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## Conclusions & recommendations

- The ability of the balls to reduce water loss from evaporation is considerable, between 66-94%.
- An average reduction of the temperature of 4-6°C in the summer has a considerable effect on the biological and chemical dynamics. Many of the differences between the two pools became more evident from winter to summer as temperatures increased, with an apparent critical change above 21°C for conductivity, dissolved oxygen and pH.
- For this experiment, it should be kept in mind that much of the development of the aquatic ecosystems in both pools were artificial as there were no fish in the system. This would have made a considerable difference in the plankton dynamics, their densities and in controlling the insect populations, particularly the larval stages of the small insects.
- Where possible, the use of fish as biological controls with the balls in reservoir management is essential, particularly in eutrophic reservoirs

