Groundwater recharge map of Bayfield County, Wisconsin

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Hydrogeologic atlas of Bayfield County, Wisconsin
Technical Report 005 • Plate 4 • 2019

BAYFIELD COUNTY
LAKE SUPERIOR
CHEQUAMEGON BAY
N
W
E
S
47°00′ N
91°00′ W
91°15′ W
91°30′ W
46°45′ N
46°30′ N
46°15′ N
T52N
T51N
T50N
T49N
T48N
T47N
T46N
T45N
T44N
T43N
R9W
R8W
R7W
R6W
R5W
R4W
R3W
Bark Point
Sand Bay
Red Cliff
Bayfield
Pureair
Salmo
Sioux
Washburn
Barksdale
Ashland Junction
Herbster
Cornucopia
Port Wing
Bibon Lake
Siskiwit Lake
Orienta Flowage 148
Oulu
Muskeg
Iron River
Topside
Moquah
Ino
Benoit
Wills
Delta
Pike River
Sutherland
Mason
Grand View
Drummond
Cable
Radspur
Leonards
Namekagon
RUSSELL
BAYFIELD
BELL
CLOVER
PORT WING
BAYVIEW
ORIENTA
WASHBURN
TRIPP
OULU
BARKSDALE
PILSEN
IRON RIVER
HUGHES
EILEEN
KEYSTONE
DELTA
MASON
KELLY
LINCOLN
GRANDVIEW
DRUMMOND
BARNES
CABLE
NAMAKAGON
Raspberry River
Racket Creek
Sand River
Siskiwit River
Lost Creek Number One
Lost Creek Number Two
Lost Creek Number Three
Pikes Creek
North
Little Sioux River
Onion River
River
Fourmile Creek
Sioux
Thompson Cr
Bono Creek
Boyd Creek
North Fork
Whittlesey Creek
Bark River
Cranberry River
East Fork
Flag River
Larson Cr
East Fork
Flag River
Fish Creek
Reefer Creek
Iron River
Kolin Cr
East Fork Iron River
Hill Cr
Middle Cr
Schacte Cr
DeChamps Cr
Muskeg Creek
Pine Creek
North Fish Creek
Fish Creek
South
Schramm Creek
White River
Spring Creek
Bibion Marsh
Kern Creek
Bolen Cr
White
Hanson Cr
Johnson Cr
Branch Creek
Jader Cr
Eighteenmile Creek
Twentymile Creek
Morgan Creek
Marengo River
Jackson Cr
Ramstead Creek
Long Lake Branch
Owen
Twin Creek
Mulligan Cr
Otter Creek
Cole Creek
Hills Mill Cr
Big Brook
Fivemile Cr
Cap Creek
Spring Cr
Castle Creek
Ghost Creek
West Fork Chippewa River
Bladder Lake
Long Lake
Fire Lake
Loon Lake
Topside Lake
Mill Pond Lake
Deep Lake
Crystal Lake
Moon Lake
Half Moon Lake
Spider Lake
Mullenhoff Lake
Bismarck Lake
Iron L
Ahmeek Lake
Buskey Bay
Lake Millicent
Hart Lake
Crooked Lake
Five Island Lake
Finger Lake
Spider L
Lake Ruth
Twin Bear Lake
Eagle Lake
Muskellunge Lake
Phantom Lake
Hildur Lake
Lake Delta
Hay L
Canthook Lake
Basswood Lake
Bass Lake
Bellevue Lake
Kern Lake
Wilderness Lake
Perch Lake
Star Lake
Arrowhead Lake
Esox Lake
Cisco Lake
Armstrong Lake
Flynn Lake
Long Lake
Drummond Lake
Pigeon Lake
Mill Pond Lake
Island Lake
George L
Sand Bar L
Ellison Lake
Kelly Lake
Twin Lake
Pickerel Lake
Robinson Lake
Sweet Lake
Bony L
Birch L
Upper Eau Claire Lake
Middle Eau Claire Lake
Lower Eau Claire Lake
Cranberry Lake
Bass Lake
Porcupine Lake
Lake Knotting
Diamond Lake
Northeast Lake
Lake Owen
Sugar Bush Lake
Hammil Lake
Samoset Lake
Lake Wilipyro
Lake Tahkodah
Rosa Lake
Wiley Lake
Price Lake
Perry Lake
Twin Lakes
Totagatic L
Club Lake
Bass Lake
Atkins Lake
Trapper Lake
Taylor Lake
Cranberry Lake
Little Bass Lake
Namekagon Lake
Coffee Lake
Indian Lake
Marengo Lake
Chippewa Lake
Ghost Lake
Dells Lake
White Bass Lake
Lake Five
McCloud Lake
Patsy L
Buffalo Lake
13
2
63
137
118
27
A
C
E
H
J
DOUGLAS CO
ASHLAND CO
SAWYER CO

Estimated annual recharge (inches per year)

🟨	<3
▨	3–6
🟩	6–9
🟩	9–12
🟦	12–15
🟦	>15

The extent of the mapped theme does not include islands in Lake Superior.
Study methodology and results are documented in the accompanying report.

Scale 1:100,000

1 0 1 2 3 4 5 6 7 8 9 10
KILOMETERS

1 0 1 2 3 4 5
MILES

Wisconsin Transverse Mercator projection,
1991 Adjustment to the North American Datum of 1983 (NAD 83/91).

The map is an interpretation of the data available at the time of preparation. Every reasonable effort has been made to ensure that this interpretation conforms to sound scientific and cartographic principles; however, the map should not be used to guide site-specific decisions without verification. Proper use of the map is the sole responsibility of the user.

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Map base modified from U.S. Geological Survey, The National Map digital data, US TOPO map series, 2016; and the Wisconsin Department of Natural Resources, 2016.

Cartography by K. C. Roushar