Observable Trends based on Data:

1. Based on the City Latitude and Max Temperature plot, Maximum Temperatures are highest at the equator (Latitude 0) it goes upto 100°F. Temperature starts to fall down upto 20°F as we go towards the North and South poles.
2. Humidity % is greater mostly greater than 60% near the equator while it varies from 20% to 100% near the North and south pole.
3. Cloudiness and Humidity go hand in hand. As the Humidity increases, percentage of saturation increases and hence the Cloudiness. It is observed that There are a group of Cities which fall under 0% cloudiness throughout the Latitude whereas some other group of cities show 100%saturation in the latitude range -50 to 70.