

Map 1

**RAINFALL PATTERN OVER  
SOUTHEASTERN WISCONSIN:  
MAXIMUM TWO - DAY PERIOD  
JUNE 2008**

**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE
- ◆ EAGLE SPRING LAKE (APPROXIMATE LOCATION)
- ◆ GENEVA LAKE - NATIONAL ATMOSPHERIC DEPOSITION PROGRAM

**51**  
**6.05"**

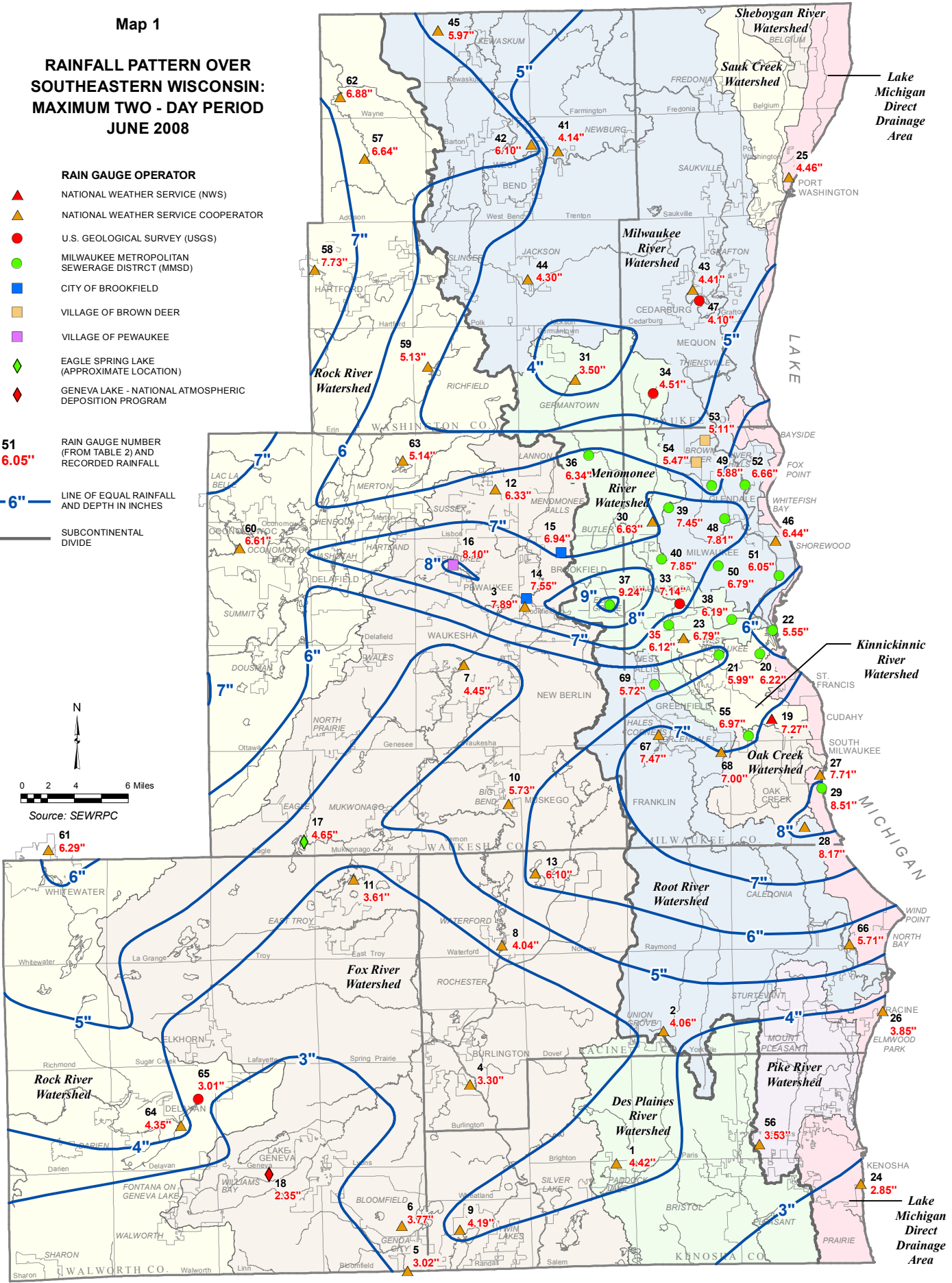
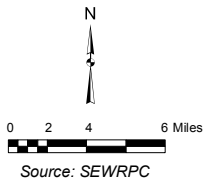
RAIN GAUGE NUMBER  
(FROM TABLE 2) AND  
RECORDED RAINFALL

