

LEVELED BOOK • K

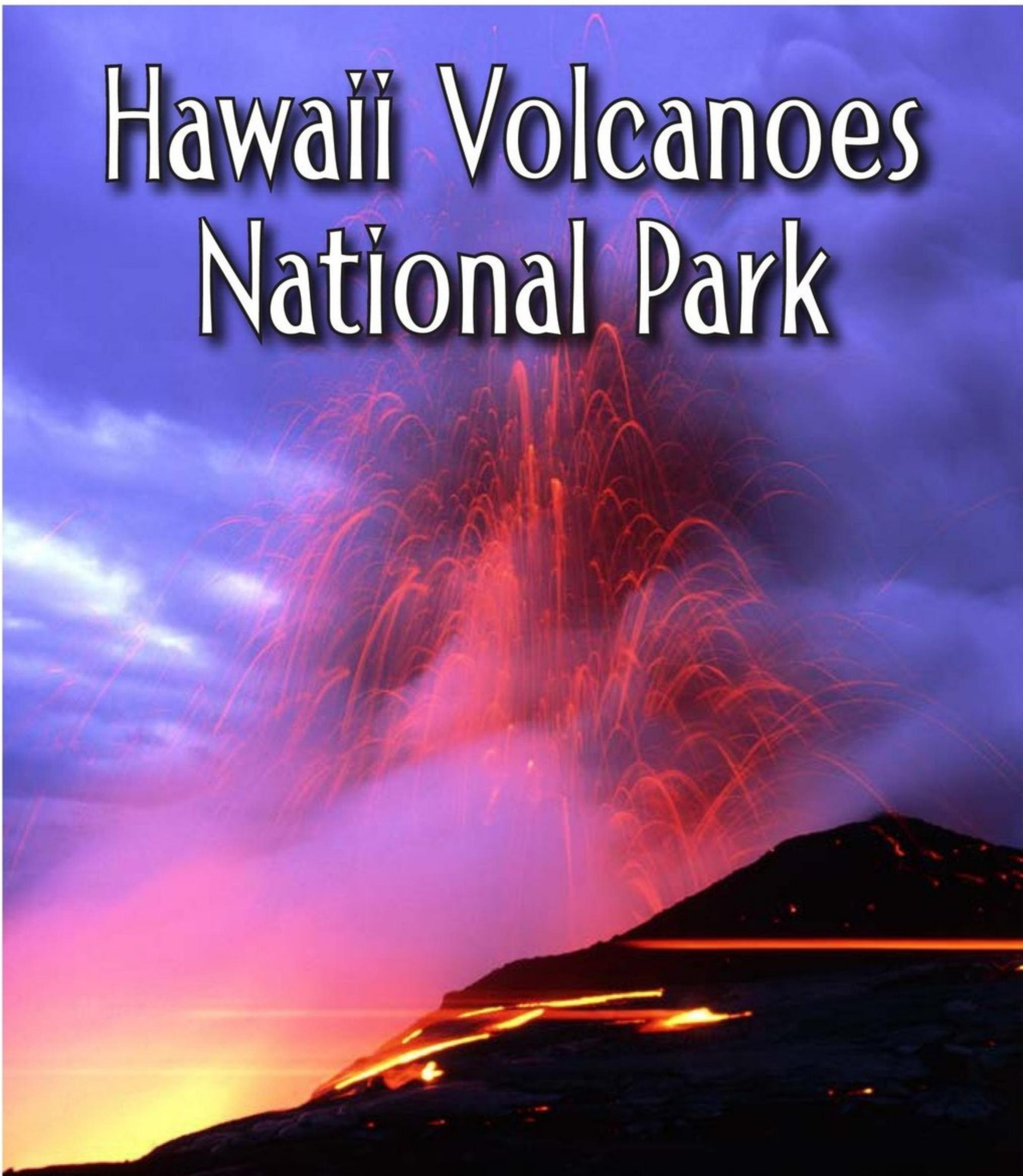
Hawaii Volcanoes National Park

MULTI
LEVEL
H•K•N

Written by Mike Stark

www.readinga-z.com

Hawai‘i Volcanoes National Park



Written by Mike Stark

www.readinga-z.com

Focus Question

What can you see at Hawaii Volcanoes
National Park?

