

GRID DOWN, WEEK TWO, NO RUNNING WATER

MAKE **SAFE** WATER WHEN THE TAP IS DEAD

Day 7 to Day 14, the stored water is gone and now you make safe water over and over from the sky and the ground. The whole cycle is four moves: find it, catch it, clear the cloudiness, then kill the germs. Clear is not the same as safe, so you never skip the last step. Aim for one gallon per person per day, more in the heat.

CLEAR IS NOT SAFE

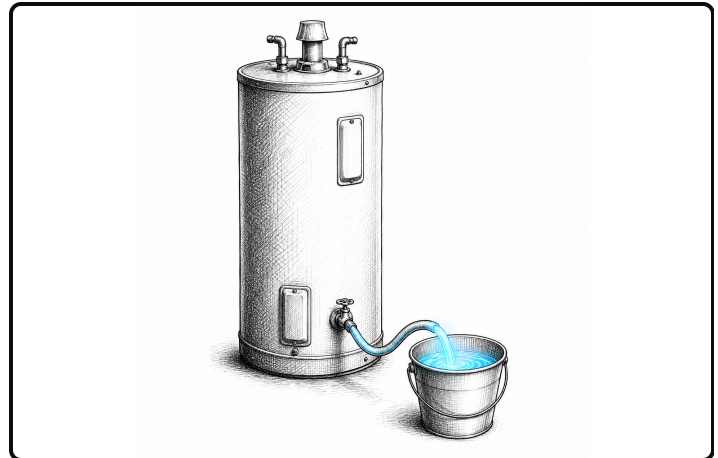
Clear water can still be full of what empties you out from both ends. Water carries three separate problems, and you attack them in order.

- ☐ Particles: dirt, grit, and cloudiness you can see. The filter handles this.
- ☐ Pathogens: bacteria, viruses, and parasites you cannot see or smell. Boil, sun, or bleach kills these.
- ☐ Chemicals: roof runoff can carry lead, copper, even old asbestos. Nothing here removes these, so choose a clean source instead.

FIND IT FIRST

Before you make any, tap the water already trapped in the house.

- ☐ Water heater tank: 40 to 50 gallons. Shut its power off and close the valve first, then drain from the bottom.
- ☐ Toilet tank on the back, never the bowl.
- ☐ The pipes still hold water. Drain from the lowest faucet.

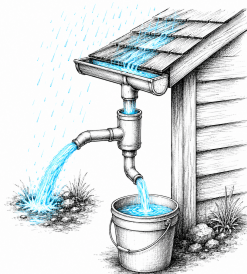


Drain the heater tank from the bottom valve, power off first.

CATCH RAIN

One inch of rain on about 1000 square feet of roof works out to roughly 600 gallons.

- ☐ Sag a clean plastic tarp at the corners, funnel the low point into a food safe container.
- ☐ First flush: let the first dirty burst off the roof run to waste before you collect.
- ☐ Food safe surfaces only. Never catch off a surface that touched anything toxic. If you do not know what your roof is made of, catch off a clean tarp instead.



A first flush diverter dumps the dirty opening burst before the clean rain funnels into your bucket.

CLEAR IT

Build a bucket filter with a few small holes in the bottom. Stack it in this order, then pour cloudy water in the top slowly and let gravity walk it down.

- ☐ Clean cloth on the very bottom.
- ☐ Thick layer of sand.
- ☐ Crushed hardwood charcoal, never lighter fluid briquettes.
- ☐ More sand on top.

The sand strains grit and fine particles. This makes water clear, not safe. It does not reliably remove germs and does nothing for chemicals, so purify next. Every time.

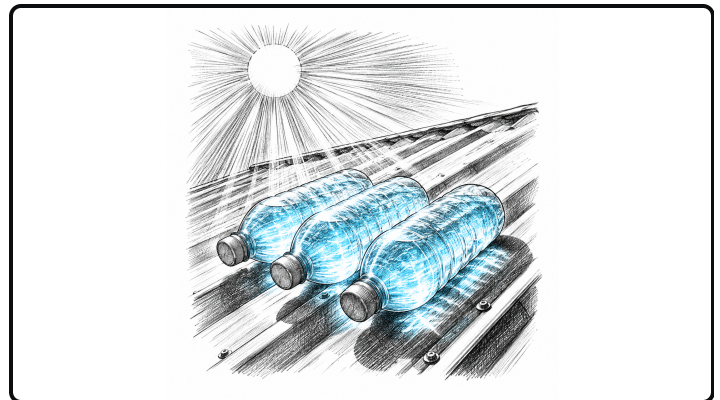
PURIFY, PICK ONE

Only after the water is clear. Cloudy water hides germs from the sun and wastes the bleach.

Boil, hard rolling	1 minute
Boil, above 6,500 feet	3 minutes
Bleach, clear water	8 drops per gallon
Bleach, cloudy or cold	16 drops per gallon
Bleach, then wait	30 minutes
Sun in clear bottle, full sun	6 hours
Sun in clear bottle, cloudy sky	2 days



Cutaway: cloth, sand, charcoal, sand. It clears the water, it does not make it safe.



Full clear bottles on their side in strong sun. Sunlight wrecks the germs. Six hours clear, two days cloudy.

Sun method: clear colorless bottle marked recycling 1, no bigger than 2 liters, label peeled, filled full and capped, laid on its side in direct sun with noon in the middle of the stretch.

READ BEFORE YOU DRINK

- ☐ Clear does not mean safe. The filter alone leaves germs alive. Always finish with boil, sun, or bleach.
- ☐ Bleach must be plain unscented household bleach, 5 to 9 percent sodium hypochlorite, no scents or cleaners added.
- ☐ Newspaper test: if you cannot read print through the full bottle, it is too cloudy for the sun. Run it back through the sand.
- ☐ Nothing here removes chemicals. Beat that problem by choosing a clean source, never by treating later.
- ☐ Boil when you have the fuel. Bleach and sun are both weak against a few tough parasites.

STORE AND REPEAT

- ☐ Store in a clean food grade container, cool and out of the light.
- ☐ Write the date on it and rotate through it within about 6 months.
- ☐ Treat with the real dose before storing. Never just splash in a few drops.
- ☐ Drink one gallon per person per day, more in the heat.
- ☐ Stay a full day ahead: drink yesterday's batch while today's is out in the sun.

Week two flips the game. You stop counting down a reserve and start running a cycle: catch, clear, kill the germs, store, repeat tomorrow.

THE 40 DOLLAR KIT

- ☐ A couple of clean tarps.
- ☐ Two or three food safe buckets.
- ☐ A bag of plain play sand.
- ☐ Plain hardwood charcoal from a wood fire.
- ☐ A stack of clear plastic bottles, free once you stop tossing them.
- ☐ One small bottle of plain unscented household bleach.

About 40 dollars total, less if you already own the buckets and bottles. A system you can rebuild from garbage, again and again.

KEEP GOING

Watch the full build: youtube.com/@SketchySurvival101

More free sheets: sketchysurvival101.com/free

Subscribe so the day the tap stops does not catch you flat footed.