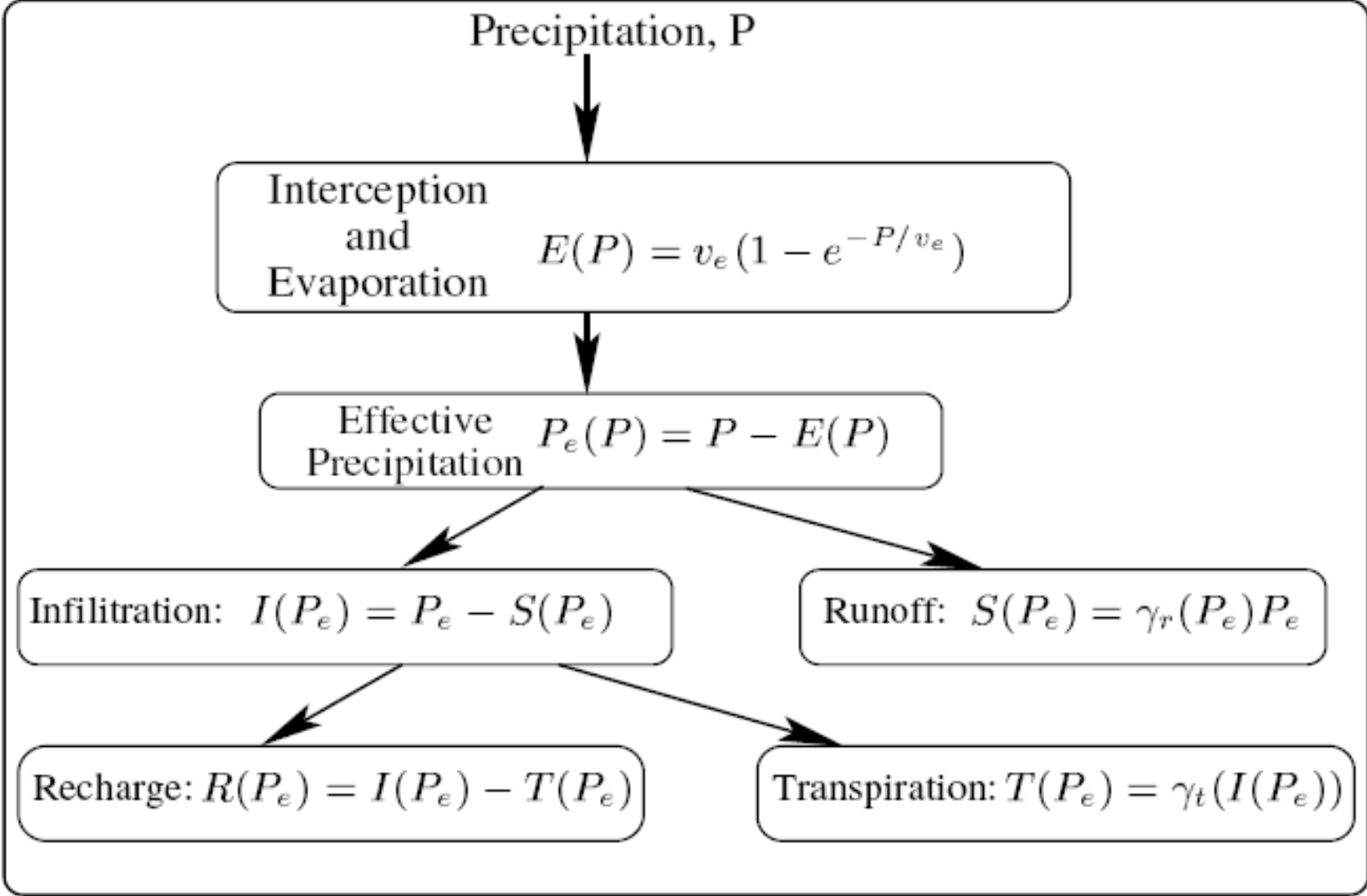
