

The Day After Tomorrow



- How weather and climate are forecast
- Why we cant say for sure how the climate will change
- The *climateprediction.net* project
- How you can help predict 21st century climate









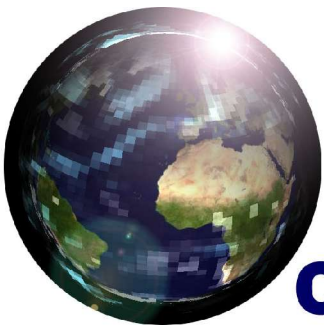
Forecasting Weather and Climate



”Climate is what we expect, weather is what we get”



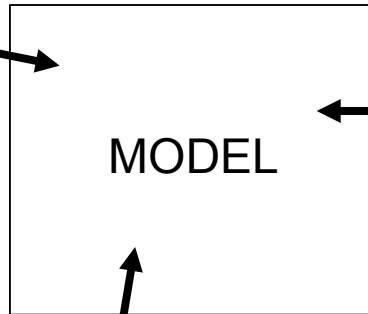
		tally
1		
2		
3		
4		
5		
6		



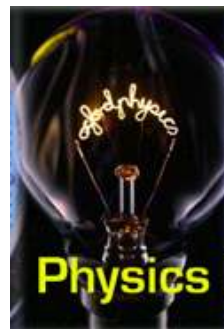
Weather/ climate model



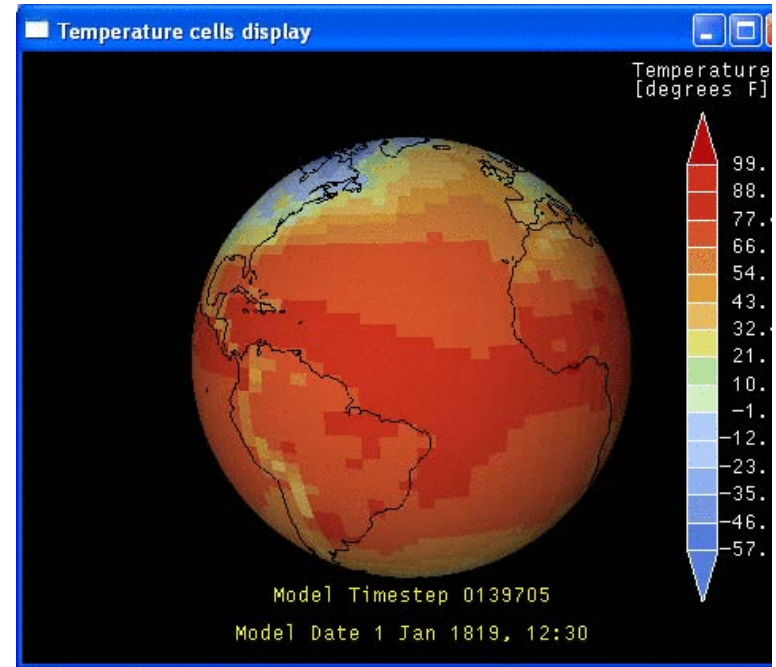
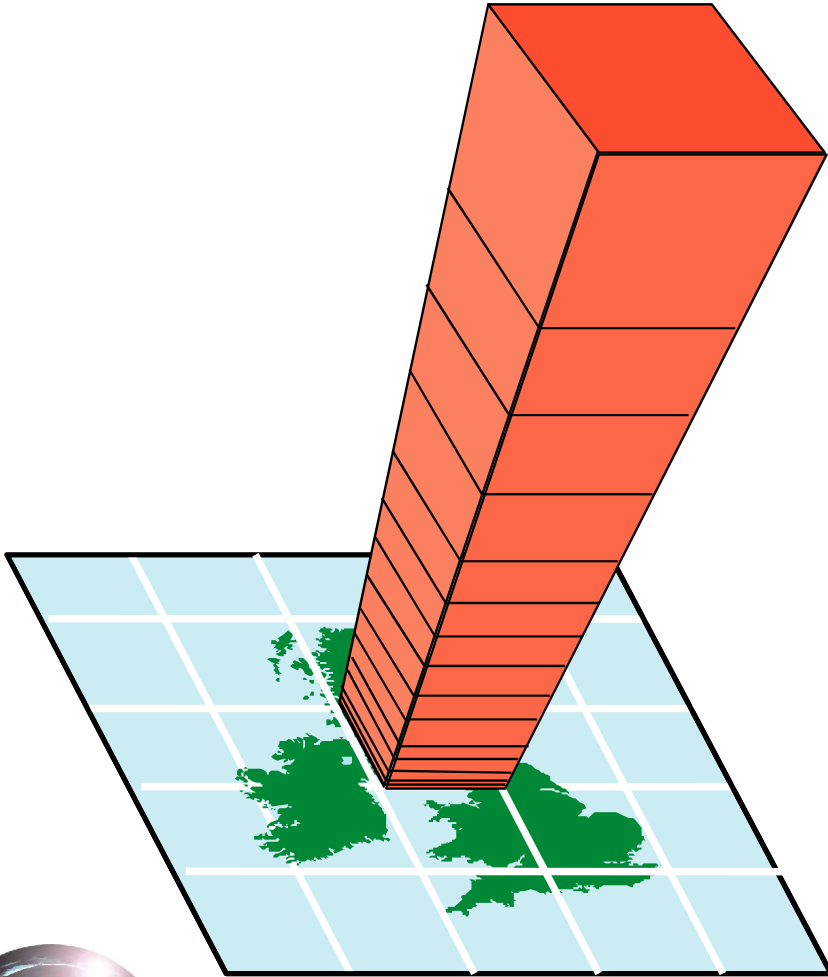
observations