**6"**

LINE OF EQUAL RAINFALL  
AND DEPTH IN INCHES

**---**

SUBCONTINENTAL  
DIVIDE



Lake Michigan  
Direct  
Drainage  
Area

Kinnickinnic  
River  
Watershed

Lake Michigan  
Direct  
Drainage  
Area

Map 2

**RAINFALL PATTERN OVER  
SOUTHEASTERN WISCONSIN:  
MAXIMUM THREE - DAY PERIOD  
JUNE 2008**

**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE
- ◆ EAGLE SPRING LAKE (APPROXIMATE LOCATION)
- ◆ GENEVA LAKE - NATIONAL ATMOSPHERIC DEPOSITION PROGRAM

**51**  
**6.14"**

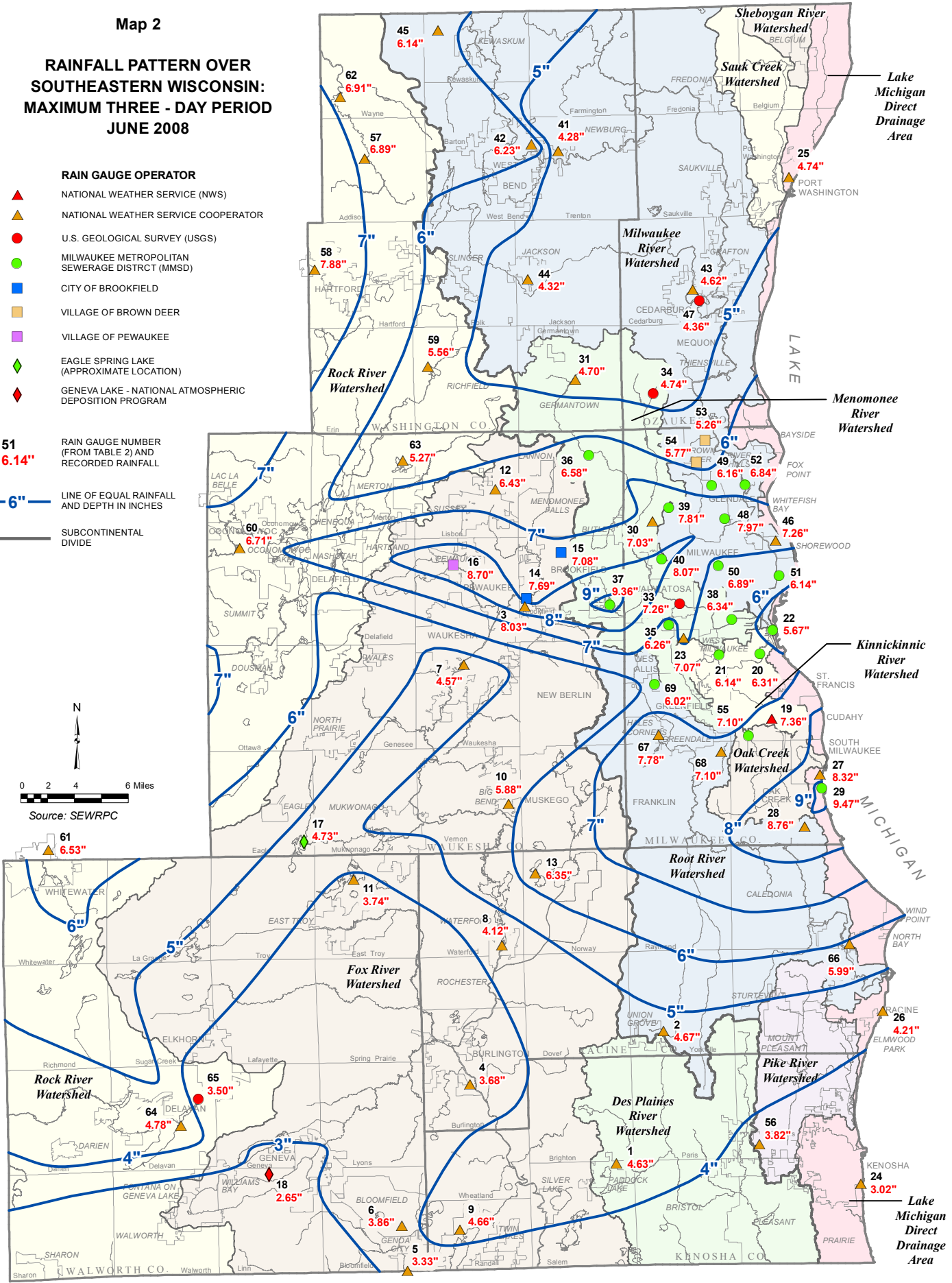
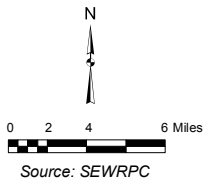
RAIN GAUGE NUMBER  
(FROM TABLE 2) AND  
RECORDED RAINFALL