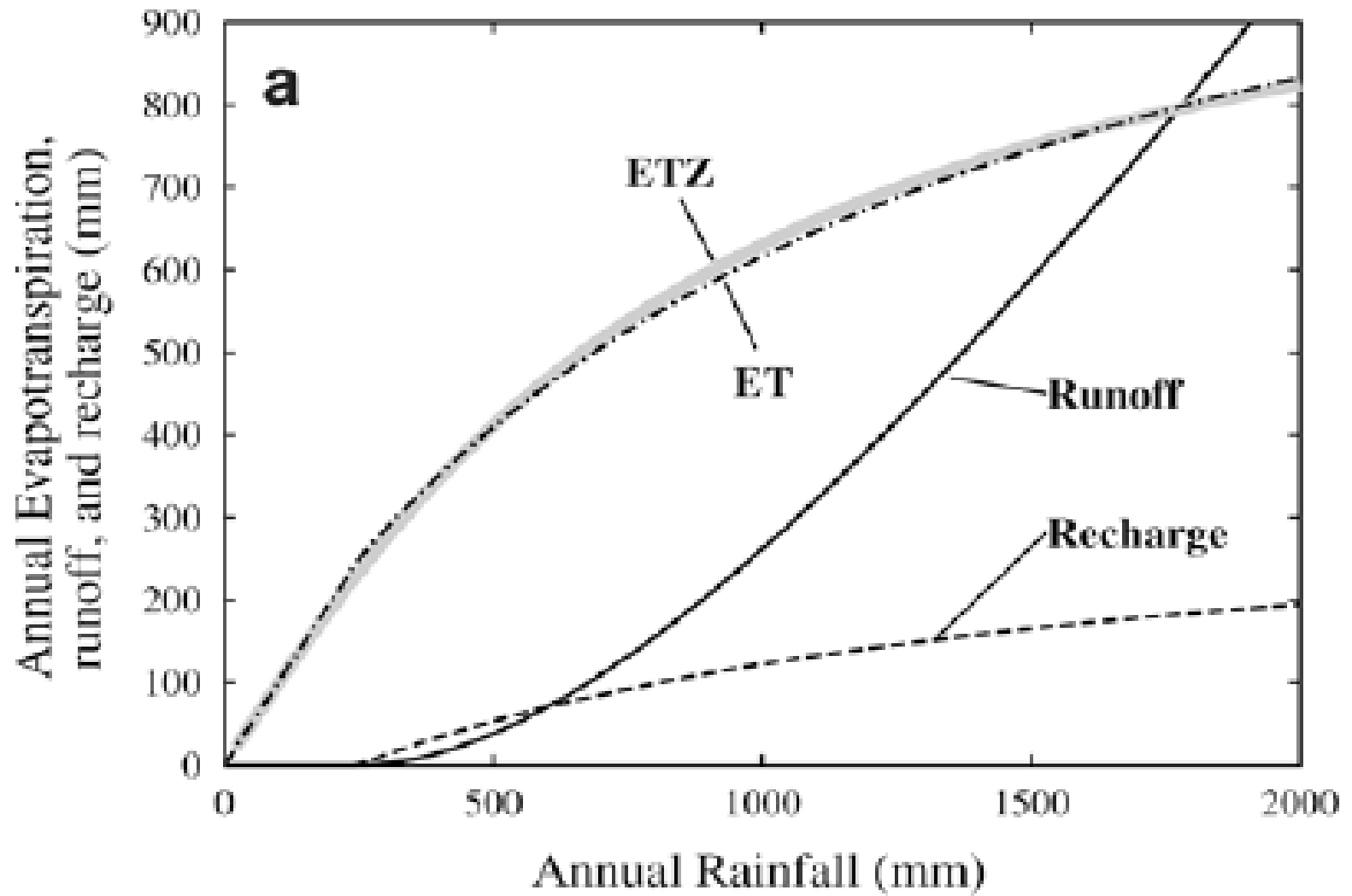




