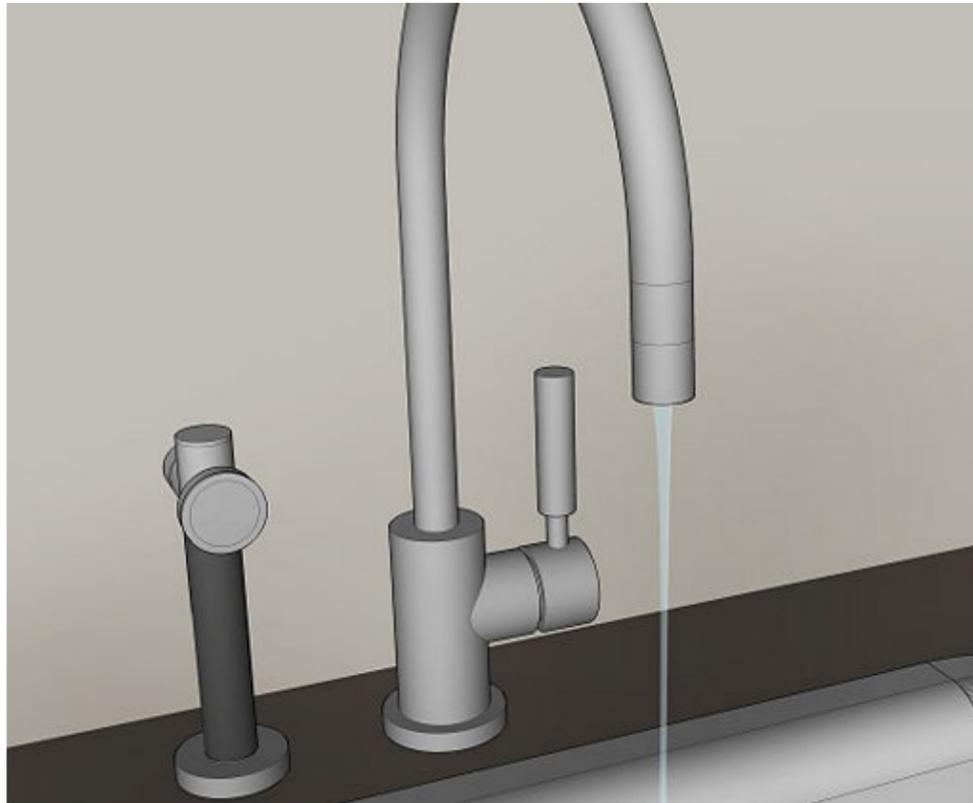
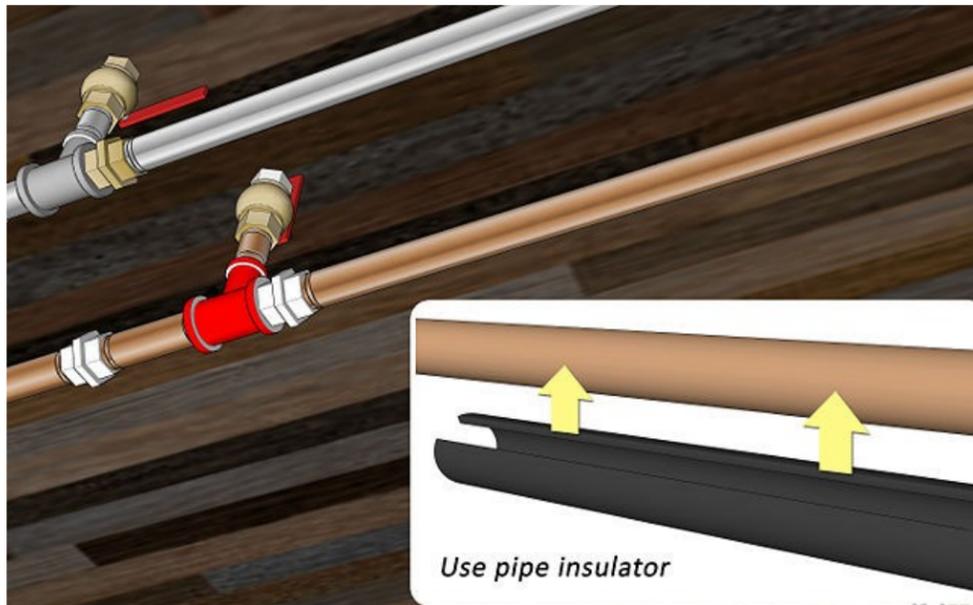


