



**Supply and Disposition of Crude Oil and Equivalent**  
Unit = m<sup>3</sup>

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

Run Date:

Year To Date

**SUPPLY**

Opening Inventory FROM Volumetric Summary Activity Table INVOP Year to date opening inventory is from the most current month reporting

**Production**

Conventional Oil

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 Conventional Oil Production **CALCULATED: SUM of Conventional Oil Production**

Condensate Production FROM Volumetric Reporting Activity Table ACTIVITY=PROD, FLUID= COND

Oil Sands Production

Non-Upgraded Production  
 In Situ Production FROM Volumetric Reporting Activity Table ACTIVITY=PROD, FLUID=OIL, WELL TYPE = Bitumen  
 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 Production 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**

**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 FROM Volumetric Reporting Activity Table Source=^AB, ACTIVITY=REC, Dest=AB\_Facility

**Total Receipts**

**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

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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**DISPOSITION**

**Alberta Use**

Alberta Injection and well use	FROM Volumetric Reporting Activity Table	INJ PLUS ACTIVITY=DISP, Dest=Well
Alberta Refinery Sales	FROM Volumetric Reporting Activity Table	Source=ABRF, ACTIVITY=DISP, Dest=ABOT or ABMC
Waste Plant Use	FROM Volumetric Reporting Activity Table	ACTIVITY=DISP, Dest=ABWP
Plant Use	FROM Volumetric Summary Activity Table	PLTUSE
Line Fill	FROM Volumetric Reporting Activity Table	ACTIVITY=DISP, Dest=ABLF
Load Fluid	FROM Volumetric Reporting Activity Table	LDINVOP - LDINJ + LDREC - LDINVCL + LDINVADJ
Alberta Other Sales	FROM Volumetric Reporting Activity Table	Source=AB_Facility and <> ABRF, ACTIVITY=DISP, Dest=ABOT or ABMC

**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'

**m3/day** CALCULATED: Removals from Alberta / number of days in month

Reporting Adjustment as percent CALCULATED: Total Supply SUBTRACT Total Alberta Use SUBTRACT Total Removals from Alberta

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 NEB pipelines. Final destinations are not reported into PETRINEX.

For more information regarding oil removals (Canada and US destinations) please see <http://www.neb-one.gc.ca/nrg/sttstc/crdlndptrlmprdct/index-eng.html>

: Reporting adjustment may also include fluctuations in NEB pipeline inventories.