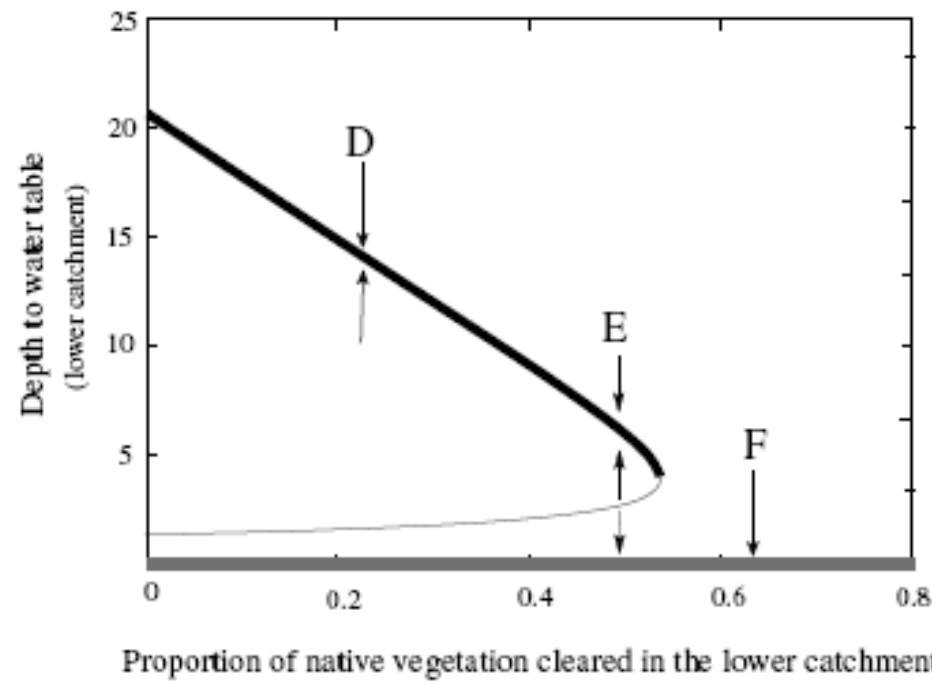
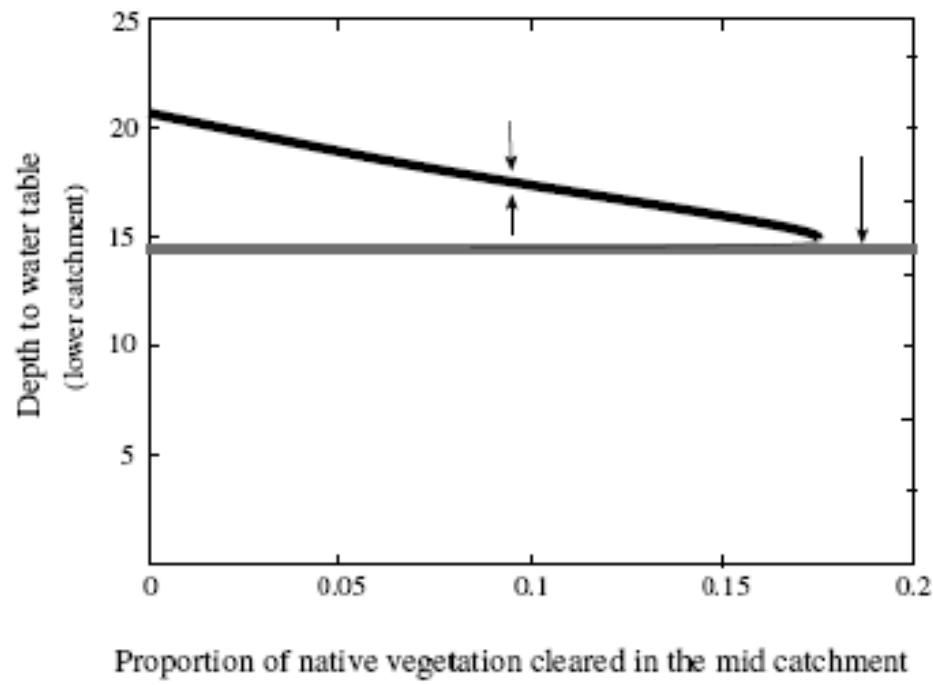
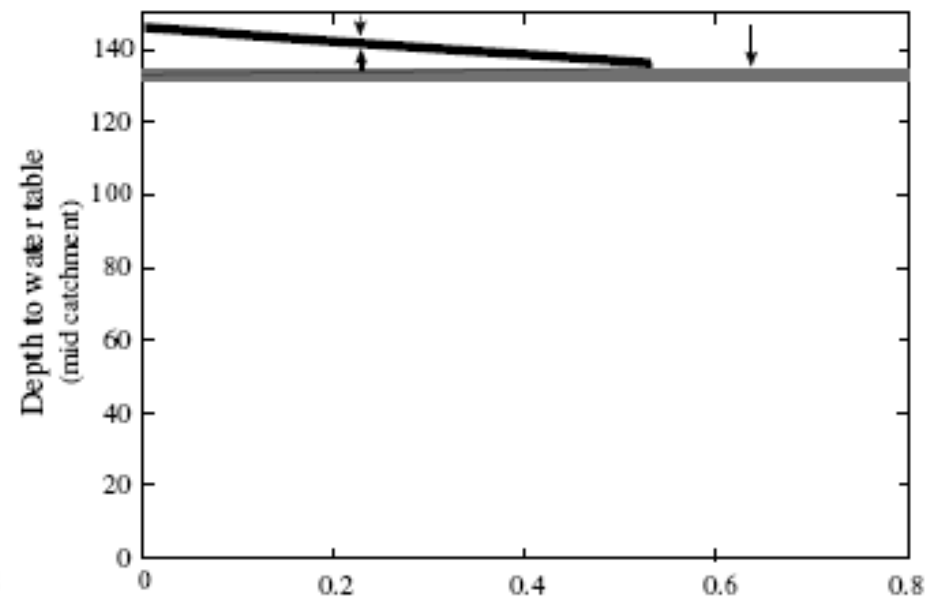
