ADDENDA

ANSI/ASHRAE Addendum a to
ANSI/ASHRAE Standard 169-2020

Climatic Data for Building Design Standards

Approved by ASHRAE and the American National Standards Institute on October 29, 2021.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (https://www.ashrae.org/continuous-maintenance).

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FOREWORD

This standard provides a comprehensive source of climate data for those involved in building design. It has been established to provide a variety of climatic information used primarily for the design, planning, and sizing of buildings' energy systems and equipment. This standard is referenced in other standards such as Standards 90.1, 90.2, 90.4, 100, 127, and 189.1.

The data presented in this standard are compiled from the 2021 ASHRAE Handbook—Fundamentals*, Chapter 14, "Climatic Design Information," and other data developed specifically for this standard from ASHRAE RP-1847, "Updating Climatic Design Information for the 2021 ASHRAE Handbook, Standard 169, and the Handbook of Smoke Control Engineering"*

The data and tables have been completely revised and updated from Standard 169-2020. The standard includes data for 9237 locations throughout the world, an increase of 1119.

Where changes are shown in the text, new text is shown by underline and deleted text shown by ~~strikeout~~. Due to the large increase in the number of locations covered in this standard and the resulting changes, some tables are replaced in their entirety rather than using strikeout and underline, indicated by *italics*.

Addendum a to 169-2020

3.2 Abbreviations and Acronyms

WSAvg = monthly average wind speed, mph (m/s)

4. CLIMATIC DESIGN DATA AND CLIMATE ZONES

Normative Appendix A comprises data for ~~8118~~ 9237 U.S., Canadian, and international locations. This information generally represents annual and monthly percentiles of occurrence of temperature, various measures of humidity, and wind speed for use in the design of building energy and ventilation systems. These data also include HDD and CDD annual average values and heating and cooling design temperatures. A sample of this climatic data is provided in Table A-1 for EXAMPLE CITY ~~Atlanta, Georgia, USA~~. Design conditions for all ~~8118~~ 9237 locations are located online at the following location: *www.ashrae.org.*

5. CLIMATE ZONE MAPS

Informative Appendix B provides illustrative climate zone maps for major countries and continents. These maps do not supersede the information in Normative Appendix A. The maps are ~~one-half~~ one-quarter-degree latitude by ~~five-eighths~~ one-quarter-degree longitude resolution (0.25 x 0.25°). For this reason, the data and climate zones for specific locations outside the U. S. presented in Normative Appendix A shall be used. These maps are provided to show general locations of the climate zones.

(This is a normative appendix and is part of this standard.)

NORMATIVE APPENDIX A
CLIMATIC DESIGN DATA AND CLIMATE ZONES

This section describes the data contained in Normative Appendix A, which are included online at www.ashrae.org

A1. CLIMATIC DESIGN CONDITIONS

…

j. Period analyzed (e.g., ~~90-14~~ 94-19 = data from ~~1990 to 2014~~ 1994 to 2019 were used)

…

A1.1.1 Annual Heating, ~~and~~ Humidification, and Ventilation Design Conditions

…

f. Weather and Shielding Factor (WSF), 1/h; this factor is used in ventilation calculations as per ASHRAE *Standard* 62.2-2019.

…

A2. MONTHLY CLIMATIC DESIGN CONDITIONS

Monthly design conditions are divided into subsections as follows.

A2.1 Temperatures, Degree-Days, ~~and~~ Degree-Hours, Wind, and Precipitation

a. Average temperature in °F (°C) (defined as the average of the high and low daily temperatures). This parameter is a prime indicator of climate and is also useful to calculate heating and cooling degree-days to any base.

…

d. Cooling degree-hours (bases 74°F and 80°F [23.3°C and 26.7°C]). These ~~are~~ have historically been used in various standards, such as *Standard* 90.2-2004.

…

f. Average precipitation, in (mm). This parameter is used to calculate climate zones for *Standard* 169 and is of interest in some green building technologies (e.g., vegetative roofs, stormwater harvesting).

…

A2.2 Monthly Design Dry-Bulb, Wet-Bulb, and Mean Coincident Temperatures.

…

For a 30-day month, the 0.4%, 2.0%, 5.0%, and 10.0% values of occurrence represent the value that occurs or is exceeded for a total of 3, 14, 36, or 72 hours, respectively, per month on average over the period of record. Monthly percentile values of dry-bulb or wet-bulb temperature may be higher or lower than the design conditions corresponding to the same nominal percentile, depending on the month and the seasonal distribution of the parameter at that location. Generally, for the hottest or most humid months of the year, the monthly percentile value will exceed the design condition for the same element corresponding to the same nominal percentile. For instance, Table A-1 shows that the annual 0.4% design dry-bulb temperature in example city ~~Atlanta, GA~~ is 94.0°F (34.4°C). The 0.4% monthly dry-bulb temperature exceeds 94.0°F

(34.4°C) for June, July, and August, with values of 94.~~7~~5°F (34.~~9~~7°C), 97.~~9~~6°F (36.~~6~~4°C), and 97.4°F (36.3°C), respectively.

…

A2.3 Mean Daily Temperature Range. These values are useful in calculating daily dry- and wet-bulb temperature profiles. Three kinds of profiles are defined:

a. Mean daily temperature range for month indicated in °F (°C) (defined as the mean ~~of~~ difference between daily maximum and minimum dry-bulb temperatures).

…

A2.6 Historical Trends. Trends for annual average dry-bulb temperature, 99% dry-bulb and dew-point temperatures, 1% dry-bulb, dew-point and wet-bulb temperatures, and heating and cooling degree-days (bases 50 and 65°F (10 and 18.3°C)) are provided. Trends are expressed in °F (°C) per decade for temperatures, and in °F (°C)-day per decade for degree-days.

The 'Station only' row provides trends calculated with data from the station alone. It shows the rate (expressed per decade) at which climatic design conditions have changed. For example a value of -0.36 (-0.20) in the 1% WB column indicates that yearly 1% wet-bulb temperatures have typically decreased at a rate of 0.36°F (0.20°C) per decade over the period of record used for the calculation.

The rate of change is tested against the null hypothesis (zero trend) based on a two-sided test at the 95% level ($p \leq 0.05$). That is, a small p indicates that a zero trend is possible but very unlikely. When trends are considered statistically insignificant, or when there is insufficient data (a minimum of 15 unique years) to perform the trend analysis, the trend values simply appear as N/A.

Trends are often hard to detect for individual stations. Grouping stations together may provide a stronger signal and make it easier to identify a significant trend. The 'Regional' trend for a station evaluates data from all stations within 125 mi (200 km) of the station of interest and may provide better confidence for some trends. Note that depending on the station density, there may be upwards of 100 neighbors or few if any stations. For those stations with no neighbors the regional trend data will appear as N/A.

How to use the trend estimates is left to individual practitioners, as there is at this stage no accepted method of designing for future climate. The trends reported here, or indeed the lack thereof, reflect only what has occurred over the period of record utilized for a station. A significant trend can result from undocumented location changes, equipment replacement or error (e.g. sensor "drift"), nearby topographic modifications (trees, buildings), and, finally, larger scale (local, synoptic, global) changes in climate. Past trends are not necessarily indicators of future trends, and the trends reported here are based on a shorter period of record than used for climate change research, which generally consider periods of 30 to over 100 years. See the 2021 ASHRAE Handbook—Fundamentals, Chapter 14, "Climatic Design Information" for further consideration to this topic. Chapter 36, "Global Climate Change," provides an overview of climate science together with a discussion of climate change mitigation and adaptation.

A2.6~~7~~ Climate Filenames and Order. Tables A-3, A-5, and A-6 list~~s~~ the ~~8118~~ 9237 stations alphabetically for U.S., Canadian, and other locations, respectively. Climatic design conditions for each location in both I-P and SI units are located online at *www.ashrae.org*. The files are named by the WMO#. Thus, the filenames for Atlanta are 722190_p.pdf for I-P units and 722190_s.pdf for SI units. Users may also access the files by opening the file named StnList_p.pdf (for I-P units) or StnList_s.pdf (for SI units), which gives the alphabetical listing of stations and the corresponding WMO#, and then clicking on the WMO# link.

…

Delete existing Table A-1 (I-P and S-I) and replace with following

TABLE A-1 Design Conditions for ~~Atlanta, GA, USA~~ Example City (I-P)

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EXAMPLE CITY, GA, USA WMO: **777777**

Lat: **33.640N** Lon: **84.430W** Elev: **1027** StdP: **14.16** Time Zone: **-5.00 (NAE)** Period: **90-14** WBAN: **99999**

Annual Heating, Humidification, and Ventilation Design Conditions

	Coldest Month	Heating DB		Humidification DP/MCDB and HR						Coldest Month WS/MCDB				MCWS/PCWD to 99.6% DB		WSF	
		99.6%	99%	99.6% DP	99.6% HR	99.6% MCDB	99% DP	99% HR	99% MCDB	0.4% WS	0.4% MCDB	1% WS	1% MCDB	MCWS	PCWD		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(1)	1	21.9	26.5	4.9	7.3	29.3	9.3	9.2	32.8	24.8	39.7	23.3	39.2	11.8	320	0.435	(1)

Annual Cooling, Dehumidification, and Enthalpy Design Conditions

	Hottest Month	Hottest Month DB Range	Cooling DB/MCWB						Evaporation WB/MCDB						MCWS/PCWD to 0.4% DB		
			0.4% DB	0.4% MCWB	1% DB	1% MCWB	2% DB	2% MCWB	0.4% WB	0.4% MCDB	1% WB	1% MCDB	2% WB	2% MCDB	MCWS	PCWD	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(2)	7	16.7	94.0	74.2	91.6	73.8	89.5	73.3	77.3	88.3	76.3	86.5	75.4	84.8	8.7	300	(2)

	Dehumidification DP/MCDB and HR									Enthalpy/MCDB						Extreme Max WB	
	0.4%			1%			2%			0.4%		1%		2%			
	DP	HR	MCDB	DP	HR	MCDB	DP	HR	MCDB	Enth	MCDB	Enth	MCDB	Enth	MCDB		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(3)	74.3	133.3	81.3	73.4	128.9	80.3	72.6	125.5	79.6	41.3	88.3	40.3	86.7	39.5	85.4	82.4	(3)

Extreme Annual Design Conditions

	Extreme Annual WS				Extreme Annual Temperature				n-Year Return Period Values of Extreme Temperature								
					Mean		Standard Deviation		n=5 years		n=10 years		n=20 years		n=50 years		
	1%	2.5%	5%		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
	(a)	(b)	(c)		(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(4)	21.3	18.9	17.0	DB	15.0	96.6	4.6	3.7	11.6	99.3	8.9	101.4	6.3	103.5	3.0	106.2	(4)
(5)				WB	12.6	79.0	4.4	1.5	9.5	80.1	6.9	81.0	4.4	81.8	1.2	82.9	(5)

Monthly Climatic Design Conditions

				Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
				(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(6)	Temperatures, Degree-Days and Degree-Hours		DBAvg	63.0	44.5	48.0	54.9	62.6	70.5	77.3	80.1	79.5	73.9	63.6	53.5	46.4	(6)
(7)			DBStd	14.60	9.66	8.88	9.00	7.40	6.17	4.51	3.50	3.84	5.47	7.07	8.10	8.82	(7)
(8)			HDD50	653	224	132	55	6	0	0	0	0	0	4	56	176	(8)
(9)			HDD65	2640	635	477	329	127	25	1	0	0	7	111	352	576	(9)
(10)			CDD50	5391	54	76	205	385	636	819	933	914	717	425	161	66	(10)
(11)			CDD65	1901	0	1	14	56	195	370	468	449	273	67	7	1	(11)
(12)			CDH74	16445	0	3	103	435	1509	3337	4488	4173	2014	360	22	1	(12)
(13)			CDH80	6151	0	0	8	66	419	1333	1922	1726	637	40	0	0	(13)
(14)	Wind		WSAvg	8.2	9.2	9.4	9.5	8.8	7.9	7.3	7.0	6.7	7.5	7.8	8.2	8.9	(14)
(15)	Precipitation		PrecAvg	50.8	4.7	4.8	5.8	4.3	4.3	3.6	5.0	3.7	3.4	3.1	3.9	4.3	(15)
(16)			PrecMax	64.9	10.2	12.8	11.7	11.9	8.4	7.4	8.5	8.7	6.1	7.5	7.2	9.9	(16)
(17)			PrecMin	37.7	1.7	0.8	2.4	1.5	0.4	1.0	0.7	0.5	0.7	0.1	0.9	0.7	(17)
(18)			PrecStd	7.2	2.1	2.7	2.7	2.4	2.3	1.8	2.2	2.2	1.6	2.1	1.6	2.4	(18)
(19)	Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperatures	0.4%	DB	70.5	73.4	80.8	85.0	90.2	94.5	97.6	97.4	92.8	83.5	77.4	72.3	(19)	
(20)			MCWB	60.8	61.3	62.6	66.5	71.3	72.9	74.8	74.3	72.0	68.3	64.1	63.1	(20)	
(21)		2%	DB	66.3	69.1	76.9	82.0	87.0	92.0	94.1	93.7	89.0	80.9	73.3	68.6	(21)	
(22)			MCWB	58.7	58.8	60.6	64.9	69.8	72.9	74.7	74.6	71.4	66.7	61.8	61.6	(22)	
(23)		5%	DB	63.0	65.9	73.5	79.2	84.6	89.8	91.6	90.9	86.4	78.2	70.3	64.6	(23)	
(24)			MCWB	57.2	56.9	59.1	63.4	68.8	72.5	74.3	74.2	70.7	64.7	60.6	59.0	(24)	
(25)		10%	DB	59.5	62.7	69.8	76.1	82.1	87.4	89.1	88.3	83.8	75.3	67.1	60.9	(25)	
(26)			MCWB	53.9	54.5	57.7	61.8	67.8	71.9	74.2	73.4	70.2	64.1	58.4	55.2	(26)	
(27)	Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperatures	0.4%	WB	64.2	65.5	66.4	70.8	74.9	77.3	78.9	78.4	76.4	72.0	69.2	66.7	(27)	
(28)			MCDB	67.5	67.9	72.8	79.2	83.3	88.4	89.6	89.9	86.1	78.8	71.8	69.8	(28)	
(29)		2%	WB	61.6	62.4	64.1	68.3	72.7	75.9	77.5	77.2	74.6	70.2	66.1	63.5	(29)	
(30)			MCDB	64.6	66.6	71.5	76.3	82.3	86.5	88.3	88.4	83.2	75.9	70.0	66.4	(30)	
(31)		5%	WB	58.6	59.5	62.1	66.4	71.3	74.9	76.5	76.2	73.5	68.7	63.5	60.3	(31)	
(32)			MCDB	61.9	64.0	70.0	74.4	80.6	85.0	86.7	86.1	80.9	73.8	67.7	64.1	(32)	
(33)		10%	WB	55.2	56.3	60.0	64.5	69.9	73.8	75.4	75.2	72.6	66.9	60.5	56.3	(33)	
(34)			MCDB	58.3	60.6	67.0	72.3	78.6	83.1	84.9	84.2	79.5	72.3	65.4	59.8	(34)	
(35)	Mean Daily Temperature Range		MDBR	17.3	18.2	19.2	19.8	18.2	17.2	16.7	16.4	16.5	18.1	18.7	16.6	(35)	
(36)		5% DB	MCDBR	19.5	20.9	22.5	22.0	20.1	20.1	20.2	19.5	19.1	20.4	20.9	19.5	(36)	
(37)			MCWBR	13.6	13.3	11.0	9.5	7.5	6.6	6.1	6.0	6.8	8.9	11.7	13.2	(37)	
(38)		5% WB	MCDBR	16.0	17.5	17.9	18.2	17.3	17.3	17.5	16.8	15.3	14.9	16.8	16.8	(38)	
(39)			MCWBR	13.2	13.8	11.0	9.8	7.7	6.9	6.4	6.1	6.9	8.9	12.9	13.6	(39)	
(40)	Clear-Sky Solar Irradiance		taub	0.310	0.315	0.347	0.386	0.440	0.473	0.515	0.515	0.417	0.363	0.333	0.311	(40)	
(41)			taud	2.538	2.521	2.453	2.324	2.213	2.168	2.066	2.052	2.312	2.460	2.484	2.554	(41)	
(42)			Ebn at Noon	288	298	295	286	270	260	249	246	268	277	276	281	(42)	
(43)			Edh at Noon	26	29	34	40	46	48	53	52	39	31	27	24	(43)	
(44)	All-Sky Solar Radiation		RadAvg	852	1054	1407	1751	1904	1954	1858	1726	1496	1275	963	738	(44)	
(45)			RadStd	50	122	109	126	164	162	134	103	148	163	82	73	(45)	

