```
plot.ts(baguiorainseries)
```
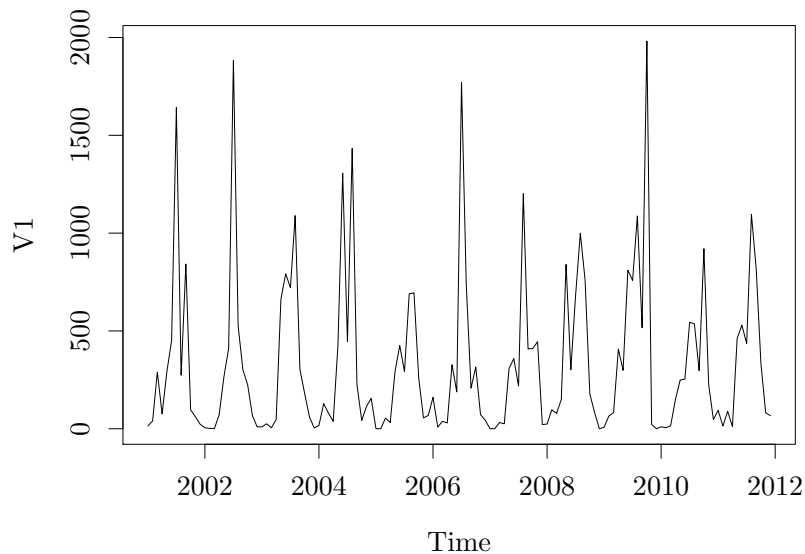

Figure 4.1: Plot of Baguio rain fall time series, from January 2001 to December 2011.

Here, the time series data is broken down into its components. This is done in preparation to eliminating the seasonal component of the data. Only the partial results are shown in (4.2). The full results are in Listing (2).

Figure 4.2: Partial results of the seasonal, trend, and random components.

```
baguiorainseriescomponents ← decompose(baguiorainseries)
baguiorainseriescomponents
```

```
$x
          Jan       Feb       Mar       Apr       May       Jun       Jul
2001    14.600    39.500   289.800    76.000   291.000   451.400  1642.000
2002     5.000     2.000     0.600    71.200   264.400   411.000  1883.400
2003     9.800    25.400     4.800    46.800   662.700   792.400   721.300
.
.
.


          Aug       Sep       Oct       Nov       Dec
2001   274.000   842.200    97.000    61.600    23.200
2002   525.600   301.500   224.800    67.300    10.000
2003  1089.400   303.200   179.700    60.400     4.400
.
.
.
```