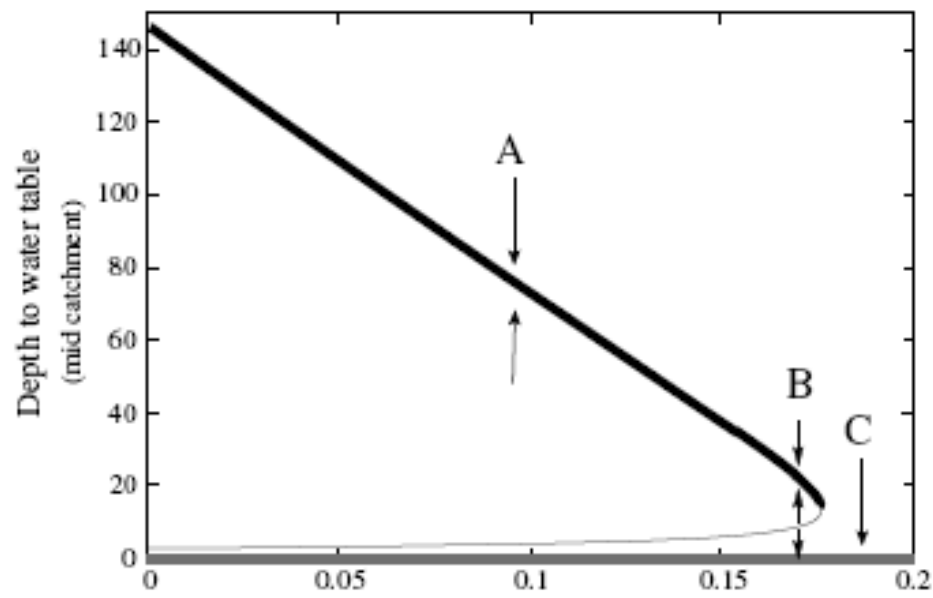
Simple models for examining the Goulburn Broken options to climate change