**6"**

LINE OF EQUAL RAINFALL  
AND DEPTH IN INCHES

**---**

SUBCONTINENTAL  
DIVIDE



Lake Michigan Direct Drainage Area

Menomonee River Watershed

Kinnickinnic River Watershed

Oak Creek Watershed

Root River Watershed

Fox River Watershed

Rock River Watershed

Des Plaines River Watershed

Pike River Watershed

Lake Michigan Direct Drainage Area

Map 3

# RAINFALL PATTERN OVER SOUTHEASTERN WISCONSIN: MAXIMUM FIVE - DAY PERIOD JUNE 2008

## RAIN GAUGE OPERATOR

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE
- ◆ EAGLE SPRING LAKE (APPROXIMATE LOCATION)
- ◆ GENEVA LAKE - NATIONAL ATMOSPHERIC DEPOSITION PROGRAM

**51**  
**7.43"**

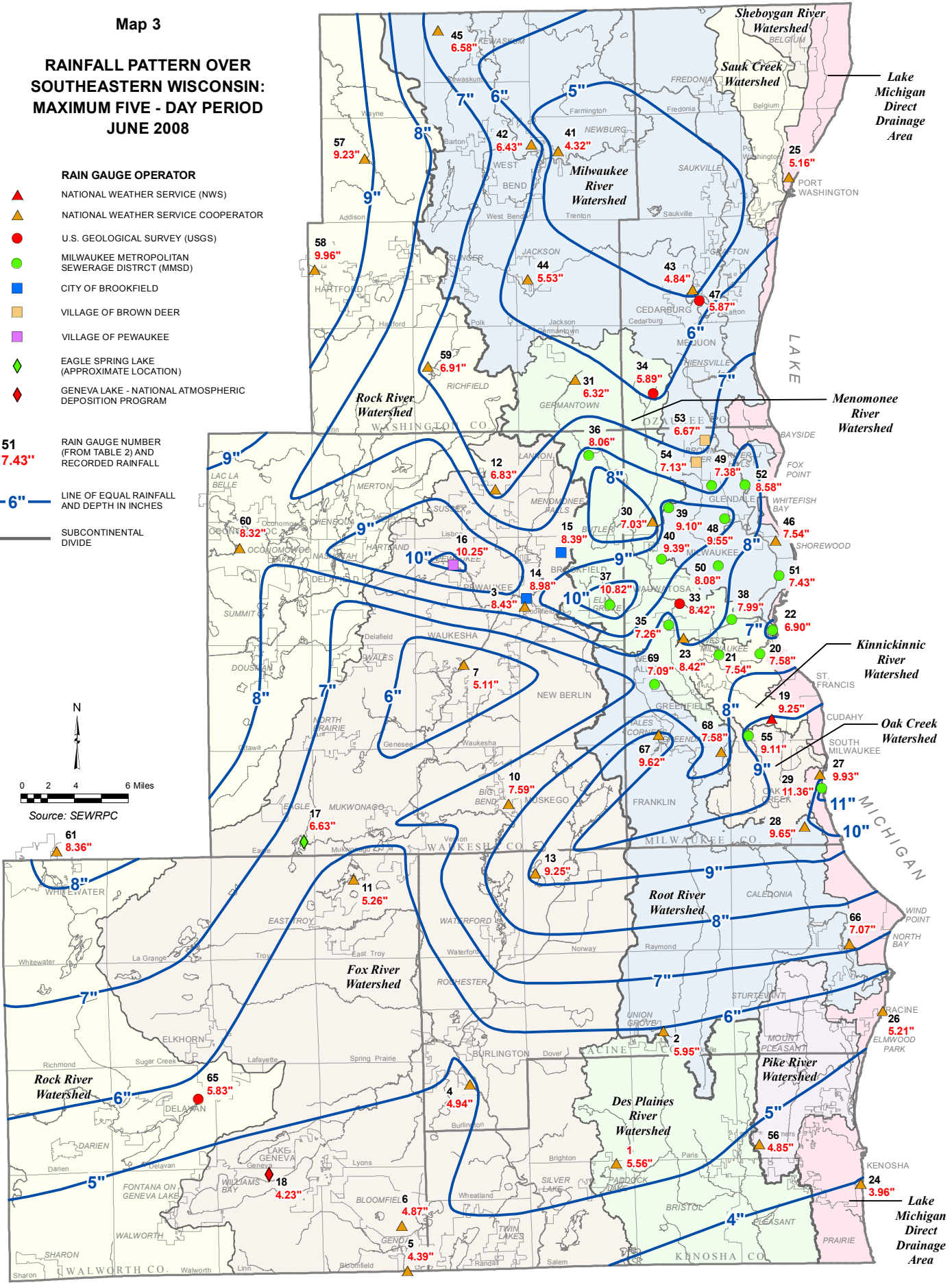
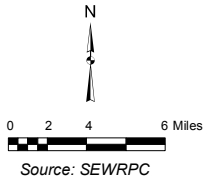
RAIN GAUGE NUMBER (FROM TABLE 2) AND RECORDED RAINFALL