Words to Know

active
erupted
lava

national park
protected
rainforest

Photo Credits:

Front cover, back cover: © Toshi Sasaki/Stone/Getty Images; title page: © Simon Fraser/Science Photo Library/Getty Images; pages 3, 15: courtesy of NPS/J. Wei; page 4: courtesy of NPS; page 5: © Andreus/Dreamstime.com; page 6: © Carini Joe/Perspectives/Getty Images; page 7 (top): A close view of the fiery lake, Halemaumau, Kilauea, 1924, American School/National Geographic Creative/Bridgeman Images; page 7 (bottom): courtesy of U.S. Department of Interior, U.S. Geological Survey; page 8: © Ann Cecil/Lonely Planet Images/Getty Images; page 9: North Wind Picture Archives/Alamy Stock Photo; page 10: courtesy of Janet Babb, U.S. Geological Survey Hawaiian Volcano Observatory; page 11 (main): © Universal History Archive/Universal Images Group/Getty Images; page 11 (inset): Andre Jenny/Alamy Stock Photo; page 12: imageBROKER/Alamy Stock Photo; page 13 (top left): © Darlyne A. Murawski/National Geographic/Getty Images; page 13 (top right): © George Rose/Getty Images News/Getty Image; page 13 (bottom left): © Jack Jeffrey/BIA/Minden Pictures; page 13 (bottom right): Photo Resource Hawaii/Alamy Stock Photo; page 14 (top left): Art Directors & TRIP/Alamy Stock Photo; page 14 (top right): © Karl Lehmann/Lonely Planet Images/Getty Images; page 14 (bottom left): © Ted Soqui/Corbis Historical/Getty Images; page 14 (bottom right): © iStock.com/Srongkrod

Hawaii Volcanoes National Park
Level K Leveled Book
© Learning A-Z
Written by Mike Stark

All rights reserved.

www.readinga-z.com

Correlation

LEVEL K	
Fountas & Pinnell	J
Reading Recovery	17
DRA	18



Table of Contents

A Volcano Wonderland	4
Volcanoes Form a Park	5
An Amazing History	10
Wildlife at the Volcanoes' Edge ..	13
Enjoy—But Watch Your Step! ..	15
Glossary	16



Two famous volcanoes are in the park.

