

MINITAB Examples

Rainfall Data (The average amount of rainfall in inches for each of 70 U.S. and Puerto Rico cities):

| | | |
|------|------|------|
| 7 | 31.7 | 42.5 |
| 7.2 | 32.5 | 42.5 |
| 7.8 | 33.4 | 42.6 |
| 7.8 | 34.4 | 42.7 |
| 11.5 | 35 | 42.8 |
| 13 | 35.1 | 43.1 |
| 14 | 35.9 | 43.4 |
| 14.6 | 35.9 | 44.7 |
| 15 | 36.1 | 45.5 |
| 15.2 | 36.2 | 46 |
| 16.2 | 36.2 | 46.4 |
| 17.2 | 37 | 48.2 |
| 17.4 | 37 | 48.3 |
| 20.7 | 37.6 | 48.5 |
| 22.9 | 38.7 | 49.1 |
| 24.7 | 38.8 | 49.2 |
| 25.9 | 38.9 | 54.5 |
| 29.1 | 39 | 54.7 |
| 30.2 | 39.9 | 56.8 |
| 30.2 | 40.2 | 59.2 |
| 30.6 | 40.2 | 59.8 |
| 30.8 | 40.8 | 67 |
| 31 | 40.8 | |
| 31.4 | 41.8 | |

Stem-and-Leaf Plot (Minitab instructions given on web page):

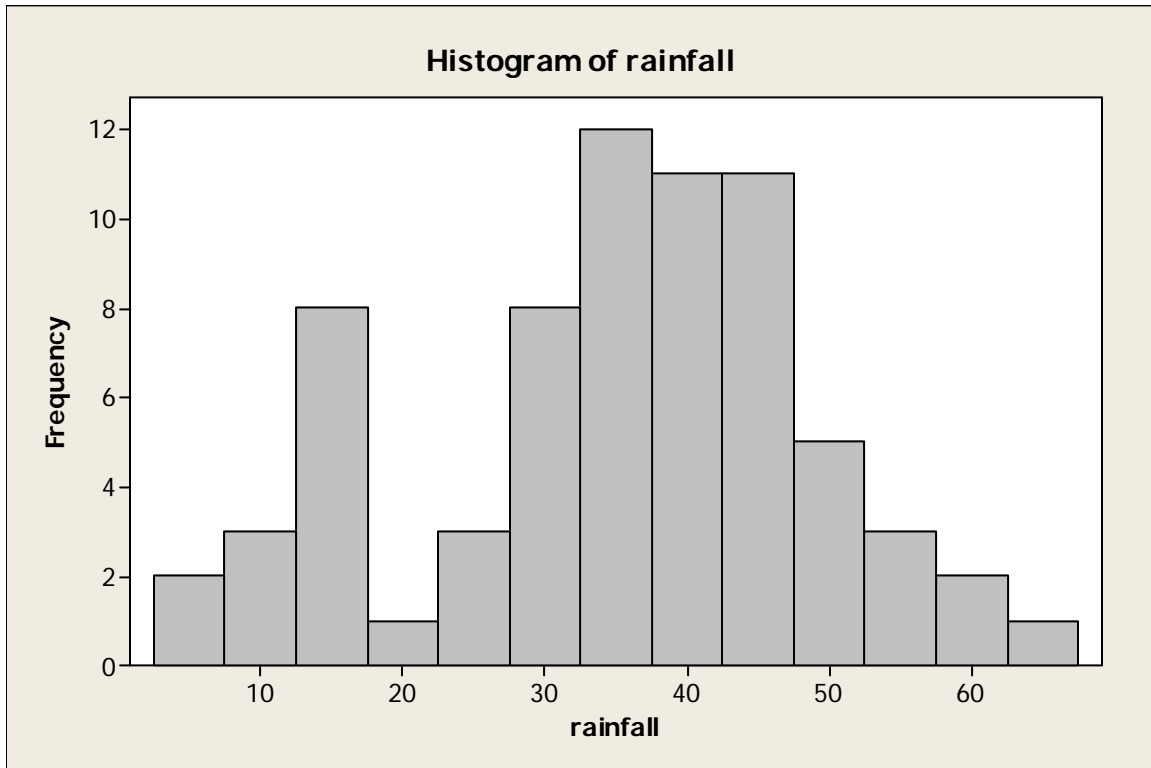
Stem-and-Leaf Display: rainfall

Stem-and-leaf of rainfall N = 70

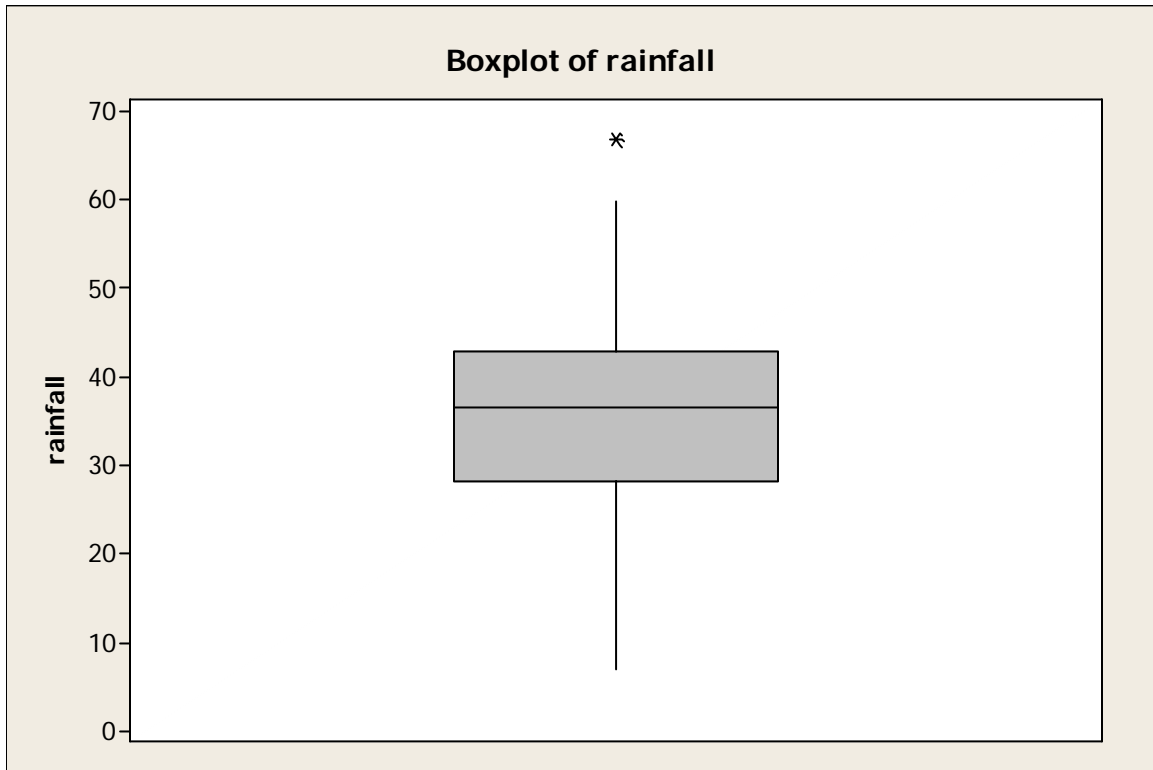
Leaf Unit = 1.0

| | | |
|------|---|-----------------|
| 4 | 0 | 7777 |
| 8 | 1 | 1344 |
| 13 | 1 | 55677 |
| 16 | 2 | 024 |
| 18 | 2 | 59 |
| 28 | 3 | 0000111234 |
| (15) | 3 | 555566677788899 |
| 27 | 4 | 0000122222334 |
| 14 | 4 | 56688899 |
| 6 | 5 | 44 |
| 4 | 5 | 699 |
| 1 | 6 | |
| 1 | 6 | 7 |

Histogram (Minitab instructions given on web page):



Box Plot (Minitab instructions given on web page):



Q-Q plot (Minitab instructions given on web page):