**6"**

LINE OF EQUAL RAINFALL AND DEPTH IN INCHES

**---**

SUBCONTINENTAL DIVIDE





Map 4

**RAINFALL PATTERN OVER  
SOUTHEASTERN WISCONSIN:  
MAXIMUM TEN - DAY PERIOD  
JUNE 2008**

**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE
- ◆ EAGLE SPRING LAKE (APPROXIMATE LOCATION)
- ◆ GENEVA LAKE - NATIONAL ATMOSPHERIC DEPOSITION PROGRAM

**51**  
**9.16"**

RAIN GAUGE NUMBER  
(FROM TABLE 2) AND  
RECORDED RAINFALL

**6"**

LINE OF EQUAL RAINFALL  
AND DEPTH IN INCHES

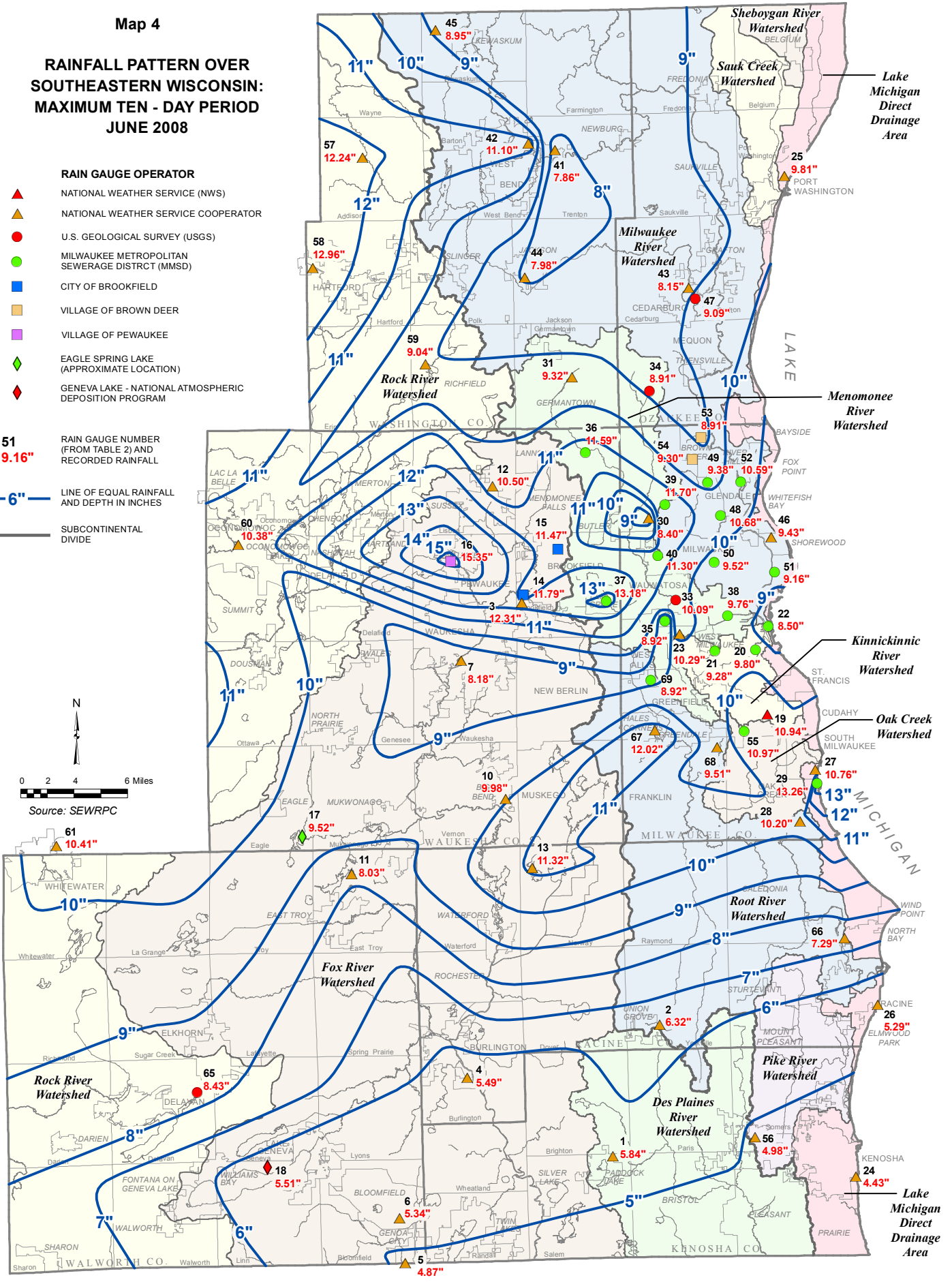
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SUBCONTINENTAL  
DIVIDE



