

From page 28 of “Wungong Catchment Environment and Water Management Project” published by the Water Corporation March 2005.

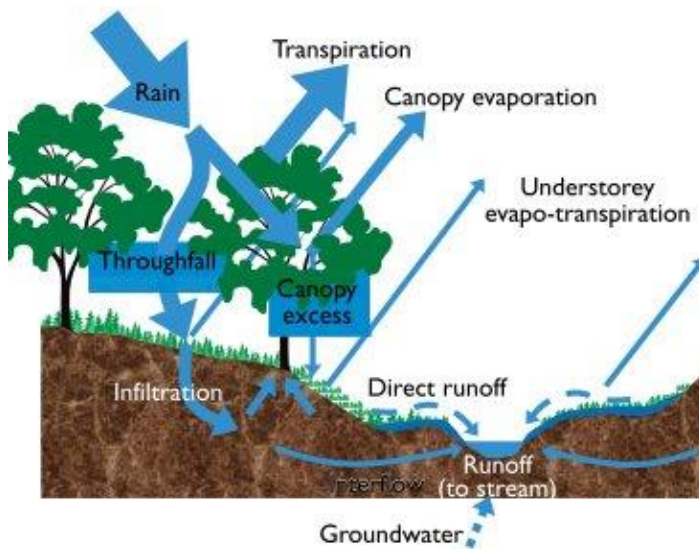


Figure 12 (above) Run-off in a forested catchment

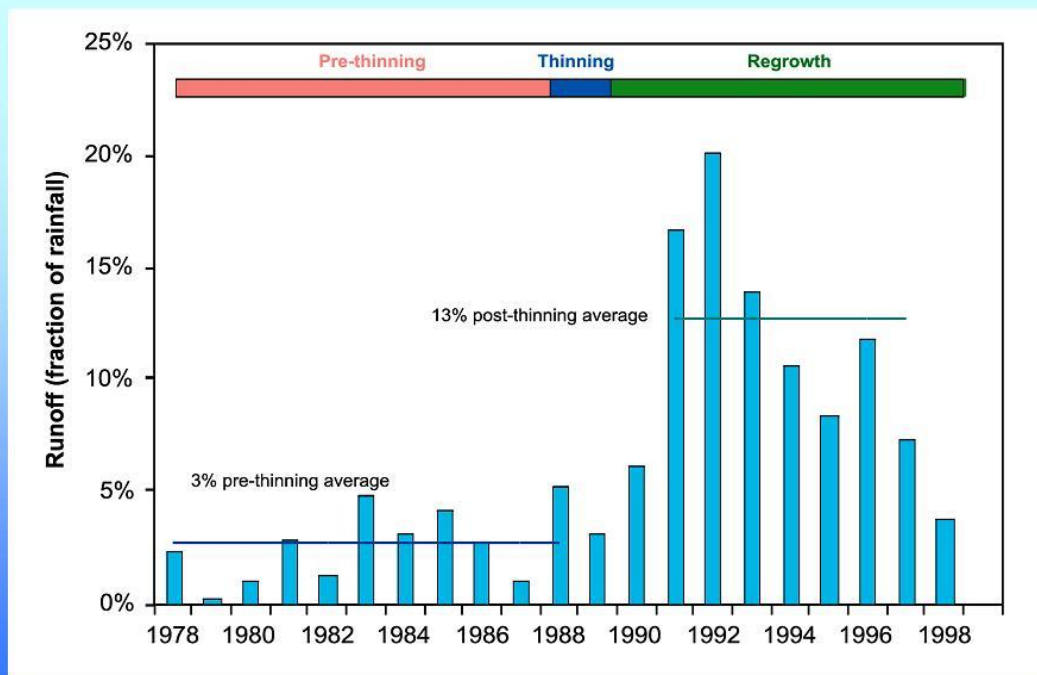


Figure 13 Increase in water yield by thinning from 37 to 15 m²/ha (Higgins Catchment north of Dwellingup with 1190 mm average rainfall during study)

Past research with catchment thinning to a similar basal area as that being proposed for the Wungong Catchment is shown in Figure 13 (although this was a once off thinning without the follow-up management planned in the Wungong Catchment Management project) and therefore shows a decay in water yield after about five years – returning to pre-thinning flows by 12 years (Bari and Ruprecht, 2003).