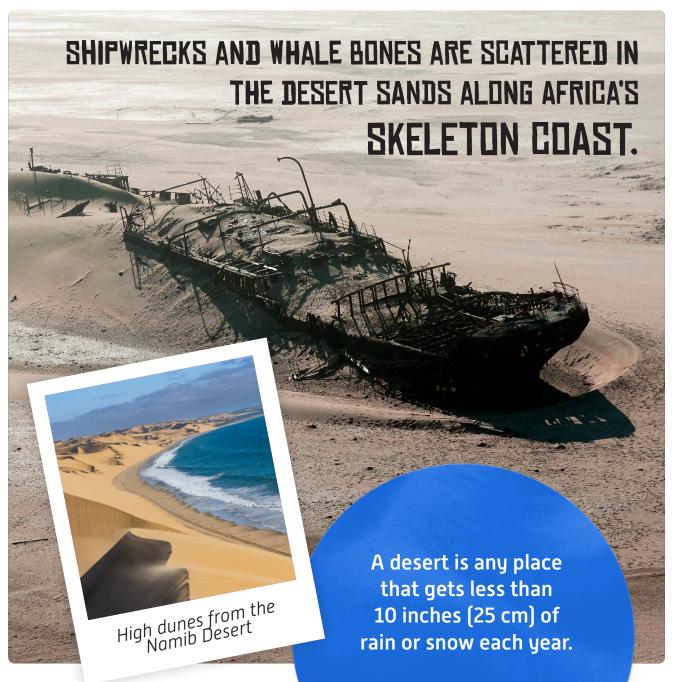
GILD, HEAT, AND LIMITED WATER are just some of the challenges awaiting people who explore the earth's deserts and poles. But dazzling ice cliffs and golden sand dunes await those brave enough to visit these unique,

barren regions.
God's original creation was perfect, full of fruit trees and clear rivers (Genesis 2:8–10). But when Adam and Eve rebelled against God and his command, they brought sin and suffering into the world (Romans 8:19–22).

Eventually, the people on earth became so wicked that God punished them with a global flood (Genesis 7:11–12), but he saved Noah's family and the animals on the ark. The flood reshaped the earth's surface and altered its climate, leading to the formation of many of the extreme landscapes we see today.







sand dunes is called an erg. A large area of _

EVERY YEAR, WINDS BLOW OVER 100 MILLION TONS OF DUST AWAY FROM THE SAHARA DESERT.

That much dust is about the same weight as 1,000 cargo ships.

The dust travels a couple of miles above the surface of the earth before settling in the ocean and on other continents.

SAND DUNE AVALANCHES

ARE GALLED "BOOMING SANDS" BECAUSE OF THE LOUD NOISE THEY MAKE.

THE SAHARA DESERT IS MORE THAN 16 TIMES THE SIZE OF FRANCE.

EARTH IS THE SAHARA DESERT IN AFRICA.

A DIFFERENT WORLD

Before the flood, Noah and his family weren't able to visit the Sahara Desert, the Amazon River, or the Rocky Mountains. The familiar landscapes we have today simply didn't exist!

While the people of Noah's time had their own familiar rivers and mountains (Genesis 2:10; Psalm 104:6), the flood ripped apart and wiped away all traces of them (2 Peter 3:5–6).

A year after the flood began, Noah and his family stepped off the ark into a completely different-looking world—a world that had been carved and shaped by water.

