



## Connecticut

# Northfield Brook Lake Dam

Northfield Brook Lake lies within the boundaries of Thomaston and Litchfield, with the damsite situated in Thomaston. The reservoir is two miles west of Thomaston on Route 254. The project consists of an earthfill dam with stone slope protection 810 feet long and 118 feet high; a 544-footlong gated circular concrete conduit with a diameter of three feet; and a chute spillway edged in rock with a concrete weir 72 feet long. The weir's crest elevation is 15 feet lower than the top of the dam.

The project stores Northfield Brook floodwaters and helps to lower flood stages in downstream communities along the Naugatuck River.

Construction of the dam began in May 1963 and was completed in October 1965. Approximately 1.8 miles of highway were relocated. The cost of the project was \$2.9 million.

Northfield Brook Lake contains an acre recreation pool that has a maximum depth of 19.5 feet. The flood storage area of the project, which is normally empty and is utilized only to store floodwaters, covers about 67 acres and extends 1.25 miles. The project and associated lands total 235 acres. Northfield Brook Lake can store up to 792 million gallons of water for flood control purposes. This is equivalent to eight inches of water covering its drainage area of 5.7 square miles.

The dam is situated in a scenic area adjacent to the highly industrialized Naugatuck Valley, where public recreational facilities are at a premium. Trout is stocked in the lake, and the grounds contain picnic tables and two group shelters, fireplaces, a beach, hiking trail, and parking and sanitary facilities. Drinking water is also available.