Summary

Based on the analysis of over 500 randomly picked cities, we can see certain patterns for the weather and latitude of the cities.

Temperature: for this time of the year, weather tends to be warmer as the cities get closer to equator (latitude 0). The Southern hemisphere tends to be warmer than the Northern hemisphere.

Humidity: there is no strong pattern between humidity and latitude. We can see that most cities have a humidity between 60% to 100% for this time of year.

Cloudiness: there is no strong patterns between latitude and cloudiness.

Wind speed: there is no strong patterns between latitude and wind speed. For this time of year; most cities have a wind speed between 0 and 15 mph.