



Island Climate Guide

My Island _____

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°F)												
Average Rainfall (in)												

Average Temperature & Precipitation C

Temperature Precipitation

Use the Koppen Climate Type definitions to name and describe the climate of your island.

Island Climate Guide:

Use this guide to determine the probable climate of a location. Use the data collection sheet to research average temperature and precipitation levels for similar locations. Then use the “My Island” sheet (in either imperial or metric units) to choose and record data for an imaginary location.

Use the included graph template to create a climate graph.

Enjoy!



Island Climate Guide

This guide is intended to aid in research for the *Climate Change* Island project. Before beginning, you will need to have a general idea of the latitude for your island location in mind. Guide sheets are provided in both imperial and metric units. Print whichever you prefer.

Use the guide as follows:

1. Using google maps, locate your intended island location by longitude and latitude.
2. On the left side, then pick 2-4 locations that should have similar weather patterns to your island location, and note the names on the “similar location” lines.
3. Using travel or tourism websites, look up average monthly temperature and average monthly precipitation for the 2-4 locations chosen in step 2.
 - a. <https://www.climatestotravel.com/>
 - b. <https://weatherspark.com/>
4. Notice patterns in the similar location data. Choose one or more sets of data to mimic for the imaginary island location. Pay particular attention to the temperature or precipitation range, and notice if there is a particular time of year where the numbers rise or fall.
5. Use the actual data patterns to create data for your island. Try to include any patterns you noticed.
6. Use your created data to create a climate graph. You may want to go to the “Climate Graph” to see some examples. You can also see the sample data included in this file.
7. Find a resource that shows climate graphs for different climates. I used the climate page in the National Geography Student Workbooks. Match your graph to the best fit climate graph to determine your island’s climate.
8. Read the simplified Koppen Climate Distribution from National Geographic and use the information to write a short description of your island’s climate.
 - a. <https://education.nationalgeographic.org/resource/what-about-climate/3rd-grade/>



Sample Data

Sample

Use the examples below to help guide your research:

Similar Location: Ormejord, V

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°C)	9	9	9	11	13	15	17	17	16	14	11	10
Average Rainfall (cm)	9	7	6	6	5	3	3	4	6	9	9	11

My Island: Ormejord 49°N 10°W

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°C)	9	9	9	11	13	15	17	17	16	14	11	10
Average Rainfall (cm)	9	7	6	6	5	3	3	4	6	9	9	11

Similar Location: Ushant, France

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°C)	8	8	9	10	12	15	17	17	16	13	10	9
Average Rainfall (cm)	10	8	6	5	5	5	7	8	7	9	10	10

Multiple pages omitted.

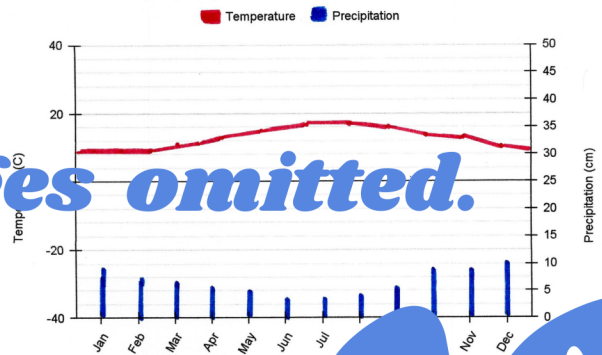
Similar Location: Ushant (France)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°C)	9	8	9	11	13	15	16	17	16	14	11	9
Average Rainfall (cm)	9	7	6	7	6	5	6	6	6	8	10	10

Similar Location: _____

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°C)												
Average Rainfall (cm)												

Average Temperature & Precipitation



Use the Koppen Climate Type definitions to name and describe the climate of your island.

Ormejord has a mild, Marine West Coast climate. It is close to the ocean keeps the temperature over the year in the 10s and warm in winter. It has a moderate amount of precipitation throughout the year.

Sample



Similar Location: _____

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°F)												
Average Rainfall (in)												

Similar Location: _____

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
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Multiple pages omitted.

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My Island : _____

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Average Temperature (°F)												
Average Rainfall (in)												

Average Temperature & Precipitation
Temperature Precipitation



Use the Koppen Climate Type definitions to name and describe the climate of your island:





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Thank you for supporting me and my family. I love making Montessori-style, knowledge-based content for my kids, and am thrilled to have the opportunity to share my creations with you too. I'd love to see how you use them - please tag me and let me know!

You may also like:

