

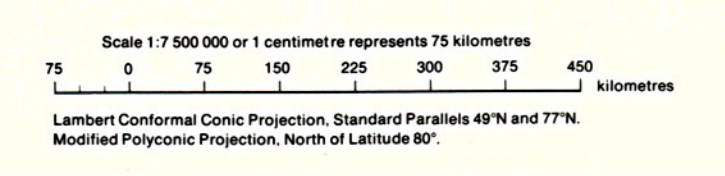
CANADA DRAINAGE BASINS

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DRAINAGE BASIN AREAS (Drainage Basin Areas in km²) (Areas in the U.S.A. shown in brackets)

ARCTIC OCEAN DRAINAGE
Canada: 3 583 300 km²

MACKENZIE	1 805 200
Peel River	73 600
Great Bear River	152 000
Laird River	277 100
SOUTH WATKINS RIVER	38 500
FORT NELSON RIVER	55 800
GREAT SLAVE LAKE	955 700
Slave River	616 400
Peace River	302 500
SANDY RIVER	51 300
WILLISTON LAKE	69 900
LAKE ATHABASCA	162 100
Athabasca River	85 200
Fond du Lac River	66 800
BACK	106 500

ATLANTIC OCEAN DRAINAGE
Canada: 1 520 000 km² (U.S.A.: 523 900 km²)

NASKAPI	18 100
CHURCHILL	79 800
ATKONAM RIVER	21 000
ASHMAN RIVER	17 900
ST-AUGUSTIN	9 900
LITTLE NECAHNA	19 600
NATASHOUAN	16 100
ROMAINE	14 300
SAINTE-LAWRENCE	839 200 (505 000)
Rivière Manicouagan	19 200
Rivière aux Outardes	19 000
Rivière des Millepieds	18 700
Saguenay River	88 100
RIVIÈRE CHAMOUCHOUANE	15 700
Rivière Péribonca	20 200
Rivière Mistassin	21 900
Rivière St-Maurice	43 300
Rivière Richouville	3 800 (19 600)
Rivière Richouville	146 300
Rivière Gatineau	25 700
GREAT LAKES	318 600 (461 600)
Lake Superior	112 700 (97 100)
Lake Michigan	175 900
Lake Huron	128 200 (65 500)
Lake Erie	36 500 (67 300)
Lake Ontario	41 200 (45 800)
SAINT JOHN	35 500 (19 700)

PACIFIC OCEAN DRAINAGE
Canada: 1 009 100 km² (U.S.A.: 1 084 700 km²)

YUKON	323 800 (515 400)
PORCUPINE RIVER	61 400 (56 500)
STEWART RIVER	51 000
PELLY RIVER	51 000
WHITE RIVER	38 800 (12 500)
TESLIN RIVER	25 500
TAKU	27 500 (2 300)
STIKINE	49 800 (1 800)
ISKUT RIVER	—
NASS	21 100
SKEENA	54 400
WANNACK	5 900
FRASER	232 300 (800)
NECHAKO RIVER	47 100
THOMPSON RIVER	55 400
North Thompson River	20 700
South Thompson River	27 800
HARRISON RIVER	6 400
COLUMBIA	102 800 (568 300)
KOOTENAY RIVER	37 700 (12 600)

HUDSON BAY DRAINAGE
Canada: 3 861 400 km² (U.S.A.: 1 800 000 km²)

GEORGE	41 700
BALEINE	31 900
KOKSOAK	133 400
RIVIÈRE AUX MÉLÈZES	42 700
RIVIÈRE CANAPISCAU	89 800
Rivière Natchipagan	6 200
FEUILLES	43 300
ARNAUD	49 300
POVUNGITUK	28 300
BALEINE, GRANDE	43 700
LA GRANDE	97 400
EASTMAIN	46 400
RUPERT	43 300
BROADBACK	20 800
NOTTAWA	43 800
HARRICANAW	29 300
MOOSE	108 500
ARBIT RIVER	29 500
MATTAGAM RIVER	27 500
MISSISSAUBI RIVER	23 500
ALBANY	135 200
KENCQAM RIVER	50 800
ATTAWAPISKAT	50 500
WINISK	67 300
SEVERN	102 800
HAYES	108 000
GODS RIVER	71 400
NELSON	892 300 (180 000)
LAKE WINNIPEG	802 500 (180 000)
SASKATCHEWAN RIVER	234 100 (1 800)
North Saskatchewan River	122 800
BATTLE RIVER	20 300
South Saskatchewan River	144 300 (1 800)
OLDMAN RIVER	26 700 (1 800)
ROW RIVER	26 200
RED DEER RIVER	48 100
RED RIVER	128 600 (148 900)
Assiniboine River	180 800 (21 400)
SOURIS RIVER	16 400 (21 400)
QU'APPELLE RIVER	11 000
WINNIPEG RIVER	106 500 (29 300)
English River	82 300
Rainy River	53 900
CHURCHILL	281 300
REINDEER RIVER	58 800
SEAL	50 000
THLON	143 400
Doubtless	57 500
KAZAN RIVER	71 500



MAJOR DRAINAGE DIVERSIONS
Transfers affecting Canadian waters with mean annual diverted flow of 28 cubic metres per second (1 000 cubic feet per second) and over.