Historical Trends

		DBAvg	Heating		Cooling			Degree-Days				
			99% DB	99% DP	1% DB	1% WB	1% DP	HDD50	HDD65	CDD50	CDD65	
		(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
(46)	Station Only	N/A	N/A	N/A	N/A	-0.36	-0.41	N/A	N/A	N/A	N/A	(46)
(47)	Regional (1 neighbor)	N/A	N/A	N/A	N/A	-0.43	-0.47	N/A	N/A	N/A	N/A	(47)

Nomenclature: See separate page

TABLE A-1 Design Conditions for ~~Atlanta, GA, USA~~ Example City (SI)

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EXAMPLE CITY, GA, USA

WMO: 777777

Lat: 33.640N Lon: 84.430W Elev: 313 StdP: 97.62 Time Zone: -5.00 (NAE) Period: 90-14 WBAN: 99999

Annual Heating, Humidification, and Ventilation Design Conditions

	Coldest Month	Heating DB		Humidification DP/MCDB and HR						Coldest Month WS/MCDB				MCWS/PCWD to 99.6% DB		WSF	
		99.6%	99%	99.6%			99%			0.4%		1%					
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(1)	1	-5.6	-3.0	-15.1	1.0	-1.5	-12.6	1.3	0.5	11.1	4.3	10.4	4.0	5.3	320	0.435	(1)

Annual Cooling, Dehumidification, and Enthalpy Design Conditions

	Hottest Month	Hottest Month DB Range	Cooling DB/MCWB						Evaporation WB/MCDB						MCWS/PCWD to 0.4% DB		
			0.4%		1%		2%		0.4%		1%		2%				
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(2)	7	9.3	34.4	23.4	33.1	23.2	32.0	22.9	25.2	31.3	24.6	30.3	24.1	29.3	3.9	300	(2)

	Dehumidification DP/MCDB and HR									Enthalpy/MCDB						Extreme Max WB	
	0.4%			1%			2%			0.4%		1%		2%			
	DP	HR	MCDB	DP	HR	MCDB	DP	HR	MCDB	Enth	MCDB	Enth	MCDB	Enth	MCDB		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(3)	23.5	19.0	27.4	23.0	18.4	26.8	22.6	17.9	26.5	78.3	31.3	75.9	30.4	73.9	29.6	28.0	(3)

Extreme Annual Design Conditions

	Extreme Annual WS				Extreme Annual Temperature				n-Year Return Period Values of Extreme Temperature								
					Mean		Standard Deviation		n=5 years		n=10 years		n=20 years		n=50 years		
	1%	2.5%	5%		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
	(a)	(b)	(c)		(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(4)	9.5	8.5	7.6	DB	-9.5	35.9	2.6	2.0	-11.3	37.4	-12.8	38.6	-14.3	39.7	-16.1	41.2	(4)
(5)				WB	-10.8	26.1	2.4	0.8	-12.5	26.7	-13.9	27.2	-15.3	27.7	-17.1	28.3	(5)

