

**Senate Standing Committee on Environment and Communications  
Legislation Committee**

Answers to questions on notice  
**Environment and Energy portfolio**

**Question No:** 232  
**Hearing:** Additional Estimates  
**Outcome:** Agency  
**Program:** Bureau of Meteorology (BoM)  
**Topic:** Weather station data  
**Hansard Page:** 22  
**Question Date:** 27 February 2017  
**Question Type:** Spoken

**Senator Roberts asked:**

Senator ROBERTS: If no comparative data exists and no rigorous multisite comparative study is done, how is it possible to be assured that automatic weather station data is comparable in all respects with the historic thermometer record?

Dr Johnson: Again, I would have to take that question on notice.

**Answer:**

Comparative data do exist, and metrological, meteorological and climatological studies have been performed. The ACORN-SAT data set's methodology is discussed at <http://www.bom.gov.au/climate/change/acorn-sat/#tabs=Methods>.