**Supply and Disposition of Crude Oil and Equivalent**  
Unit = m<sup>3</sup>

Run Date: 28 February 2018

Year To Date

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2017
<b>SUPPLY</b>													
Opening Inventory	9,541,707.3	9,840,174.7	9,986,889.7	9,731,371.3	8,740,779.0	8,503,126.8	8,534,210.4	8,828,622.9	9,348,946.2	9,025,278.7	9,014,390.9	10,205,559.4	9,541,707.3
<b>Production</b>													
Conventional Oil													
Crude Oil Light	1,143,172.4	1,050,614.4	1,174,348.6	1,119,001.6	1,143,439.9	1,136,439.5	1,175,503.6	1,161,687.6	1,168,194.1	1,243,853.7	1,261,185.1	1,333,987.6	14,111,428.1
Crude Oil Medium	428,623.0	397,467.0	453,874.7	446,611.1	463,942.5	437,627.6	444,952.8	443,648.1	422,959.4	442,719.7	438,979.9	456,683.0	5,278,088.8
Crude Oil Heavy	166,819.9	153,556.2	172,039.2	171,836.9	173,746.9	167,029.3	179,593.3	186,801.0	180,257.3	176,567.5	175,296.0	178,003.5	2,081,547.0
Crude Oil Ultra Heavy	374,588.1	343,410.4	386,312.8	362,735.7	363,343.0	361,137.1	375,797.9	375,939.3	360,314.8	366,059.2	365,651.7	368,774.6	4,404,064.6
Total Conventional Oil Production	2,113,203.4	1,945,048.0	2,186,575.3	2,100,185.3	2,144,472.3	2,102,233.5	2,175,847.6	2,168,076.0	2,131,725.6	2,229,200.1	2,241,112.7	2,337,448.7	25,875,128.5
Condensate Production	279,076.5	247,715.3	271,124.4	293,078.3	319,016.0	289,683.4	316,360.4	287,330.1	344,004.0	368,854.9	339,484.2	338,538.8	3,694,266.3
Oil Sands Production													
Non-Upgraded													
In Situ Production	7,781,281.6	7,001,986.5	7,698,378.4	6,786,714.5	6,645,911.1	6,922,239.0	7,513,460.1	7,894,832.4	7,670,158.3	7,989,491.7	7,844,040.8	8,169,621.1	89,918,115.5
Mined Production	6,850,234.2	6,362,859.9	5,830,088.7	4,620,783.8	5,774,255.4	5,622,426.6	6,558,418.7	7,266,316.6	5,860,625.3	5,388,154.4	6,762,749.9	7,130,845.0	74,027,758.5
Sent for Further Processing	(6,545,406.7)	(5,892,461.7)	(5,482,039.3)	(4,039,371.8)	(5,027,251.6)	(5,258,865.7)	(5,969,115.3)	(6,649,546.2)	(5,471,271.4)	(5,085,746.9)	(6,069,679.0)	(6,840,960.7)	(68,331,716.3)
Non-Upgraded Total	8,086,109.1	7,472,384.7	8,046,427.8	7,368,126.5	7,392,914.9	7,285,799.9	8,102,763.5	8,511,602.8	8,059,512.2	8,291,899.2	8,537,111.7	8,459,505.4	95,614,157.7
Upgraded Production	5,681,816.8	5,130,242.0	4,751,565.7	3,513,959.0	4,423,191.8	4,614,780.7	5,171,331.4	5,818,959.5	4,810,801.6	4,436,681.7	5,161,787.6	6,045,510.6	59,560,628.4
Total Oil Sands Production	13,767,925.9	12,602,626.7	12,797,993.5	10,882,085.5	11,816,106.7	11,900,580.6	13,274,094.9	14,330,562.3	12,870,313.8	12,728,580.9	13,698,899.3	14,505,016.0	155,174,786.1
<b>Total Production</b>	16,160,205.8	14,795,390.0	15,255,693.2	13,275,349.1	14,279,595.0	14,292,497.5	15,766,302.9	16,785,968.4	15,346,043.4	15,326,635.9	16,279,496.2	17,181,003.5	184,744,180.9
<b>Receipts</b>													
Pentanes Plus - Plant/Gathering Process	681,256.4	607,010.3	729,305.6	680,362.7	736,798.8	749,762.0	789,238.6	704,126.2	757,710.8	814,895.3	853,962.4	901,322.8	9,005,751.9
Pentanes Plus - Fractionation Yield	242,742.2	224,967.6	229,111.1	215,137.3	215,464.3	206,558.8	275,002.8	274,485.7	244,316.9	284,747.3	269,120.1	262,823.1	2,944,477.2
Skim Oil Recovered	13,371.6	13,103.2	14,295.0	13,286.6	13,691.2	14,479.8	30,245.9	12,794.0	12,842.7	13,721.3	14,852.9	14,065.6	180,749.8
Waste Plant Receipts	28,245.8	25,910.5	32,237.6	23,944.0	28,752.0	25,559.0	23,609.7	23,625.0	29,276.8	25,588.7	25,963.8	27,187.2	319,900.1
Other Alberta Receipts	652,538.9	414,191.2	623,612.1	630,917.5	578,098.4	545,389.0	562,103.5	609,716.9	458,578.3	645,115.8	631,243.1	550,454.9	6,901,959.6
Butanes reported as Crude Oil or Equivalent	171,422.6	160,559.7	178,737.3	178,986.7	166,490.9	157,016.9	162,974.8	163,381.5	156,492.3	178,006.3	172,558.5	171,489.5	2,018,117.0
NGL reported as Crude Oil or Equivalent	247.3	264.6	355.7	389.5	402.0	437.1	701.2	499.2	535.4	491.2	598.0	532.0	5,453.2
Imports													
Pentanes Plus	8,936.3	1,692.9	1,785.5	1,984.6	1,815.3	1,422.4	1,931.9	1,594.4	1,930.2	1,880.1	3,528.7	4,336.0	32,838.3
Condensates	258,738.5	236,625.8	250,341.3	233,963.4	202,738.0	163,364.8	263,138.7	306,519.0	311,524.1	334,624.5	351,028.7	407,406.3	3,320,013.1
Oil	890,517.1	809,089.6	913,943.0	895,457.8	857,508.4	839,149.2	851,428.6	870,204.1	826,385.3	877,106.9	830,674.2	828,499.0	10,289,963.2
Synthetic Crude Oil	280,414.9	247,039.0	263,076.8	261,278.3	178,714.7	-	256,651.0	305,139.9	288,270.4	274,325.6	260,126.5	291,057.5	2,906,094.6
Total Imports	1,438,606.8	1,294,447.3	1,429,146.6	1,392,684.1	1,240,776.4	1,003,936.4	1,373,150.2	1,483,457.4	1,428,110.0	1,487,937.1	1,445,358.1	1,531,298.8	16,548,909.2
<b>Total Receipts</b>	3,228,431.6	2,740,454.4	3,236,801.0	3,135,708.4	2,980,474.0	2,703,139.0	3,217,026.7	3,272,085.9	3,087,863.2	3,450,503.0	3,413,656.9	3,459,173.9	37,925,318.0
Flare or Waste Fuel	182,052.8	171,162.3	173,583.8	146,985.7	166,199.1	153,174.0	177,310.8	182,202.1	164,417.6	146,481.2	176,020.7	182,978.3	2,022,568.4
	65,226.1	53,379.9	44,633.0	34,442.6	40,394.8	37,547.6	47,825.0	54,882.8	46,092.9	49,987.0	68,964.9	71,970.0	615,346.6