Monthly Climatic Design Conditions

				Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
				(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
(6)	Temperatures, Degree-Days and Degree-Hours		DBAvg	17.2	7.0	8.9	12.7	17.0	21.4	25.2	26.7	26.4	23.3	17.5	11.9	8.0	(6)
(7)			DBStd	8.11	5.37	4.93	5.00	4.11	3.43	2.50	1.95	2.13	3.04	3.93	4.50	4.90	(7)
(8)			HDD10.0	363	124	73	31	3	0	0	0	0	0	2	31	98	(8)
(9)			HDD18.3	1467	353	265	183	71	14	1	0	0	4	62	196	320	(9)
(10)			CDD10.0	2995	30	42	114	214	353	455	518	508	398	236	89	37	(10)
(11)			CDD18.3	1056	0	1	8	31	108	206	260	249	152	37	4	1	(11)
(12)			CDH23.3	9136	0	2	57	242	838	1854	2493	2318	1119	200	12	1	(12)
(13)			CDH26.7	3417	0	0	4	37	233	741	1068	959	354	22	0	0	(13)
(14)	Wind		WSAvg	3.7	4.1	4.2	4.3	3.9	3.5	3.3	3.1	3.0	3.4	3.5	3.7	4.0	(14)
(15)	Precipitation		PrecAvg	1290	121	122	147	108	109	90	127	93	87	78	98	110	(15)
(16)			PrecMax	1649	258	324	296	301	213	187	216	220	154	191	182	252	(16)
(17)			PrecMin	958	44	20	62	38	10	25	19	13	18	2	23	17	(17)
(18)			PrecStd	183	54	70	69	61	59	46	56	57	41	53	40	60	(18)
(19)	Monthly Design Dry Bulb and Mean Coincident Wet Bulb Temperatures	0.4%	DB	21.4	23.0	27.1	29.4	32.3	34.7	36.4	36.3	33.8	28.6	25.2	22.4	(19)	
(20)			MCWB	16.0	16.3	17.0	19.2	21.8	22.7	23.8	23.5	22.2	20.2	17.8	17.3	(20)	
(21)		2%	DB	19.0	20.6	25.0	27.8	30.6	33.3	34.5	34.3	31.7	27.1	23.0	20.4	(21)	
(22)			MCWB	14.8	14.9	15.9	18.3	21.0	22.7	23.7	23.7	21.9	19.3	16.5	16.4	(22)	
(23)		5%	DB	17.2	18.8	23.0	26.2	29.2	32.1	33.1	32.7	30.2	25.7	21.3	18.1	(23)	
(24)			MCWB	14.0	13.8	15.1	17.5	20.4	22.5	23.5	23.4	21.5	18.1	15.9	15.0	(24)	
(25)		10%	DB	15.3	17.0	21.0	24.5	27.8	30.8	31.7	31.3	28.8	24.1	19.5	16.1	(25)	
(26)			MCWB	12.1	12.5	14.3	16.6	19.9	22.2	23.5	23.0	21.2	17.8	14.6	12.9	(26)	
(27)	Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperatures	0.4%	WB	17.9	18.6	19.1	21.5	23.9	25.2	26.0	25.8	24.7	22.2	20.7	19.3	(27)	
(28)			MCDB	19.7	19.9	22.7	26.2	28.5	31.3	32.0	32.2	30.0	26.0	22.1	21.0	(28)	
(29)		2%	WB	16.5	16.9	17.8	20.1	22.6	24.4	25.3	25.1	23.7	21.2	19.0	17.5	(29)	
(30)			MCDB	18.1	19.2	21.9	24.6	28.0	30.3	31.3	31.3	28.4	24.4	21.1	19.1	(30)	
(31)		5%	WB	14.8	15.3	16.7	19.1	21.8	23.8	24.7	24.5	23.1	20.4	17.5	15.7	(31)	
(32)			MCDB	16.6	17.8	21.1	23.5	27.0	29.4	30.4	30.1	27.2	23.2	19.8	17.8	(32)	
(33)		10%	WB	12.9	13.5	15.5	18.0	21.1	23.2	24.1	24.0	22.5	19.4	15.8	13.5	(33)	
(34)			MCDB	14.6	15.9	19.4	22.4	25.9	28.4	29.4	29.0	26.4	22.4	18.5	15.4	(34)	
(35)	Mean Daily Temperature Range		MDBR	9.6	10.1	10.7	11.0	10.1	9.5	9.3	9.1	9.2	10.1	10.4	9.2	(35)	
(36)		5% DB	MCDBR	10.8	11.6	12.5	12.2	11.1	11.1	11.2	10.8	10.6	11.3	11.6	10.8	(36)	
(37)			MCWBR	7.5	7.4	6.1	5.3	4.2	3.7	3.4	3.4	3.8	5.0	6.5	7.4	(37)	
(38)		5% WB	MCDBR	8.9	9.7	9.9	10.1	9.6	9.6	9.7	9.4	8.5	8.3	9.3	9.3	(38)	
(39)			MCWBR	7.3	7.7	6.1	5.4	4.3	3.8	3.6	3.4	3.8	4.9	7.2	7.5	(39)	
(40)	Clear-Sky Solar Irradiance	taub		0.310	0.315	0.347	0.386	0.440	0.473	0.515	0.515	0.417	0.363	0.333	0.311	(40)	
(41)		taud		2.538	2.521	2.453	2.324	2.213	2.168	2.066	2.052	2.312	2.460	2.484	2.554	(41)	
(42)		Ebn at Noon		908	941	929	901	852	820	784	776	845	872	870	887	(42)	
(43)		Edh at Noon		82	92	107	127	144	150	166	165	122	97	86	77	(43)	
(44)	All-Sky Solar Radiation	RadAvg		2.69	3.32	4.43	5.52	6.00	6.16	5.86	5.44	4.72	4.02	3.04	2.33	(44)	
(45)		RadStd		0.16	0.39	0.34	0.40	0.52	0.51	0.42	0.32	0.47	0.51	0.26	0.23	(45)	

Historical Trends

		DBAvg	Heating		Cooling			Degree-Days				
			99% DB	99% DP	1% DB	1% WB	1% DP	HDD10.0	HDD18.3	CDD10.0	CDD18.3	
		(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
(46)	Station Only	N/A	N/A	N/A	N/A	-0.20	-0.23	N/A	N/A	N/A	N/A	(46)
(47)	Regional (1 neighbor)	N/A	N/A	N/A	N/A	-0.24	-0.26	N/A	N/A	N/A	N/A	(47)

Nomenclature: See separate page

Replace Figure A-2 (U.S. county map) and replace with the following

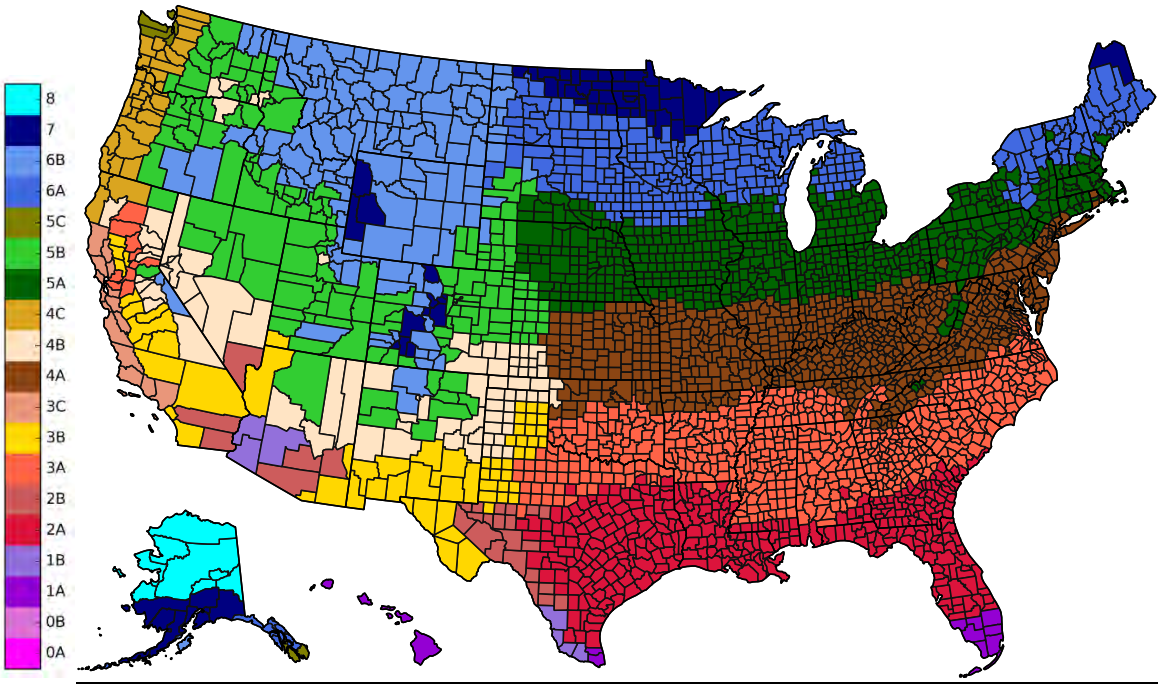

Figure A-2 Climate Zones for United States Counties

Delete contents of Tables A-3, A-4, A-5, and A-6 in their entirety and replace with the following.