A Volcano Wonderland

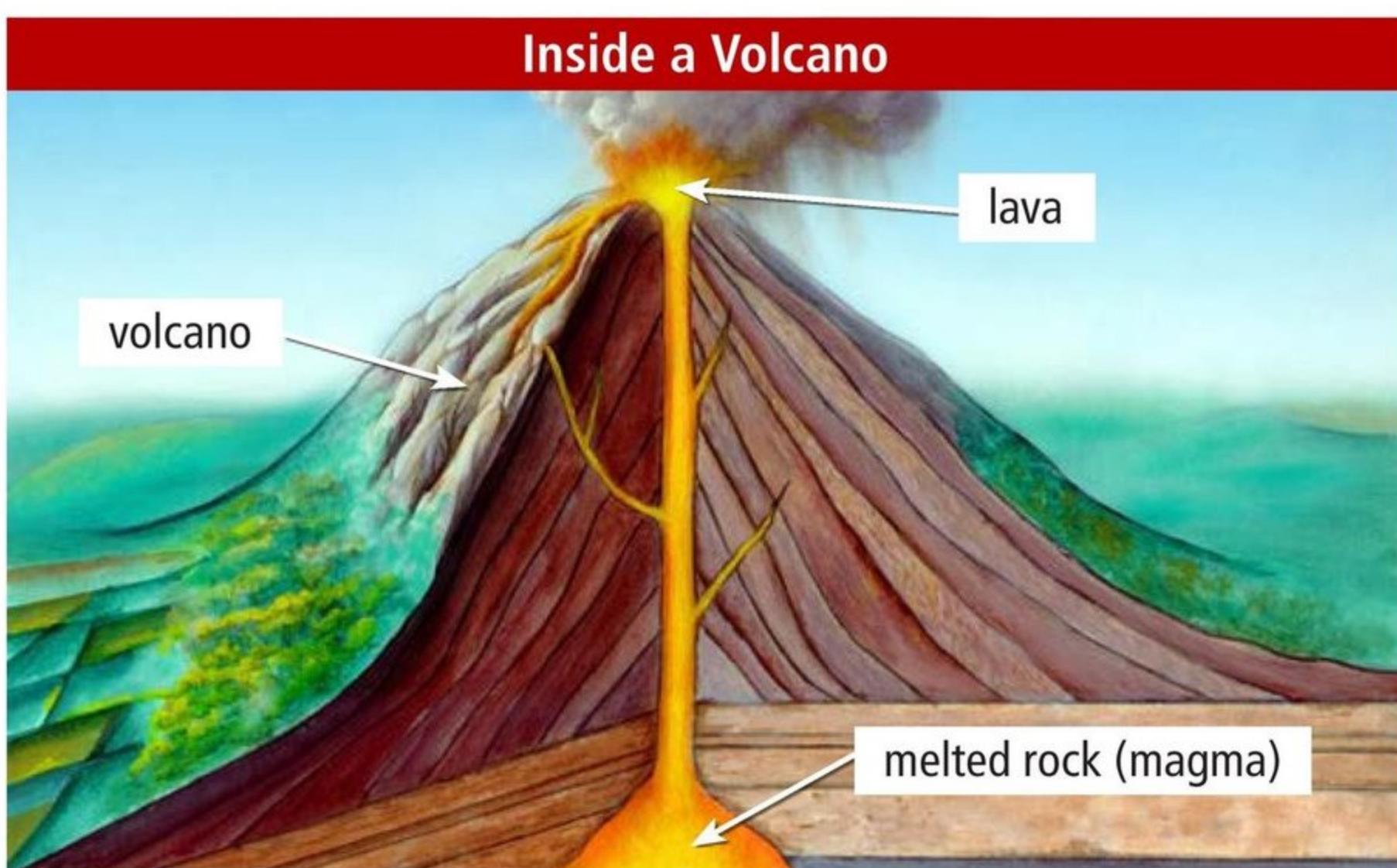
Every day on the island of Hawaii, **lava** seeps from a volcano on the edge of the ocean. When the lava cools, it turns into rock and makes the island a little bigger. This volcano is part of Hawaii Volcanoes **National Park**.

Every year, over one million people visit Hawaii Volcanoes National Park. National parks are areas of **protected land**.

Volcanoes Form a Park

A volcano begins when melted rock from deep inside Earth comes out through a crack in Earth's surface. When it reaches the surface, it cools and becomes solid rock. The rock builds up over time. The rock may form a mountain or even an island. This is how Hawaii's islands formed.

Two of the world's most amazing volcanoes are found in Hawaii Volcanoes National Park.



One volcano is among the most **active** volcanoes on Earth. Scientists think it began forming between 300,000 and 600,000 years ago. It finally formed as an island 50,000 to 100,000 years ago.



A river of lava flows from one volcano in the park.



Observers view a fiery lake on one of the park's volcanoes in this 1924 painting.

