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WATER RESOURCES OF THE RUM RIVER WATERSHED, EAST-CENTRAL MINNESOTA

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SURFACE WATER

THE RUM RIVER BASIN IS IN THE EAST-CENTRAL PART OF MINNESOTA (fig. 1). The basin drains an area of 1,760 square miles (4,558 sq km) and includes all or parts of 14 counties. The Rum River flows southward 115 miles (185 km) from Mille Lacs to the Mississippi River at Anoka. The river has a gradient of 1.5 feet per mile (0.28 m per km) and an average discharge of 1,251 cfs (35.4 cms). Its drainage area is 1,760 square miles (4,558 sq km). The basin is in the Mille Lacs Uplands section of the Central Lowland physiographic province (Leverett, 1932, p. 247-249). Relief is as much as 1,200 feet (366 m) in the northeastern part of the basin, but in the southwestern part it is only about 100 feet (30 m).

Mille Lacs Lake is the largest lake in the basin, with a surface area of 132 square miles (342 sq km). Other large lakes are Ogechie, Onamia, Shakopee, Fish, Ann, Little Pine, Knife, Spectacle, Ogechie, Onamia, Shakopee, Fish, Ann, Little Pine, Knife, Spectacle, Bradley, Rice, Pleasant, Lewis, Little Rice, Big Rice, Big