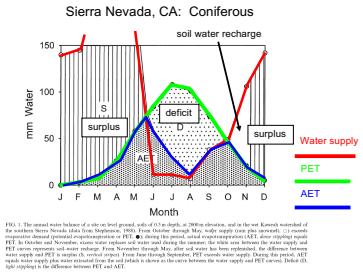
Section 2: Climate Change Review

Learning outcomes

- how and why humans are affecting climate (not covered in class; see separate document)
- patterns of recent and future climate change (not covered in class; see separate document)
- aspects of physical climate important to biology
- spatial resolution of climate data
- climate velocity

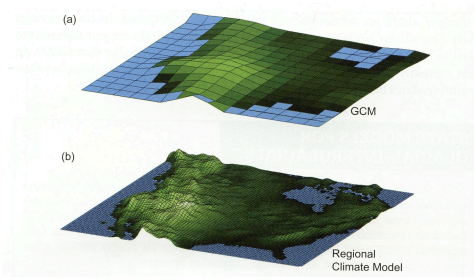
Annual water balance

climatic water deficit, D



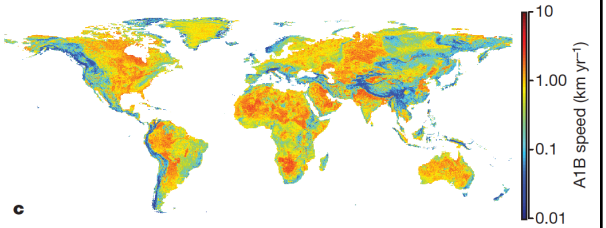
Stephenson, 1998

Why does finer spatial resolution climate data help climate change ecology studies?



Hannah, *Climate Change Biology*, 2011

"Climate velocity"



Loarie et al., Nature, 2009