What’s the Weather like as approaching the equator?

With random latitude and longitude combination to locate cities via citipy of sample size of 1500, it locates 625 cities. With this cities’ name via openweather, it collects the cities’ weather. It successfully digs out 564 cities with full set weather data.

1. Temperature is getting high close to 40 Celsius in the range of latitude ( -20 to20). And it is getting lower when the latitude is moving north or south from the equator.
2. It appears that there is not special relationship of Humidity across latitudes. There are both low and high humidity across latitudes, though there are more samples showing high humidity than low humidity.
3. Base on my sample finding, there isn’t obvious relationship between Latitude and Cloudiness. It could be other fact affect the cloudiness.
4. My samples show that most of the cities with wind speed lower 10 meters per second across the latitude from -50 to 70. A few cities with over 10 meters per second at the latitude south/north 60 or further. It is possible the wind speed higher at higher latitude.