

HERE ARE THE MAX/MIN TEMPERATURES IN WOLLONGONG THE PAST 10 DAYS.

max	21.7	22.7	22.0	20.9	24.3	22.3	20.8	24.8	24.1	21.0
min	16.2	14.9	15.0	15.0	15.5	13.1	14.1	19.8	14.3	15.2

- (a) FOR THE MAX VALUES, FIND THE MEAN, VARIANCE, STANDARD DEVIATION, MAXIMUM AND MINIMUM, RANGE, QUANTILES AND IQR. DRAW THE BOXPLOT. USE $Q_1 - 1.5 \text{ IQR}$ AND $Q_3 + 1.5 \text{ IQR}$ TO DETERMINE WHETHER THERE ARE OUTLIERS.
- (b) FOR THE MAX VALUES, USE $F = \frac{9}{5}C + 32$ TO FIND THE MEAN, VARIANCE AND STANDARD DEVIATION IN DEGREES FAHRENHEIT.
- (c) FOR THE MIN VALUES, ROUND TO WHOLE NUMBERS AND MAKE A FREQUENCY TABLE AND BAR CHART.
- (d) IS THERE A RELATIONSHIP BETWEEN MAX & MIN? DRAW A SCATTERPLOT TO FIND OUT.