



**New York State Agricultural Experiment Station
Geneva, New York**

Computer Centre: 359/ 1-Apr-98

Geneva weather data

Historical Geneva weather data (NOAA benchmark weather station, #3031840) is now on-line. Data from 1-Jan-1900 until the last complete year is available.

Note that the following describes temporary homes for the data. A change will occur when Geneva on-line weather data becomes properly organised.

There are two forms of the data:

1. Individual years in tab-delimited text format (Excel-compatible) can be downloaded from www.nysaes.cornell.edu/weather/history.

Files are named `gxxxx`, where `xxxx` is a year. For example, `g1955` contains data for 1955.

Columns are as follows:

Year (4-digits)
Month (2-digits)
Day (2-digits)
Maximum air temperature (°F)
Minimum air temperature
Maximum relative humidity (%)
Minimum relative humidity
Vapour pressure deficit (1/1000 in Hg)
Solar radiation (cal cm⁻²)
Precipitation (1/100 in)
Wind (miles at 1.5 ft)
Pan evaporation (1/1000 in)

Missing data is coded with the symbol NA.

2. There is also an S-PLUS dataframe, `genevaweather`, that can be accessed by using

```
assign(when=0, 'lib.loc', '/home/jb/geneva_history')  
library(genevaweather)
```

The dataframe contains all data, 1900...present. The names attribute of the dataframe is

```
[1] "year" "month" "day" "mxtm" "mntm" "mxrh" "mnrh" "vpd" "sol"  
[10] "ppt" "wind" "pan"
```

Column names correspond to the weather variates above.