**API – Challenge**

**Observations:**

Assumption: Latitude + 90 is 90⁰ N (North Pole) and -90 is 90⁰ S (South Pole)

1. Concentration of the Max Temperature = 0⁰ C is around latitude 40⁰ N. In the United States corresponding approximately to the border between Nebraska and Kansas. The chart shows that the South Hemisphere is warmer than the North one due to fact that the Seasons are inverted. (Fall in the North, Spring in the South)
2. Humidity is higher (overall) in the North Hemisphere (higher humidity more visible from the 50th parallel north)
3. There is no significant trend in the Cloudiness chart
4. The Wind Speed is very low across the all spectrum of latitudes.