- **Presented by Brian Walker and Nick Abel**
- **using information prepared by Marty Anderies**



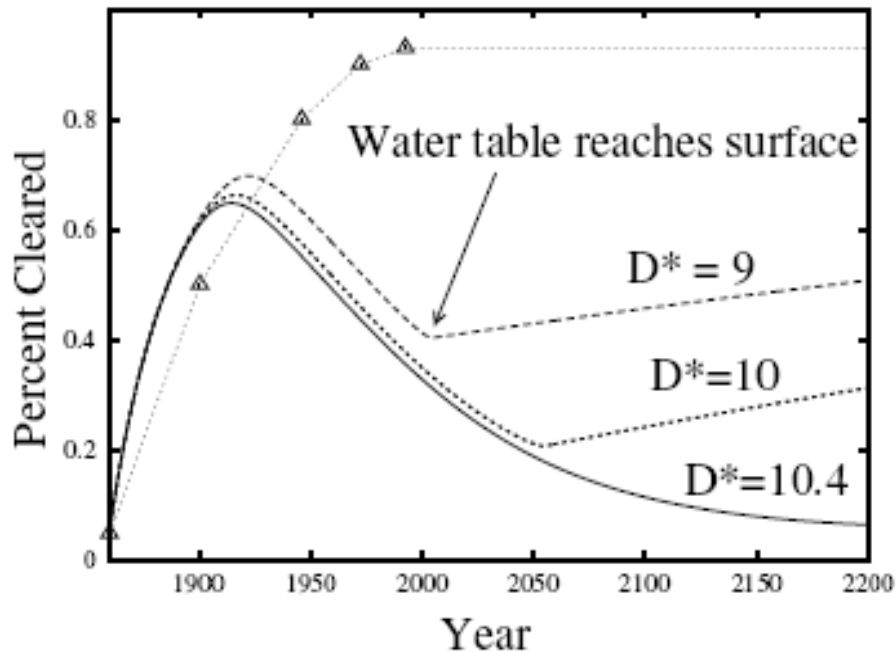


ETZ from Zhang et al model. ET from Anderies model

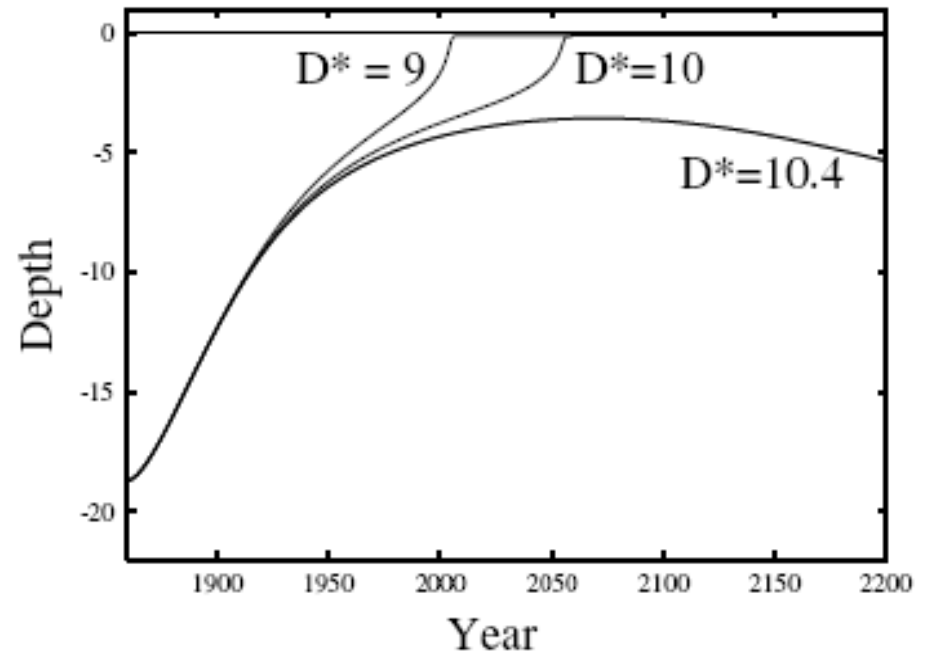


(a)

(b)



(a)



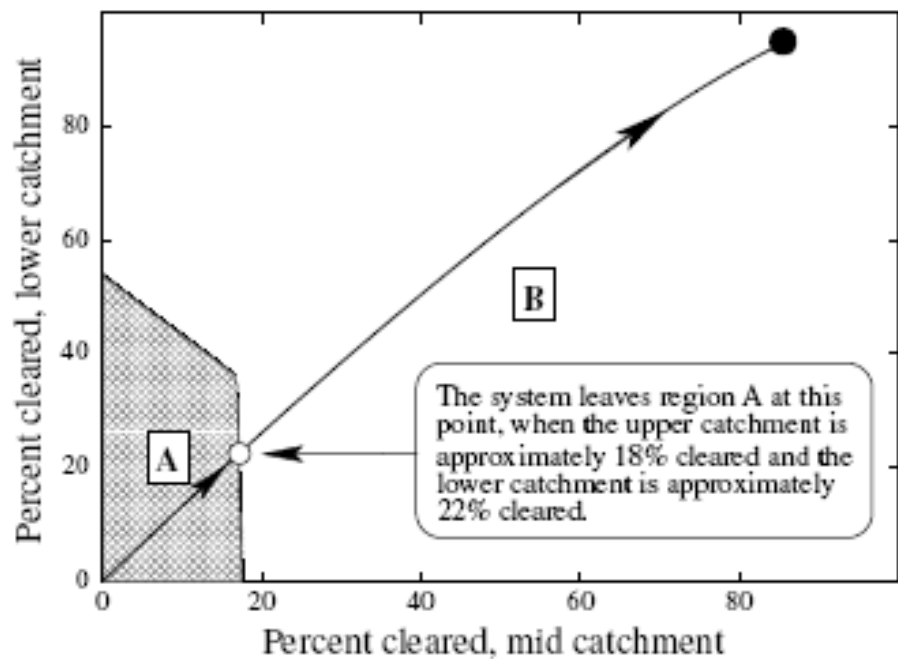
(b)

“Stop clearing” scenarios. Percentage cleared in the lower catchment overlain on the actual clearing history (estimated data points shown with triangles).

