Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Flood Data Sheet**

**Directions:** Before you begin “the flood” then, record a hypothesis each tool used. After each step record your observations. Make a conclusion about what can happen when a large amount of precipitation happens all at once.

| **Type of Precipitation** | **Hypothesis** | **Observation** |
| --- | --- | --- |
| **Light rainfall (spray bottle)** |  |  |
| **Medium Rainfall (Slow cup of water)** |  |  |
| **Heavy Rainfall**  **(Dump two cups of water at once)** |  |  |

**Conclusion:**

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

**Directions for extension:** These activities are optional. However, they are great to help students understand the concept of seismic activity and the effect of the hot sun on the land in Death Valley National Park.

| **Action** | **Hypothesis** | **Observations** |
| --- | --- | --- |
| **Slight Movement** |  |  |
| **Hard Movement** |  |  |
| **Left in the sun for 1 day** |  |  |

**Conclusion:**