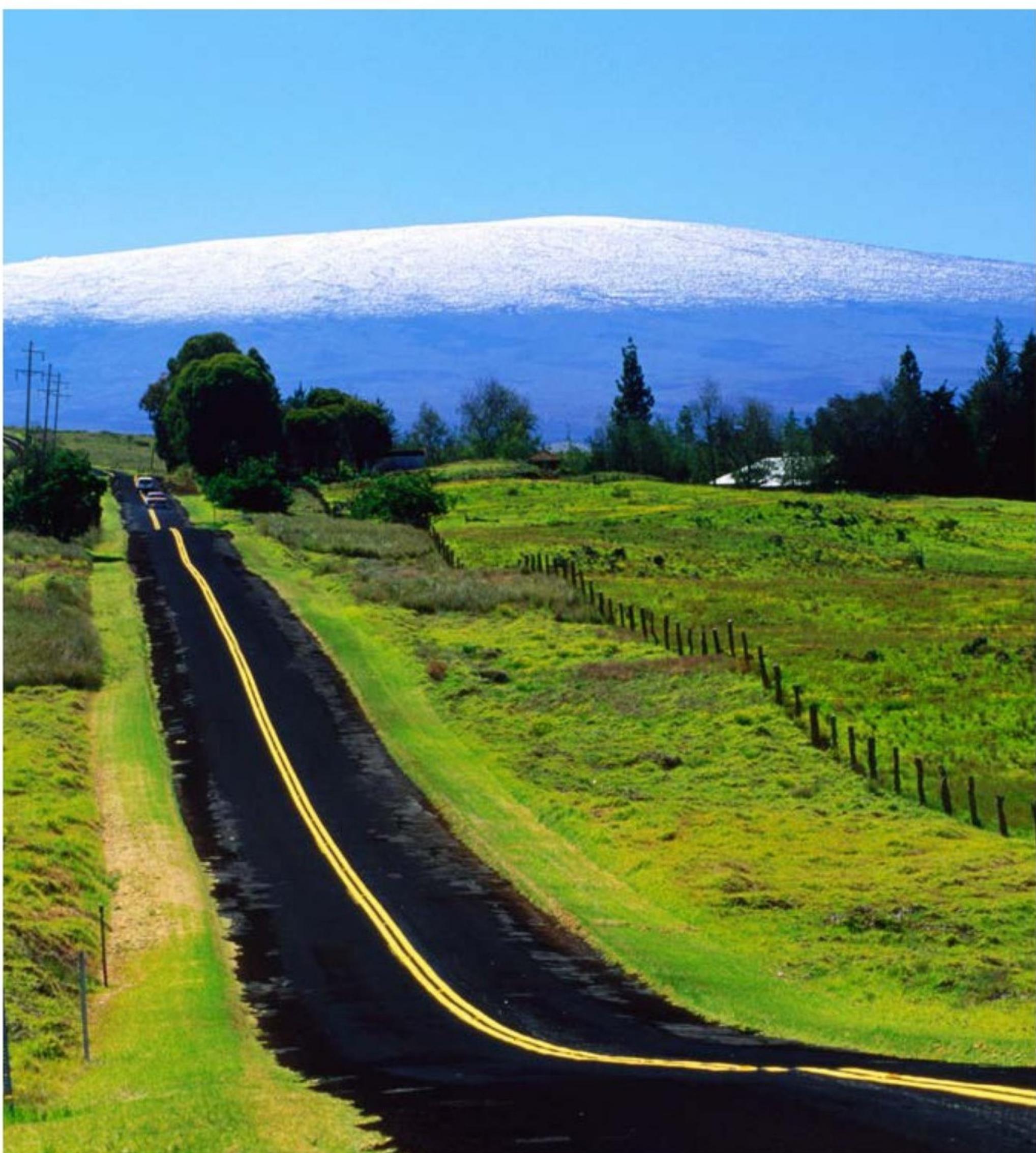
In 1790, dozens of people were killed when it **erupted**. Then, in 1924, more eruptions threw huge rocks around the area.

