Volumetric Summary Activity Table												PROC	
Pentanes Plus - Fractionation Yield	FROM Volumetric Summary Activity Table												FRAC	
Skim Oil Recovered	FROM Volumetric Summary Activity Table												Sum of skim oil recovered at Injection Facilities (ABIF) invop_oil + rec_oil - disp_oil - invcl_oil + invadj_oil	
Waste Plant Receipts	FROM Volumetric Reporting Activity Table												ACTIVITY=REC, Source= ABWP	
Other Alberta Receipts	FROM Volumetric Reporting Activity Table												Source=ABOT or ABMC, ACTIVITY=REC, Dest=AB_Facility	
Butanes reported as Crude Oil or Equivalent	FROM Volumetric Summary Activity Table												Sum of all facilities: C4 supply - C4 disposition	
NGL reported as Crude Oil or Equivalent	FROM Volumetric Summary Activity Table												Sum of all facilities: NGL supply - NGL disposition	
Imports														
Pentanes Plus	FROM Volumetric Reporting Activity Table												Source=^AB, ACTIVITY=REC, Dest=AB_Facility, FLUID=IC5-SP,NC5-SP,C5-SP,C6-SP	
Condensates	FROM Volumetric Reporting Activity Table												Source=^AB, ACTIVITY=REC, Dest=AB_Facility, FLUID=COND	
Oil	FROM Volumetric Reporting Activity Table												Source=^AB, ACTIVITY=REC, Dest=AB_Facility, FLUID=OIL, CRUDEBIT	
Synthetic Crude Oil	FROM Volumetric Reporting Activity Table												Source=^AB, ACTIVITY=REC, Dest=AB_Facility, FLUID=SYNCRD	
Total Imports	CALCULATED: SUM of Receipts													

Flare or Waste FROM Volumetric Summary Activity Table FLARWAST
 Fuel FROM Volumetric Summary Activity Table FUEL
 Shrinkage FROM Volumetric Summary Activity Table SHR

Closing Inventory FROM Volumetric Summary Activity Table INVCL Year to date closing inventory is from the most current month reporting
 Adjustments FROM Volumetric Summary Activity Table INVADJ (can be either positive or negative) PLUS IMBAL (can be either positive or negative) PLUS DIFF (can be either positive or negative)

TOTAL OIL & EQUIVALENT SUPPLY **CALCULATED -- Opening Inventory PLUS Total Production PLUS Total Receipts SUBTRACT Flare or Waste SUBTRACT Fuel SUBTRACT Shrinkage SUBTRACT Closing Inventory PLUS Adjustments**

Run Date: **Year To Date**

DISPOSITION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Alberta Use													
Alberta Injection and well use													
Alberta Refinery Sales													
Waste Plant Use													
Plant Use													
Line Fill													
Load Fluid													
Alberta Other Sales													
Total Alberta Use	CALCULATED: SUM of Alberta Use												

Removals from Alberta FROM Volumetric Reporting Activity Table ACTIVITY=DISP AND Dest<>AB OR Dest='NEB pipeline' OR Dest='ABRC'
 (cubic metres per day) **CALCULATED: Removals from Alberta / number of days in month**

Reporting Adjustment **CALCULATED: Total Supply SUBTRACT Total Alberta Use SUBTRACT Total Removals from Alberta**
 as percent **CALCULATED: Reporting Adjustment DIVIDED BY TOTAL SUPPLY AS PERCENT VALUE**

TOTAL OIL & EQUIVALENT DISPOSITION **CALCULATED: EQUAL to TOTAL SUPPLY**

Note: Removals from Alberta includes deliveries reported to non-Alberta destinations which could be via rail or truck, and deliveries reported to CER pipelines. Final destinations are not reported into PETRINEX.
 For more information regarding oil removals (Canada and US destinations) please see <https://www.cer-rec.gc.ca/nrg/sttstc/crdlndptrlmrdct/index-eng.html>.
 Reporting adjustment may also include fluctuations in CER pipeline inventories.
 Condensate imports have been adjusted to represent estimated diluent import volumes.



