Rainfall totals are obtained from National Weather Service measurements at the Rochester International Airport.
A corn growing degree day (GDD) is an index used to express and track crop development through maturity. The index is calculated by subtracting a base temperature of 50°F from the average of the maximum and minimum temperatures for the day. If the maximum temperature is greater than 86°F, then 86 is used in the equation. If the minimum temperature is less than 50°F, then 50 is used in the equation. These substitutions indicate that no appreciable growth takes place with temperatures greater than 86°F or lower than 50°F.

\[\text{GDD} = \frac{(\text{Maximum temp} + \text{Minimum temp})}{2} - 50\]