Hazard_____ **Group Members**_____

Disastrous Data Worksheet

Directions: Using data from the U.S. map given to your group, find the mean, median, mode, and range. Record your work and answers below.

Mean - average
Find the sum of your data and divide by the number of addends. Round to the nearest whole number.   Answer_____

Median - middle number of a set of ordered numbers from least to greatest
Order your data from least to greatest and find the number that appears in the middle. If there are two numbers appearing in the middle, find the mean of those two numbers to determine the median.   Answer_____

Mode - the number that occurs most often in a set of data
Look back at your list of ordered data and find the number that is repeated more times than any other. *Hint: There can be more than one mode, especially if each entry occurs only once.
Answer(s) _____

Range - the difference between the least and greatest value in a set of ordered numbers
Look back at your list of ordered numbers and subtract the least value from the greatest value.
Answer _____

What are four consequences to humans?

What are four ways prevent deaths?

Disastrous Data Worksheet Answer Key

Directions: Using data from the U.S. map given to your group, find the mean, median, mode, and range. Record your work and answers below.

Mean - average
Find the sum of your data and divide by the number of addends. Round to the nearest whole number.

    Flash Floods – **4**
    Lightning – **2**
    Heat Extremes – **6**
    Tornadoes **– 2**

Median - middle number of a set of ordered numbers from least to greatest
Order your data from least to greatest and find the number that appears in the middle. If there are two numbers appearing in the middle, find the mean of those two numbers to determine the median.

    Flash Floods – **2**
    Lightning – **2**
    Heat Extremes – **2**
    Tornadoes – **1**

Mode - the number that occurs most often in a set of data
Look back at your list of ordered data and find the number that is repeated more times than any other. *Hint: There can be more than one mode, especially if each entry occurs only once.

    Flash Floods – **1**
    Lightning – **1**
    Heat Extremes – **1**
    Tornadoes – **1**

Range - the difference between the least and greatest value in a set of ordered numbers
Look back at your list of ordered numbers and subtract the least value from the greatest value.

    Flash Floods – **14**
    Lightning – **5**
    Heat Extremes – **43**
    Tornadoes – **6**

What are four consequences to humans?
Injury, loss of life, loss of property, loss of utilities (water, electricity, etc), inability to move from place to place, and other logical answers

What are four ways prevent deaths?
Safe place to shelter, educating people on what to do, quicker emergency services (police, fire, EMTs), more health care facilities, not panicking, educating people on how to handle downed power lines, loss of fresh water, keeping food on hand, and other logical answe

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Disastrous Data Oral Presentation

What are at least four consequences to humans from your natural hazard?

1.

2.

3.

4.

Give at least four ways that people can prepare for your hazard.

1.

2.

3.

4.