Supply and Disposition of Crude Oil and Equivalent
Unit = cubic metres (m³)

Run Date: 03 April 2020

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2019
SUPPLY													
Opening Inventory	11,868,370.1	10,876,201.9	11,439,430.9	11,598,291.3	11,983,513.7	11,382,988.0	10,940,624.6	10,382,183.6	10,436,190.0	10,619,700.9	10,929,219.2	11,776,340.9	11,868,370.1
Production													
Crude Oil Production													
Crude Oil Light	1,383,330.3	1,233,366.2	1,411,619.2	1,390,500.8	1,358,216.6	1,294,112.4	1,353,459.8	1,341,840.5	1,292,962.5	1,376,744.4	1,376,926.8	1,477,750.6	16,290,830.1
Crude Oil Medium	471,295.3	407,690.1	470,739.8	457,729.0	472,496.5	448,715.6	460,917.3	464,259.6	450,187.4	457,096.9	438,475.5	455,040.8	5,454,643.8
Crude Oil Heavy	186,810.4	165,479.6	188,383.2	182,221.5	185,640.6	176,217.3	180,326.8	187,358.5	176,731.5	176,779.6	173,014.4	177,287.0	2,156,250.4
Crude Oil Ultra Heavy	358,636.7	319,234.2	361,119.6	344,691.2	369,923.0	359,950.1	370,325.9	375,726.8	371,154.0	383,557.2	370,539.8	379,631.6	4,364,490.1
Total Crude Oil Production	2,400,072.7	2,125,770.1	2,431,861.8	2,375,142.5	2,386,276.7	2,278,995.4	2,365,029.8	2,369,185.4	2,291,035.4	2,394,178.1	2,358,956.5	2,489,710.0	28,266,214.4
Condensate Production	435,385.9	377,902.7	426,840.1	439,756.7	461,742.3	410,520.3	424,628.2	448,105.2	417,795.7	408,163.7	444,475.4	420,435.8	5,115,752.0
Oil Sands Production													
Non-Upgraded													
In Situ Production	7,251,459.2	6,832,752.3	7,622,514.0	7,291,029.5	7,072,889.1	7,294,299.0	7,551,950.0	7,552,021.0	7,668,163.5	8,169,730.5	7,754,278.9	8,243,872.9	90,304,959.9
Mined Production	7,597,085.2	6,713,643.9	7,388,774.8	7,596,287.5	7,586,554.9	7,713,278.1	8,173,092.3	8,299,883.0	7,047,538.4	6,676,893.0	7,134,831.3	8,062,932.9	89,990,795.3
Sent for Further Processing	(6,857,539.9)	(5,961,078.6)	(6,507,343.1)	(5,799,387.3)	(5,962,714.4)	(6,279,567.8)	(7,001,524.3)	(6,845,577.4)	(5,293,373.1)	(5,048,923.5)	(5,531,152.8)	(6,581,252.8)	(73,669,435.0)
Non-Upgraded Total	7,991,004.5	7,585,317.6	8,503,945.7	9,087,929.7	8,696,729.6	8,728,009.3	8,723,518.0	9,006,326.6	9,422,328.8	9,797,700.0	9,357,957.4	9,725,553.0	106,626,320.2
Upgraded Production	5,975,723.5	5,208,986.4	5,747,963.0	5,066,744.1	5,147,245.2	5,468,906.0	6,139,523.1	5,979,597.2	4,617,120.8	4,444,498.2	4,884,995.8	5,778,600.3	64,459,903.6
Total Oil Sands Production	13,966,728.0	12,794,304.0	14,251,908.7	14,154,673.8	13,843,974.8	14,196,915.3	14,863,041.1	14,985,923.8	14,039,449.6	14,242,198.2	14,242,953.2	15,504,153.3	171,086,223.8
