

# Untitled

```
library("xts")
```

```
## Warning: package 'xts' was built under R version 3.6.3
```

```
## Loading required package: zoo
```

```
## Warning: package 'zoo' was built under R version 3.6.3
```

```
##  
## Attaching package: 'zoo'
```

```
## The following objects are masked from 'package:base':  
##  
##      as.Date, as.Date.numeric
```

```
bbb<- read.csv(file="C:/Users/wxc/Downloads/lva.txt",header=F)
```

red for canada

black for USA

they basically overlap with each other

```
cdate<-bbb$V1[bbb$V2=="CANADA"]  
cnum<-bbb$V3[bbb$V2=="CANADA"]  
udate<-bbb$V1[bbb$V2!="CANADA"]  
unum<-bbb$V3[bbb$V2!="CANADA"]  
pcp <- rnorm(24)  
P1 <- zoo(ts(unum, frequency = 12, start = 1992))  
P2<- zoo(ts(cnum, frequency = 12, start = 1992))  
plot(P1)  
lines(P2, col = "red")
```

