Three observations that I made while working on the data

1. This is an obvious and expected trend in term of temperature vs. latitude as we move further away from the equator the temperature decreases in both direction, either north or south of the equator, which made inverted U-shape graph.
2. I am a bit surprised that there seem to be a trend that there is higher humidity in the northern cities than in the southern cities. One caveat however was that when I pulled random cities, there seem to more cities in the north of the equator than the number of the cities south of equator thus this unequaled numbers could give an false impression that there are more humid cities in the North than in the South.
3. I am also a bit surprised that there are no trends at all for cloudiness and wind speed across different latitudes. Perhaps cloudiness could be a global phenomenon as the cloud flow from one cities to the next, and wind speed could also be local generated but could also be on a global. Also there are different layers and types of cloud that when they said cloudiness, I am not sure they look at high cloud or just low cloud.