1. When plotting the total precipitations in each year, it is hard for the graph to show how many records each year has. The graph cannot represent the actual change in yearly pattern if they have dissimilar basis – namely, if one year has 2 data point and another one has 365, they would not be comparable, and the graphs would be misleading if only showing the total.

2. Before 1980s the total precipitation varies but are mostly stable in a range, but at the beginning of 1980s both sites experienced a sharp increase in total precipitations, followed by a sharp drop shortly after. By 1990s the trend from NY and CA began to differ, with the precipitation in CA going back to normal variations around the old range, while the number in NY goes up compared to before. Another aspect worth mentioning is that between 1950 – 1960 CA has some missing data points, while there are two great gaps before and after 1980 for NY, so I would not make any conclusive assumptions purely based on this graph.

3.