

How Many Rain Barrels Are Required?

#FLOODED
Learner Worksheet



Number of Rain Barrels Required

Use the following chart to calculate the number of rain barrels your school would need based upon a typical rainfall event. Refer to the How Much Rain Falls? Worksheet if needed. Check off the uses for the water collected in the barrels if you have 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
- Lowering the school water bill
- Other: _____