0 2 4 6 Miles

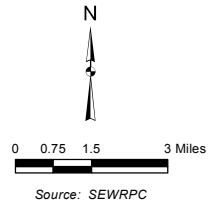
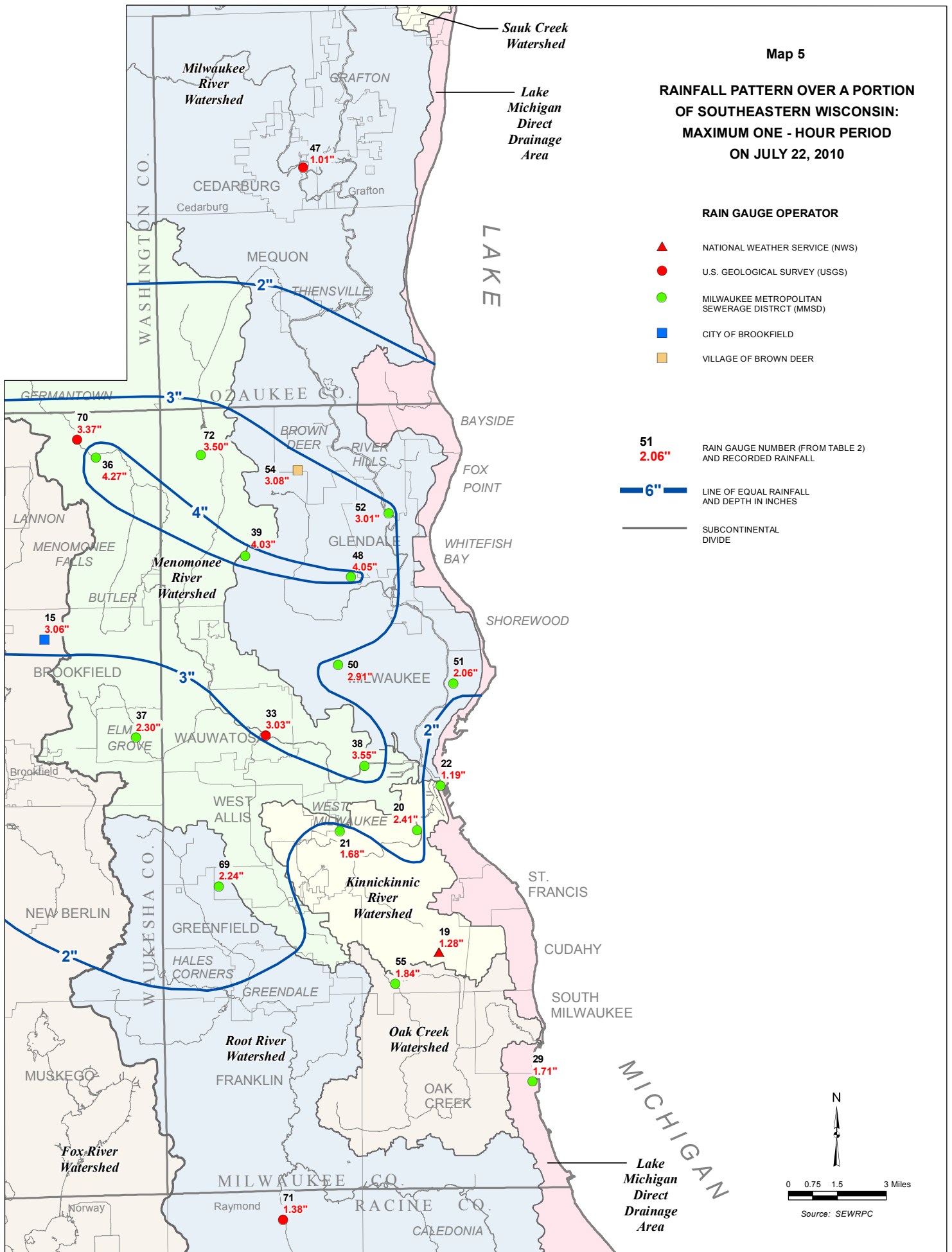
Source: SEWRPC