Table A-3 United States Stations and Climate Zones

State / County	Location	WMO #	Latitude	Longitude	Climate Zone
Alabama (AL)					
Autauga					3A
Baldwin					2A
	FAIRHOPE	720592	30.46	-87.877	
	FAIRHOPE 3 NE	722370	30.549	-87.876	
	GULF SHORES	720381	30.291	-87.672	
Barbour					2A
	WEEDON FIELD	720363	31.951	-85.129	
Bibb					3A
	CENTREVILLE	722290	32.9	-87.25	
Blount					3A
Bullock					3A
Butler					3A
	GREENVILLE	720362	31.846	-86.611	
Calhoun					3A
	ANNISTON	722287	33.587	-85.856	
Chambers					3A
Cherokee					3A
Chilton					3A
	CLANTON 2 NE	750020	32.852	-86.612	
Choctaw					3A
Clarke					3A
	THOMASVILLE 2 S	721551	31.881	-87.737	
Clay					3A
Cleburne					3A
Coffee					2A
Colbert					3A
	MUSCLE SHOALS 2 N	750050	34.773	-87.64	
	NORTHWEST ALABAMA	723235	34.744	-87.6	
Conecuh					3A
	EVERGREEN	722276	31.416	-87.044	
Coosa					3A
Covington					2A
	FLORALA	720361	31.043	-86.312	
	SOUTH ALABAMA	722275	31.309	-86.394	
Crenshaw					3A
	HIGHLAND HOME 2 S	722266	31.916	-86.311	
Cullman					3A
	CULLMAN 3 ENE	720010	34.195	-86.796	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		FOLSOM FIELD	722031	34.269	-86.858	
	Dale					2A
		CAIRNS AAF	722269	31.267	-85.717	
		DOTHAN	722268	31.317	-85.45	
		LOWE AHP	722239	31.356	-85.751	
	Dallas					3A
		SELMA 13 WNW	722360	32.457	-87.242	
		SELMA 6 SSE	750100	32.336	-86.979	
	DeKalb					3A
		GADSDEN 19 N	722380	34.285	-85.962	
		ISBELL FIELD	722111	34.474	-85.721	
		VALLEY HEAD 1 SSW	720011	34.565	-85.617	
	Elmore					3A
	Escambia					3A
		BREWTON 3 NNE	722277	31.145	-87.052	
	Etowah					3A
		NORTHEAST ALABAMA	722285	33.967	-86.083	
	Fayette					3A
	Franklin					3A
		RUSSELLVILLE 4 SSE	750060	34.453	-87.71	
	Geneva					2A
	Greene					3A
		GAINESVILLE 2 NE	750030	32.837	-88.137	
	Hale					3A
		GREENSBORO 2 WNW	750040	32.717	-87.623	
	Henry					2A
	Houston					2A
	Jackson					3A
		SCOTTSBORO 2 NE	750070	34.694	-86	
	Jefferson					3A
		BIRMINGHAM SHUTTLESWORTH	722280	33.566	-86.745	
	Lamar					3A
	Lauderdale					3A
	Lawrence					3A
		COURTLAND 2 WSW	720774	34.66	-87.346	
	Lee					3A
		AUBURN UNIVERSITY	722284	32.616	-85.433	
	Limestone					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		PRYOR FIELD	722279	34.653	-86.945	
	Lowndes					3A
	Macon					3A
	Madison					3A
		HUNTSVILLE EXECUTIVE	720307	34.861	-86.557	
		HUNTSVILLE INTL	723230	34.644	-86.786	
	Marengo					3A
	Marion					3A
	Marshall					3A
		ALBERTVILLE	720376	34.229	-86.256	
	Mobile					2A
		DAUPHIN ISLAND	994420	30.25	-88.075	
		MOBILE	722230	30.688	-88.246	
		MOBILE BROOKLEY	722235	30.626	-88.068	
	Monroe					3A
	Montgomery					2A
		MAXWELL AFB	722265	32.383	-86.35	
		MONTGOMERY	722260	32.3	-86.408	
	Morgan					3A
	Perry					3A
	Pickens					3A
	Pike					3A
		TROY	722267	31.861	-86.012	
		TROY 2 W	750010	31.79	-86	
	Randolph					3A
	Russell					3A
	Shelby					3A
		SHELBY COUNTY AP	722300	33.178	-86.782	
	St. Clair					3A
	Sumter					3A
	Talladega					3A
		TALLADEGA 10 NNE	720504	33.572	-86.057	
	Tallapoosa					3A
		ALEXANDER CITY	720265	32.915	-85.963	
	Tuscaloosa					3A
		NORTHPORT 2 S	722288	33.212	-87.591	
		TUSCALOOSA	722286	33.212	-87.616	
	Walker					3A
	Washington					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Wilcox					3A
	Winston					3A
		POSEY FIELD	720413	34.267	-87.6	
Alaska (AK)						
	Aleutians East					7
		COLD BAY	703160	55.221	-162.732	
		KING COVE	703059	55.116	-162.27	
		NELSON LAGOON	703058	56.01	-161.16	
		SAND POINT	703165	55.319	-160.521	
		SAND POINT 1 ENE	703150	55.347	-160.466	
	Aleutians West					6A
		ADAK	704540	51.883	-176.65	
		ATKA	700631	52.22	-174.206	
		DUTCH HARBOR	704890	53.895	-166.543	
		NOKOLSKI	998429	52.941	-168.871	
		SHEMYA ISLAND	704140	52.717	174.1	
		ST GEORGE ISLAND	703835	56.6	-169.565	
		ST PAUL 4 NE	703090	57.157	-170.212	
		ST PAUL ISLAND	703080	57.155	-170.222	
	Anchorage					7
		ANCHORAGE BIRCHWOOD	702746	61.416	-149.507	
		ANCHORAGE BRYANT AAF	702700	61.266	-149.653	
		ANCHORAGE ELMENDORF AFB	702720	61.253	-149.794	
		ANCHORAGE HARBOR	997381	61.238	-149.89	
		ANCHORAGE INTL	702730	61.157	-149.986	
		ANCHORAGE LAKE HOOD	702725	61.178	-149.966	
		ANCHORAGE MERRILL FIELD	702735	61.217	-149.855	
		PORTAGE GLACIER	700001	60.785	-148.841	
	Bethel					7
		AKIAK	702686	60.903	-161.231	
		ANIAK	702320	61.582	-159.543	
		BETHEL	702190	60.785	-161.829	
		CAPE NEWENHAM	703050	58.65	-162.067	
		MEKORYUK	702185	60.372	-166.272	
		SLEETMUTE	703407	61.717	-157.15	
		SPARREVOHN	702350	61.1	-155.583	
	Bristol Bay					7
		KING SALMON	703260	58.683	-156.656	
	Denali					8

