Hypotheses:

H0: The red maple buds earlier in 2023 compared to 2008 because of the increasing temperatures.

HA: The red maple budding in unaffected by the temperature in 2023 compared to 2008.

H0: We predict there are higher red maple observations from the Eastern United States because of favorable weather conditions.

HA: The weather conditions do not affect the number of red maple observations.

Data collection: