

The data below shows the average high temperature each month in Raleigh and San Francisco.

	x	$x - \bar{x}$	$(x - \bar{x})^2$	$s = \sqrt{\frac{\sum (x - \bar{x})^2}{n - 1}}$
Raleigh, NC	Temperature (degrees F)	Deviations from Mean	Squared Deviations	Standard Deviation
January	38			
February	42			
March	50			
April	59			
May	67			
June	74			
July	78			
August	77			
September	70			
October	60			
November	50			
December	43			
Mean $\bar{x} = \frac{\sum x}{n} =$			Sum of Squared Deviations $\sum (x - \bar{x})^2 =$	
			Variance $s^2 = \frac{\sum (x - \bar{x})^2}{n - 1} =$	

	x	$x - \bar{x}$	$(x - \bar{x})^2$	$s = \sqrt{\frac{\sum (x - \bar{x})^2}{n - 1}}$
San Francisco	Temperature (degrees F)	Deviations from Mean	Squared Deviations	Standard Deviation
January	48			
February	52			
March	53			
April	56			
May	57			
June	62			
July	63			
August	64			
September	65			
October	61			
November	54			
December	49			
Mean $\bar{x} = \frac{\sum x}{n} =$			Sum of Squared Deviations $\sum (x - \bar{x})^2 =$	
			Variance $s^2 = \frac{\sum (x - \bar{x})^2}{n - 1} =$	