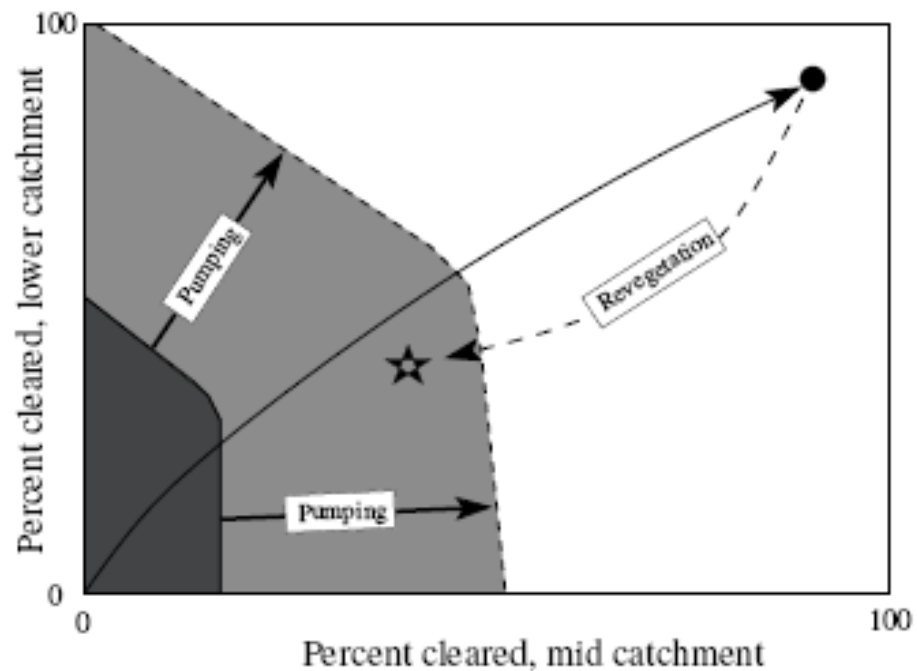
Labels D = depth of the water table when action is taken.

Corresponding dates are 1920, 1914, and 1912 for $D = 9$, $D = 10$ and $D = 10.4$, respectively.

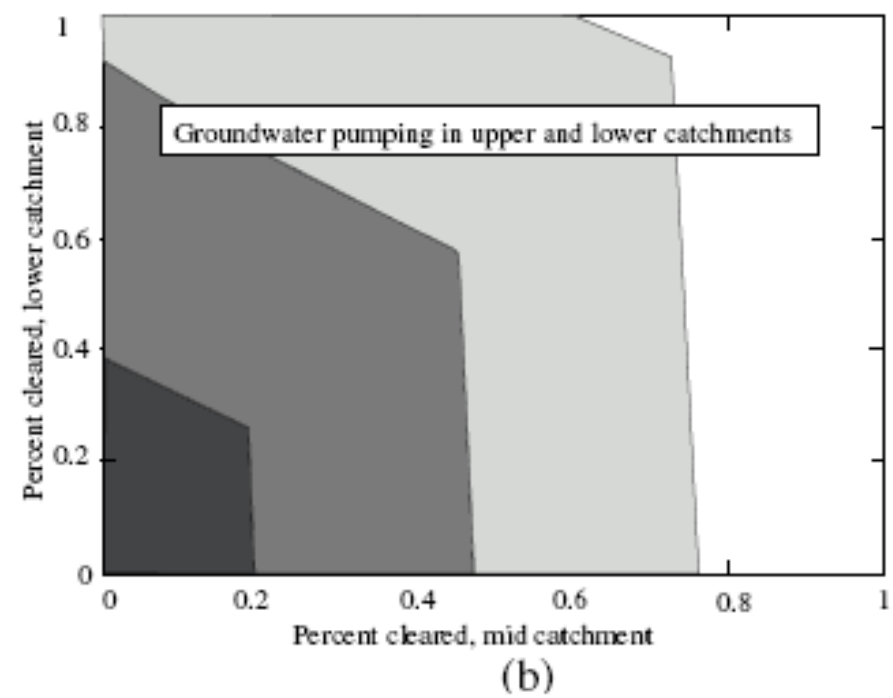
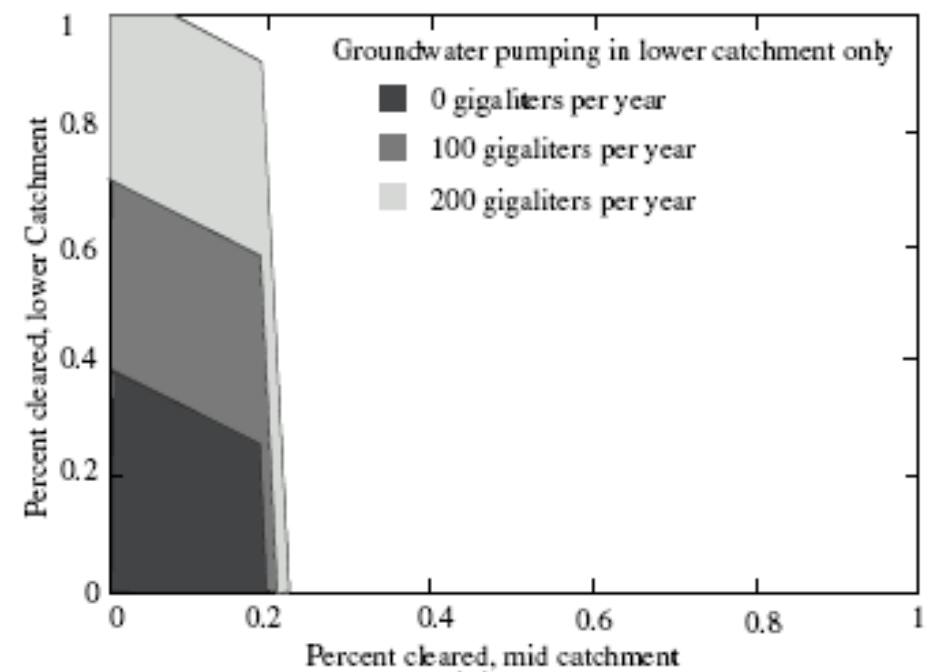
Figure 7b shows the water table depth trajectories associated with each scenario.



