

Weather Internet Scavenger Hunt

Directions: Go to the sites provided and read the information. Answer all of the questions.

Snow crystals

1. What forms snow crystals: water droplets or water vapor? Explain.
2. What is the simplest type of snowflake?
3. How does a snowflake form? Give a brief description of its life cycle?
4. Cool videos: [Video 1](#) [Video 2](#)

Tsunami video

1. What is the most common cause for a tsunami?
A. Volcanoes B. Meteorites C. Earthquakes
2. How fast can a tsunami travel?
A. 100 mph B. 600 mph C. 1000 mph
3. How high can a tsunami reach?
A. 100 feet B. 600 feet C. 1000 feet
4. What causes the height of the tsunami to increase?
A. A very strong earthquake
B. Several earthquakes happening at the same time
C. Slowing down of the wave as it reaches a shoreline
5. In which ocean did the most damaging earthquake originate?
A. Atlantic Ocean B. Pacific Ocean C. Indian Ocean

Weather Stats

Rainfall stats

Use the two sites above to answer all of the following questions.

1. Where was the highest temperature recorded in North America? What was it?

_____ When? _____ oF _____ oC

2. Where was the coldest temperature recorded in Pennsylvania? What was it?

_____ When? _____ oF _____ oC

3. What location holds the record for the highest average rainfall? How much rain did it receive?

_____ inches or _____ mm

Earth's Atmosphere Review

Which layer of the atmosphere is the one farthest from the surface of the Earth?

Which layer of the atmosphere can you find meteors?

What can be found in the thermosphere?

In the stratosphere, which important feature blocks harmful rays from the sun?

Which gas makes up most of the troposphere?

Which layer of the atmosphere do we live in?

What does the Earth's atmosphere do?