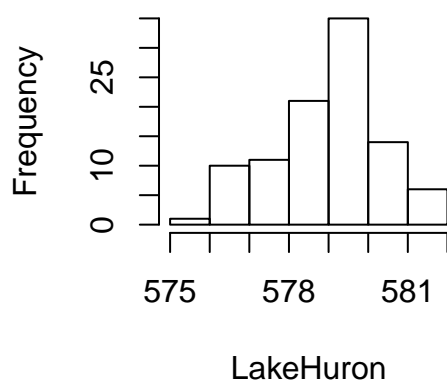


**The result of your solution to Problem 3 should look like this page**

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
```