

TRANSCRIPT

Type: Guideline interview
Topic: Water utilization and drought affectedness
Date: 01/02/2014
Duration: 56 minutes
Location: Village name not available (near Ongwediva)

Code: OS5
Interviewer (I): RL
Translator (T): MK
Transcriber: RL (EN), EK (OW -> EN)

Attendants: OS-A (wife of head)

TRANSCRIPT

- 1 I: and livestock you said you have chicken, is there anything else in terms of livestock?
- 2 OW-T: apart from chicken what else do you have as livestock?
- 3 OW-OS-A: i also have pigs and goats
- 4 T: they also have pigs and goats
- 5 I: but how much, it's difficult to say, isn't it?
- 6 OW-T: is it difficult to raise those animal?
- 7 OW-OS-A: its not realy difficult unless the time of drought animals do starve but this time we have grass in the field we give them to eat
- 8 T: it's not really that difficult. it's only this time of drought, because they don't have anything to give to them. and it was difficult for her goats. but during this rainy seasons it's fine.

further household characteristics
- 9 I: what are the water sources that are located in this area, like let's say for two kilometers in the distance of your household?
- 10 OW-T: where do you normally get your water from or which places or how far do you get your water from /water sources?

11 OW-OS-A: we have two sources ,the dam and well

12 T: ok. only two sources of water, a dam and this well.

13 I: a dam and the well. ok, dam and well. plus the public water point?

14 T: yes, that's what she means by the dam.

15 I: that's the dam?

16 T: yes

17 I: ok, and you don't have a private tap?

18 OW-T: do you have a tap here in your house?

19 OW-OS-A: we don't have a private tap

20 T: no

21 I: ok, and how would you describe the quality of these two sources? is the dam water, so the water point water high quality? what about the well water?

22 OW-T: do you think the water from the well it has a high quality or clean?

23 OW-OS-A: we take drinking water from the dam and well because its more clean than the water we use from the pans for watering plants

24 T: ok. she said the quality, it's like- the tap water it's high quality on drinking or human consumption but this one, the well ones- the well water is also high quality on plantings and animals.

25 I: ok, so just in planting and animals.

26 T: livestock.

27 I: and the well, when does it dry up?

28 OW-T: which time of the year you don't see water in the well?

29 OW-OS-A: normally around november

30 T: somewhere in november.

- 31 I: in november?
- 32 T: yes, somewhere in november.
- 33 I: ok. but you use both sources of water, the tap water and the well water during the rainy season and during the dry season?
- 34 OW-T: do you use water from the well and tap water at the same time during dry season or rainy source?
- 35 OW-OS-A: no during the rainy season we use the water from the rain and during the dry season we use water from the well and taps
- 36 T: ok. yes, they use both water from the tap and from the well on both side- i mean on both seasons, dry and rainy season, if the well water is still ok. yes, they normally use it for washing and gardening and livestock. but if they are getting to bad they can only use it for gardening.
- 37 I: and the tap water is for drinking, for cooking and for personal hygiene, so everything that affects the body directly?
- 38 OW-T: do you only use tap water for drinking and body hygiene?
- 39 OW-OS-A: yes
- 40 T: yes.
- 41 I: and there is no time during the rainy season where you use the well water for cooking or even for drinking, when the quality is still very good?
- 42 OW-T: is there no time during the rainy season do you use the water from the well?
- 43 OW-OS-A: aye its unless we receive the water purification
- 44 T: no, unless they receive some other dose that they get from hospital to put in water.
- 45 I: ah, like the purification tablets?
- 46 T: yes, yes, yes that's what (inc.).
- 47 I: do you get these tablets or the purification equipment for free or do you have to buy this?
- 48 OW-T: do you get them for free?

