HW1_ClimateData_Gad

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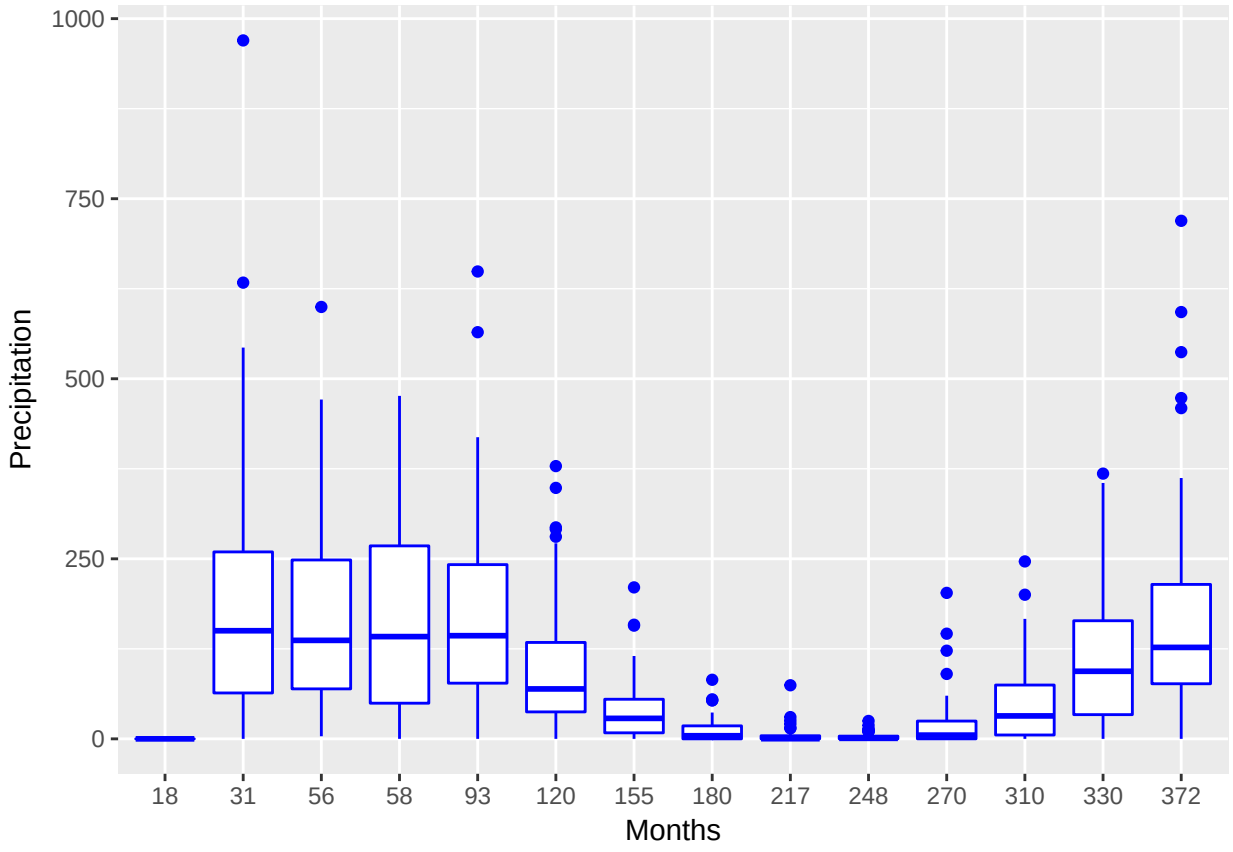
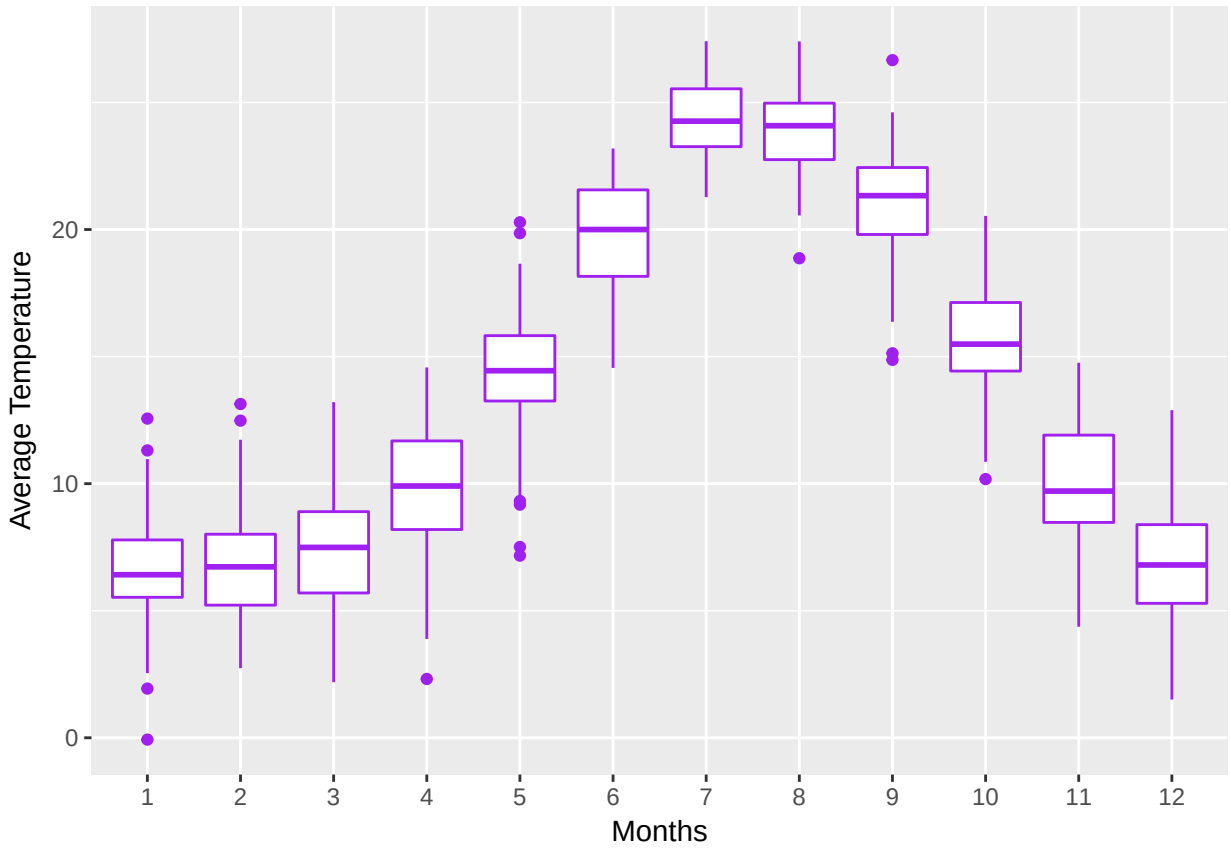
2017-04-30

