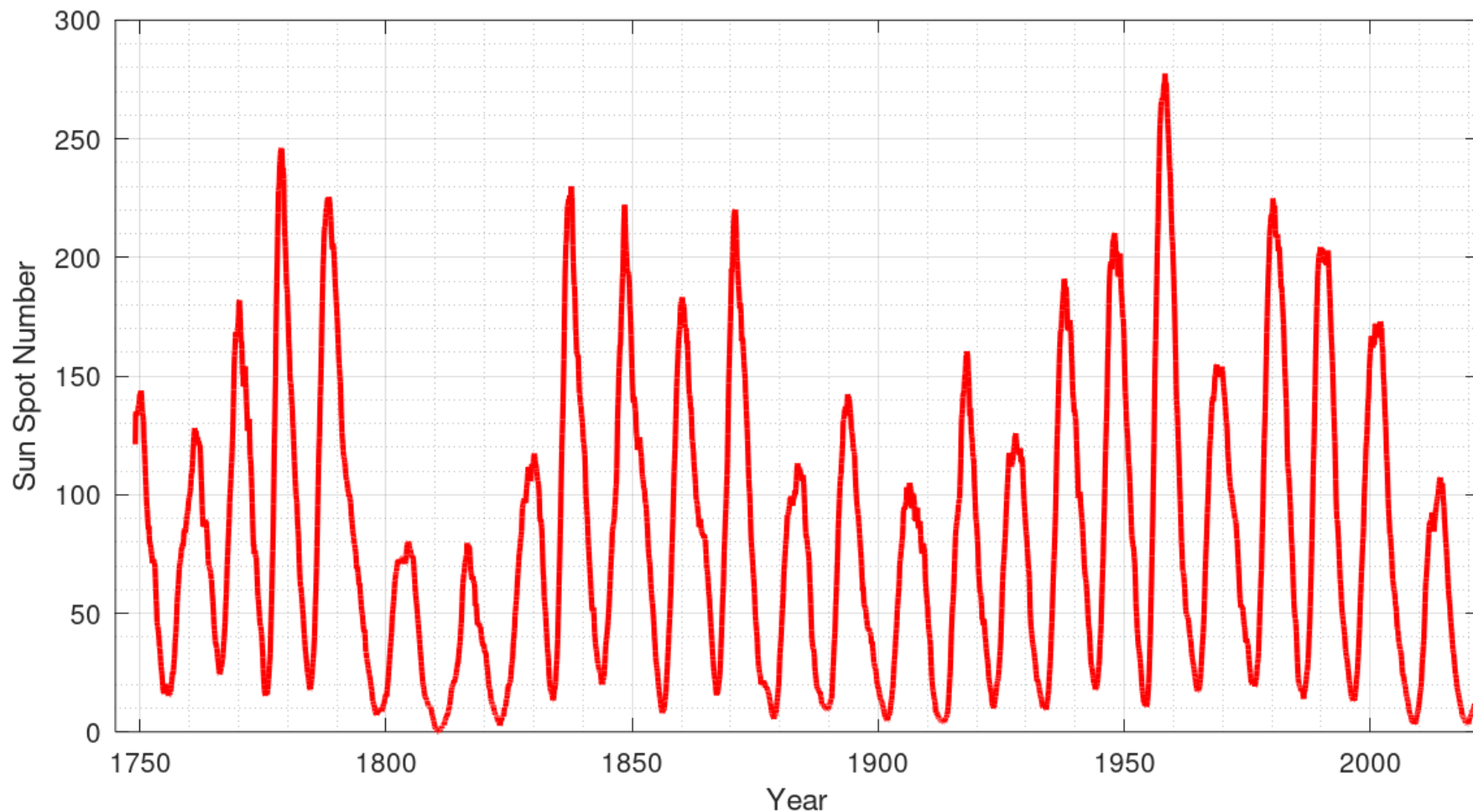


Sun spot numer from january,1749 according to SILSO



```
clear;clc;format long;format compact;
%f = urlwrite('http://sidc.oma.be/silso/DATA/SN_m_tot_V2.0.txt','silso.txt')
S = fileread('silso.txt'); % silso.txt is the downloaded text-file.
M = strrep(S,' *','')
X = str2num(M);
xYear = X(':',3);ySpot = X(:,4);
yS = movmean(ySpot,20); %<<< User may vary '20'
plot (xYear,yS,'r','LineWidth',2);grid on;grid minor on;axis([1745,2022,0,300]);
xlabel('Year');ylabel('Sun Spot Number');
```

```
title('Sun spot numer from january,1749 according to SILSO');
```