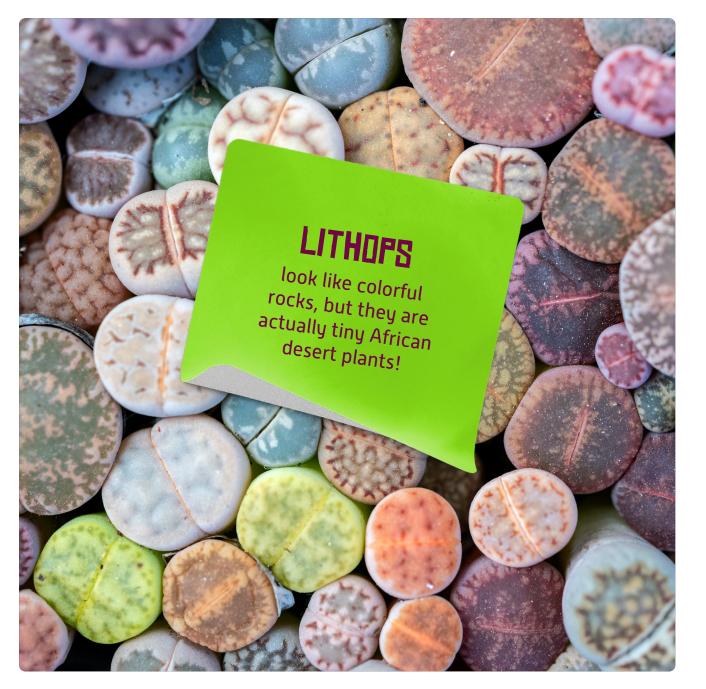
Tenoumer Crater Mauritania

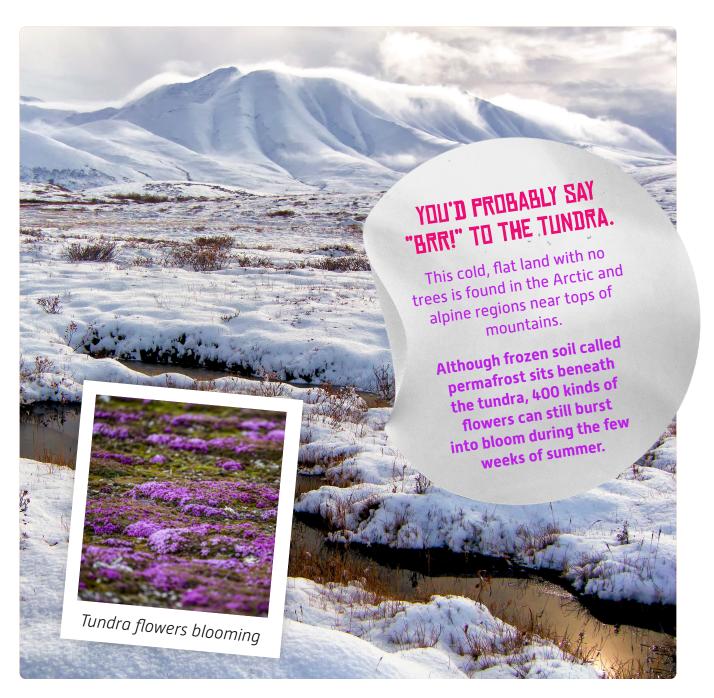
SCIENTISTS WONDER IF THE PERFECT CIRCLE IN THE MIDDLE OF THE SAHARA DESERT CAME FROM A METEORITE OR A VOLGANO.

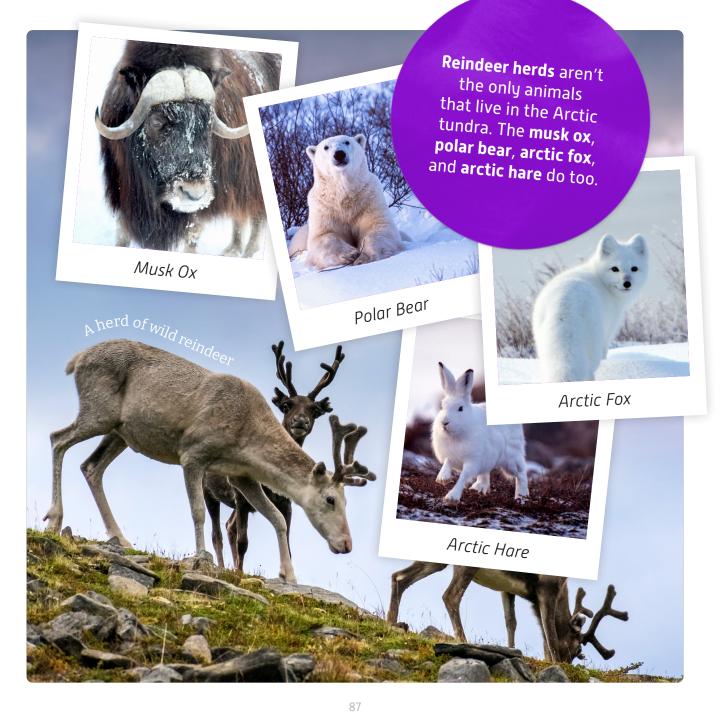
This crater is about a mile (2 km) wide.

















ONE ICE AGE

After the flood, plants must have grown and thrived all over the world, including Antarctica. Then, as the earth settled because the tectonic plate movements slowed, the continuing volcanic eruptions filled the sky with ash that blocked sunlight and cooled the land.

The planet entered a unique time called the ice age. An ice age can't just happen randomly. Special ingredients such as very warm oceans are needed, and those ingredients could only come from a worldwide flood. So we know there was only one ice age because there was only one worldwide flood.

During the ice age, the land at the top and bottom of the globe was covered in huge ice sheets. In fact, a lot of the snow at the North and South Poles is left over from that unique time in earth's history.

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Antarctica

- The coldest, driest, and windiest continent on earth
- South Pole located here
- Lowest temperature -117°F (-83°C)
- Highest temperature 10°F (-12°C), never above freezing
- Home of penguins
- 0 people permanently live here (scientists and tourists only visit)

The whole continent receives only about 6 inches (150 mm) of precipitation a year, mostly as snow.

Antarctica doesn't experience

many earthquakes, but it has

hundreds of thousands of icequakes.

People usually don't feel icequakes,

but they hear loud popping noises.

Before the ice age, lush rainforests covered Antarctica.

Argentine Esperanza Station in the Antarctic

No country owns
Antarctica, but
7 different countries
claim parts of it.