

How many rain barrels would your school need to collect rainwater?

#FLOODED
Activity Resource



Number of Rain Barrels Required

Use the following chart to calculate the number of rain barrels your school would need based upon rainfall volume. Refer to Tool C if needed. Check off the uses for the water collected in the barrels if you had them.

One way you can conveniently calculate the relative proportions of permeable and impermeable surfaces on your school grounds is by using GIS or online mapping tools (Google maps).

Volume of rain in a typical rain event	_____ litres
Volume of rain in a heavy rain event	_____ litres
Volume of chosen rain barrel	_____ litres
Number of barrels our school would need	_____ barrels

Uses of rain barrels

Which of the following are the purpose of the rain barrels at your school? Check all that would apply.

- Watering flower beds
- Preserving water quality
- Reducing stress on water supply
- Loweing the school water bill
- Other: _____