Total Production	16,802,186.6	15,297,976.8	17,110,610.6	16,969,573.0	16,691,993.8	16,886,431.0	17,652,699.1	17,803,214.4	16,748,280.7	17,044,540.0	17,046,385.1	18,414,299.1	204,468,190.2
Receipts													
Pentanes Plus - Plant/Gathering Process	877,708.0	769,861.7	859,354.4	854,108.2	916,160.4	844,373.6	889,954.6	938,806.7	920,044.8	983,141.5	982,659.9	993,273.5	10,829,447.3
Pentanes Plus - Fractionation Yield	319,522.9	264,639.0	306,566.6	289,193.9	300,718.4	295,494.0	306,931.3	322,495.2	288,120.2	295,647.7	306,086.8	308,493.1	3,603,909.1
Skim Oil Recovered	10,994.1	12,908.1	14,143.3	13,573.9	12,924.3	11,023.3	11,509.7	11,529.2	13,101.9	13,057.4	14,866.2	15,233.5	154,864.9
Waste Plant Receipts	19,164.1	19,187.9	27,529.1	23,619.6	22,788.6	23,009.1	20,008.7	16,934.2	20,462.7	22,909.3	23,873.3	21,588.8	261,075.4
Other Alberta Receipts	182,213.8	169,289.3	228,312.7	244,250.3	197,935.8	205,023.9	155,368.5	132,411.4	182,793.5	178,296.8	148,882.2	220,060.7	2,244,838.9
Butanes reported as Crude Oil or Equivalent	200,566.4	176,333.8	189,542.0	187,163.9	185,018.3	164,896.1	164,841.5	171,239.4	178,154.6	222,580.2	189,889.1	221,743.0	2,251,968.3
NGL reported as Crude Oil or Equivalent	74.9	485.4	624.7	184.4	528.0	337.7	681.8	449.2	164.5	18.4	147.4	184.4	3,880.8
Imports													
Pentanes Plus	450,273.5	406,188.8	425,290.2	461,434.8	505,389.7	381,134.5	438,277.5	498,320.8	471,141.0	428,856.8	456,970.9	480,794.2	5,404,072.7
Condensates	1,145,501.3	1,108,095.1	1,135,889.3	1,082,970.5	928,548.4	996,864.1	1,051,520.0	1,080,889.0	1,029,867.0	943,577.5	931,246.6	1,231,024.7	12,665,993.5
Oil	829,458.8	768,668.2	844,769.4	839,536.1	870,227.0	680,614.2	784,402.6	809,793.6	830,408.9	892,159.0	899,180.0	969,934.8	10,019,152.6
Synthetic Crude Oil	279,632.4	230,272.1	263,959.0	255,841.1	273,029.8	259,552.3	250,050.8	287,721.9	308,156.2	282,876.7	256,848.2	278,308.0	3,226,248.5
Total Imports	2,704,866.0	2,513,224.2	2,669,907.9	2,639,782.5	2,577,194.9	2,318,165.1	2,524,250.9	2,676,725.3	2,639,573.1	2,547,470.0	2,544,245.7	2,960,061.7	31,315,467.3
Total Receipts	4,315,110.2	3,925,929.4	4,295,980.7	4,251,876.7	4,213,268.7	3,862,322.8	4,073,547.0	4,270,590.6	4,242,415.3	4,263,121.3	4,210,650.6	4,740,638.7	42,954,291.8
Flare or Waste	181,407.3	166,989.4	191,638.7	182,811.3	191,749.5	193,679.0	219,329.5	220,612.8	211,124.4	215,248.3	205,385.8	202,847.5	2,382,823.5
Fuel	94,978.3	91,486.2	92,884.6	91,733.3	99,217.4	85,678.9	91,451.0	78,145.6	93,504.9	96,633.5	96,946.4	99,608.6	1,112,268.7
Shrinkage	256,419.8	228,091.7	253,359.0	253,940.9	255,953.5	240,254.6	250,766.8	264,034.5	262,258.1	282,058.1	287,435.7	296,117.5	3,130,690.2

