

NZCLIMATE AND ENVIRO TRUTH NO 181

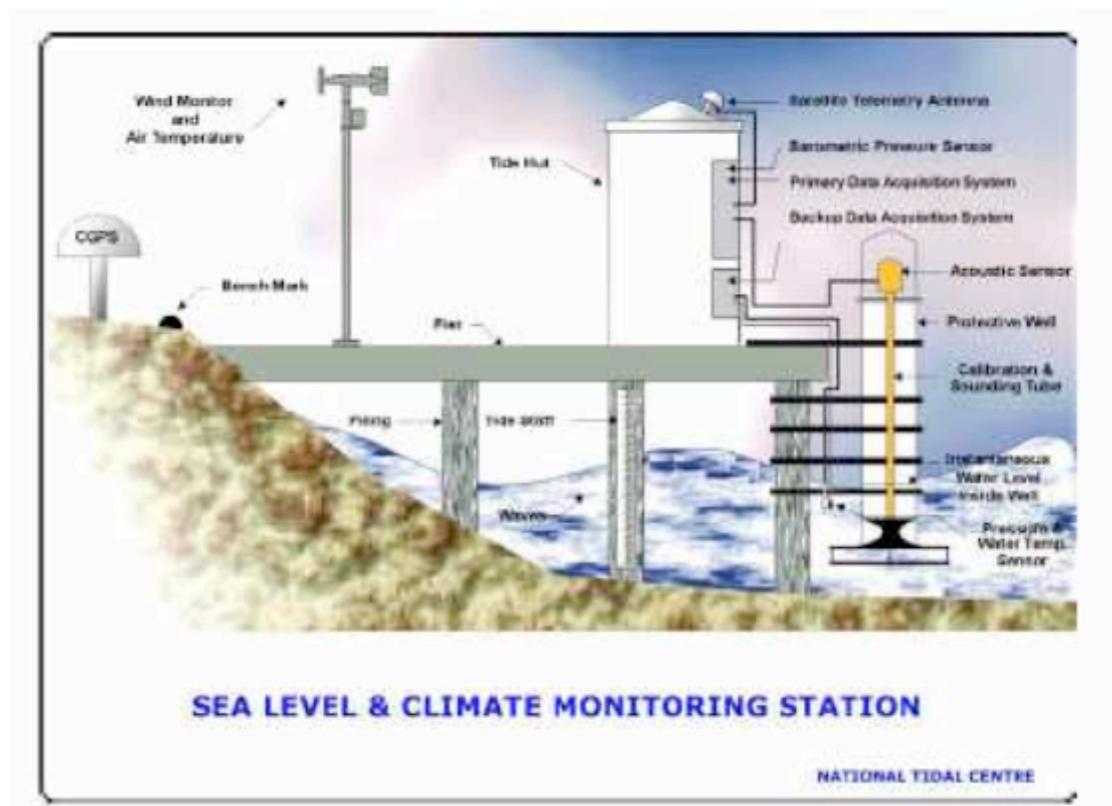
13 AUGUST 2008

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ANOTHER SNOW JOB ON TUVALU

Feel sorry for the Global Warmers. Their most cherished beliefs are under threat. The "Globe" is not "Warming", alas, and all they can say about is that "There is a warming trend",

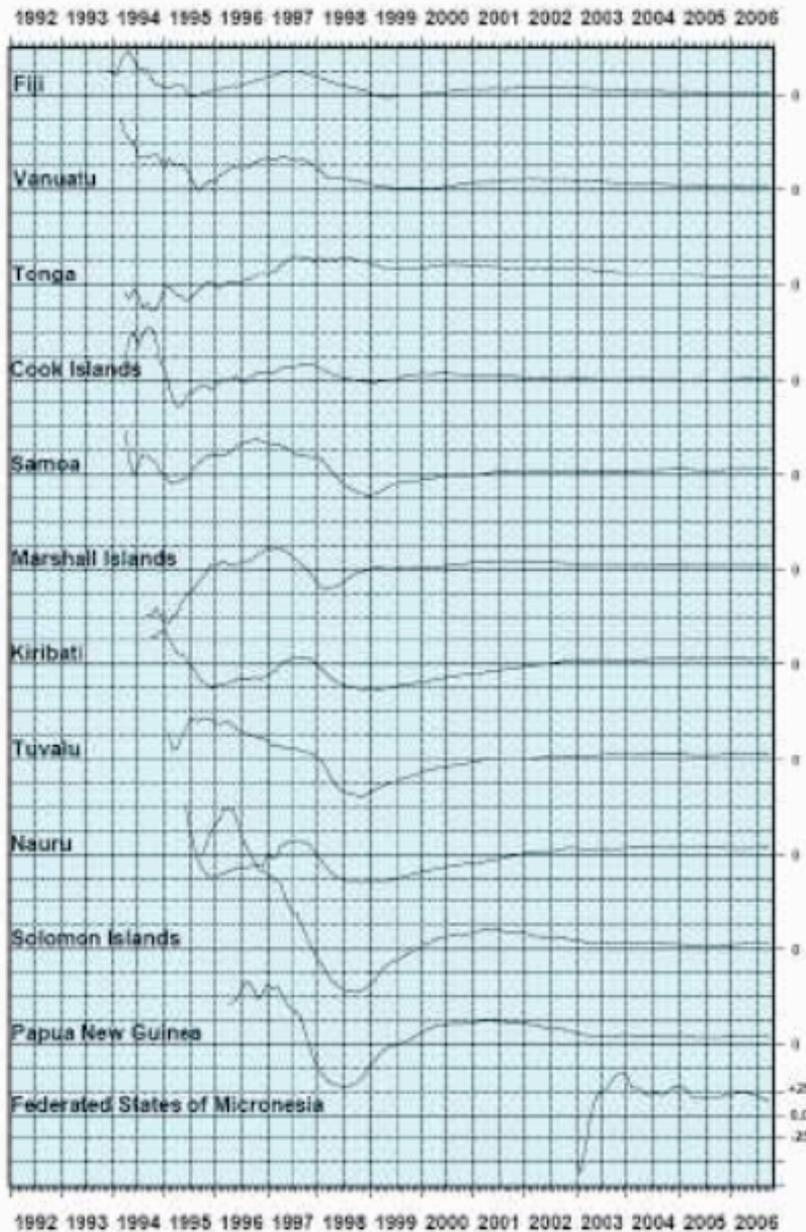
The sea level is not rising. The Australians have completed a comprehensive study of sea level on 12 Pacific Islands using the most modern sophisticated equipment called SEAFRAME (Sea Level Fine Resolution Acoustic Measuring Equipment). It is really very tricky, see attached picture. The sea comes into a vertical cylinder whose position is kept constant by Global Positioning, and the sea level is obtained by bouncing sound waves off the surface and calculating how long it takes. It is all automatically recorded and transmitted to Australia.



