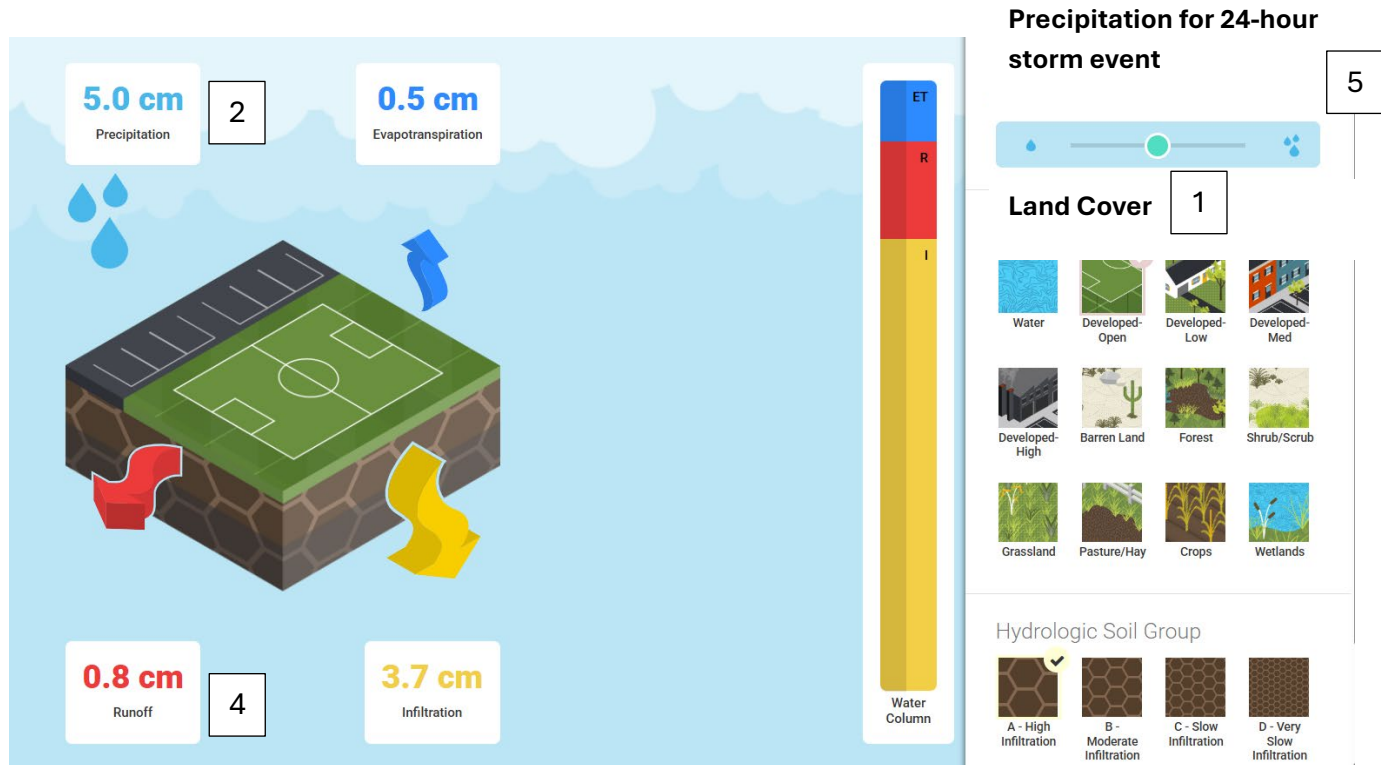


Runoff Simulation Using a Computer Model

Instructions:

Enter this address into your browser <https://runoff.modelmywatershed.org/>

Explore how the model works and fill in the data table.



INSTRUCTIONS

1. Click on a land cover.
2. Record precipitation amount.
3. Record runoff amount on the data table.
4. Use slider to change “precipitation for 24-hour storm event” in upper right of screen.
5. Record new precipitation amount on the data table.
6. Record new runoff amount on the data table.

Complete the data table for three land cover types.

Runoff Simulation Using a Computer Model

Land Cover Type	1.		2.		3.	
Precipitation Amount						
Runoff Amount						

What conclusions can you make about runoff and development?

Discussion: Look at an online map of the school or your neighborhood. Based on what you learned from this activity, what are some recommendations you can make that would reduce flooding in the area?