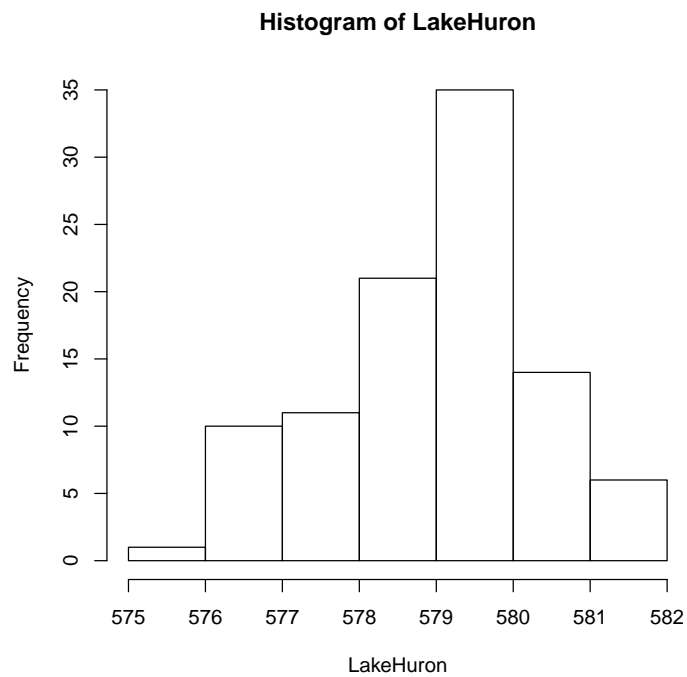**The result of your solution to Problem 3 should look like this page**

The height of the water level in Lake Huron fluctuates over time. Here I 'analyze' the variation using R. I show a histogram of the lake levels for the period 1875 to 1972.

```
> hist(LakeHuron)
```

Histogram of LakeHuron


```
> lowHi <- c(which.min(LakeHuron), which.max(LakeHuron))
> yearExtrema <- attributes(LakeHuron)$tsp[1]-1 + lowHi
```