IDENT. NUMBER	SOURCE BASIN	RECEIVING BASIN	MEAN ANNUAL DIVERTED FLOW m ³ /s	PERCENTAGE OF TOTAL FLOW DIVERTED ¹	AREA km ²	PURPOSE
BRITISH COLUMBIA						
1	Mechako River (Fraser R.)	Kelano River	103	34	13 986	Power
2	Bridge River (Fraser R.)	Seton Lake (Fraser R.)	93	98	3 650	Power
3	Squamish River (Squamish R.)	Squamish River	37	77	710	Power
SASKATCHEWAN						
4	Tato Lake (Great Slave L., Mackenzie R.)	Charlot River (L. Athabasca, Mackenzie R.)	31	—	8 702	Power
MANITOBA						
5	Southern Indian Lake (Churchill R.)	Rat River (Burdwood R., Nelson R.)	760	70	249 239	Power
6	Assiniboine River (Nelson R.)	Lake Manitoba (Nelson R.)	708 ²	n/a	n/a	Flood control
ONTARIO						
7	Lake St. Joseph (Albany R.)	Root River (Winnipeg R., Nelson R.)	87	90	12 328	Power
8	Ogoki River (Albany R.)	Little Jackfish River (L. Nipigon, L. Superior, St. Lawrence R.)	121	85	13 970	Power
9	Long Lake (Hogans R., Albany R.)	Agassabon River (L. Superior, St. Lawrence R.)	39	80	4 377	Power
11	Lake Erie (St. Lawrence R.)	Lake Ontario (St. Lawrence R.)	221	n/a	n/a	Power, Navigation
QUEBEC						
12	Rivière Opinaua (St. Estienne R.)	Lac Boyd (La Grande R.)	850	92	40 274	Power
13	Rivière Estmain (R. Kossaua)	Rivière Laforce (La Grande R. via Grande rivière de la Baleine)	790	45	38 120	Power
14	Grande rivière de la Baleine	Rivière Laforce (La Grande R.)	29	5	1 710	Power
NEWFOUNDLAND						
15	Naskapi River (Churchill R.)	Smallwood Reservoir (Churchill R.)	334	35	11 355	Power
NEW BRUNSWICK						
16	Victoria River (Espoir)	White Bear River	37	—	1 057	Power
17	White Bear River	Grey River	40	60	1 181	Power
18	Grey River	Salmon River	33	41	971	Power
19	Salmon River	Northwest Brook (Bay d'Espoir)	79	—	2 694	Power
UNITED STATES OF AMERICA						
10	Lake Michigan, Chicago River (St. Lawrence R.)	Des Plaines River (Mississippi R.)	91	n/a	n/a	Power, Navigation, Sewage dilution

ABBREVIATIONS:
m³/s - cubic metres per second
km² - square kilometres
n/a - not applicable
— - data unavailable

NOTES:
1. Figures are approximate and subject to revision. Data as of 1984.
2. Mean annual diverted flow as a percentage of mean annual flow of source stream at point of diversion.
3. Channel capacity; used only under extreme flood conditions.

DRAINAGE BASINS

DRAINAGE DIVIDE
Green Drainage Area
Major River Basin
Component Basin of Major River
Internal Drainage Area
Diverted Drainage Area

OCEAN DRAINAGE AREA
Atlantic Ocean
St. Lawrence
Other Major Basins
Hudson Bay
Other Major Basins
Arctic Ocean
Mackenzie
Other Major Basins

PACIFIC OCEAN
Seaboard
Yukon
Fraser
Other Major Basins
GULF OF MEXICO

NOTES AND DEFINITIONS
Drainage Divide: Surface area bounded peripherally by a drainage divide, that is occupied by a drainage system or that contributes surface water to that system.
Basin: River basin/component basin selection is based on the criterion of mean annual discharge at mouth or confluence of 280 cubic metres per second (10 000 cubic feet per second) and over. Because of the large areal extent and the critical nature of the water supply provided by some tributaries of the Nelson River in the southern Prairie Provinces, drainage areas are also delineated for the following rivers that do not meet this discharge criterion: Assiniboine, Qu'Appelle, Souris, Battle, Red Deer, Bow, Oldman.
Basins of rivers with a mean annual discharge at the mouth of 2 800 cubic metres per second (100 000 cubic feet per second) and over are differentiated by colour.
Summit or boundary line separating headstreams tributary to adjacent drainage divides.
Internal Drainage Area: Area occupied by a drainage system or that contributes surface water to a drainage system with no outlet to the ocean.
Diverted Drainage Area: Area in one drainage basin or sub-basin from which water is artificially withdrawn (by ditch, canal, pipeline or other means) for use in another.
All diversions affecting Canadian waters for which the mean annual diverted flow is 28 cubic metres per second (1 000 cubic feet per second) and over are indicated on this map. (Data as of 1984).

Scientific advice for diversion information was provided by F.J. Quinn, Inland Waters Directorate, Environment Canada. The data for the area of the drainage basins was provided by D.W. Kirk, Inland Waters Directorate, Environment Canada.
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Cartography by Cartography and Toponymy, Geographical Services Division, Surveys and Mapping Branch, Energy, Mines and Resources Canada.