



ZONE X
THIS AREA PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD BY LEVEE, DIKE, OR OTHER STRUCTURE SUBJECT TO FAILURE DURING LARGER FLOODS

REVISED AREA

LEGEND

- SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD
- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of shallow fan flooding, velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal Flood Protection System under construction - no base flood elevation determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.
- FLOODWAY AREAS IN ZONE AE
- OTHER FLOOD AREAS
- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.
- OTHER AREAS
- ZONE D** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.
- UNDEVELOPED COASTAL BARRIERS**
- Identified 1983 Coastal Barrier Areas
- Identified 1990 Coastal Barrier Areas
- Otherwise Protected Areas
- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones
- Boundary Dividing Areas of Different Coastal Base Flood Elevations
- Boundary Dividing Special Flood Hazard Zones
- Base Flood Elevation Line; Elevation in feet. See Map Index for Elevation Datum.
- Cross Section Label
- Base Flood Elevation in Feet Where Limitation Within Zone. See Map Index for Elevation Datum.
- Elevation Reference Mark
- River Mile

NOTES

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for more detailed data on BFE's, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE, and V1-V30.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data table where floodway width is shown at 1/20 inch.

Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map.

This map may incorporate approximate boundaries of Coastal Boundaries Resource System Units and / or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1980 (PL 96-591).

For community map revision history prior to countywide map, see Section 6.0 of the Flood Insurance Study Report.

For adjoining map panels and base map source see separately printed Map Index.

MAP REPOSITORY
Refer to Repository Listing on Map Index

INITIAL IDENTIFICATION:
JUNE 28, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS:
OCTOBER 15, 1976

FLOOD INSURANCE RATE MAP REVISIONS:
Map revised November 15, 1985.
To change special flood hazard areas and zone B boundary, to reflect new FEMA forms, and to add floodway and cross sections.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 638-6620.



REFERENCE MARKS	ELEVATION FEET (NGVD)	DESCRIPTION OF LOCATION
RM 46	610.48	A CHISELED SQUARE ON NORTH CORNER OF CONCRETE FOUNDATION FOR 80 FOOT SIGNAL TOWER LOCATED 15 FEET WEST OF SOUTH 35TH STREET, NEAR SOUTH 35TH STREET BRIDGE OVER MEMONNEE RIVER.
RM 47	657.05	A CHISELED SQUARE IN THE SOUTHWEST CORNER OF WEST HEADWALL OF WESTERNMOST U.S. HIGHWAY 41 BRIDGE OVER THE MEMONNEE RIVER.
RM 48	633.48	A CHISELED SQUARE IN NORTHWEST CORNER OF WEST HEADWALL OF HAWLEY ROAD BRIDGE OVER THE MEMONNEE RIVER.

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF MILWAUKEE, WISCONSIN
MILWAUKEE AND WASHINGTON COUNTIES

PANEL 21 OF 40
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
550278 0021 C

MAP REVISED:
NOVEMBER 15, 1985



Federal Emergency Management Agency