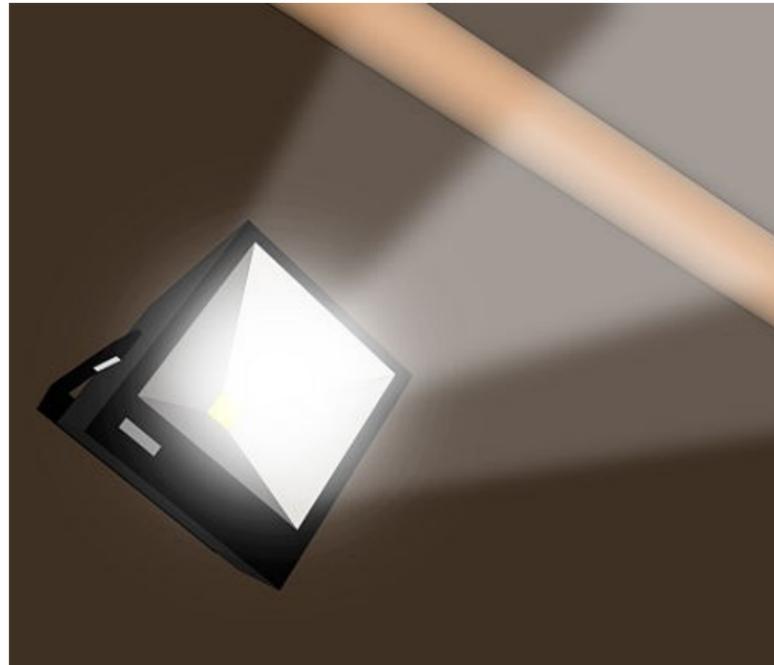
# PREVENT WATER LINES, METERS & DRAINS FROM FREEZING DURING FRIGID PERIODS...



To help prevent frozen pipes let the water run no faster than a slow constant drip; this is much cheaper than repairs. First start a slow drip on the hot side faucet, then a faster drip on the cold side faucet. There is no need to run a lot of water. Bathrooms can be cold, as long as they aren't freezing.



Insulate all water pipes from cold moving air and keep them dry. This photo shows an "overcoat" of insulating material that can be installed onto exposed pipes. Fill cracks around doors and windows to eliminate drafts.



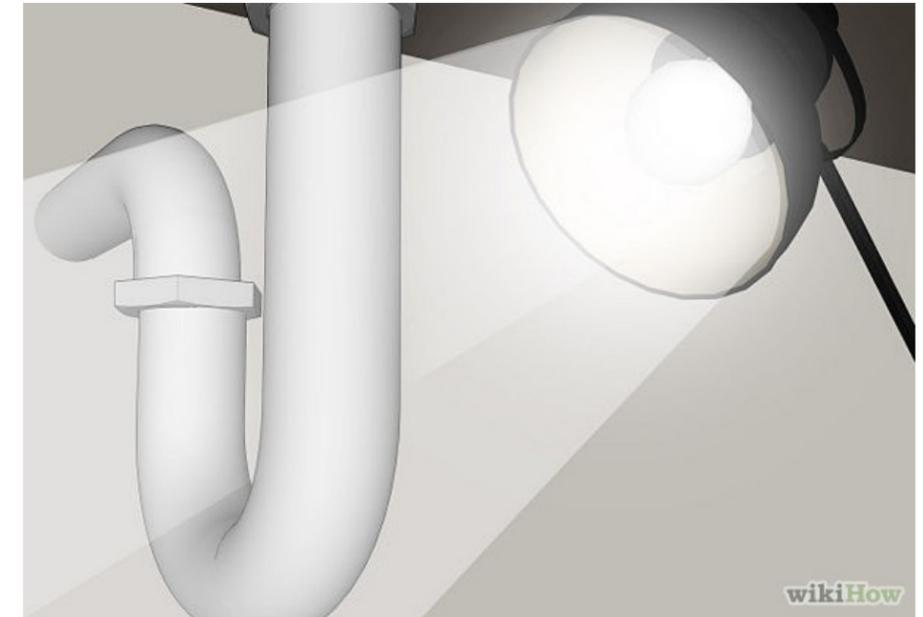
Use either heater tapes wrapped around the pipes or a heated reflector lamp in a dry enclosed space. On cold nights, check the light to see that it is working. The heater tapes work by a built-in thermostat. In order to work, the tape must be wrapped between the pipe and the insulation.