Leaping Lava

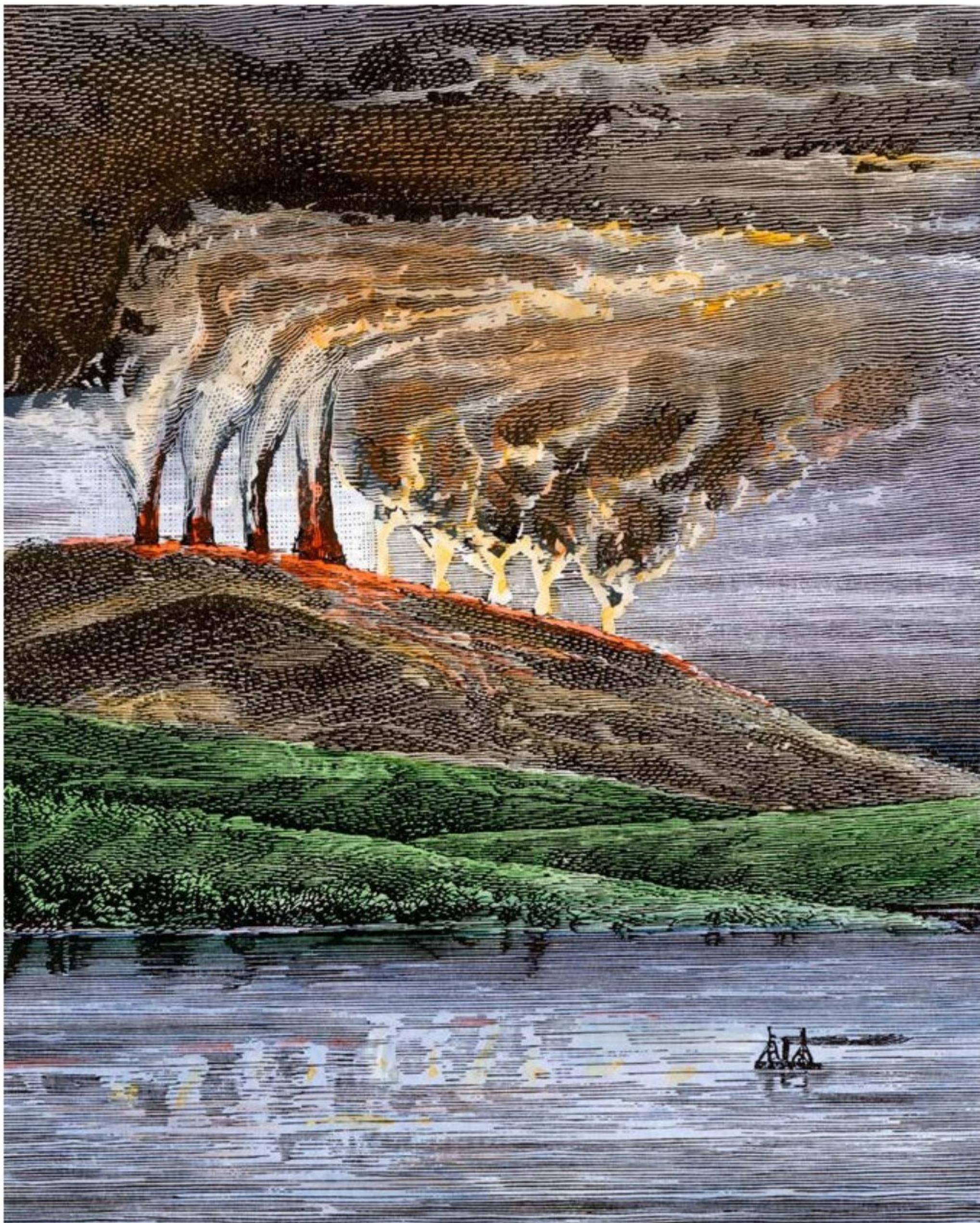
In 1959, one volcano sent a stream of lava 1,900 feet (579 m) into the air—about twice the height of the Eiffel Tower!



Nearby is another volcano that is one of the biggest mountains on Earth. It covers half the island of Hawaii. This volcano has erupted many times since 1843.



A snowcapped volcano, one of the largest on Earth, is seen far away.



A picture from the 1870s shows the eruption of one of the park's volcanoes.

In 1868, an eruption caused earthquakes that lasted four days and destroyed nearly forty buildings.

