U.S. Department of the Interior
U.S. Geological Survey

In cooperation with the
Wisconsin Department of Transportation

Water-Resources Investigations Report 03-4250
Flood-Frequency Characteristics of Wisconsin Streams
by J.F. Walker and W.R. Krug
Plate 2

93° 92° 91° 90° 89° 88° 87°

47° 46° 45° 44° 43°

LAKE SUPERIOR

MINNESOTA

MICHIGAN

IOWA

ILLINOIS

LAKE MICHIGAN

0 50 100 MILES

0 50 100 KILOMETERS

BAYFIELD
DOUGLAS
ASHLAND
IRON
VILAS
FLORENCE
BURNETT
WASHBURN
SAWYER
ONEIDA
FOREST
MARINETTE
POLK
RUSK
PRICE
BARRON
LINCOLN
LANGLADE
OCONTO
CHIPPEWA
TAYLOR
MENOMINEE
ST. CROIX
DUNN
DOOR
MARATHON
SHAWANO
PIERCE
CLARK
EAU CLAIRE
PEPIN
KEWAUNEE
WAUPACA
TREMPEALEAU
BUFFALO
WOOD
PORTAGE
BROWN
OUTAGAMIE
JACKSON
WINNEBAGO
WAUSHARA
CALUMET
MANITOWOC
ADAMS
MARQUETTE
LA CROSSE
MONROE
JUNEAU
FOND DU LAC
GREEN LAKE
SHEBOYGAN
VERNON
RICHLAND
COLUMBIA
DODGE
OZAUKEE
SAUK
CRAWFORD
WASHINGTON
JEFFERSON
MILWAUKEE
DANE
WAUKESHA
GRANT
IOWA
WALWORTH
RACINE
GREEN
ROCK
LAFAYETTE
KENOSHA

EXPLANATION

Soil permeability range
(infiltration rate in inches per hour)

- < 0.05–0.2
- 0.2–0.8
- 0.8–2.5
- 2.5–5
- 5–10
- Open water
- County boundary
- Stream

Base map from U.S. Geological Survey digital data, 1:2,000,000. Soil permeability data compiled by S.C. Sneider, U.S. Geological Survey, 1978, from U.S. Department of Agriculture, 1964, and Hole and others, 1968.

Soil Permeability in Wisconsin

by J.F. Walker and W.R. Krug
2003

THE PERCENTAGE OF EACH SOIL PERMEABILITY MAY BE DETERMINED BY BACKLIGHTING THIS GRID (see page 4 in report booklet)