

New York Air Quality Measurements

Description

Daily air quality measurements in New York, May to September 1973.

Usage

```
airquality
```

Format

A data frame with 154 observations on 6 variables.

```
[,1] Ozone    numeric Ozone (ppb)
[,2] Solar.R  numeric Solar R (lang)
[,3] Wind     numeric Wind (mph)
[,4] Temp     numeric Temperature (degrees F)
[,5] Month    numeric Month (1--12)
[,6] Day      numeric Day of month (1--31)
```

Details

Daily readings of the following air quality values for May 1, 1973 (a Tuesday) to September 30, 1973.

- `ozone`: Mean ozone in parts per billion from 1300 to 1500 hours at Roosevelt Island
- `solar.R`: Solar radiation in Langleys in the frequency band 4000–7700 Angstroms from 0800 to 1200 hours at Central Park
- `wind`: Average wind speed in miles per hour at 0700 and 1000 hours at LaGuardia Airport
- `temp`: Maximum daily temperature in degrees Fahrenheit at La Guardia Airport.

Source

The data were obtained from the New York State Department of Conservation (ozone data) and the National Weather Service (meteorological data).

References

Chambers, J. M., Cleveland, W. S., Kleiner, B. and Tukey, P. A. (1983) *Graphical Methods for Data Analysis*. Belmont, CA: Wadsworth.

Examples

```
require(graphics)
pairs(airquality, panel = panel.smooth, main = "airquality data")
```