

# GENTLE.NEWS

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## In Today's Edition

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Word Search Puzzle

*"History will be kind to me for I intend to write it."*

— Winston S. Churchill

### Scientists Study How Pacific Ocean Changes Shape Beaches

Scientists have made an exciting discovery about beaches along the Pacific coast. They studied 40 years of satellite pictures to see how beaches change over time.

The research looked at 750 kilometers of coastline in Washington and Oregon. Scientists used special computer maps to track how beaches grew and shrank from 1984 to 2024.

They found that ocean patterns called El Niño and La Niña affect our beaches in predictable ways. During El Niño years, three out of four beaches lost sand. During La Niña years, three out of four beaches gained sand.

El Niño brings bigger waves and higher water to the Pacific Northwest. This washes sand away from beaches. La Niña creates calmer conditions that help beaches collect more sand.

The scientists also discovered that longer climate cycles affect beaches over many decades. This research helps us better understand how nature shapes our beautiful coastlines over time.

### Scientists Find Magnetic Forces From Early Universe

Scientists have made an exciting discovery about our universe. They found evidence of magnetic forces that existed when the universe was very young.

A team of researchers used computers to study the first few hundred thousand years after the universe began. They discovered that magnetic fields were present during this early time. These are called primordial magnetic fields.

The discovery helps solve a puzzle that has confused scientists for years. Different ways of measuring how fast the universe is growing give different answers. The magnetic fields help explain why this happens.

Professor Tom Abel from Stanford University worked on this research. He says these magnetic fields are like extra pieces of a puzzle. They help make the big picture of our universe make more sense.

Scientists find magnetic fields everywhere they look in space. Earth has magnetic fields that make compasses work. Stars also create their own magnetic fields. Now we know these forces existed from the very beginning of time. This discovery was published in a science journal called Nature Astronomy. It helps us better understand how our amazing universe works and how it has grown over billions of years.

## **Animals & Wildlife**

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### **Landowner Helps Wildlife and Hunters Work Together**

In North Carolina, a kind landowner named Jeff Akin found a wonderful way to help both hunters and rare red wolves. Jeff worked with wildlife experts to make his land better for all animals.

Jeff joined a special program called "Prey for the Pack." This program helps bring back red wolves, which are very rare animals. There are not many red wolves left in the wild.

Jeff and the wildlife experts worked on 25 acres of his land. They cleared away thick bushes that were blocking sunlight. Then they used controlled fires to help new grass and plants grow.

The new plants give food and shelter to deer, rabbits, and other small animals. This helps hunters find game animals. It also helps red wolves because they need these small animals for food.

Jeff shows how people can work together to help wildlife. His land now supports both hunting and saving rare animals. Everyone wins when we take care of nature together.

## Technology & Innovation

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### Scientists Work to Make Computer Centers Use Less Energy

Computer experts are working on an important project. They want to make big computer centers use less electricity.

These computer centers are very large buildings. They hold thousands of computers that work together. The computers help run websites and apps we use every day.

Professor Andrew Chien studies computers at the University of Chicago. He says these computer centers need lots of power to run. They also need water to keep the computers cool.

The professor has good ideas to help solve this problem. He thinks we can make these centers work better. This would save energy and help the environment.

Scientists are excited about finding new ways to use less power. Their smart ideas could help computer centers work well for many years. This is good news for everyone who uses computers and phones.

### Big Seafood Show Celebrates Ocean Foods

Spring is here! That means it's time for a special seafood celebration in Boston.

Every March, thousands of people gather for the biggest seafood show in North America. The show has been happening for 40 years. People come from all over the world to share their love of ocean foods.

Visitors can learn about many kinds of seafood. There are fish from farms and fish caught in the wild. You can see everything from fresh salmon to frozen fish sticks. The show teaches people about the wonderful variety of foods that come from our oceans.

Experts share their knowledge about keeping seafood safe and healthy. They talk about new ways to raise fish and shellfish. Scientists and business people work together to bring the best seafood to families everywhere.

This big gathering shows how much people care about ocean foods. It brings together folks who fish, cook, and enjoy seafood. The event celebrates the important role that fish and shellfish play in feeding people around the world.

## Activity Time - Word Search

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Find the words below in the puzzle. Words go across or down only.

### Words to Find:

COMPUTER

UNIVERSE

ENERGY

PLANTS

OCEAN

OCEAN

SAND

