

Amaze Your Brain *at Home!*

TRIVIA ANSWER KEY

**ALL
AGES**

WEATHER AND NATURE

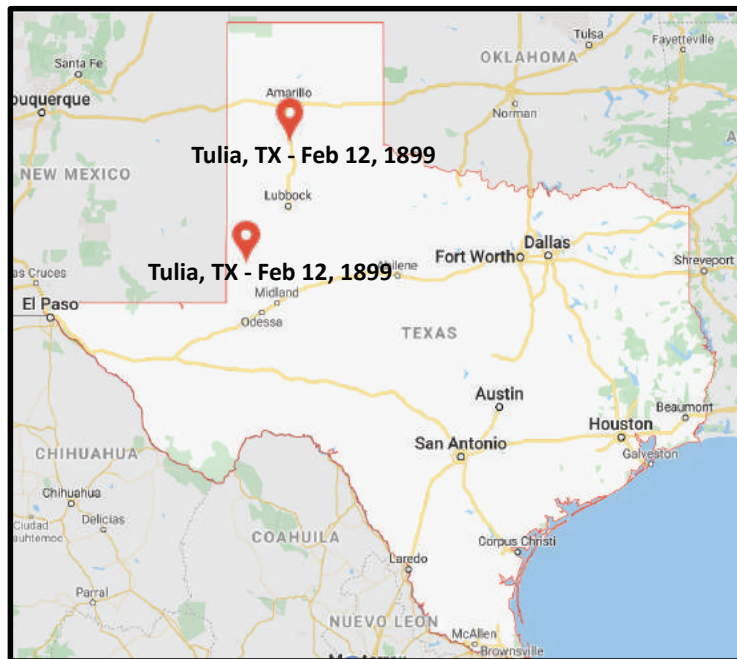


Image: Google Maps

THE COLDEST TEMPERATURE ON RECORD FOR THE STATE OF TEXAS IS _____ ?

- A. -14 degrees Fahrenheit
- B. -23 degrees Fahrenheit**
- C. -31 degrees Fahrenheit
- D. -35 degrees Fahrenheit

On two separate occasions!

- 1. Feb 12, 1899 in Tulia, Texas**
- 2. Feb 8, 1933 in Seminole, Texas**

Source: <http://texasalmanac.com/topics/environment/extreme-weather-records>

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WEATHER AND NATURE (CONT.)



Image: Google Maps

THE HOTTEST TEMPERATURE ON RECORD FOR THE STATE OF TEXAS IS _____ ?

- A. 108 degrees Fahrenheit
- B. 112 degrees Fahrenheit
- C. 120 degrees Fahrenheit**
- D. 123 degrees Fahrenheit

On two separate occasions!

- 1. Aug 12, 1936 in Seymour, Texas**
- 2. June 28, 1994 in Seminole, Texas**

Source: <https://texasalmanac.com/index.php?q=topics/environment/extreme-weather-records> **CONTINUED ON NEXT PAGE**



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WEATHER AND NATURE (CONT.)



Image source: <https://www.texasmonthly.com/the-culture/thunderstorm-panhandle-wildfires/>

WHAT IS A ROTATING THUNDERSTORM CALLED?

- A. Funnel Cloud
- B. Supercell**
- C. Tornado
- D. Super Storm

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WEATHER AND NATURE (CONT.)



Image source: <https://www.noaa.gov/stories/story-map-inside-tornado-alley>

WHAT PERCENT OF SUPERCELL STORMS RESULT IN A TORNADO?

- A. 5%
- B. 20%**
- C. 50%
- D. 100%

Source: <https://www.nssl.noaa.gov/education/svrwx101/tornadoes/types/>

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WEATHER AND NATURE (CONT.)



Image source: NOAA National Severe Storms Laboratory

WHAT IS THE DIAMETER OF THE LARGEST HAILSTONE ON RECORD?

- A. 5 inches
- B. 8 inches**
- C. 10 inches
- D. 12 inches

July 23, 2010 in Vivian, North Dakota

Source: <https://www.wunderground.com/blog/weatherhistorian/worlds-largest-hailstones.html>

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Source and Image source: [NASA Goddard Space Flight Center](#)
from Greenbelt, MD, USA - Antarctic mountains

TRUE OR FALSE: THE SAHARA IS THE LARGEST DESERT ON EARTH.

FALSE

- Deserts are defined as regions where the rate of evaporation exceeds precipitation, and where precipitation is below 10 inches per year.
- The Sahara is 3.6 million square miles. Antarctica (which only gets about 2 inches of precipitation a year) is 5.4 million square miles.
- Antarctica is a polar desert, so it is often not grouped with the hot deserts like the Sahara, but it is a desert.

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Image source: <https://www.visitmammoth.com/trip-ideas/exploring-ancient-bristlecone-pine-forest>

HOW OLD IS THE OLDEST KNOWN LIVING TREE ON EARTH?

- A. 850 years old
- B. 1850 years old
- C. 2800+ years old
- D. 4900+ years old**

Bristlecone Pine in the Wheeler Peak, Nevada

Source: <http://www.rmtrr.org/oldlist.htm>

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Image source: Kaitlyn Kilpatrick

WHICH CAME FIRST, THE CHICKEN OR THE EGG?

THE EGG

Reptiles were laying eggs long before birds (almost 150 million years before)!

Source: <https://www.smithsonianmag.com/smart-news/problem-solved-the-egg-came-first-6910803/>

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Source and Image source: <https://insider.si.edu/2016/04/blue-bird-not-blue/>

TRUE OR FALSE: BLUEBIRDS FEATHERS ARE BLUE.

FALSE

- There are no known blue pigments in bird feathers or skin.
- The blues in a bluebird feather are called structural colors because they are created by the way light interacts with surfaces and spaces on a microscopic scale.



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