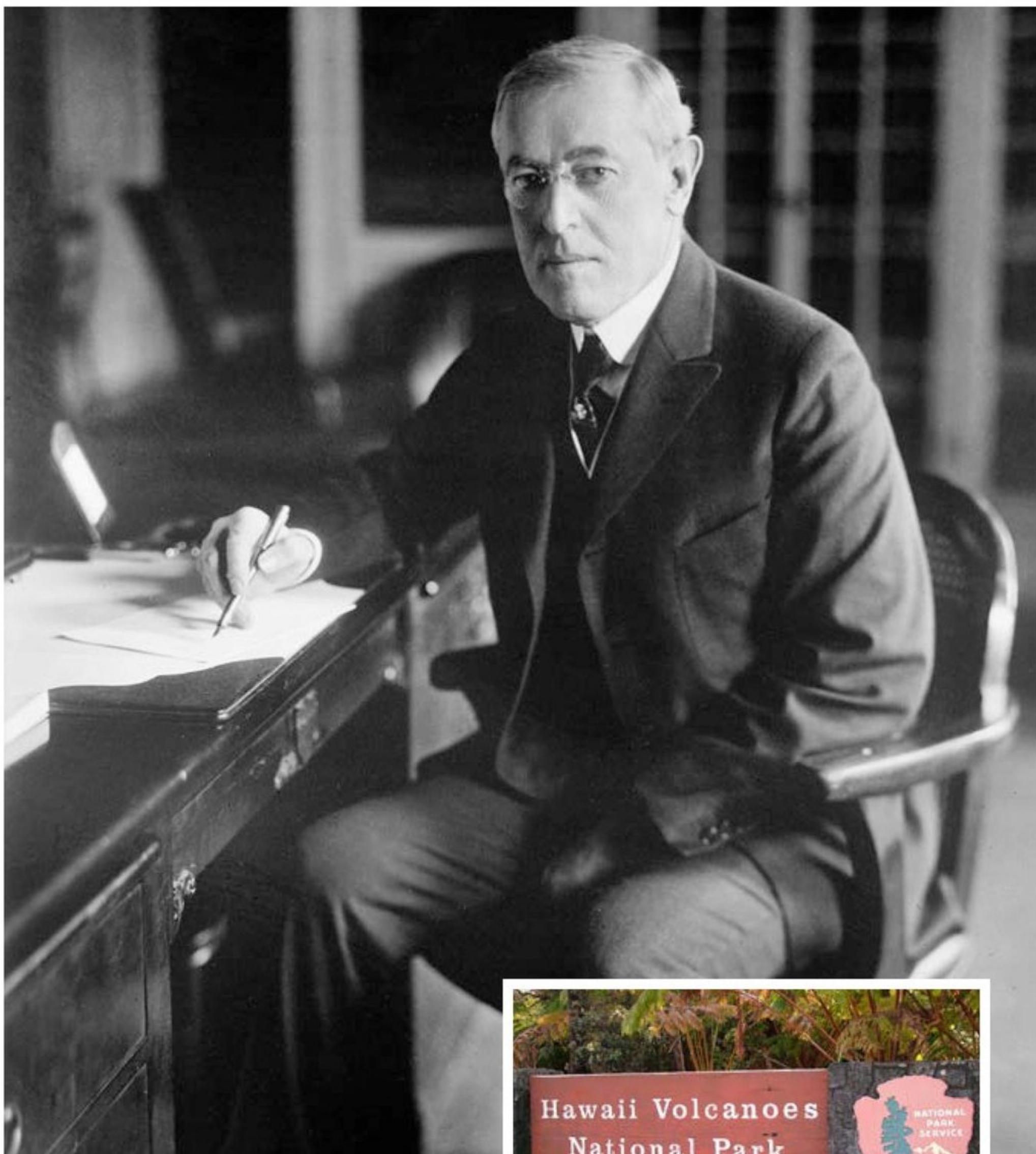


An active lava lake lies in the crater at the top of one volcano.

An Amazing History

People have been visiting the
volcanoes for hundreds of years.

They wanted to protect both the volcanoes and the land around them. The area was named a national park in 1916.



President Woodrow Wilson made the area the country's thirteenth national park on August 1, 1916.



Hawaii Volcanoes National Park is 520 square miles (1,347 sq km). It has volcanoes and lava tubes that flow to the sea.

Lava tubes are big tunnels in the ground. They are so big that people can walk through them.



Visitors can walk through the Thurston Lava Tube in the park.



