

# Explore Temperate Climates



**Temperate forests** can be found in the USA, Canada, Europe, Russia, China and Japan.

The average yearly average temperature in these forests is about 50F (10C). Rainfall is between 30 to 60 inches per year (75 - 150 cm).

Because little water is available in the winter, trees lose their leaves and photosynthesis stops.

These forests are called "Deciduous," because the leaves of the trees change color in autumn and fall in the winter, to grow back in spring.

In the fall, forests are beautiful as they change colors from green to orange and sometimes red, such as Oak trees.

Most animals living in these forests adapt to the cold winters by hibernating or migrating to warmer areas.

The black bear is a typical hibernating animal, which thrives in the summer and fall months.

Deer, squirrels, owls, raccoons, porcupines, and turkeys are common animals of the temperate forest.

## Desert climate links and additional information:

-**The Temperate Broadleaf Deciduous Forest (TBDF)**--especially in eastern North America is known for the turning of the colors of its leaves to brilliant reds, oranges, and golds in autumn.

**Link:** <http://www.radford.edu/~swoodwar/CLASSES/GEOG235/biomes/tbdf/tbdf.html>

-**Most temperate deciduous forests** are located in the eastern United States, Canada, Europe, China, Japan, and parts of Russia.

**Link:** [http://www.nceas.ucsb.edu/nceas-web/kids/biomes/temp\\_forest.htm](http://www.nceas.ucsb.edu/nceas-web/kids/biomes/temp_forest.htm)

-**National Geographic's game** to help students understand the relationships between different forest habitats - plants and animals.

**Link:** <http://www.nationalgeographic.com/features/96/forest/html/forest.html>

-**Deciduous forests** are found in North America, Europe, and Asia. They are found mostly around 0-50 degrees north latitude.

**Link:** <http://lsb.syr.edu/projects/cyberzoo/deciduous.html>

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