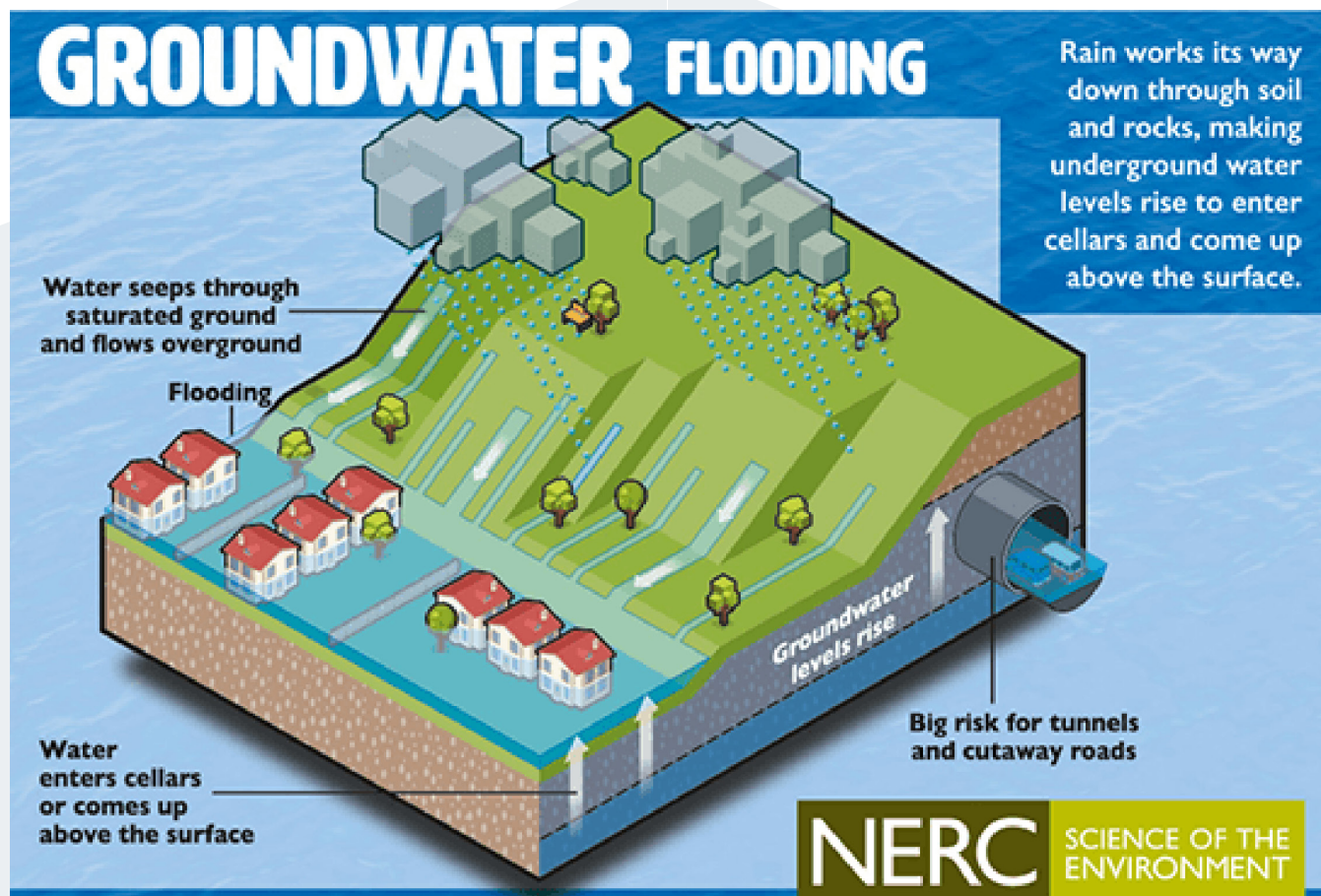


# Quasqueton Flood Resilience Action Plan: **WHY DOES MY HOME FLOOD?**

## river flooding vs. flash flooding



Understanding the climate and hydrology of the watershed, past flood events, flooding frequency, and precipitation trends, can help watershed residents and conservation planners to develop realistic goals and strategies to reduce future flooding and its economic, environmental and social impacts, especially on the most vulnerable populations.

Unlike many other riverbank communities, flooding in Quasqueton is largely due to a combination of water running off the land and a rising water table. This is commonly known as a “flash flood.”

The water table is defined as the boundary between the surface of the soil and the point

at which the soil is completely saturated with water. This boundary is dependent upon the level of water in the river. When a major rainfall event occurs, rainwater infiltrates the ground and the water table rises, often entering basements or low-lying areas. This type of flooding is difficult to predict and can be hard to prepare for without advanced notification.