## Meter Tips...

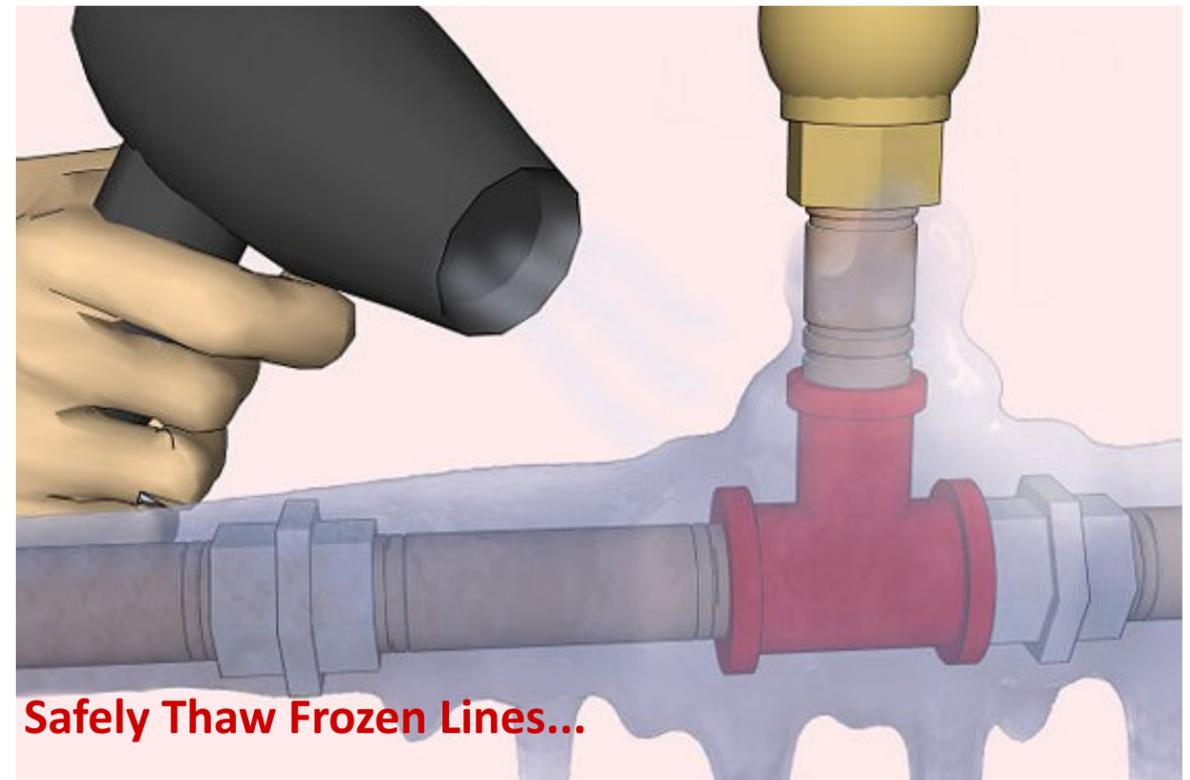
It's colder near the floor of a basement than at the ceiling, so make sure warm air is allowed to circulate around your meter. Leave doors open to meters in separate rooms to allow warmth to circulate. Open doors to meters or water pipes within cabinets. For outdoor meters in pits, see that the cover fits properly with no cracks into which cold wind can blow. The pipes, valves and the meter inside such pits should not touch the concrete walls.

## More...

- A. Locate the main water shut off in case you need it. Leaks often happen when pipes thaw out.
- B. Open cupboards to sinks or other plumbing on exterior walls.
- C. Disconnect exterior hoses from the building prior to freezing temperatures.



Remember to insulate and heat the drain lines in crawl spaces and cold basements. Again, a heat lamp focused on the drain p-trap will keep it from freezing if it is also protected from moving cold air with a boxed enclosure that you can build yourself.



Heat the area around the frozen part with an electric space heater, a hand-held hair dryer, or a heat lamp in a reflector. Turn on faucets. Once water has begun to flow again, let a pencil-sized stream of water flow through the faucet until normal heating is restored to the area.