

## Appendix D Statistics of averages temperatures

The temperature curves and the statistics of the average temperatures for the locations used within this thesis: the Scottish Borders, UK, (latitude 55.55°N-55.62°N; longitude 2.89°W-2.84°W), Scania region (Skåne), Sweden (latitude 55.70°N-55.93°N; longitude 13.19 °E-13.55°E) and Seville, Spain (latitude: 37.23°N; longitude: 5.58°W). The statistics for Edinburgh (latitude 55.95°N; longitude 3.22°W) were used for the Scottish Borders and Copenhagen/Kastrup (latitude 55.68°N; longitude 12.57°E) was used for Scania region, taking account of the locations of stations carrying out the measurements. Tables D.1-D.3 present the average temperatures over the period of years from 1961 to 1990 of the respective region.

Table D.1 Edinburgh Airport; Latitude 55.57; Longitude -3.21

Month	Mean Temp °C	Mean Min Temp, °C	Mean Max Temp, °C	Mean Monthly Prec Days	Mean Monthly Days with Thunder	Mean Monthly Sleet/Snow Days
January	3.2 °C	0.3 °C	6.2 °C	n/a	0.0	8.0
February	3.3 °C	0.0 °C	6.5 °C	n/a	0.0	8.0
March	5.1 °C	1.5 °C	8.7 °C	n/a	0.0	6.0
April	7.1 °C	3.1 °C	11.1 °C	n/a	0.0	3.0
May	9.9 °C	5.7 °C	14.2 °C	n/a	1.0	0.0
June	13.0 °C	8.7 °C	17.3 °C	n/a	1.0	0.0
July	14.5 °C	10.3 °C	18.8 °C	n/a	1.0	0.0
August	14.3 °C	10.2 °C	18.5 °C	n/a	1.0	0.0
September	12.3 °C	8.4 °C	16.2 °C	n/a	1.0	0.0
October	9.5 °C	5.9 °C	13.2 °C	n/a	0.0	0.0
November	5.4 °C	2.1 °C	8.7 °C	n/a	0.0	3.0
December	3.9 °C	0.9 °C	6.9 °C	n/a	0.0	5.0

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Table D.2 Copenhagen/Kastrup Airport; Latitude 55.37; Longitude 12.39

Month	Mean Temp °C	Mean Min Temp, °C	Mean Max Temp, °C	Mean Monthly Prec Days	Mean Monthly Days with Thunder	Mean Monthly Sleet/Snow Days
January	.1 °C	-2.0 °C	2.0 °C	n/a	n/a	n/a
February	-.1 °C	-2.3 °C	2.1 °C	n/a	n/a	n/a
March	2.0 °C	-.4 °C	4.8 °C	n/a	n/a	n/a
April	5.6 °C	2.3 °C	9.6 °C	n/a	n/a	n/a
May	10.9 °C	7.0 °C	15.1 °C	n/a	n/a	n/a
June	15.0 °C	11.1 °C	19.4 °C	n/a	n/a	n/a
July	16.4 °C	12.8 °C	20.5 °C	n/a	n/a	n/a
August	16.3 °C	12.5 °C	20.4 °C	n/a	n/a	n/a
September	13.3 °C	10.0 °C	16.8 °C	n/a	n/a	n/a
October	9.6 °C	6.9 °C	12.2 °C	n/a	n/a	n/a
November	5.1 °C	-.2 °C	7.2 °C	n/a	n/a	n/a
December	1.8 °C	.5 °C	3.7 °C	n/a	n/a	n/a

