

**Notes from the presentation of Bob McDavitt, MetService Weather  
Ambassador, to the Roadmarkers Conference 2009**



On Planet Earth, our weather is powered by the sun. Air is transparent, so sunlight doesn't heat the atmosphere directly, but sunlight does heat the ocean, mainly at the equator, and evaporation makes clouds and they form



Another way of measuring the El Nino is to see its impact in the Atmosphere. This is





*Traffic shelters from damaging hail under an overpass, Sydney September 2003*

4. Wind damage (Downburst)





The warnings only mention detected severe thunderst

All these bulletins can be found on the [metservice.com](http://metservice.com) web site warning page.