Closing Inventory	10,876,201.9	11,439,430.9	11,598,291.3	11,983,513.7	11,382,988.0	10,940,624.6	10,382,339.2	10,436,190.0	10,619,700.9	10,929,373.7	11,776,340.9	11,921,701.9	11,921,701.9
Adjustments	(177,133.7)	(13,574.4)	(259,687.1)	(98,615.2)	(31,328.8)	560.7	(33,866.3)	(100,959.2)	(37,686.9)	(86,504.6)	(23,089.8)	(58,846.5)	(920,731.8)

TOTAL OIL & EQUIVALENT SUPPLY	21,399,525.9	18,160,535.5	20,450,161.5	20,209,126.6	20,927,539.0	20,672,065.4	21,689,117.9	21,356,046.5	20,202,610.8	20,317,544.0	19,797,056.3	22,352,156.7	247,533,486.1
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Run Date: 03 April 2020

DISPOSITION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2019
Alberta Use													
Alberta Injection and well use	17,456.8	6,755.8	2,601.8	-	-	-	11,813.4	24,987.0	13.6	-	14.5	5.0	63,647.9
Alberta Refinery Sales	2,239,915.0	2,128,041.8	2,382,044.7	2,202,430.2	2,407,868.9	2,360,809.1	2,367,494.8	2,454,740.9	2,297,134.5	2,298,441.9	2,326,504.6	2,362,078.0	27,827,504.4
Waste Plant Use	35,292.4	19,130.3	23,962.6	20,467.3	17,577.3	20,613.4	15,562.5	16,746.3	19,476.1	21,193.5	20,797.1	19,202.0	250,020.8
Plant Use	23,513.4	7,192.0	17,491.5	(1,150.6)	23,678.1	16,589.5	37,436.2	19,975.6	19,924.5	13,292.7	3,904.5	13,447.3	195,294.7
Line Fill	-	-	-	-	-	103.0	-	-	-	-	-	-	103.0
Load Fluid	(1,760.2)	(4,486.8)	2,174.8	(13,783.2)	(10,916.3)	(12,556.3)	(18,377.1)	(18,686.9)	(12,160.6)	(14,951.4)	(21,066.4)	(14,773.0)	(141,343.4)
Alberta Other Sales	414,136.1	290,282.9	386,807.1	361,442.9	373,905.0	408,241.4	360,179.5	283,734.0	280,695.1	201,370.4	147,764.8	251,978.1	3,760,537.3
Total Alberta Use	2,728,553.5	2,446,916.0	2,815,082.5	2,569,406.6	2,812,113.0	2,793,800.1	2,774,109.3	2,781,496.9	2,605,083.2	2,519,347.1	2,477,919.1	2,631,937.4	31,955,764.7
Removals from Alberta (cubic metres per day)	18,438,718.2	15,000,522.5	17,392,178.3	17,290,906.9	17,884,738.0	17,557,094.7	18,806,533.2	18,081,052.8	17,182,700.2	17,255,665.4	17,143,179.3	19,005,219.3	211,038,508.8
Reporting Adjustment as percent	594,797.4	535,732.9	561,038.0	576,363.6	576,927.0	585,236.5	606,662.4	583,259.8	572,756.7	556,634.4	571,439.3	613,071.6	577,826.6
Reporting Adjustment as percent	232,254.2	713,097.0	242,900.7	348,813.1	230,688.0	321,170.6	108,475.4	493,496.8	414,827.4	542,531.5	175,957.9	715,000.0	4,539,212.6
as percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL OIL & EQUIVALENT DISPOSITION	21,399,525.9	18,160,535.5	20,450,161.5	20,209,126.6	20,927,539.0	20,672,065.4	21,689,117.9	21,356,046.5	20,202,610.8	20,317,544.0	19,797,056.3	22,352,156.7	247,533,486.1

Note: Removals from Alberta includes deliveries reported to non-Alberta destinations which could be via rail or truck, and deliveries reported to CER pipelines. Final destinations are not reported into PETRINEX.

For more information regarding oil removals (Canada and US destinations) please see <https://www.cer-rec.gc.ca/nrg/sttstc/crdlndptrlmrdct/index-eng.html>.

Reporting adjustment may also include fluctuations in CER pipeline inventories.

Condensate imports have been adjusted to represent estimated diluent import volumes.