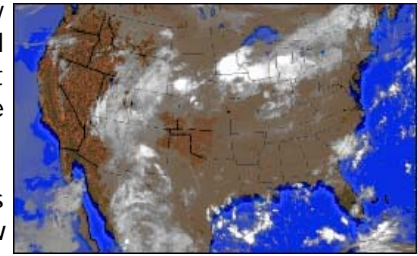


## Predicting Weather, Predicting Climate

Most of us (although we may not admit it) don't really know the difference between 'weather' and 'climate'. When pressed to distinguish between the two, we'll probably say that weather is 'short term' while climate refers to a longer time span.

The best answer to the question is contained in a famous observation made by Lorenz. "Weather", he said, "is what *you get*; while climate is *what you expect*".



Implicit in this Lorenz remark is the assertion that while weather is *deterministic*, climate is *probabilistic*. Dr Jagdish Shukla's C-MMACS Foundation Day Lecture, delivered on 15 July 1999, took off from this point and evolved into a truly masterly narrative on the question of predictability of weather vs predictability of climate.