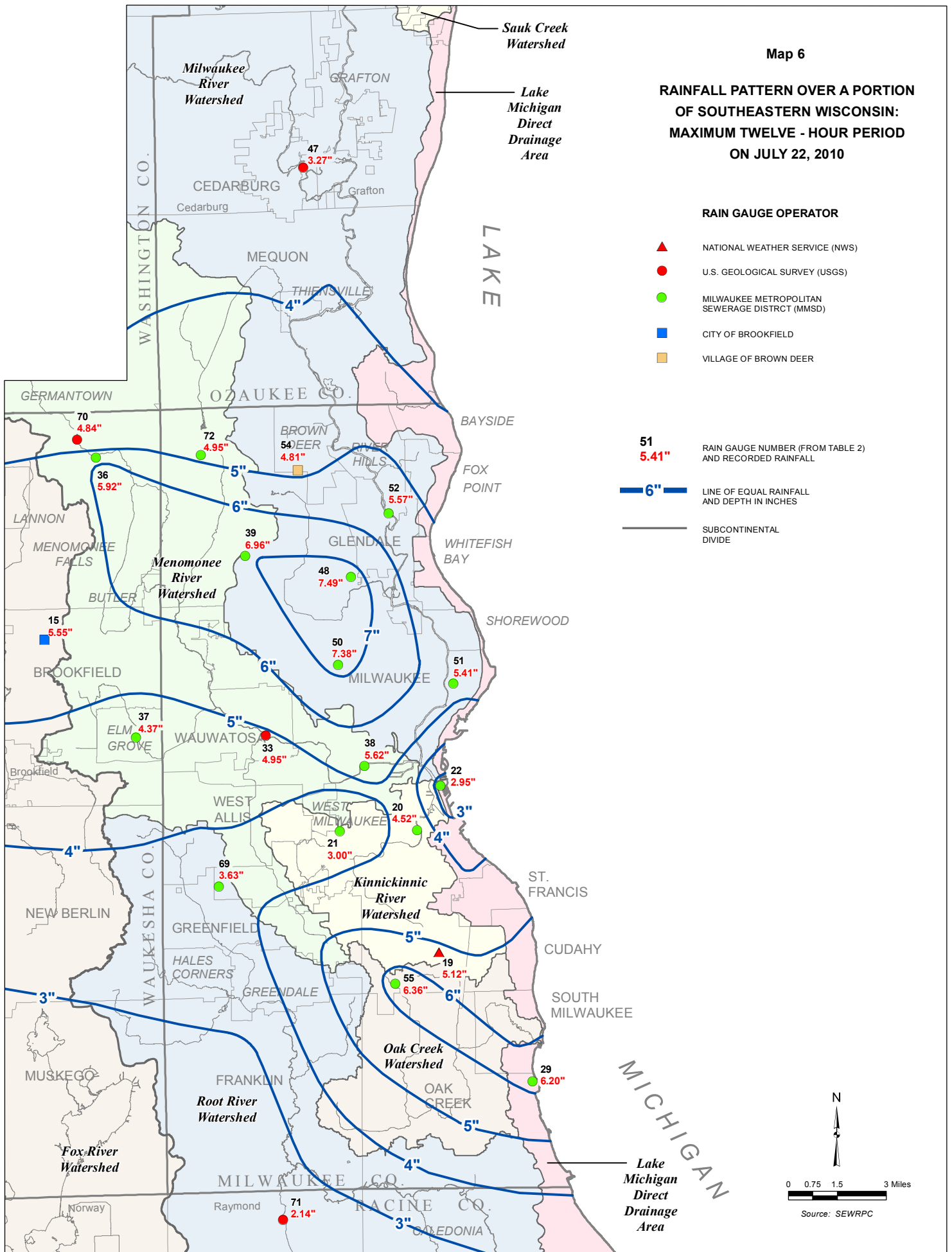
Map 5

**RAINFALL PATTERN OVER A PORTION OF SOUTHEASTERN WISCONSIN:  
MAXIMUM ONE - HOUR PERIOD  
ON JULY 22, 2010**



Map 6

**RAINFALL PATTERN OVER A PORTION OF SOUTHEASTERN WISCONSIN:  
MAXIMUM TWELVE - HOUR PERIOD  
ON JULY 22, 2010**



**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER

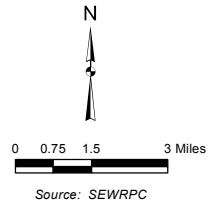
**51  
5.41"**

RAIN GAUGE NUMBER (FROM TABLE 2) AND RECORDED RAINFALL

**6"**

LINE OF EQUAL RAINFALL AND DEPTH IN INCHES

— SUBCONTINENTAL DIVIDE



Map 7

**RAINFALL PATTERN OVER  
SOUTHEASTERN WISCONSIN:  
MAXIMUM 24 - HOUR PERIOD  
