

Kolka

Research on the Marcell Experiment Forest

Randy Kolka (Poster)

The Marcell Experimental Forest (MEF) is an 890 hectare tract of land located 40 km north of Grand Rapids, Minnesota. The MEF has been reserved for long-term research with the Cooperation of the USDA Forest Service North Central Research Station, the Chippewa National Forest, Minnesota Department of Natural Resources, Itasca County and a private land owner. It is operated by the North Central Research Station, Research Work Unit 4351: Ecology and Management of Riparian and Aquatic Ecosystems located at Forestry Sciences Laboratory in Grand Rapids, MN. The MEF contains 6 watersheds, each consisting of an upland portion and a peatland that is the source of a stream leaving the watershed. The unique features provide a wide range of hydrological environments to study. The MEF has a large historical database concerning soils, hydrology, and chemical cycling and transport. Climatic and hydrologic data have been collected continuously at monitoring stations since 1960. Hydrologic monitoring and other related research continues at the MEF.

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