The results are shown in the other attachment. The level was disturbed at the beginning because of the ENSO effects, but since about 2001 there has been no change in sea level whatsoever for any of the islands studied, including Tuvalu which every global warmer knows is sinking as an act of religious faith.

Something had to be done to restore such a firmly believed dogma. It can be found in a paper by John R Hunter at <http://staff.acecrc.org.au/~johunter/tuvalu.pdf>

Figure 13
SEA LEVEL TRENDS THROUGH SEPTEMBER 2006 (mm/year)



So, the first thing he does is apply his favorite linear regression to the chart for Tuvalu in the graph I attach. He gets $-1.0 \pm 13.7 \text{ mm/yr}$!! So Tuvalu is actually rising? The inaccuracy is entirely due to the ENSO rubbish at the beginning.

He then tries to incorporate the old measurements made with inferior equipment in order to make it go up. He does something that has never happened before with any sea level tide gauge; he tries to correct them for positioning errors and then join them to the new figures, Great success; he now gets a "cautious" estimate for Tuvalu of $0.8 \pm 1.9 \text{ mm/yr}$. Hooray, it is rising, but look at the inaccuracy.

He then tries to remove ENSO, with great success, for now his "less cautious" estimate is $1.2 \pm 0.8 \text{ mm/yr}$.

Whatever he likes to say, the most accurate recent figures show that Tuvalu, and 11 other Pacific Islands, are not sinking. The sea level is almost constant.

It is a feature of many of the published tide gauge records that many tend to flatten out in recent years, New Zealand examples show this. It is surely evidence that the positive bias of the early measurements is being eliminated by modern equipment which can be levelled by Global Positioning equipment.

I am amused at the steady retreat from the peer review system which is supposedly sponsored by the IPCC, provided they can control it, but abandoned as soon as they wish to evade unexpected criticism.

The IPCC Reports are themselves, of course, a massive retreat from the peer review system. They are able to choose, distort and fabricate the evidence they wish without restraint. Any genuine criticisms can be rejected out of hand.

The temperature measurements have now abandoned the peer review system altogether in favour of the CCSP Reports which are only published on the web, and can reject any criticism they do not like. They can assemble all of their tame scientists to support them.

The Sea Level science is now free from peer review. The exhaustive study on Pacific island sea level by Flinders University ought to have been published in a proper Journal, but no, they have obviously been pressurised to pretend it shows a rise and to publish it only on the web. They have also been punished for finding the wrong answer by terminating the whole project.

I wonder whether they dare publish this paper in a journal? Almost all the references are to web pages. It uses phoney statistics to try and reverse the conclusion of the Flinders study.

Climate data do not come in a form capable of being treated by current statistical methods. The highly oversimplified Gaussian equation which is available on all spreadsheets and "scientific" calculators cannot be used for highly irregular and skewed population distributions. For example, you cannot obtain the average temperature of the earth by assuming that the distribution is symmetrical, because the fact that half the earth has no sun, at night, and only half the earth gets sun's radiation at any one time.

We never see an actual tide gauge record, which is highly irregular. It goes up and down with each tide and with each phase of the moon. It varies between night and day. It is affected by local weather, ship movements, building activity and ground or mineral removal, besides geological isostasy. They never tell us how they obtain the daily, monthly or yearly average and I bet that all of the raw data are skewed.

I was amused by the statement:

"In order to estimate any climate-related trend in sea level (i.e. (5), above), other variations are regarded as 'noise' and are removed from the original data, generally either by tidal analysis or by time-averaging."

"Noise" means unwelcome data; data which conflicts with the result that is desired. It is used by the IPCC to eliminate unwelcome temperature and carbon dioxide results.

Here it is used to eliminate what is actually happening to the sea level, so that a "trend" that can be used to confirm their prescribed greenhouse theory is found.