Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#  Storm StationsALL STATION WEBSITES CAN BE FOUND AT stlouisscience.weebly.com

### Tornados (website)

1. Explain what a tornado is.
2. When do they generally form?
3. According to the website, what states are in tornado alley?
4. Describe what happens at each of the levels of the F-scale.
5. What’s the difference between a warning and a watch?
6. Click on ‘Control a Tornado’. What size was your tornado?

### Hurricanes (TWO STATIONS—PAPERS AND WEBSITE)

1. Which latitudes produce hurricanes? Why?
2. Where does a hurricane’s energy come from?
3. If you lived in China, what would you call a tropical cyclone?
4. Fill in the table using the “Hurricane Station” website

### Floods (website)

1. What’s the difference between a flood and a flash flood?
2. How much water is needed for your car to float away?
3. Explain a monsoon.
4. What is Doppler radar and how does it work?
5. What’s the difference between a warning and a watch?
6. What can you do to prepare for a flood?
7. What should you do during a flood?

### Thunderstorms/Lightning (Zapped article--no website)

1. What do storm chasers use to find thunderstorms?
2. What causes electric charges in storm clouds?
3. What charges are near the ground, in trees, on rooftops, etc?
4. How hot can a bolt of lightning be?
5. What causes thunder?
6. Why are the storm chasers safe in their cars?
7. What is a fulgurite?

**Blizzards (website)**

1. Fill in the table.

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Location | Damage/Deaths |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |