All data from 2016.

- October min,max data $80, 88$ yields a range value of 8.
- November min,max data is $81, 90$ yielding a range value of 9.
- December min,max data is $78, 91$ yielding a range value of 13.

TABLE 1. El Salvador, San Salvador

October	November	December
88	84	86
88	82	86
86	84	86
86	87	84
86	86	78
85	85	84
84	85	87
87	86	88
86	88	88
87	90	87
88	89	88
87	89	82
86	88	86
86	88	86
85	87	87
87	87	87
84	86	87
84	86	88
80	84	91
84	83	87
85	83	87
86	83	84
86	85	86
86	87	85
85	86	88
84	87	88
86	84	89
86	84	89
86	81	89
87	86	86
87	NA	88

SAMPLE STATISTICS

The first method we used R to calculate all the sample statistics after importing all data from a text file. The text file had copy-and-paste data from a python file that scraped and extracted the data from the Wunderground website.

TABLE 2. El Salvador, San Salvador

Statistics	October	November	December
n	31	30	31
$\sum x$	2658	2570	2682
$\sum x^2$	7,064,964	6,604,900	7,193,124
$\overline{x}$	85.74	85.67	86.52
$\tilde{x}$	86	86	87
s	1.59	2.19	2.39
s^2	2.53	4.49	5.41

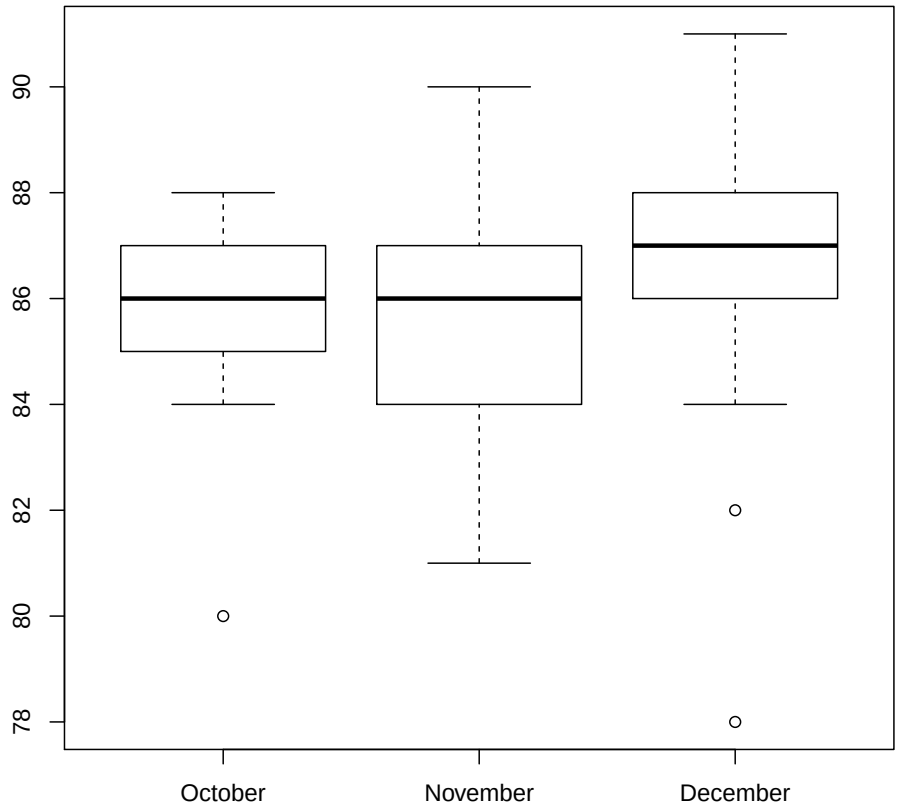
The R *summary* function outputs all quartiles of a data set. Results are below.

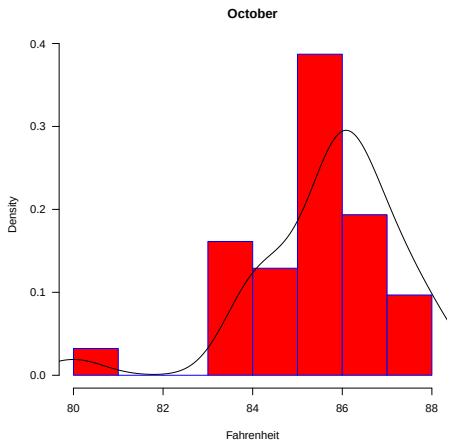
TABLE 3. El Salvador, San Salvador

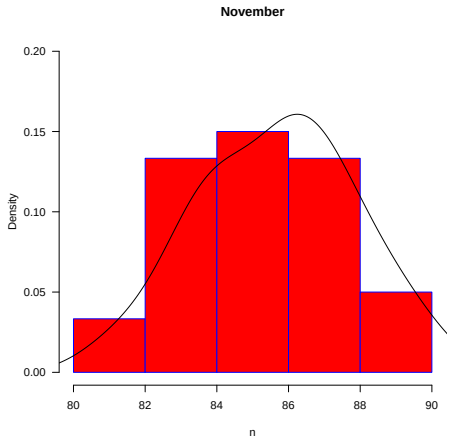
Quartile	October	November	December
Q_1	85	84	86
Q_3	87	87	88

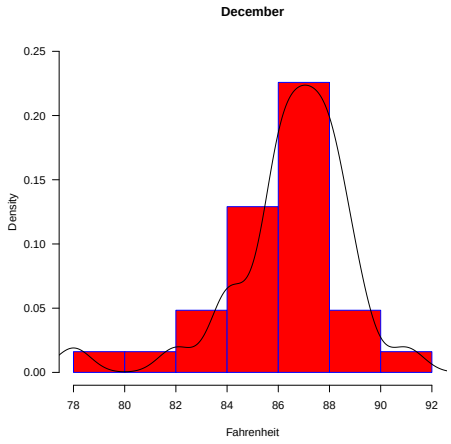
VISUAL INFORMATION

The boxplot has the best visual information. The histogram for each month are included.




October
Density
0.0
0.1
0.2
0.3
0.4
80
82
84
86
88
Fahrenheit


November
Density
0.00
0.05
0.10
0.15
0.20
80
82
84
86
88
90
n


December
Density
0.00
0.05
0.10
0.15
0.20
0.25
78
80
82
84
86
88
90
92
Fahrenheit