- 49 OW-OS-A: we get them for free
- 50 T: they get it for free.
- 51 I: and do you get it every year a certain amount or do you have to ask for this? when do you get these tablets?
- 52 OW-T: do you ask for those water purifications maybe?
- 53 OW-OS-A: they only come sometimes from councilors ,like this year we didn't get.
- 54 T: it only comes certain times. they get it from the councilor. yes, but she said like this year they did not get it.
- 55 I: ok. and for the public tap water you have to pay. is it difficult for you to pay it?
- 56 OW-T: do you pay for the public taps ,and is it really a difficult thing to pay the water from public water?
- 57 OW-OS-A: its difficult to some to pay because we don't pay a lot of money it depends to the amount of water you get
- 58 T: so, it's difficult but not that difficult, due to that hey have the understanding. but she said to some other people it might be difficult if they don't really understand why they have to pay and so. because they only pay what they use.
- 59 I: yes. but is it, of course they understand they use the tap water because it's high quality it's good for their health. but is it affordable for the household in terms of money? is there enough money to pay the water that they use?
- 60 OW-T: is there enough money to pay water always?
- 61 OW-OS-A: yes sometimes they use to be enough,but sometimes only a few pay so they don't use to be enough.
- 62 T: yes to them it's always affordable.
- 63 I: but do you know neighbors that can't really afford to buy the water and sometimes just don't pay or they use the low quality water because they have not enough money? is it the case in your community?
- 64 OW-T: do you know some neighbours who cannot afford to pay the public taps and get water from the well?

- 65 OW-OS-A: not really only those who don't like to pay for the public water ,so they end up using the water for the low quality because they only pay twenty dollar for it. unless you have your own tap at home
- 66 T: yes there are some other people, those they don't pay, but then, she said, paying at the public water point is not that expensive to them, because they always spend around twenty dollar per month, while those people with the private taps sometimes spend around fifty, forty, there around. to them it's very easy, because they don't go to the water point every time, because it's a bit a distance, not like having a tap in the house. when you need you can just go and get water from the tap, you get water from the tap till you (inc.) get that high bill. but to them they just get their, put in the house and they take care of that water they get. so it's less to them in payment.
- 67 I: is it a flat rate that you pay or is it, do you exactly pay for the amount that you use?
- 68 OW-T: is it a must that you always have to pay twenty dollar every time you fetch water from the tap?
- 69 OW-OS-A: no its not sometimes we pay ten its only when you use a lot of water that you pay twenty.
- 70 T: so it's not a flat, it keeps on moving, just according to how you use.
- 71 I: yes. do you remember when there was the last failure of the system, of the public water point, when it did not work?
- 72 OW-T: can you remember the last time you did not have water from the tap maybe ?
- 73 OW-OS-A: it w as december but we use to get the water from the tank .it went off just for 2 days
- 74 T: yes they were off during december.
- 75 I: during the whole month?
- 76 OW-OS-A: i will go get the water from a pan from near us that don't go dry.
- 77 T: only two days.
- 78 I: ok, but two days is not a big problem?
- 79 OW-T: did you guys had a problem when your tap water goes off?

80 OW-OS-A: no it was not a problem because we had a water tank that we use instead of the tap

81 T: not it's not a problem, apparently because they have the dam.

82 I: the dam?

83 T: yes the green thing, that stores water for them for that couple of days.

84 I: ok, and just if we assume that in the dry season the water point is switched of for one week, just assuming this, what would you do then?

85 OW-T: what if the water point is switched off ,where would you go get the water from?

86 OW-OS-A: i will go get the water from a near by pan.

87 T: she will go get water from the well somewhere far.

88 I: ok. alright. and how do you collect the water from the water point?

89 OW-T: how do you handle the water at this point?

90 OW-OS-A: i only use water when its needed.

91 T: so it's according to how much you need water. so if you need water for washing for example you may even go and get four buckets of water but if you are not in that need for more water you can even just go and get two buckets or three.

92 I: so you get the water demand oriented, you just go there when you need it?

93 OW-T: so you only use water when you need it. like for drinking and coking and body hygiene ?

94 OW-OS-A: yes

95 T: yes.

96 I: and let's say one day you only need water for drinking, for cooking and for washing yourself. how much is this?

97 OW-T: how many liters or buckets of water do you need for all the households?

98 OW-OS-A: only three the twenty liters.

99 T: she only collects three twenty liters.

100 I: three twenty liters buckets?

101 T: yes

102 I: and the person in charge to collect this water is one of your children?

103 OW-T: who is responsibly of fetching water is it your children?

104 OW-OS-A: no like at our tap no children are allowed ,so its me and my husband ,kids can go get water from the well for gardening.