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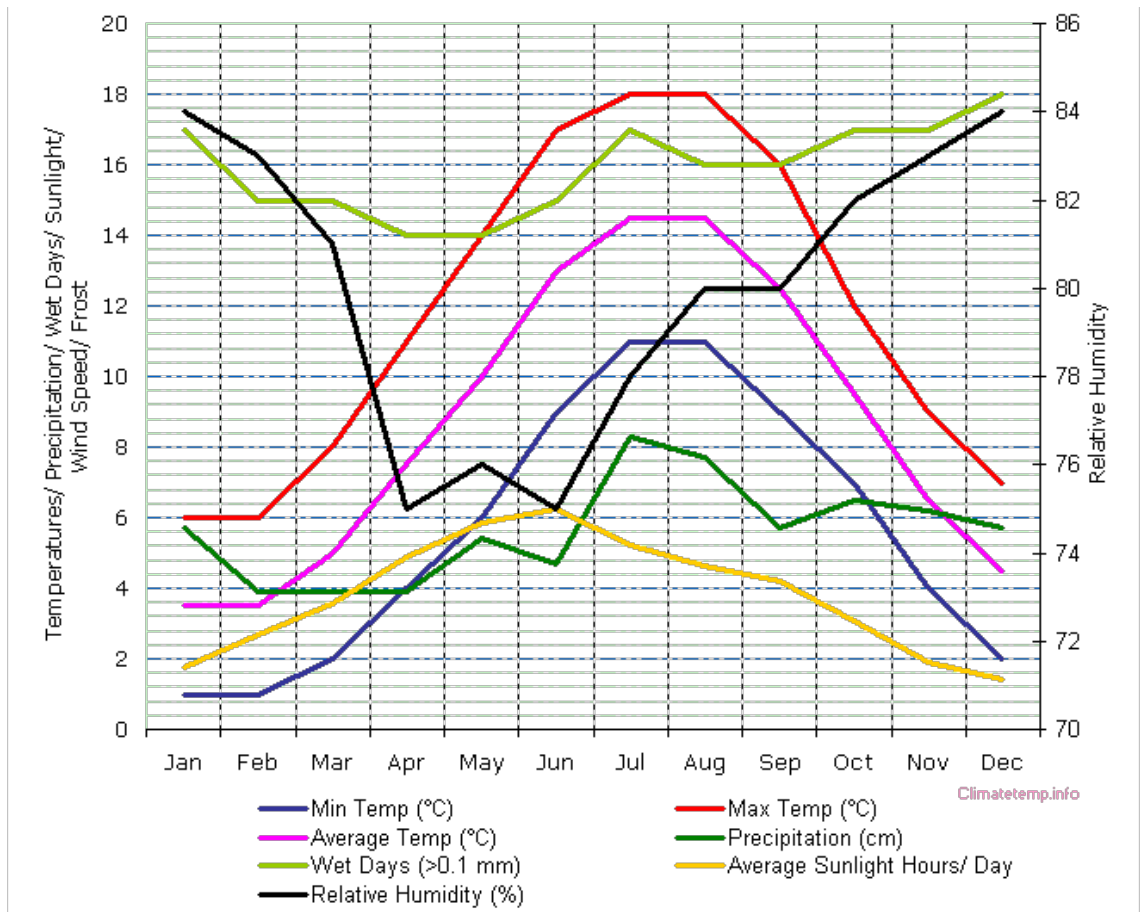
Table D.3 Seville, San Pablo Airport; Latitude 37.39; Longitude -5.98

Month	Mean Temp	Mean Min	Mean Max	Mean Monthly	Mean Monthly	Mean Monthly
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	°C	Temp, °C	Temp, °C	Prec Days	Days with Thunder	Sleet/Snow Days
January	10.7 °C	n/a	n/a	7.3	n/a	n/a
February	11.9 °C	n/a	n/a	7.3	n/a	n/a
March	14.0 °C	n/a	n/a	5.8	n/a	n/a
April	16.0 °C	n/a	n/a	6.5	n/a	n/a
May	19.6 °C	n/a	n/a	4.1	n/a	n/a
June	23.4 °C	n/a	n/a	2.1	n/a	n/a
July	26.8 °C	n/a	n/a	0.1	n/a	n/a
August	26.9 °C	n/a	n/a	0.5	n/a	n/a
September	24.4 °C	n/a	n/a	2.1	n/a	n/a
October	19.5 °C	n/a	n/a	5.4	n/a	n/a
November	14.3 °C	n/a	n/a	6.8	n/a	n/a
December	11.1 °C	n/a	n/a	7.4	n/a	n/a

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Tables D.4-D.6 and Graphs D.1-D.3 present the average yearly temperatures for the three respective regions.