(a)

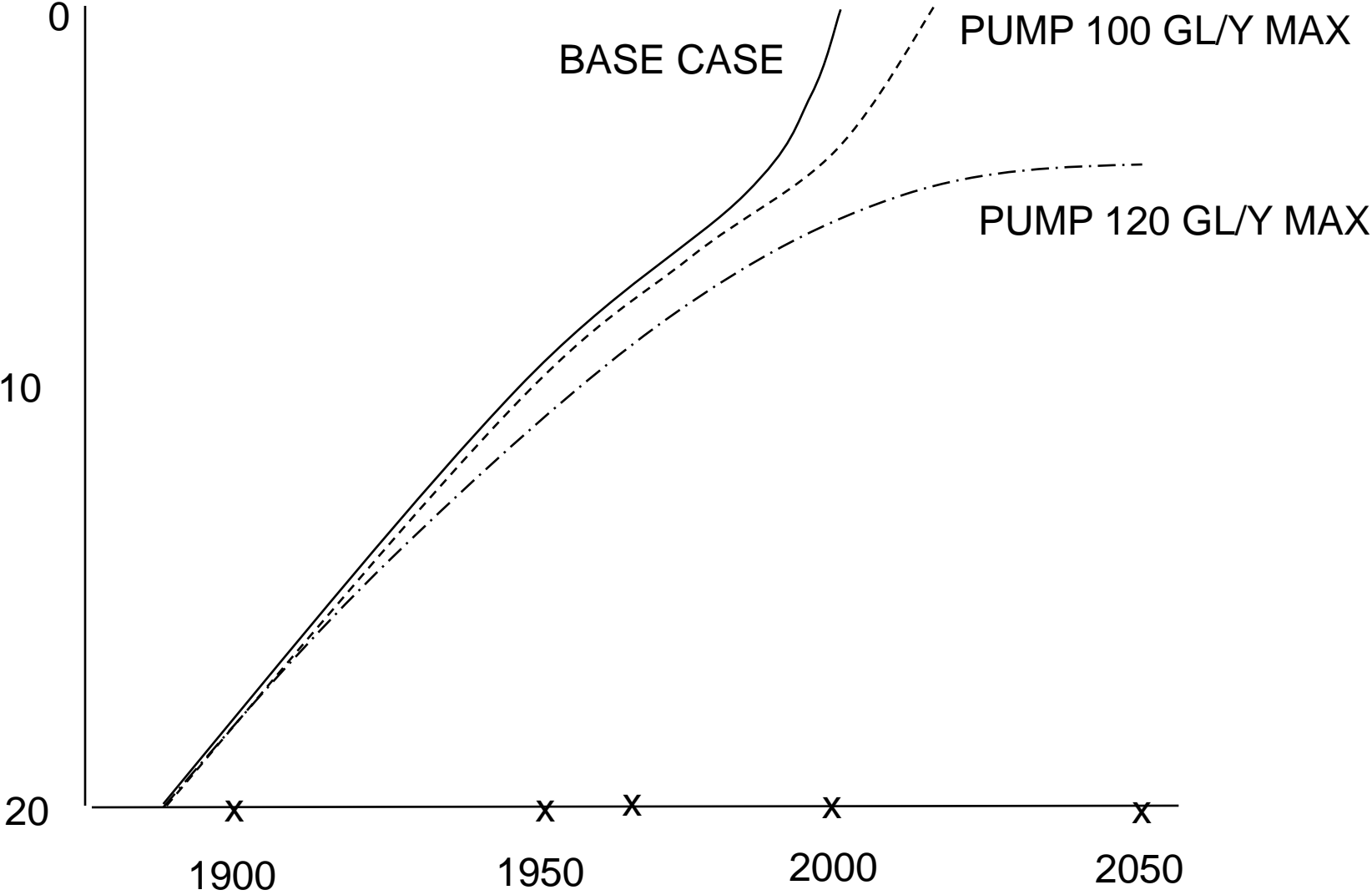


(b)



