

Temperature readings in isolated Australian locations show no increases for 100 years.

Weather observatories in Australia, dating back 100 years or more show cities getting hotter as they get bigger but **country towns have generally NOT been warming up**. Some have actually been **cooling down**.

Most scientists recognise that temperature measurements in cities are influenced by non-climate things such as air-conditioners. The cities in Australia also show the same trend as cities in the northern hemisphere with the rate of warming here being less than 1 degree centigrade per century.

So the countryside has NOT been warming up whereas cities are getting hotter.

Substantial increases in Carbon Dioxide levels have been observed over this period, so if CO₂ really was driving temperature upwards, we would expect a general rise in temperature in the bush and an even bigger rise in cities due to the combined effect of CO₂ and non-climatic heating.

In many parts of the world it's hard to separate these two effects, so we are lucky here in Australia to have records from isolated country locations that are 'un-contaminated' by the big city effect (heat island effect).

The Australian Bureau of Meteorology (BOM) provides historical weather data on the internet.

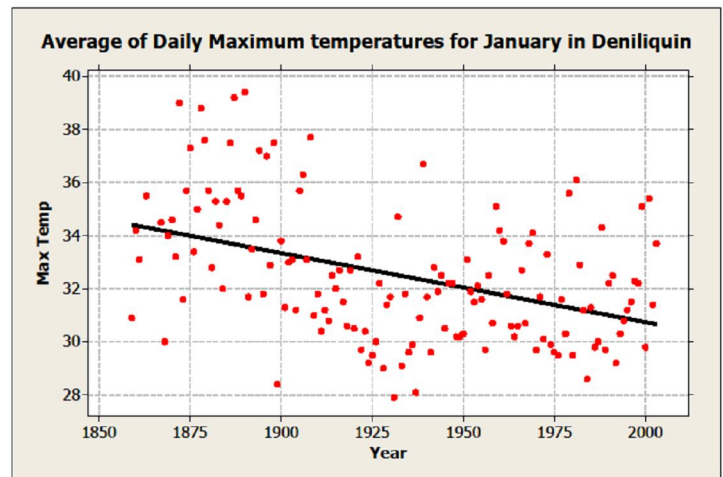
<http://www.bom.gov.au/climate/data/weather-data.shtml> The average of the peak temperatures for each month is available and this has been plotted in the attached graphs.

Graphs for the mean daily peak temperatures in January are shown for Echuca, Deniliquin and Bathurst - as examples of country sites. The last graph is for Sydney and shows evidence of the 'big city warming effect'.