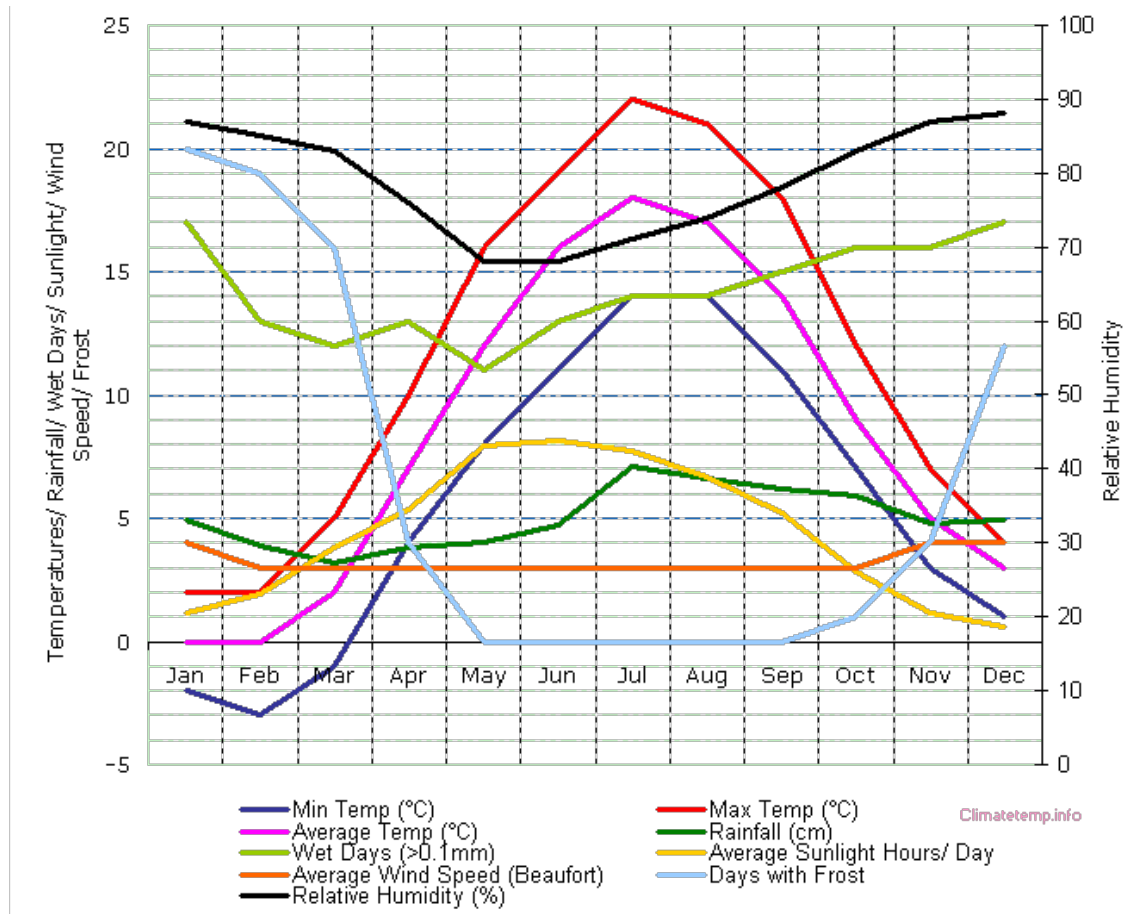
Graph D.1 Climate graph, Edinburgh, UK (altitude 134m)

Table D.4 Average yearly temperatures for Edinburgh, UK

Weather in Edinburgh, Scotland	Average Minimum Temperatures (°C)	Average Maximum Temperature (°C)	Edinburgh Average Temperature (°C)	Average Rainfall/ Precipitation (mm)	Wet Days (>0.1 mm)	Average Sunlight Hours/ Day
January	1	6	3.5	57	17	1.7
February	1	6	3.5	39	15	2.7

March	2	8	5	39	15	3.6
April	4	11	8	39	14	4.9
May	6	14	10	54	14	5.8
June	9	17	13	47	15	6.3
July	11	18	15	83	17	5.2
August	11	18	14.5	77	16	4.6
September	9	16	13	57	16	4.2
October	7	12	10	65	17	3.1
November	4	9	7	62	17	1.9
December	2	7	4.5	57	18	1.4

