LearnRMD

## Data

The atmos data set resides in the nasaweather package of the *R* programming language. It contains a collection of atmospheric variables measured between 1995 and 2000 on a grid of 576 coordinates in the western hemisphere. The data set comes from the [2006 ASA Data Expo](http://stat-computing.org/dataexpo/2006/).

Some of the variables in the atmos data set are:

* **temp** - The mean monthly air temperature near the surface of the Earth (measured in kelvins (*K*))
* **pressure** - The mean monthly air pressure at the surface of the Earth (measured in millibars (*mb*))
* **ozone** - The mean monthly abundance of atmospheric ozone (measured in Dobson units (*DU*))

You can convert the temperature unit from Kelvin to Celsius with the formula

And you can convert the result to Fahrenheit with the formula

For example, 282.15 degrees Kelvin corresponds to 9 degrees Celsius.