



In the table below are the high temperatures for a week at Elmendorf Air Force Base in Alaska, Thule Air Force Base in Greenland, and Osan Air Force Base in South Korea. Make a statistical plot for the data from each air force base, and find the standard deviation for each of the three data sets. Which base has the largest standard deviation? Why? Which base has the smallest standard deviation? Why?

High Temperatures (Degrees Fahrenheit)							
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Elmendorf	0	1	3	5	8	8	10
Thule	4	5	5	5	5	5	6
Osan	-18	-17	-1	5	10	25	31

**Statistical Plot** (example: dot plot)

**Standard Deviation Calculation:**

Elmendorf AFB

Thule AFB

Osan AFB