Accessed <http://www.edinburgh.climatemps.com/>, 2013-02-28



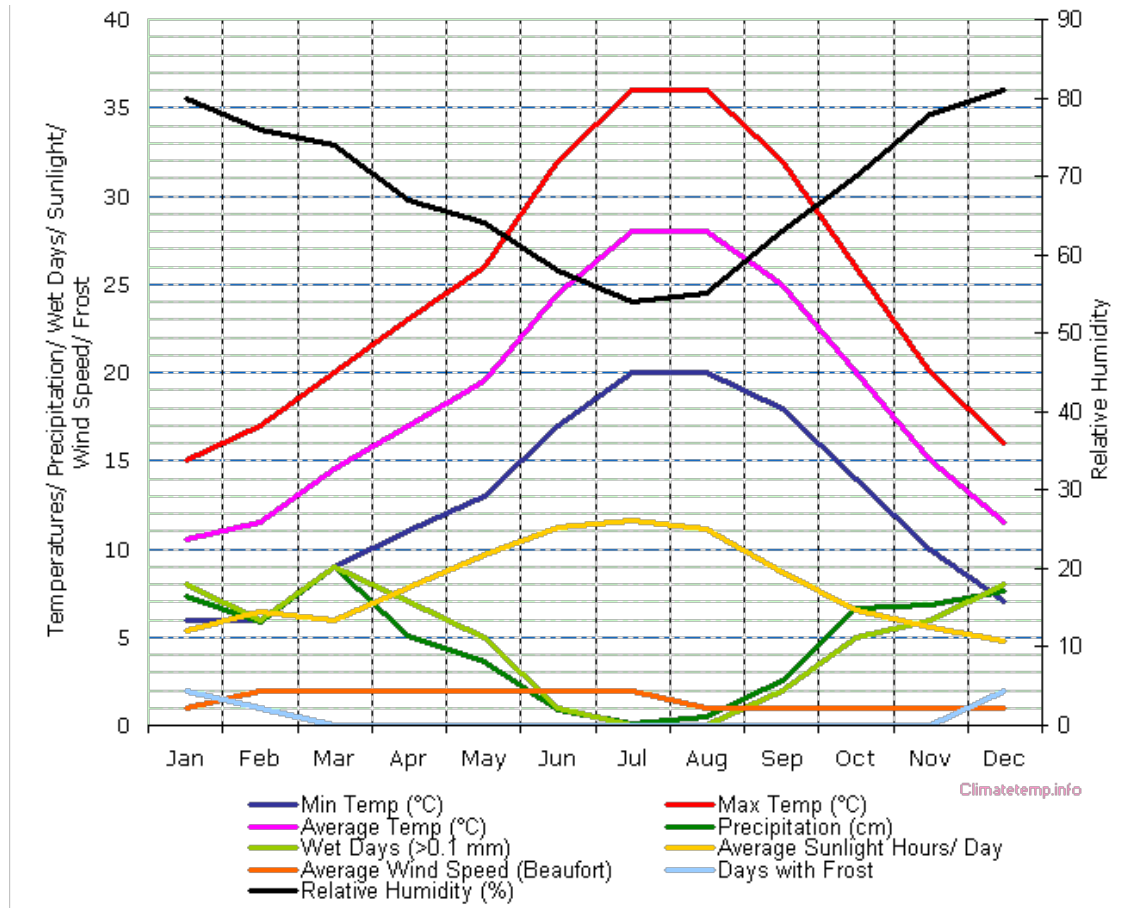
Graph D.2 Climate graph, Copenhagen, Denmark (altitude 9m)

Table D.5 Average yearly temperatures for Copenhagen, Denmark

Weather in Copenhagen, Denmark	Average Minimum Temperatures (°C)	Average Maximum Temperature (°C)	Copenhagen Average Temperature (°C)	Average Rainfall/Precipitation (mm)	Wet Days (>0.1 mm)	Average Sunlight Hours/Day
January	-2	2	0	49	17	1.2
February	-3	2	0	39	13	1.9
March	-1	5	2	32	12	3.8
April	4	10	7	38	13	5.4
May	8	16	12	40	11	7.9
June	11	19	16	47	13	8.2
July	14	22	18	71	14	7.7
August	14	21	17	66	14	6.7

September	11	18	14	62	15	5.2
October	7	12	9	59	16	2.8
November	3	7	5	48	16	1.1
December	1	4	3	49	17	0.6

Accessed <http://www.copenhagen.climateemps.com/#top>, 2013-02-28



Graph D.3 Climate graph, Seville, Spain (altitude 13m)

Table D.6 Average yearly temperatures for, Seville, Spain

Weather in Seville, Spain	Average Minimum Temperatures (°C)	Average Maximum Temperature (°C)	Copenhagen Average Temperature (°C)	Average Rainfall/Precipitation (mm)	Wet Days (>0.1 mm)	Average Sunlight Hours/Day
January	6	15	10.5	73	8	5.4
February	6	17	11.5	59	6	6.4
March	9	20	15	90	9	6.0
April	11	23	17	51	7	7.8
May	13	26	20	36	5	9.6
June	17	32	25	9	1	11.2
July	20	36	28	1	0	11.6
August	20	36	28	5	0	11.1
September	18	32	25	25	2	8.7
October	14	26	20	66	5	6.5
November	10	20	15	68	6	5.6
December	7	16	11.5	76	8	4.8

Accessed <http://www.seville.climateemps.com/>, 2013-02-28