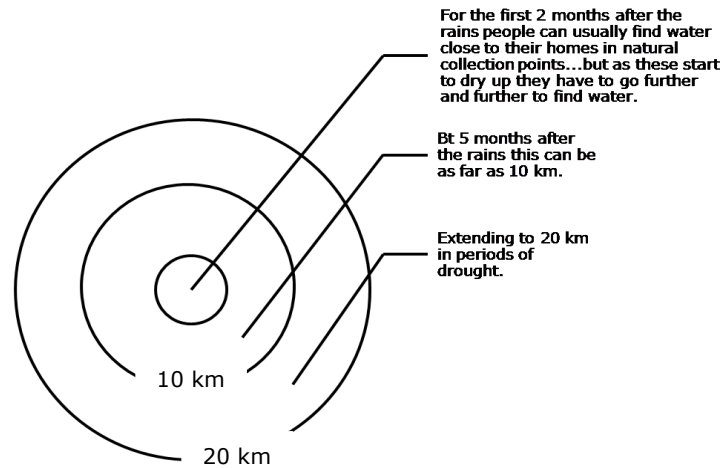


When you don't have water piped to your home...

It rains a lot in semi-arid areas in Kenya but only for a few months every year...



It's a long way to walk but the real issue is how much time it takes to walk there and back and to wait in the queue, especially in months when farmers need to plant and harvest.

Month	M	J	J	A	S	O*
Hours walked a day to collect water	1	1.5	2.5	3.5	5.5	8

*In periods of drought

The rains usually come in April and November. Above are the average number of hours each day people used to spend collecting water in the 6 months between rains.

- ♦ Farmers harvest their crops in July and August – what is the average time spent collecting water then? _____
- ♦ Farmers prepare their fields and plant in September and October – what is the average time spent collecting water then? _____
- ♦ Communities with sand dams spend an average of 1 hour each day collecting water throughout this period. How much time do they save during harvesting and planting times? Harvesting: _____ Planting: _____
- ♦ What do you think the impact is on their ability to grow enough food to eat & sell and for children to go to school?

With several hours a day saved from collecting water farmers can now...

More children go to school because...

Answer sheet: When you don't have water piped to your home...

- ♦ Farmers harvest their crops in July and August – what is the average time spent collecting water then? **3 hours a day**
- ♦ Farmers prepare their fields and plant in September and October – what is the average time spent collecting water then? **6.75 hours a day**
- ♦ Communities with sand dams spend an average of 1 hour each day collecting water throughout this period. How much time do they save during harvesting and planting times? Harvesting: **2 hours saved a day** Planting: **5.75 hours saved a day**
- ♦ What do you think the impact is on communities ability to grow enough food to eat and for children to go to school?

Answers can include:

With several hours a day saved from collecting water farmers can now...

Spend more time developing their farms, using techniques such as inter-cropping and zero-grazing to improve yields.

They can grow a wider range of crops as well as vegetables and fruit trees which improve nutrition and can be sold for an income to buy other necessities.

Farmers can use some of this time to develop other activities such as beekeeping and improving their goat breeds in order to have milk and honey to eat.

More children go to school because...

They are not needed to collect water or look after younger children while their parents are collecting water.

Parents are able to generate an income and pay for secondary school fees.