105 T: so, there is now one really in charge. but there is only a rule of the water point that they don't allow children- kids to come and collect. only her and the husband they can go and fetch water. but the kids can come and fetch water from the well, for the gardening things.

106 I: ok, do you practice rainwater harvesting at home?

107 OW-T: do you get rain water at home from somewhere?

108 OW-OS-A: yes we get from corrugated iron.

109 T: yes they do, they get it from the corrugated iron.

110 I: ok. do you think this is a good complementary to the tap water system?

111 OW-T: do you think this is a good thing that saves tap water sometimes?

112 OW-OS-A: yes its reduce the number of buckets from the tap

113 T: yes it's reducing the number of their buckets from the tap.

114 I: so in the end it's the price, the reason?

115 OW-T: so here now you not going to use much water from the tap and you don't have to pay?

116 OW-OS-A: yes we don't pay the month we did not use water from the tap

117 T: yes.

- 118 I: and what about water reuse practices? like for example using water that was used for washing for irrigating the garden?
- 119 OW-T: do you reuse the water that you used already for example the water you used when you wash clothes for something else not throwing them away?
- 120 OW-OS-A: we use sometimes to water some plants. the big ones.
- 121 T: ok, yes they do but only to this bigger grown up trees. yes, not to the small ones.
- 122 I: ok i see. and you said you are practicing farming, you are growing mahangu and is this only for you own consumption for the household consumption or do you sell some of the food?
- 123 OW-T: apart from the mahangu farming that you do is there something else that you do that also help you with the income to support your family?
- 124 OW-OS-A: when we have a lot of mahangu we use to sell some like we don't have a big field so our mahangu is just for our family. unless we have beans that we sell also.
- 125 T: so it's just for human consumption, just for their family consumption. yes, only beans, some beans they can sell some if they got enough beans.
- 126 I: and is there another food that you buy at supermarkets or at local markets and even spices like salt for example, do you buy it somewhere?
- 127 OW-T: is there other food that you buy from the supermarket that you use in your house like those soups ,breads or salts and others?
- 128 OW-OS-A: yes we do.
- 129 T: alright, yes.
- 130 I: and, you said that you use water of course for drinking, for cooking, for doing laundry, for body hygiene, for watering livestock, for watering the garden. are there any other activities that you do that require water? for example your husband is in bricking making and construction, does he use water or are there other water activities beside that?
- 131 OW-T: apart from drinking water ,laundry ,cooking and watering the garden what else you use that water for ,does your husband use that water also when he is building?

- 132 OW-OS-A: yes like building we need water ,when my husband is mixing sand with cement.
- 133 T: yes there is more specially when the husband is doing building, he request water also, he needs water specially for mix cements and sands and so on.
- 134 I: but this water is taken from the well?
- 135 OW-T: is this water taken from the well?
- 136 OW-OS-T: it depend to the house he went to work where they take their water from
- 137 T: it depends where the husband is working. if he is working in the house where there is a tap water in the house (house mates?) want to use the water from the tap they give the water from the tap. or if they want to use the water from the well and if well is very close they can get the water and use it.
- 138 I: ok. can you say how many buckets of water you need for your garden, daily?
- 139 OW-OS-T: do you how many buckets of water do you use to water your plants in a day?
- 140 OW-OS-A: i use five liter to small ones but i use twenty liters to water the big ones but now we only have few plants we use to have a lot but now they died
- 141 T: she used to have lot's of trees, but because of the dry season they all died. and now she only has two lemon trees. but she said, per day, if a little tree she can put five liter bucket but if its bigger she put twenty liter bucket per day. and she used to have a lot of trees during the rainy season.
- 142 I: and in the dry season when there is now rain, does the amount increase like then you have to take forty liters for the big tree and twenty liters for the small tree, does this change?
- 143 OW-T: do you also changes the liters of buckets to water your plants during the rainy season?
- 144 OW-OS-A: no when its rainy season i don't water them ,yes i can sometimes change during dry season ,two bucket to water the big ones
- 145 T: it changes during drought. it change, it can be two twenty liters on the

bigger ones and one on the smaller ones or even more.

146 I: and if the well is dry so there is no water anymore, would you also take tap water to water your trees in the dry season?