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MCKINLEY NATL PARK	702645	63.733	-148.917	
	Dillingham					7
		DILLINGHAM	703210	59.05	-158.517	
		MANOKOTAK	703055	58.99	-159.05	
		NEW STUYAHOK	702697	59.45	-157.333	
		TOGIAK	703606	59.067	-160.367	
	Fairbanks North Star					8
		EIELSON AFB	702650	64.683	-147.083	
		FAIRBANKS	702610	64.804	-147.876	
		FAIRBANKS 11 NE	702630	64.974	-147.51	
	Haines					6A
		ELDRED ROCK	997789	58.971	-135.22	
		HAINES	703626	59.243	-135.509	
	Hoonah-Angoon					6A
		ANGOON	703830	57.499	-134.586	
		CAPE SPENCER	997804	58.199	-136.64	
		GUSTAVUS	703670	58.425	-135.707	
		HOONAH	702607	58.096	-135.409	
		POINT RETREAT	997797	58.411	-134.955	
	Juneau					6A
		JUNEAU	703810	58.357	-134.564	
	Kenai Peninsula					7
		AUGUSTINE ISLAND	994700	59.378	-153.348	
		DRIFT RIVER TERMINAL	994690	60.554	-152.136	
		FLAT ISLAND LIGHT	994720	59.332	-151.995	
		HOMER	703410	59.642	-151.491	
		KENAI	702590	60.58	-151.239	
		KENAI 29 ENE	703420	60.724	-150.448	
		NIKISKI HARBOR	997382	60.683	-151.399	
		SELDOVIA	703621	59.443	-151.702	
		SEWARD	702770	60.128	-149.417	
		SOLDOTNA	702595	60.476	-151.034	
	Ketchikan Gateway					5C
		KETCHIKAN	703950	55.357	-131.712	
	Kodiak Island					6B
		EAST AMATULI STATION LIGHT	994081	58.915	-151.952	
		KODIAK	703500	57.751	-152.486	
	Kusilvak					8
		CAPE ROMANZOF	702120	61.783	-166.033	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		EMMONAK	702084	62.785	-164.491	
		HOOPER BAY	702186	61.524	-166.147	
		MARSHALL	702628	61.867	-162.033	
		MOUNTAIN VILLAGE	703056	62.095	-163.682	
		RUSSIAN MISSION	703053	61.775	-161.319	
		SCAMMON BAY	703054	61.845	-165.571	
		ST MARY'S	702005	62.062	-163.3	
	Lake and Peninsula					7
		CHIGNIK	703333	56.311	-158.373	
		EGEGIK	703334	58.185	-157.386	
		IGIUGIG	703061	59.324	-155.902	
		ILIAMNA	703400	59.749	-154.909	
		PILOT POINT	702626	57.58	-157.58	
		PORT ALSWORTH 1 SW	703490	60.195	-154.32	
		PORT HEIDEN	703330	56.959	-158.632	
	Matanuska-Susitna					7
		EUREKA ROADHOUSE	702715	61.939	-147.167	
		PALMER	702740	61.596	-149.092	
		TALKEETNA	702510	62.32	-150.095	
		WASILLA	702325	61.572	-149.541	
	Nome					8
		GAMBELL	702040	63.767	-171.733	
		GOLOVIN	701995	64.55	-163.007	
		KOYUK	702223	64.935	-161.155	
		NOME AP	702000	64.511	-165.44	
		NOME NORTON SOUND	997383	64.5	-165.42	
		SAVOONGA	702035	63.687	-170.493	
		SHISHMAREF	701195	66.25	-166.089	
		ST MICHAEL	720382	63.49	-162.11	
		TIN CITY	701170	65.563	-167.921	
		UNALAKLEET	702070	63.883	-160.8	
	North Slope					8
		ANAKTUVUK PASS	701625	68.135	-151.742	
		ATQASUK	702685	70.467	-157.436	
		CAPE LISBURNE	701040	68.875	-166.113	
		KAKTOVIK	700860	70.134	-143.577	
		NUIQSUT	703644	70.212	-151.002	
		POINT HOPE	701043	68.35	-166.8	
		POINT LAY	701210	69.733	-163.005	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		PRUDHOE BAY DEADHORSE	700637	70.192	-148.477	
		PRUDHOE BAY HARBOR	997386	70.4	-148.527	
		UTQIAGVIK	700260	71.283	-156.782	
		UTQIAGVIK NSA	700270	71.323	-156.616	
		WAINWRIGHT	700300	70.639	-159.995	
	Northwest Arctic					8
		AMBLER	701718	67.1	-157.85	
		DEERING	701333	66.069	-162.764	
		KIANA	701196	66.976	-160.437	
		KIVALINA	701486	67.732	-164.548	
		KOTZEBUE	701330	66.886	-162.613	
		NOATAK	701335	67.566	-162.975	
		RED DOG DOCK	997704	67.575	-164.067	
		RED DOG MINE 3 SSW	701220	68.028	-162.921	
		SELAWIK	700197	66.6	-159.986	
		SHUNGNAK	701719	66.888	-157.162	
	Petersburg					6A
		FIVE FINGER LIGHT	994080	57.27	-133.631	
		PETERSBURG	703860	56.806	-132.937	
	Prince of Wales-Hyder					5C
		ANNETTE ISLAND	703980	55.039	-131.579	
		CAPE DECISION	703880	56	-134.133	
		HYDABURG	703884	55.206	-132.828	
		KAKE	703855	56.961	-133.91	
		KLAWOCK	703894	55.58	-133.075	
		METLAKATLA	703985	55.131	-131.578	
	Sitka					6A
		SITKA	703710	57.048	-135.365	
		SITKA 1 NE	703730	57.057	-135.327	
	Skagway					6A
		SKAGWAY	703620	59.467	-135.3	
	Southeast Fairbanks					8
		ALLEN AAF	702670	63.994	-145.721	
		EAGLE	701975	64.777	-141.148	
		NORTHWAY	702910	62.961	-141.929	
	Valdez-Cordova					7
		BLIGH REEF LIGHT	994680	60.839	-146.884	
		CORDOVA	702960	60.492	-145.476	
		GULKANA	702710	62.159	-145.459	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MIDDLE ROCK LIGHT	994670	61.081	-146.653	
		MIDDLETON ISLAND	703430	59.433	-146.333	
		POTATO POINT	994660	61.056	-146.698	
		SEAL ROCKS BUOY 46061	995160	60.238	-146.833	
		VALDEZ AP	702756	61.132	-146.244	
		VALDEZ WSO	702750	61.13	-146.352	
		WEST ORCA BAY BUOY 46060	992850	60.587	-146.819	
		WHITTIER	702757	60.777	-148.719	
	Wrangell					6A
		WRANGELL	703870	56.483	-132.367	
	Yakutat					6A
		CAPE SUCKLING BUOY 46082	997204	59.681	-143.372	
		YAKUTAT	703610	59.512	-139.671	
	Yukon-Koyukuk					8
		ANVIK	702075	62.65	-160.183	
		ARCTIC VILLAGE	701945	68.115	-145.579	
		BETTLES	701740	66.917	-151.515	
		FORT YUKON	701940	66.567	-145.267	
		GALENA	702220	64.737	-156.934	
		HOLY CROSS	703051	62.183	-159.767	
		HUSLIA	703655	65.698	-156.351	
		INDIAN MOUNTAIN	701730	66	-153.7	
		KALTAG	702006	64.327	-158.742	
		MCGRATH	702310	62.957	-155.61	
		MINCHUMINA	702460	63.886	-152.302	
		NENANA	702600	64.55	-149.072	
		NIKOLAI	702625	63.017	-154.367	
		RUBY	702627	64.727	-155.47	
		TANANA	701780	65.175	-152.107	
		TATALINA	702315	62.894	-155.976	
Arizona (AZ)						
	Apache					4B
		ST JOHNS	723754	34.518	-109.379	
		WINDOW ROCK	722764	35.658	-109.061	
	Cochise					3B
		BISBEE DOUGLAS	722720	31.458	-109.606	
		SIERRA VISTA	722730	31.588	-110.344	
		SIERRA VISTA BLACK TOWER	722813	31.607	-110.428	
	Coconino					5B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		FLAGSTAFF BELLEMONT	723760	35.217	-111.817	
		FLAGSTAFF PULLIAM	723750	35.144	-111.666	
		GRAND CANYON NATIONAL PARK	723783	35.946	-112.155	
		PAGE	723710	36.926	-111.448	
		WILLIAMS 35 NNW	722770	35.755	-112.337	
	Gila					4B
		PAYSON	723745	34.257	-111.339	
	Graham					2B
		SAFFORD	722747	32.855	-109.635	
	Greenlee					3B
	La Paz					1B
	Maricopa					1B
		BUCKEYE	720644	33.417	-112.683	
		LUKE AFB	722785	33.533	-112.383	
		PHOENIX DEER VALLEY	722784	33.688	-112.082	
		PHOENIX SKY HARBOR	722780	33.428	-112.004	
		SCOTTSDALE	722789	33.623	-111.911	
	Mohave					3B
		KINGMAN	723700	35.258	-113.933	
		LAUGHLIN BULLHEAD	723788	35.157	-114.559	
	Navajo					4B
		SHOW LOW	723747	34.264	-110.008	
		WINSLOW	723740	35.028	-110.721	
	Pima					2B
		DAVIS-MONTHAN AFB	722745	32.167	-110.883	
		TUCSON	722740	32.228	-110.956	
		TUCSON 11 W	722750	32.239	-111.17	
	Pinal					2B
		CASA GRANDE	722748	32.95	-111.767	
	Santa Cruz					3B
		ELGIN 5 S	722760	31.591	-110.509	
		NOGALES	722728	31.421	-110.846	
	Yavapai					4B
		PRESCOTT	723723	34.652	-112.421	
		SEDONA	723756	34.85	-111.783	
	Yuma					1B
		YUMA	722800	32.65	-114.6	
		YUMA 27 ENE	722790	32.835	-114.188	

