

[Energy](#)[Environment](#)[Economic Development](#)

You are here: [Home](#) / [Energy](#) / [Our Power System](#) / [Hydroelectric](#)

Share this page  

## Fontana

Hikers on the Appalachian Trail stop to admire the view from atop Fontana Dam. The highest dam east of the Rocky Mountains, Fontana is on the Little Tennessee River in western North Carolina.

Fontana Reservoir occupies a site of particular splendor deep in the Great Smoky Mountains. Fishing, boating and swimming are all popular at Fontana, but it is perhaps most appreciated by wilderness hikers and campers.

The Appalachian Trail, which extends over 2,000 miles from Georgia to Maine, crosses Fontana Dam. The hot showers available at the trail shelter, maintained by TVA, have led grateful hikers to dub it the Fontana Hilton. The Great Smoky Mountains National Park borders the reservoir to the north.

Fontana was built during World War II to provide electric power for the war effort. A new town, housing some 5,000 people who worked around the clock in three shifts, sprang up in the forest, and the project broke construction records. What was once the construction village is now a resort offering recreational activities such as boating, horseback riding and crafts making.

## Visitor Center

The Fontana Dam Visitor Center is located off N.C. Highway 28 near the Tennessee/North Carolina state line. It is open from 9 a.m. to 6 p.m. daily from May through October except for major holidays and in times of severe weather. Newly refurbished and staffed by TVA retirees, the visitor center has updated maps, videos and displays about TVA and the construction of the dam.

## Directions to Fontana

**From Bryson City, N.C.**, go west on U.S. Highway 74 toward Murphy, N.C. After about 8.3 miles, turn right on N.C. Highway 28. Go north about 21.3 miles and turn right on County Road 1245 (Fontana Dam Road). Continue about 1.3 miles to the dam. The total driving distance from Bryson City is about 32 miles. Estimated travel time is about 45 minutes.

**From Maryville, Tenn.**, follow U.S. Highway 129 South about 32 miles to the North Carolina state line. About three miles beyond the state line, turn left onto N.C. Highway 28 and go south about 10.6 miles to the dam. Total driving distance from Maryville is about 51 miles. Estimated travel time is about 1 hour 15 minutes.

## Fontana: Facts + Figures

- Construction of Fontana Dam began in 1942 and was completed in 1944.
- Fontana Dam is a hydroelectric facility. It has three generating units with a net dependable capacity of 304 megawatts. Net dependable capacity is the amount of power a dam can produce on an average day, minus the electricity used by the dam itself.
- The dam is 480 feet high and stretches 2,365 feet across the Little Tennessee River.
- Fontana Reservoir provides 238 miles of shoreline and 10,230 acres of water surface for recreation activities.
- In a year with normal rainfall, the water level in Fontana Reservoir varies about 56 feet from summer to winter to provide seasonal flood storage.
- Fontana has a flood-storage capacity of 514,000 acre-feet.
- Find Fontana Dam off Hwy. 28 in Fontana, N.C.

## More Information on Fontana Reservoir

[Daily Lake Level](#)

[Sport Fish Survey Results](#)

[Ecological Health Ratings](#)

[Recreation Facilities](#)

Employees and Retirees

TVA Kids

Doing Business With TVA

TVA Privacy Policy

Freedom of Information Act

Legal Notices

Information Quality

No Fear Act Data

Equal Employment Opportunity Policy

Accessibility Information

TVA External Links Policy

Inspector General

TVA Police

Energy

Environment

Economic Development

Newsroom

Careers

About

Facebook

Twitter

YouTube

Flickr

LinkedIn

Tennessee Valley Authority

400 West Summit Hill Drive

Knoxville TN 37902

(865) 632-2101

tvainfo@tva.com