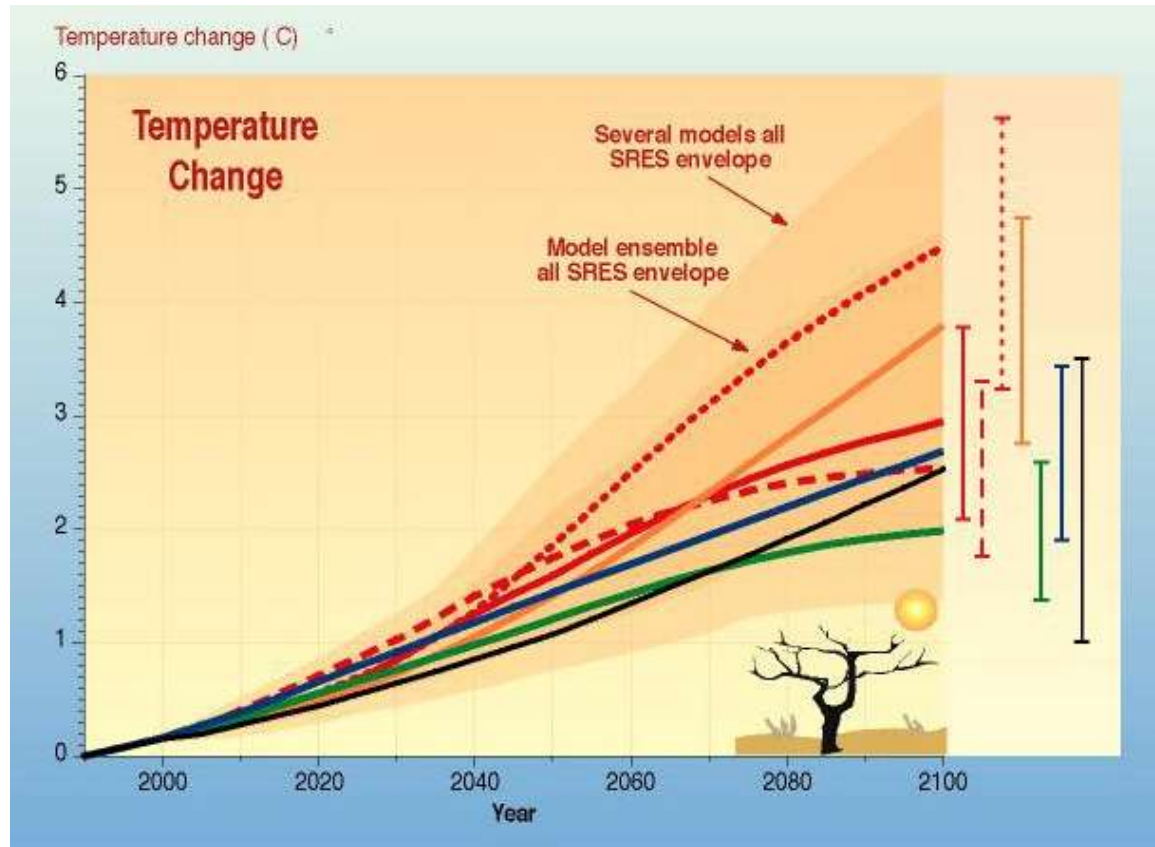
What we know will
change in the future



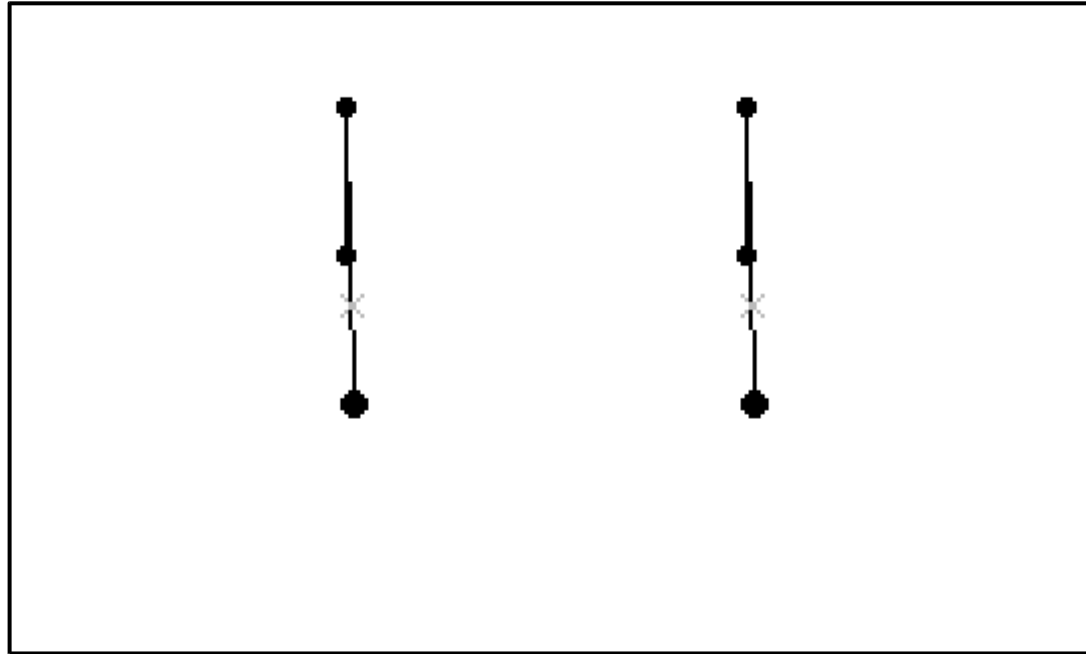
Models



Uncertainty



Why we need your help



Initial speed
400.0 degrees/ sec

Initial speed
400.1 degrees/ sec

Courtesy of Ross Bannister



Climateprediction.net



- Download a unique model at www.climateprediction.net.
- This consists of the model as well as a visualisation package.
- The model runs in the background whenever the computer is switched on, for at least 4 weeks.
- Watch the climate develop in your own unique simulation of the world.
- The model returns the results to climateprediction.net scientists.



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