Table A-3 United States Stations and Climate Zones

State / County	Location	WMO #	Latitude	Longitude	Climate Zone
Arkansas (AR)					
Arkansas					3A
Ashley					3A
Baxter					4A
	BAXTER COUNTY AP	723439	36.369	-92.47	
Benton					4A
	BENTONVILLE	723444	36.35	-94.217	
	NORTHWEST ARKANSAS	723436	36.283	-94.3	
	ROGERS	723449	36.372	-94.107	
	SMITH FIELD	723443	36.191	-94.491	
Boone					4A
	BOONE COUNTY AP	723450	36.267	-93.157	
Bradley					3A
Calhoun					3A
Carroll					4A
Chicot					3A
Clark					3A
	ARKADELPHIA	720394	34.1	-93.066	
Clay					3A
Cleburne					3A
Cleveland					3A
Columbia					3A
Conway					3A
Craighead					3A
	JONESBORO	723407	35.831	-90.646	
Crawford					3A
Crittenden					3A
	WEST MEMPHIS	722054	35.135	-90.234	
Cross					3A
Dallas					3A
Desha					3A
Drew					3A
	MONTCELO	720175	33.636	-91.756	
Faulkner					3A
Franklin					3A
Fulton					4A
Garland					3A
	HOT SPRINGS	723415	34.478	-93.096	
Grant					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Greene					3A
	Hempstead					3A
	Hot Spring					3A
	Howard					3A
	Independence					3A
		BATESVILLE	723448	35.726	-91.647	
		BATESVILLE 8 WNW	722450	35.82	-91.781	
	Izard					4A
	Jackson					3A
		NEWPORT	720377	35.633	-91.167	
	Jefferson					3A
		GRIDER FIELD	723417	34.18	-91.934	
	Johnson					3A
	Lafayette					3A
	Lawrence					4A
		WALNUT RIDGE	723406	36.125	-90.924	
	Lee					3A
	Lincoln					3A
	Little River					3A
	Logan					3A
	Lonoke					3A
	Madison					4A
	Marion					4A
		MARION COUNTY AP	723447	36.291	-92.59	
	Miller					3A
		TEXARKANA	723418	33.454	-94.007	
	Mississippi					3A
		ARKANSAS INTL	723408	35.967	-89.95	
		BLYTHEVILLE	723409	35.94	-89.831	
	Monroe					3A
	Montgomery					3A
		MT IDA	723435	34.547	-93.578	
	Nevada					3A
	Newton					4A
	Ouachita					3A
		HARRELL FIELD	723425	33.617	-92.767	
	Perry					3A
	Phillips					3A
	Pike					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Poinsett					3A
	Polk					3A
		MENA	720172	34.545	-94.203	
	Pope					3A
		RUSSELLVILLE	723429	35.258	-93.095	
	Prairie					3A
		STUTTGART	723416	34.6	-91.574	
	Pulaski					3A
		LITTLE ROCK AFB	723405	34.917	-92.15	
		LITTLE ROCK CLINTON	723403	34.727	-92.239	
		NORTH LITTLE ROCK	723400	34.835	-92.259	
	Randolph					4A
	Saline					3A
	Scott					3A
	Searcy					4A
	Sebastian					3A
		FORT SMITH	723440	35.333	-94.363	
	Sevier					3A
		DE QUEEN SEVIER COUNTY AP	743312	34.047	-94.399	
	Sharp					4A
	St. Francis					3A
	Stone					4A
	Union					3A
		SOUTH ARKANSAS	723419	33.221	-92.814	
	Van Buren					3A
		CLINTON	720401	35.6	-92.45	
	Washington					4A
		DRAKE FIELD	723445	36.01	-94.169	
	White					3A
		SEARCY	722188	35.212	-91.737	
	Woodruff					3A
	Yell					3A
California (CA)						
	Alameda					3C
		ALAMEDA	994033	37.772	-122.298	
		HAYWARD	725850	37.654	-122.115	
		LIVERMORE	724927	37.693	-121.814	
		OAKLAND INTL	724930	37.744	-122.224	
	Alpine					6B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Amador					4B
	Butte					3A
		OROVILLE	745048	39.49	-121.618	
	Calaveras					4B
	Colusa					3B
	Contra Costa					3A
		BUCHANAN FIELD	724950	37.992	-122.055	
		PORT CHICAGO	994034	38.056	-122.039	
		RICHMOND	994036	37.923	-122.41	
	Del Norte					4C
		CRESCENT CITY DEL NORTE	725946	41.78	-124.237	
		CRESCENT CITY HARBOR	994012	41.746	-124.184	
	El Dorado					5B
		LAKE TAHOE	725847	38.898	-119.995	
	Fresno					3B
		FRESNO YOSEMITE	723890	36.78	-119.719	
	Glenn					3B
	Humboldt					4C
		BLUNTS REEF BUOY 46030	992650	40.423	-124.525	
		CALIFORNIA REDWOOD COAST	725945	40.978	-124.109	
		EEL RIVER BUOY 46022	992740	40.712	-124.529	
		WOODLEY ISLAND	725940	40.81	-124.16	
	Imperial					2B
		EL CENTRO NAF	722810	32.817	-115.683	
		IMPERIAL COUNTY AP	747185	32.834	-115.579	
	Inyo					4B
		EASTERN SIERRA	724800	37.371	-118.358	
		STOVEPIPE WELLS 1 SW	746130	36.602	-117.145	
	Kern					3B
		CHINA LAKE	746120	35.688	-117.693	
		EDWARDS AFB	723810	34.9	-117.867	
		EDWARDS AFB NORTH	723171	34.988	-117.865	
		MEADOWS FIELD	723840	35.434	-119.054	
		TEHACHAPI	749171	35.135	-118.439	
	Kings					3B
		HANFORD	723898	36.319	-119.629	
		LEMORE NAS	747020	36.333	-119.95	
	Lake					3C
	Lassen					4B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Los Angeles					3C
		CATALINA	722920	33.405	-118.416	
		HOLLYWOOD BURBANK	722880	34.201	-118.358	
		LANCASTER FOX	723816	34.741	-118.212	
		LONG BEACH	722970	33.812	-118.146	
		LOS ANGELES HAWTHORNE	722956	33.923	-118.334	
		LOS ANGELES INTL	722950	33.938	-118.389	
		LOS ANGELES USC	722874	34.024	-118.291	
		MOUNT WILSON	722890	34.232	-118.074	
		PALMDALE	723820	34.629	-118.084	
		SAN CLEMENTE BASIN BUOY 46086	997206	32.499	-118.052	
		SANDBERG	723830	34.744	-118.724	
		SANTA MONICA	722885	34.016	-118.451	
		VAN NUYS	722886	34.21	-118.489	
	Madera					3B
		MADERA	745046	36.988	-120.111	
	Marin					3C
		GNOSS FIELD	720406	38.15	-122.55	
	Mariposa					4B
		YOSEMITE VILLAGE 12 W	745030	37.759	-119.821	
	Mendocino					3C
		ARENA COVE	994044	38.915	-123.711	
		POINT ARENA	994120	38.955	-123.741	
		PT ARENA BUOY 46014	992500	39.231	-123.974	
		UKIAH	725905	39.126	-123.201	
	Merced					3B
		MERCED	724815	37.285	-120.513	
		MERCED 23 WSW	745070	37.238	-120.882	
		MERCED CASTLE	724810	37.383	-120.567	
	Modoc					5B
		ALTURAS	725958	41.483	-120.567	
	Mono					6B
		MAMMOTH YOSEMITE	723894	37.633	-118.85	
	Monterey					3C
		ELKHORN SLOUGH RESERVE	997997	36.815	-121.738	
		MONTEREY	724915	36.588	-121.845	
		SALINAS	725930	36.664	-121.608	
	Napa					3C