green grappler moth caterpillar



nene



apapane



Hawaiian happy-face spider

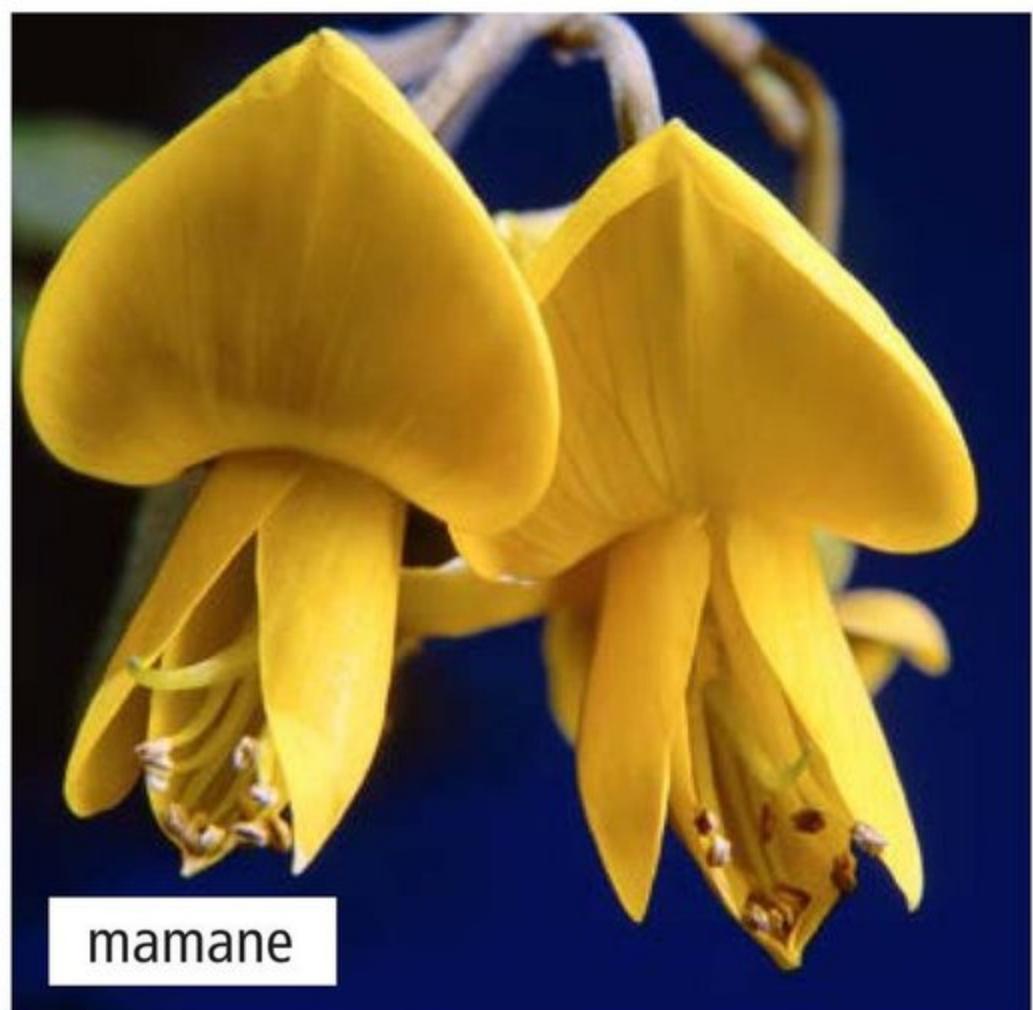
Wildlife at the Volcanoes' Edge

Hundreds of protected animals live in Hawaii Volcanoes National Park. The park is home to turtles, bats, insects, and many types of birds.

The park also has many protected plants and trees. Almost all of its plants are found only in Hawaii. Many plants have lived in and around the volcanoes for years.



ohia lehua tree



mamane



fern



silversword



Visitors can see the land change before their eyes at Hawaii Volcanoes National Park.

Enjoy—But Watch Your Step!

Hawaii Volcanoes National Park is a wonderful place to visit. Drive along a volcano or hike more than 150 miles (241 km) of trails. Bike along the volcano's paths or camp in the **rainforest**.

It's almost impossible to know when a volcano will erupt. However, when eruptions are possible, parts of the park close. This special park is never quiet for long.

Glossary

active (<i>adj.</i>)	in a state of activity (p. 6)
erupted (<i>v.</i>)	shot out rock, lava, and ash from an active volcano (p. 7)
lava (<i>n.</i>)	melted, liquid rock that flows from an opening in Earth's surface (p. 4)
national park (<i>n.</i>)	An area of land protected by the government for its history and natural beauty (p. 4)
protected (<i>adj.</i>)	guarded from danger (p. 4)
rainforest (<i>n.</i>)	a forest that receives a lot of rain and has many plants and animals (p. 15)

