

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

Answers to questions on notice
Environment and Energy portfolio

Question No: 247
Hearing: Additional Estimates
Outcome: Agency
Program: Bureau of Meteorology (BoM)
Topic: Current temperature rises
Hansard Page:
Question Date: 2 March 2017
Question Type: Written

Senator Burston asked:

The BoM attributes current temperature rises to human industrial activity rather than the historical ebb and flow of global warming and cooling as part of the natural phenomenon of climate change. How much has the Earth's temperature actually changed compared to the first IPCC projections on about 1990?

Answer:

Since 1990 the global mean temperature has increased by about 0.18 degrees Celsius per decade. This is just below the lower range of projections published in the IPCC First Assessment Report (0.2–0.5 degrees Celsius per decade). Temperature trends over short periods, covering periods of less than 40 years, are sensitive to the selection of end years.