Observations:

1. Latitude vs. Maximum Temperature: As one moves away from the equator on either directions (northern or the southern hemisphere, the temperature as of today (8/7/2018) changes from high to low. What is striking is that the highest temperatures are NOT at the equator. The max temperature of 107.6 is recorded a little below 40 degree latitude N. The highest recorded temperatures and cools off as one moves towards the poles.

2. In terms of humidity, extremely hot and cooler places tend to be humid. Cooler places below 40F seem be a very humid. This is true for places that record very temperatures too (for example between latitudes of 20 to 40 degree N, the humidity can be either very high (100%) or relatively low humidity of less than 20%.

3. Wind speed is on an average close to 9 mph (pretty calm) compared to the highest windspeed of about 31 mph. As we move away from the equator the wind speed remains closely tied to the 0 to 10 mph.