

Senate Standing Committee on Environment and Communications
Legislation Committee
Answers to questions on notice
Environment and Energy portfolio

Question No: 233
Hearing: Additional Estimates
Outcome: Agency
Program: Bureau of Meteorology (BoM)
Topic: Data comparisons
Hansard Page: 22-23
Question Date: 27 February 2017
Question Type: Spoken

Senator Roberts asked:

Senator ROBERTS: How can temperatures measured by a single rapid sampling one hertz platinum resistance probe in a small Stevenson screen at an airport be reconciled with data observed using thermometers housed in a large screen, whose internal volume is 3.8 times larger, and which was at another location, possibly at a town post office?

Dr Johnson: Senator, I would have to take these questions on notice. I am not an expert in measurement technology. I would be happy to engage with officers in the bureau who have expertise in those matters.

Answer:

The ACORN-SAT data set's methodology is discussed at
<http://www.bom.gov.au/climate/change/acorn-sat/#tabs=Methods>.