Precipitation and Average Temperature Graphed by Month





Trends in Precipitation

The wettest year in the climate dataset is 1982 with a value of 2135.4

The driest year in the climate dataset is 2013 with a value of 263.4

The wettest season in the climate dataset is winter with a value of 39099.7

The driest season in the climate dataset is summer with a value of 1317.8

A Wet Year in Yosemite

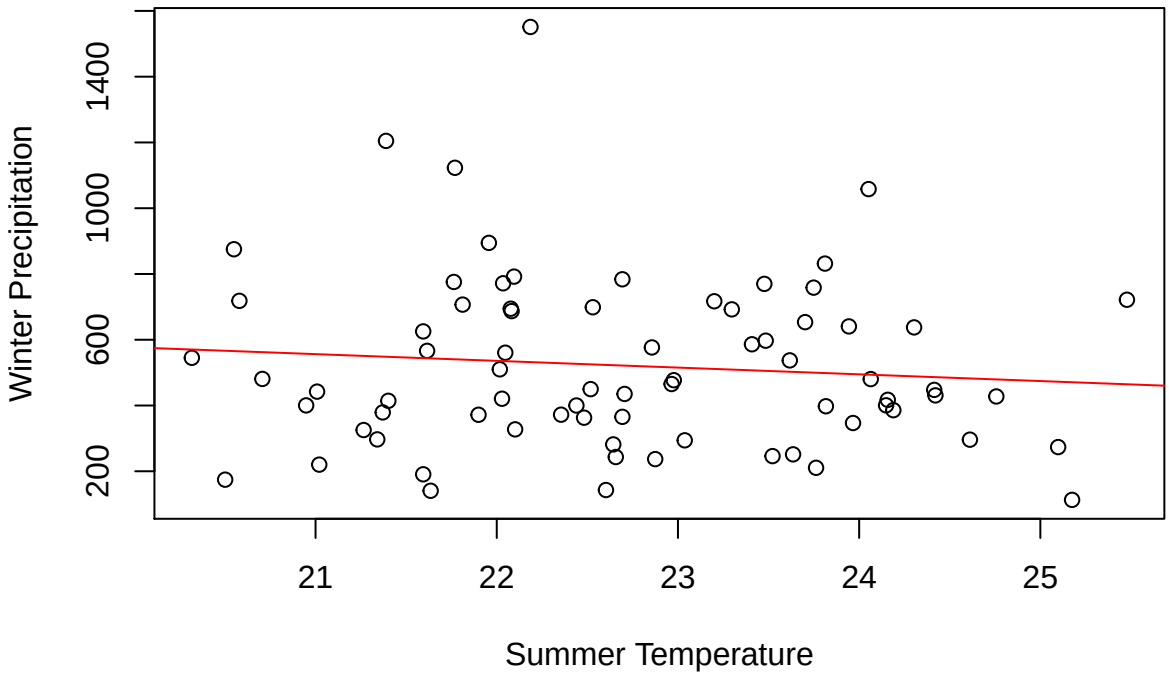
According to the National Park Service website, Yosemite receives less than five percent of its annual precipitation in summer.

#A Dry Year in Yosemite

According to the National Park Service website, Yosemite receives over 70 percent of the year's precipitation between November and March.

Figure 1:

Relationship Between Winter Precipitation and Summer Temperature



*There seems to be little to no relationship between summer temperature and winter precipitaiton. The regression line maybe shows a slight trend that as summer temperture increases winter precipitaion decreases, but overall there is no distinguishabe trend.

References Dry Yosemite: https://www.nationalparkstraveler.com/2016/11/snow-and-solitude-amidst-yosemites
Wet Yosemite: http://www.sfgate.com/outdoors/article/As-summer-rush-eases-Yosemite-tries-out-new-920319
National Park Service: https://www.nps.gov/yose/planyourvisit/seasons.htm