Shrinkage	219,594.0	194,198.6	227,538.8	212,404.8	219,208.5	220,837.9	236,807.4	218,040.8	231,857.9	246,021.2	259,460.7	273,012.3	2,758,982.9
Closing Inventory	9,840,174.7	9,986,889.7	9,731,426.7	8,740,779.0	8,503,271.0	8,534,210.4	8,828,622.9	9,349,233.2	9,025,278.7	9,014,394.4	10,205,608.9	10,656,163.8	10,656,163.8
Adjustments	(24,034.2)	(28,363.1)	(188,876.3)	40,542.3	(23,177.8)	(166,968.8)	(25,463.7)	(176,224.7)	(159,596.5)	(36,316.9)	420,250.5	(13,452.1)	(381,681.3)
<b>TOTAL OIL &amp; EQUIVALENT SUPPLY</b>	<b>18,599,262.9</b>	<b>16,942,025.5</b>	<b>18,113,325.3</b>	<b>17,048,359.0</b>	<b>17,048,596.8</b>	<b>16,386,024.6</b>	<b>18,201,510.2</b>	<b>18,906,093.6</b>	<b>18,155,609.2</b>	<b>18,309,216.9</b>	<b>18,417,739.3</b>	<b>19,648,160.3</b>	<b>215,775,923.6</b>

Run Date: 28 February 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date 2017
<b>DISPOSITION</b>													
<b>Alberta Use</b>													
Alberta Injection and well use	177.9	70.0	135.2	45.8	4,146.4	16,784.0	39,977.7	20,866.2	10,474.2	12,787.9	22,590.7	16,768.1	144,824.1
Alberta Refinery Sales	2,357,972.9	2,188,197.8	2,251,476.9	1,939,147.7	2,140,554.2	2,105,539.1	2,266,317.2	2,466,387.4	2,407,024.1	2,385,995.7	2,256,431.5	2,460,947.4	27,225,991.9
Waste Plant Use	23,303.4	21,216.1	26,514.6	20,933.8	26,618.1	22,052.2	19,294.0	21,689.8	26,035.4	22,285.4	22,760.0	23,056.2	275,759.0
Plant Use	29,854.9	12,422.1	12,007.5	5,662.7	6,017.3	26,787.3	26,408.9	16,857.1	24,293.6	605.4	8,584.0	25,761.3	195,262.1
Line Fill	32.9	1.1	1.7	175.2	463.9	-	-	3,261.1	1,547.3	953.3	-	3,725.1	10,161.6
Load Fluid	(2,705.9)	(247.8)	(1,114.2)	1,150.2	(1,930.9)	(417.8)	1,962.6	258.0	(361.0)	(911.5)	(1,075.5)	(136.8)	(5,530.6)
Alberta Other Sales	290,831.7	348,008.4	384,873.6	370,132.0	367,176.1	283,571.0	361,095.7	417,328.4	343,134.8	365,533.0	355,925.8	397,587.0	4,285,197.5
<b>Total Alberta Use</b>	<b>2,699,467.8</b>	<b>2,569,667.7</b>	<b>2,673,895.3</b>	<b>2,337,247.4</b>	<b>2,543,045.1</b>	<b>2,454,315.8</b>	<b>2,715,056.1</b>	<b>2,946,648.0</b>	<b>2,812,148.4</b>	<b>2,787,249.2</b>	<b>2,665,216.5</b>	<b>2,927,708.3</b>	<b>32,131,665.6</b>
<b>Removals from Alberta</b>	<b>16,473,461.8</b>	<b>14,766,386.6</b>	<b>15,996,941.9</b>	<b>15,312,906.6</b>	<b>15,054,136.3</b>	<b>14,334,289.3</b>	<b>15,791,367.4</b>	<b>16,434,103.1</b>	<b>15,726,642.1</b>	<b>15,934,375.2</b>	<b>15,538,016.4</b>	<b>17,029,191.8</b>	<b>188,391,818.5</b>
<b>m3/day</b>	<b>531,402.0</b>	<b>527,371.0</b>	<b>516,030.4</b>	<b>510,430.2</b>	<b>485,617.3</b>	<b>477,809.6</b>	<b>509,398.9</b>	<b>530,132.4</b>	<b>524,221.4</b>	<b>514,012.1</b>	<b>517,933.9</b>	<b>549,328.8</b>	<b>516,140.7</b>
Reporting Adjustment as percent	(573,666.7) -3.08%	(394,028.8) -2.33%	(557,511.9) -3.08%	(601,795.0) -3.53%	(548,584.6) -3.22%	(402,580.5) -2.46%	(304,913.3) -1.68%	(474,657.5) -2.51%	(383,181.3) -2.11%	(412,407.5) -2.25%	214,506.4 1.16%	(308,739.8) -1.57%	(4,747,560.5) -2.20%
<b>TOTAL OIL &amp; EQUIVALENT DISPOSITION</b>	<b>18,599,262.9</b>	<b>16,942,025.5</b>	<b>18,113,325.3</b>	<b>17,048,359.0</b>	<b>17,048,596.8</b>	<b>16,386,024.6</b>	<b>18,201,510.2</b>	<b>18,906,093.6</b>	<b>18,155,609.2</b>	<b>18,309,216.9</b>	<b>18,417,739.3</b>	<b>19,648,160.3</b>	<b>215,775,923.6</b>

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