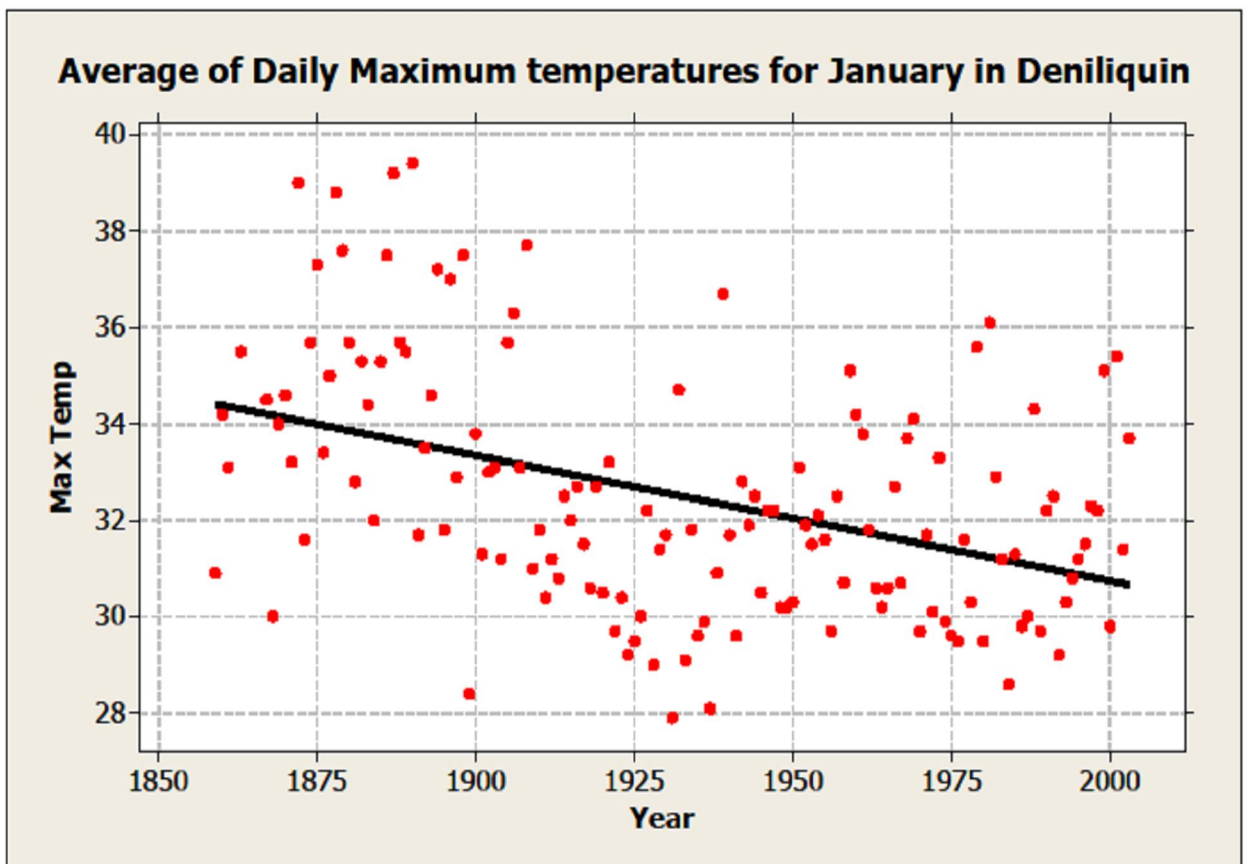
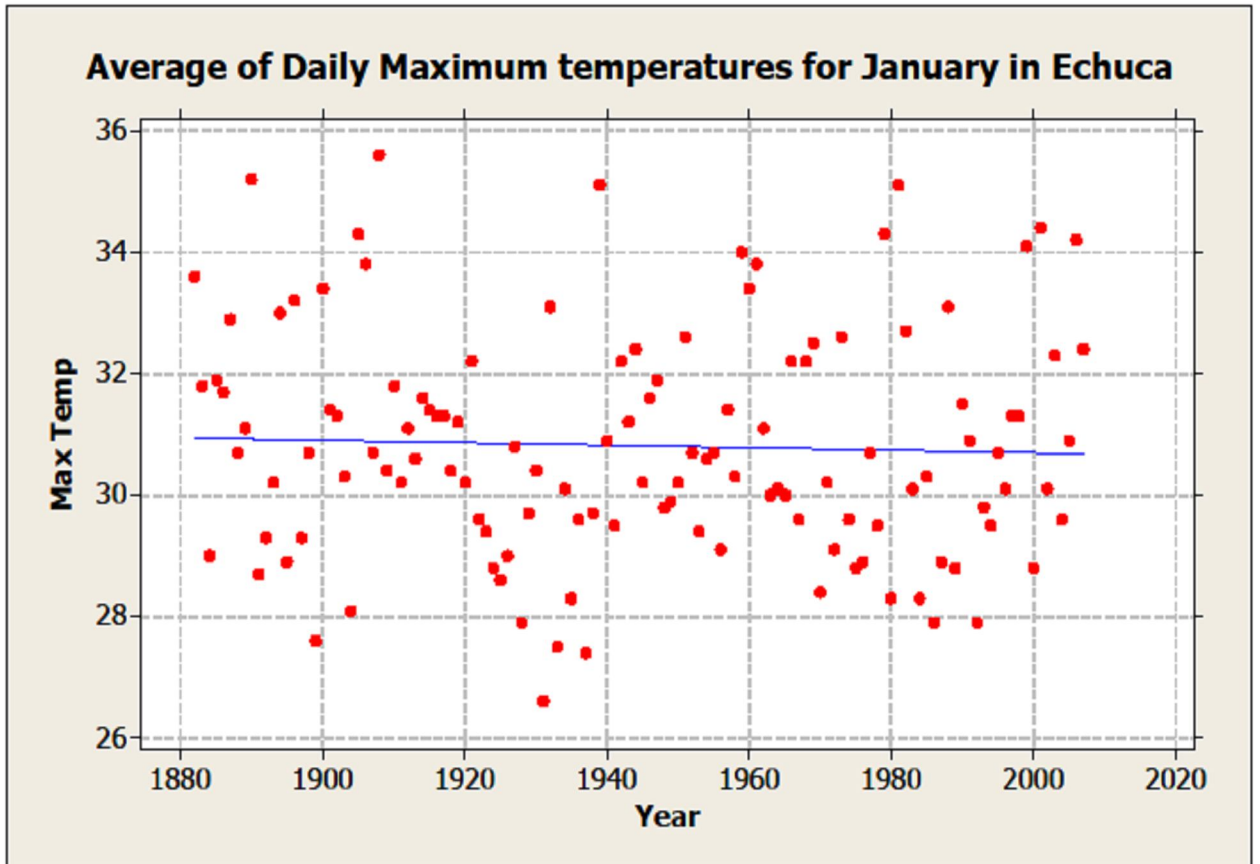
In Deniliquin and Bathurst, there has actually been a **fall** in temperatures over the last 100 years but in many other regional places there was just no trend, up or down.