ON JULY 22, 2010**

**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE

**51**  
**5.79"**

RAIN GAUGE NUMBER  
(FROM TABLE 2) AND  
RECORDED RAINFALL

**— 6" —**

LINE OF EQUAL RAINFALL  
AND DEPTH IN INCHES

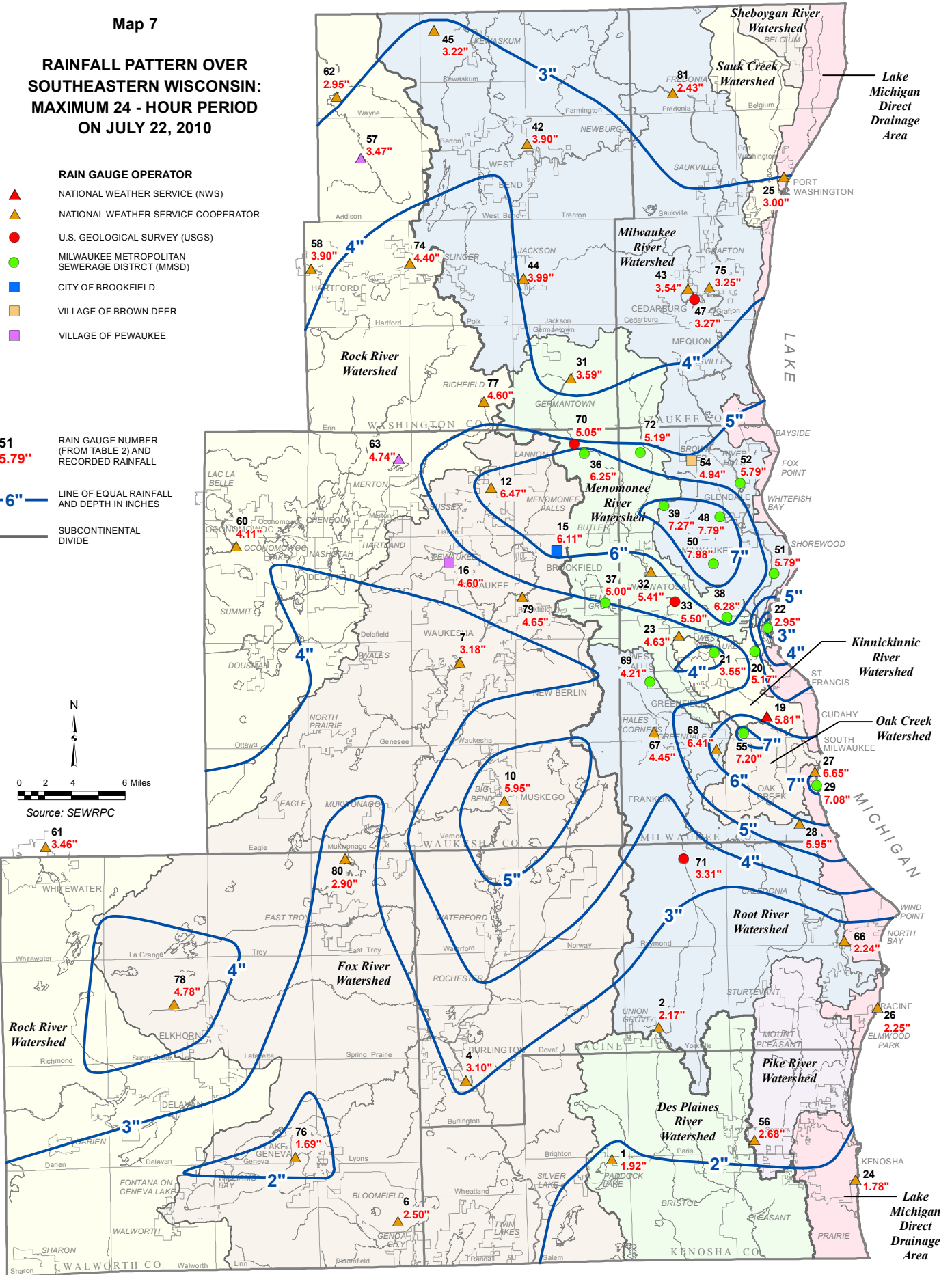
**— — —**

SUBCONTINENTAL  
DIVIDE



0 2 4 6 Miles

Source: SEWRPC





Map 8

**RAINFALL PATTERN OVER  
SOUTHEASTERN WISCONSIN:  
MAXIMUM TWO - DAY PERIOD  
JULY 2010**

**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE

**51**  
**6.77"** RAIN GAUGE NUMBER (FROM TABLE 2) AND RECORDED RAINFALL

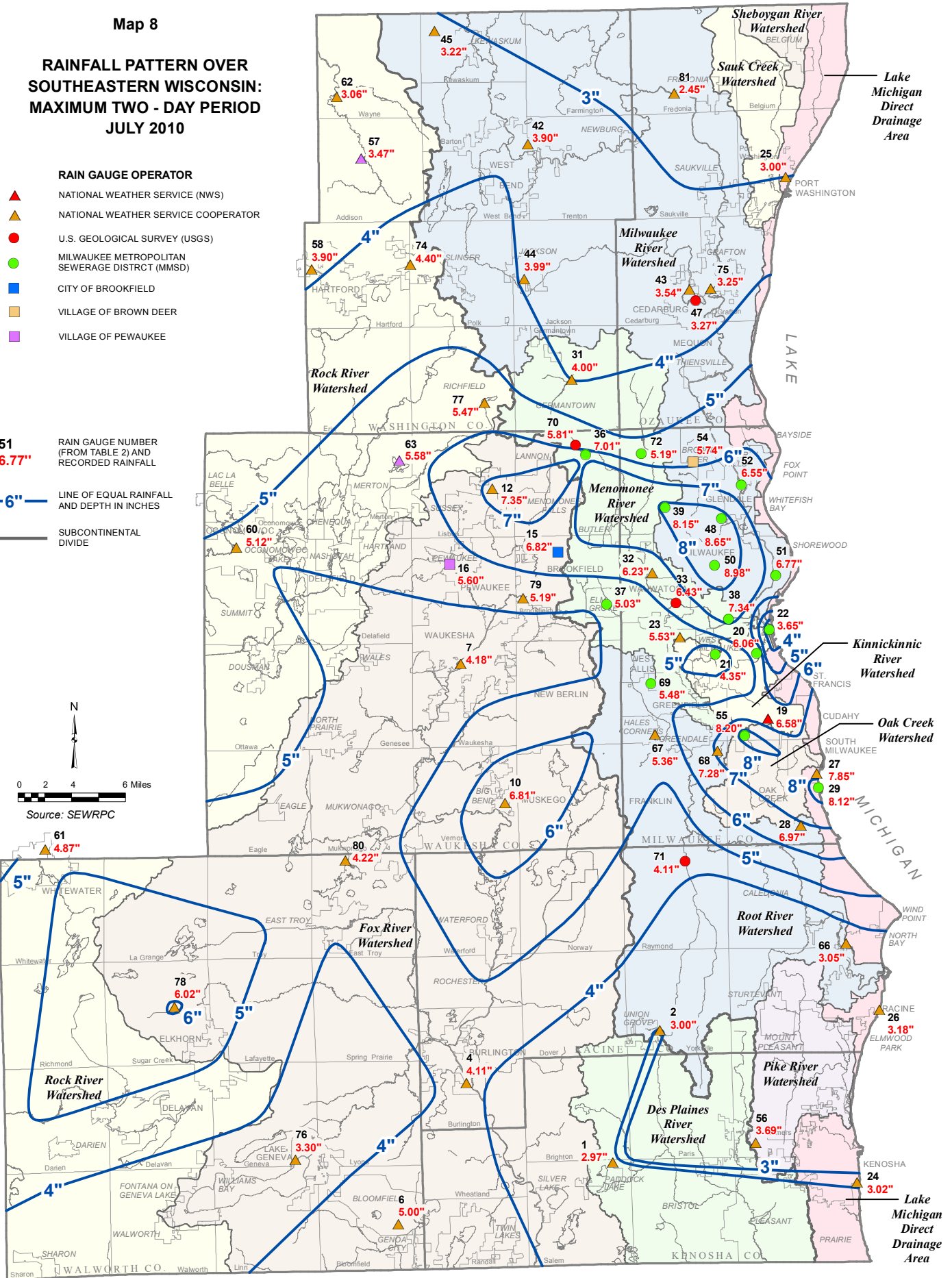
**—6"** LINE OF EQUAL RAINFALL AND DEPTH IN INCHES

**—** SUBCONTINENTAL DIVIDE



0 2 4 6 Miles

Source: SEWRPC



Map 9

**RAINFALL PATTERN OVER  
SOUTHEASTERN WISCONSIN:  
MAXIMUM TEN - DAY PERIOD  
JULY 2010**

**RAIN GAUGE OPERATOR**

- ▲ NATIONAL WEATHER SERVICE (NWS)
- ▲ NATIONAL WEATHER SERVICE COOPERATOR
- U.S. GEOLOGICAL SURVEY (USGS)
- MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD)
- CITY OF BROOKFIELD
- VILLAGE OF BROWN DEER
- VILLAGE OF PEWAUKEE

**51**  
**10.33"**  
RAIN GAUGE NUMBER  
(FROM TABLE 2) AND  
RECORDED RAINFALL

**— 6" —**  
LINE OF EQUAL RAINFALL  
AND DEPTH IN INCHES

**— — — — —**  
SUBCONTINENTAL  
DIVIDE