147 OW-T: when the well gets dry so there is no more any water source do you also take tap water to your plants during the dry season?

148 OW-OS-A: yes

149 T: yes she can get water from the tap and water the garden during the drought.

150 I: good. ok then we will come to some questions on drought. and the first would be: please tell me from your own perspective what is drought for you, when you hear this word, what comes to your mind? what is drought?

151 OW-T: how do you understand drought in your own knowledge or what is drought to you?

152 OW-OS-A: drought its when we didn't receive the rain because the rain gives us our foods ,when theres is no rain then no food

153 T: so to her drought is only when the rain did not rain. it's called drought to her.

154 I: ok, and how are you affected by drought, you and your household?

155 OW-T: how does this drought affect you and your household ?

156 OW-OS-A: like last year we didn't had any mahangu and our goats died of hunger

157 T: so, they were really badly affected because they did not get anything from the field and even their goats went and died because there is no food.

158 I: so this is in terms of food for themselves and food for their livestock? and in terms of water?

159 T: and the garden tree died.

160 I: the garden tree died and in terms of water for consumption she was not affected because this water you draw from the tap – the tap is not affected by drought?

- 161 OW-T: the water is not affected but still do you have to pay for more water usage and how do you survive with food since your plants died?
- 162 OW-OS-A: now you have to divide that money to buy also food for the family and again you have to pay the water
- 163 T: yes they were also affected in terms of water because she always has the responsibility of paying the water. in the same time she has to go and buy food. on the other hand she also to maybe to go and buy medicine for their goats. so in those three or four things she was also affected by the water.
- 164 I: was there also some kind of social tension in the household because it was such difficult situation or social tension so like a dispute in the community?
- 165 OW-T: was there any tension in your household or in the community because of the difficult situation?
- 166 T: in which case?
- 167 I: in the household itself and in the community so that they argued against each other, who is getting water and, you know?
- 168 OW-OS-A: do you find yourself and the rest of the community arguing who will get water ,maybe .when there is a shortage of water?
- 169 OW-OS-A: not really because all people know that there is no water so conflict was no there.
- 170 T: there were no conflicts or anything in connection with water because everyone understands there is drought and those are the only water.
- 171 I: do you help each other from household to household, from neighbor to neighbor like offering food, offering water and this for free in these extreme situations?
- 172 OW-T: do you help each other when you have serious situation like lack of food or water with your neighbours without the exchange of money?
- 173 OW-OS-A: yes sometimes you give to your neighbours when you have enough we do help each other but we don't expect money from one another in exchange of what we give.
- 174 T: ok, so they do help each other, neighbors to neighbors if you get this and give your neighbor if you get this and she give you if you got what but there is no exchange of money.

- 175 I: and what else do you do in these extreme situations? do you for example sell livestock to get money to be able to buy new things or do you have relatives in the city who can send you money or who can help you out in any kind of way?
- 176 OW-T: during the dry season do you have any family members who help you out like with money or do you sell some of your livestock for you to survive?
- 177 OW-OS-A: not really but like the time of drought we sell some goats and we keep that money to the bank with the reason that when the rainy season comes we will buy another goats
- 178 T: so, just like the last drought, they sell some livestock, but it not used up that money they just deposited it in the bank with the reason that when the rainy season comes and the grass grows and becomes ready for the goats, they can buy another goat with the money that they just saved in the bank.
- 179 I: and relatives are not an issue? this is not possible?
- 180 OW-T: is there any family member who helped you out with this situation?
- 181 OW-OS-A: like on christmas some family members come to visit and give us a little of what they have
- 182 T: yes there are some, mostly during christmas, the relatives come and visit them and give a little of gifts.
- 183 I: did you receive drought relief from the government?
- 184 OW-T: did you receive any drought relief food from the government?
- 185 OW-OS-A: yes
- 186 T: yes
- 187 I: was this enough or was this just a drop on the hot stone?
- 188 OW-T: was this drought relief food enough or it was just something came up?
- 189 OW-OS-A: its much better ,it help us really a lot. we also use other food to mix with the drought relief for it not to get finished
- 190 T: it's not enough and it's not that little so it's just between, because after they got that they always have to buy maybe maize meals or mahangu

meals to mix so to prolong the living.