Hawaii Volcanoes National Park

A Reading A-Z Level K Leveled Book
Word Count: 407

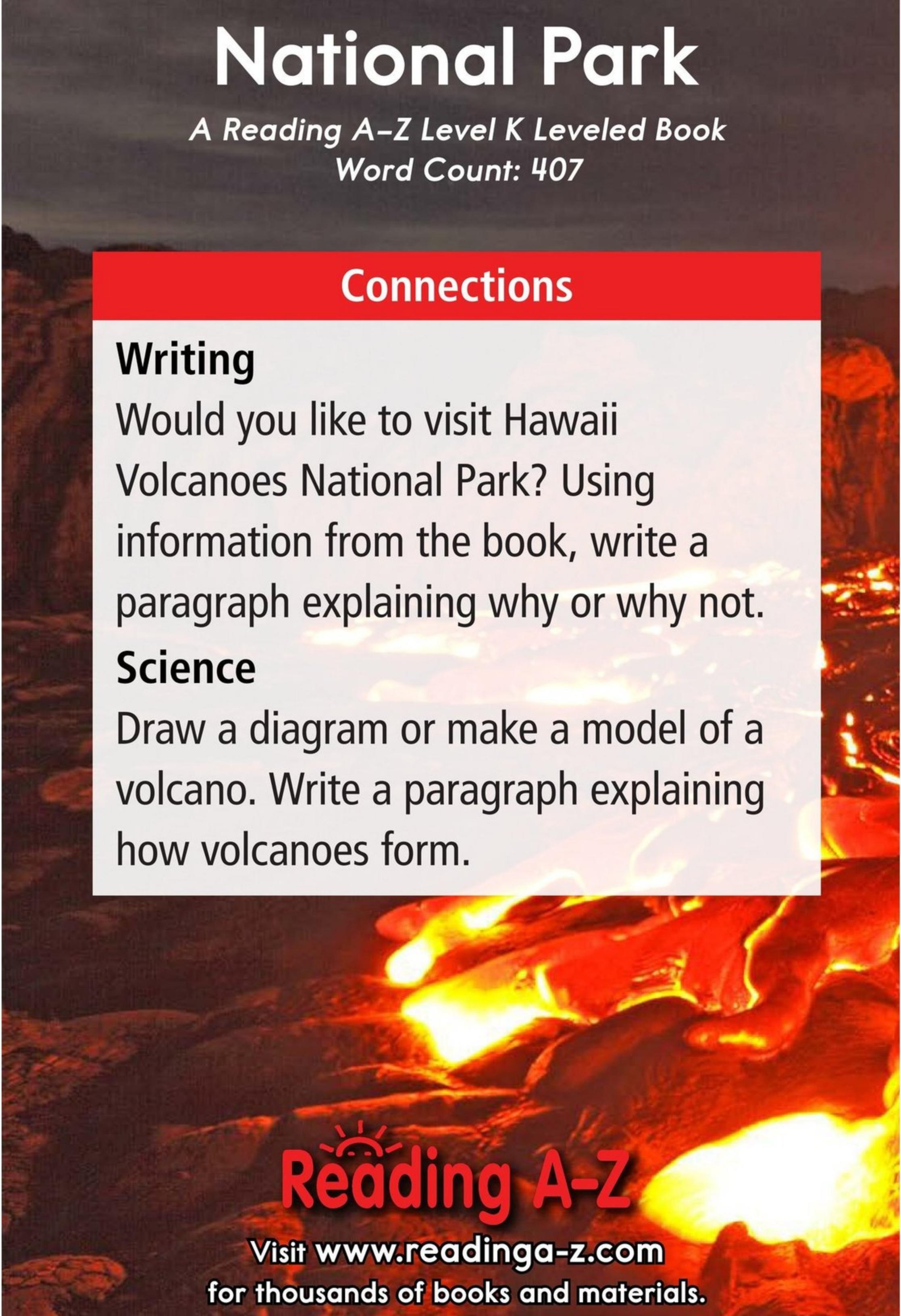
Connections

Writing

Would you like to visit Hawaii Volcanoes National Park? Using information from the book, write a paragraph explaining why or why not.

Science

Draw a diagram or make a model of a volcano. Write a paragraph explaining how volcanoes form.



Reading A-Z

Visit www.readinga-z.com
for thousands of books and materials.