



Tools used:- EXCEL

Moving average:- 9 years (=AVERAGE(B2:B9))

Sql query:-

```
SELECT global_data.year, global_data.GlobalAvgTemp, city_data.CityAvgTemp
FROM global_data JOIN city_data
ON global_data.year = city_data.year
WHERE city LIKE 'Bangalore';
```

Observation:-

In 1811 Global and Bangalore temperature looks to be cooler

Global avg Temperature varies between 7.1 to 9.5 whereas Bangalore city varies between 23.7 and 25.7

If comparing the Global average temperature the Bangalore city is hotter then Global average temperature.

Graph trends represents ups and downs, around approximately 1819 the moving average temperature starts to increase in the steady rate.

World is getting hotter due to increase in temperature from 1804 to till date.

Conclusion:- World is getting hotter.