EM Smith reports a similar pattern of 'no warming' based on a large number of world-wide locations used by IPCC <http://chiefio.wordpress.com/2009/08/05/agw-is-a-thermometer-count-artifact/>

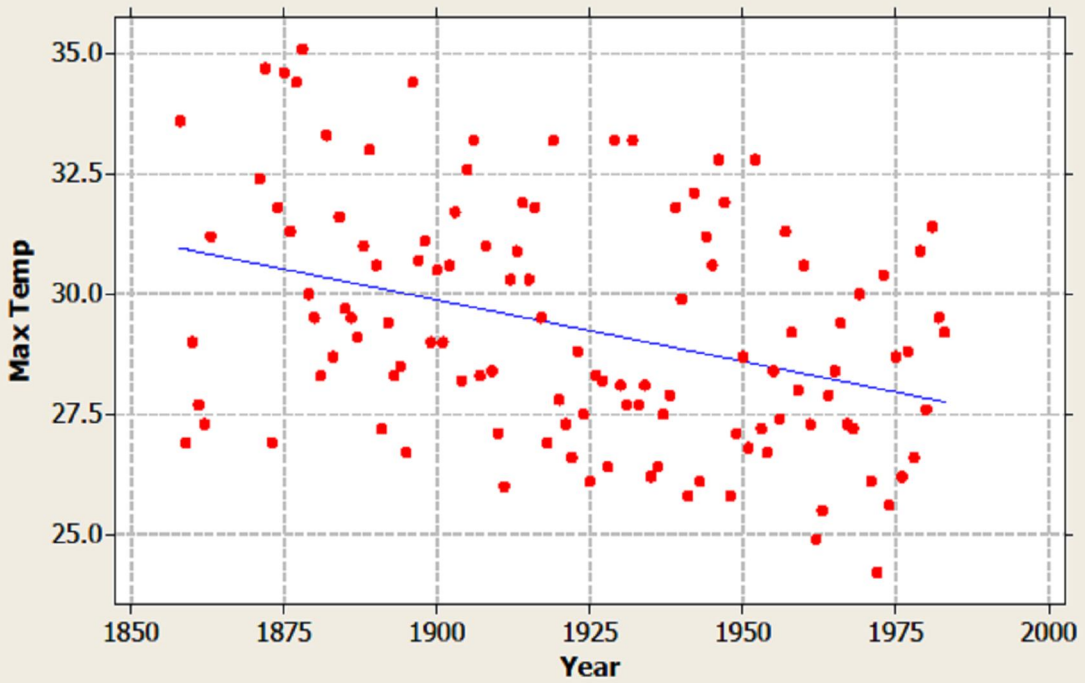
Graphs for additional Australian locations and additional month are available from the author.



The IPCC attempted to remove these 'non-climatic heating effects' from their base data but there is clear evidence from McKittrick & Michaels (2004) that their efforts were unsuccessful. The un-corrected biases in this base data seriously undermine the credibility of IPCC observed and predicted temperature increases. McKittrick & Michaels (2004) *Clim Res Vol. 26: 159-173, 2004*



Average of Daily Maximum temperatures for January in Bathurst Gaol



Average of daily Maximum Temperatures for January in Sydney

