

## WORKSHEET 3

### Latitudes- temperature weather

The main purpose of this worksheet is to show the relation between latitudes and temperature.

In order to show this one need to chose from the maps of the meteorological station all location from the most southern to the most northerly from from 10 to 10 degrees.

For all location each student will chose a particular year and will extract from the **Weather archive** the mean monthly temperatures.

The obtained recorded values will be noted in a table like the one below.

Month	City 1 - geographic coordinate [units - °C, °F,K; latitudes]	City 2 - geographic coordinate [units - °C, °F,K; latitudes]	.....	City N - geographic coordinate [units - °C, °F,K; latitudes]
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

Task to carry out:

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1. Identify by using maps where are the location. We recomand to consider not more then 10 degree one of each other.
  2. The students should fulfill a tabel with all the information: average month temperature, city, geographic coordinate.
  3. The students will plot the data using Excel software.
  4. The students must discuss the plot obtained in term of values and variation.
  5. The students must explain the result.