- 191 I: i would like to come back to selling the livestock, taking the money to the bank, waiting for the rainy season for more grass to be grown and then buy some new livestock. this was the process. was this your own idea to do this?
- 192 OW-T: who s idea was it to sell goats and keep the money at the bank to wait for the rainy season some you buy new goats?
- 193 OW-OS-A: yes it was me and my husband idea.
- 194 T: there are two reasons, her and her husband.
- 195 I: when do you sell the livestock exactly for this process?
- 196 OW-T: what time of the year did you exactly sell your livestock?
- 197 OW-OS-A: it was november to october there.
- 198 T: somewhere in november and october.
- 199 I: then you get the money, bring it to the bank and when do you buy new livestock?
- 200 OW-T: if you get the money and stored it at the bank ,did you buy any new livestock?
- 201 OW-OS-A: not yet.
- 202 T: not yet buy new livestock.
- 203 I: ok but in what month would that take place?
- 204 OW-T: in which month do you plan on buying your livestock?
- 205 OW-OS-A: we estimate to buy from march if we receive a good rain.
- 206 T: so they will buy during march depends on water, i mean on the rain. if the rain rains and they can really see that the rain is still gonna rain, then they go buy. but not like maybe they go and buy now but then the rain stops so that would still be a waste.
- 207 I: and the money you got for your livestock and stored it at the bank, do you get the same amount of livestock for this money or does the money lose value, you know? you sell ten goats for example but in the end you

can only buy eight goats again with the same amount of money.

- 208 OW-T: do you think you will get the same amount of money when you sell your goats with the amount of money you bought them ,like you bought two goats but you will only end up buying one goat?
- 209 OW-OS-A: if the goats become expensive ,we might loss ,but if we negotiate we can buy the whole oats
- 210 T: just depend on the price. if the seller is selling on a negotiable price they can buy two, but if the seller is rising up the price, so they can even buy one.
- 211 I: what do you think would be the most effective mechanism to help you in the case of drought?
- 212 OW-OS-A: what do you think is the best way to help you in the time of drought ?
- 213 OW-OS-A: we need maybe to sell your own things like fat cakes at school its much better it will bring a little of income in the house.
- 214 T: selling would be the best mechanism for her, because she said during drought you know she has enough time to go and sell for example at school. she bake a traditional bread and then go sell at school. she regard that as the best mechanism for her to help her during the drought.
- 215 I: but you did not yet think of moving away from here because drought is so intense sometimes?
- 216 OW-T: have you ever think of moving from this place before when drought get worse ,like sometimes when you experience drought ?
- 217 OW-OS-A: no because drought is everywhere.
- 218 T: where else can you go where there is now drought.
- 219 I: and the last question would be. say you get, from wherever, a huge amount of money, you're not a millionaire, but a huge amount of money, how would you spend it?
- 220 OW-T: lets assume you get a huge amount of money from somewhere but you not a millionaire ,how would you spent it?
- 221 OW-OS-A: i will increase my field and start my own business and start a crushing mahangu business so that i will be getting money everywhere,i will also bring a tap in my house but i'm not gonna buy a car because the

car uses a lot of fuel.

- 222 I: would you buy a car or would you buy a bigger water harvesting tank or what would you do? would you extend your field or would you build a new house, you know? all options, what would you do?
- 223 OW-T: between the car and the higher water harvesting tank what will you choose or go for .or would you build your own very house or increase your field hectares?
- 224 OW-OS-A: its also a good idea i will see which one is the best
- 225 T: she gets money, she cannot buy a car, because a car is consuming fuel if the money get finished she will be bankrupt. but she can buy, she can put water, private tap in the house. she can open up a business somewhere where there is electricity, it's only there's no electricity here otherwise she can have a mahangu greeding machine here. then people pay to here so she makes money. or she make another business that can generate money.
- 226 I: and a rainwater harvesting tank, a bigger one to store more water, this is not an option to her?
- 227 OW-T: so you wouldn't consider having the rainwater tank to store water?
- 228 OW-OS-A: it is also important to me
- 229 T: it's also an option to her.
- 230 I: alright, i think that was it.