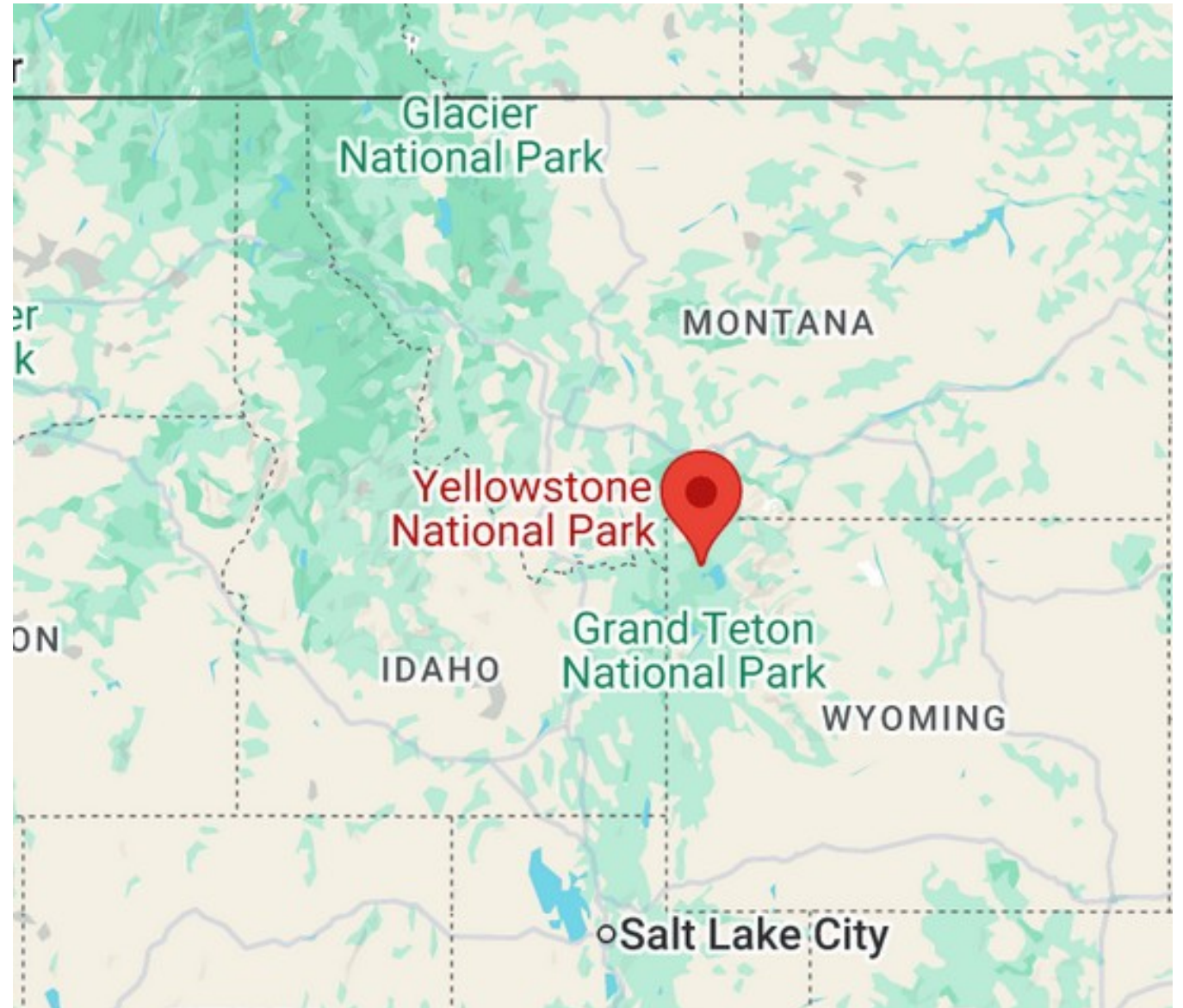


Yellowstone National Park

Źródła:

- Wikipedia;
- National Geographic;
- National Park Service;
- Wiley.

Yellowstone National Park was established on March 1, 1872. It is a national park of the United States in the northwest of the state Wyoming, with small portions extending into Montana and Idaho.



Geysers

The most popular geysers:

- Old Faithful;
- Stream Geyser;
- Grand Geyser;
- Castle Geyser;
- Beehive Geyser.



▲ Old Faithful

Old Faithful

Old Faithful was the first geyser in the Yellowstone National Park to be named.

It erupts on average every 92 minutes, with intervals between eruptions ranging from 35 to 120 minutes.

It is a highly predictable geothermal feature.

The average water temperature in the geyser basin itself (between eruptions) is lower and is approximately $76,5^{\circ}\text{C}$.

The water spewed by Old Faithful Geyser when it erupts is approximately $93-96^{\circ}\text{C}$.

Old Faithful - film



Hot springs

The most popular hot springs:

- Grand Prismatic Spring;
- Mammoth Hot Spring;
- Morning Glory Pool;
- Abyss Pool.



Grand Prismatic Spring

Fauna

Yellowstone is widely considered to be the finest megafauna wildlife habitat in the lower 48 states.

There are almost 60 species of mammals in the Yellowstone.

The Big Five, the most iconic mammals of the park:

Bears (Grizzly, black); Grey Wolves; American Bisons; Elk; Moose.

There are also other groups of animals in the Yellowstone, like: birds (about 300 species); fish (16 species); reptiles (6 species, few due to the harsh mountain climate); amphibians (5 species).

Animal sounds



▲ Bison



▲ Spotted Owl

Flora

Over 69,000 species of trees and other vascular plants are native to the park. Another 170 species are considered to be exotic species and are non-native.

There is flower which occurs exclusively in Yellowstone, it is Yellowstone sand verbena. It blooms between May and September.

But there are also other plant species that attract the attention of tourists like:

Lodgehole Pine; Fringed Gentian; Bitterroot; Indian Paintbrush; Glacier Lily.



Yellowstone sand verbena

Trivia

Natural "camouflage": Enderite absolute is a plant that produces sticky hairs that attract sand grains. This phenomenon is called *psammophoria* - this makes the verbena through like sandpaper, discouraging animals from eating.

Supervolcano: Beneath the park's surface lies a vast magma chamber. The last major eruption occurred about **640,000** years ago, forming the park's present-day caldera.

Water Older Than Us: The water that erupts from Old Faithful Geyser has spent **at least several hundred years underground**. Before reaching the surface, it slowly seeps through rocks into deep reservoirs, where it is heated by magma.

Trivia

Reintroduction of wolves: In 1995, 14 wolves were brought to the park from Canada, which became one of the most famous ecological successes - the presence of predators changed the entire ecosystem, even affecting the course of rivers by changing the behavior of herbivores.



Grey Wolf

The most known bear from Yellowstone

The fairy tale "Yogi Bear" was based on Yellowstone Park.



Thank you for your attention