pumping scenarios, past climate

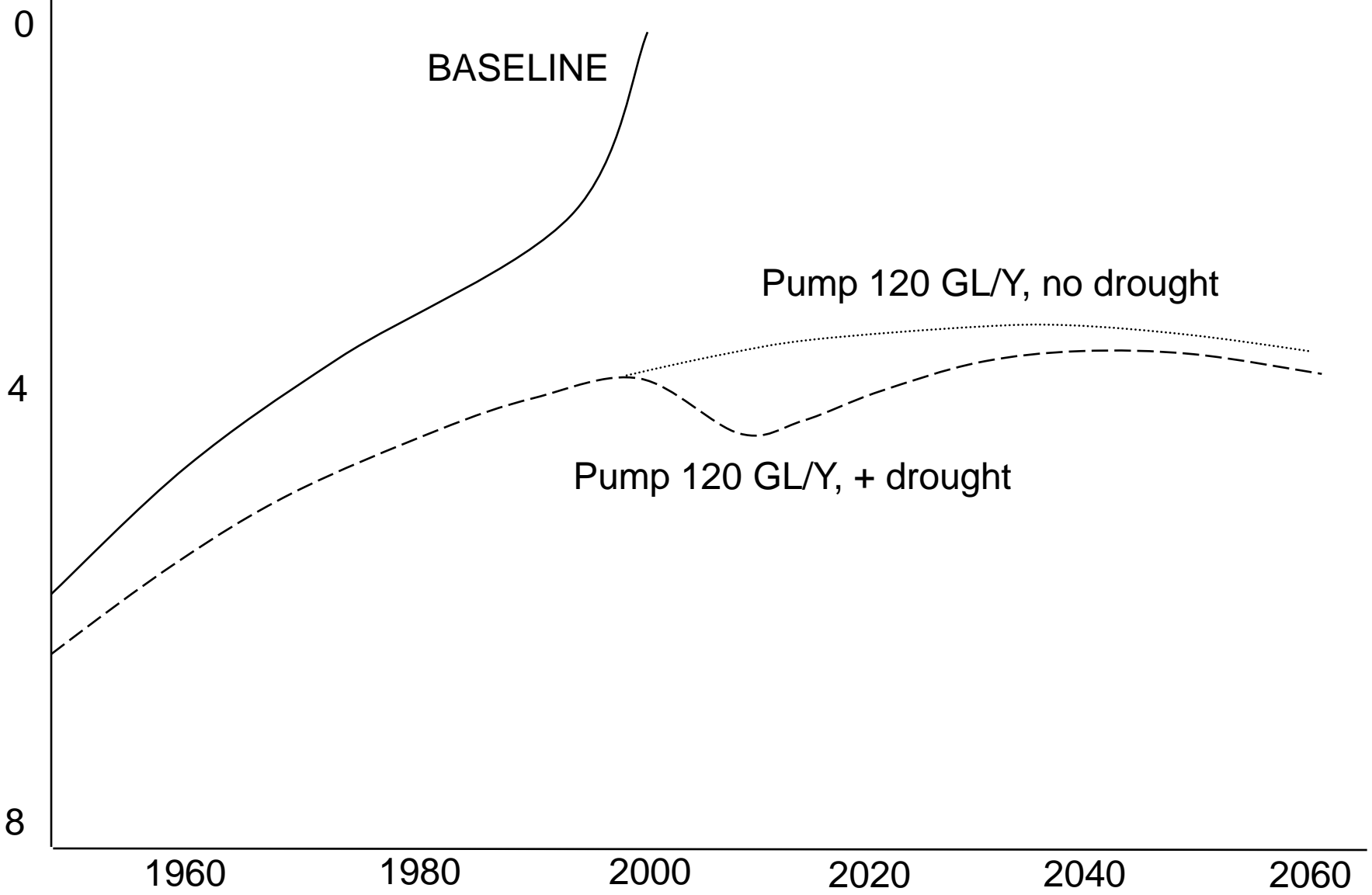
Metres to water table



DROUGHT SCENARIOS, WITH PUMPING

- RAINFALL DECLINES 20%, IRRIGATION USE DOWN 40%

Metres to water table



WET SCENARIOS, WITH PUMPING

- RAINFALL DECLINES 20%, IRRIGATION USE DOWN 40%

Metres to water table