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		NAPA COUNTY AP	724955	38.21	-122.285	
	Nevada					4B
		TRUCKEE-TAHOE	725846	39.32	-120.139	
	Orange					3B
		COSTA MESA WAYNE	722977	33.68	-117.866	
		EL TORO MCAS	722908	33.667	-117.733	
		FULLERTON	722976	33.872	-117.979	
		LOS ALAMITOS AAF	722975	33.79	-118.052	
		TUSTIN MCAF	722915	33.7	-117.833	
	Placer					3A
		AUBURN	720267	38.955	-121.082	
		BLUE CANYON	725845	39.277	-120.71	
		LINCOLN	720614	38.909	-121.351	
	Plumas					4B
	Riverside					2B
		BLYTHE	747188	33.619	-114.714	
		CORONA	720333	33.898	-117.602	
		DESERT RESORTS	747187	33.627	-116.159	
		FALLBROOK 5 NE	745020	33.439	-117.19	
		MARCH AFB	722860	33.9	-117.25	
		PALM SPRINGS	722868	33.822	-116.504	
		RIVERSIDE	722869	33.952	-117.439	
	Sacramento					3A
		SACRAMENTO EXECUTIVE	724830	38.507	-121.495	
		SACRAMENTO INTL	724839	38.696	-121.59	
		SACRAMENTO MATHER	724833	38.567	-121.3	
		SACRAMENTO MCCLELLAN	724836	38.667	-121.4	
	San Benito					3C
		HOLLISTER	749179	36.9	-121.417	
	San Bernardino					3B
		BARSTOW-DAGGETT	723815	34.854	-116.786	
		BICYCLE LAKE AAF	746110	35.283	-116.633	
		BIG BEAR	720165	34.264	-116.854	
		CHINO	722899	33.975	-117.636	
		NEEDLES	723805	34.768	-114.619	
		ONTARIO	747040	34.056	-117.6	
		SAN BERNARDINO	722866	34.095	-117.235	
		SOUTHERN CALIFORNIA	723825	34.583	-117.383	
		TWENTY NINE PALMS	690150	34.3	-116.167	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	San Diego					3B
		BROWN FIELD	722904	32.572	-116.979	
		CAMP PENDLETON MCAS	722926	33.3	-117.35	
		CAMPO	747186	32.626	-116.468	
		IMPERIAL BEACH NOLF	722909	32.567	-117.117	
		MCCLELLAN-PALOMAR	722927	33.128	-117.279	
		MIRAMAR MCAS	722931	32.867	-117.133	
		MONTGOMERY-GIBBS	722903	32.816	-117.139	
		NORTH ISLAND NAS	722906	32.7	-117.2	
		OCEANSIDE	722934	33.219	-117.349	
		RAMONA	745056	33.038	-116.916	
		SAN DIEGO INTL	722900	32.734	-117.183	
	San Francisco					4C
		SAN FRANCISCO BUOY 46026	992640	37.754	-122.839	
		SAN FRANCISCO HARBOR	994016	37.806	-122.466	
	San Joaquin					3A
		STOCKTON	724920	37.889	-121.226	
	San Luis Obispo					3C
		PASO ROBLES	723965	35.67	-120.628	
		POINT PIEDRAS BLANCAS	723900	35.666	-121.285	
		SAN LUIS OBISPO	722897	35.237	-120.641	
		SANTA MARIA BUOY 46011	992960	34.956	-121.019	
	San Mateo					3C
		REDWOOD CITY	994041	37.507	-122.212	
		SAN FRANCISCO INTL	724940	37.62	-122.365	
	Santa Barbara					3C
		LOMPOC	722895	34.667	-120.467	
		POINT ARGUELLO	994210	34.577	-120.647	
		SANTA BARBARA	723925	34.426	-119.843	
		SANTA BARBARA 11 W	745050	34.414	-119.88	
		SANTA BARBARA BUOY 46053	996400	34.252	-119.853	
		SANTA BARBARA BUOY 46054	996470	34.265	-120.477	
		SANTA MARIA	723940	34.899	-120.449	
		SANTA MONICA BASIN BUOY 46025	992600	33.763	-119.053	
		SANTA YNEZ	723762	34.607	-120.076	
		SOUTH SANTA ROSA ISLAND	997199	33.677	-120.213	
		VANDENBERG AFB	723930	34.717	-120.567	
	Santa Clara					3C

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MOUNTAIN VIEW MOFFETT	745090	37.417	-122.05	
		SAN JOSE INTL	724945	37.359	-121.924	
	Santa Cruz					3C
		WATSONVILLE	745058	36.936	-121.789	
	Shasta					3A
		REDDING	725920	40.518	-122.299	
		REDDING 12 WNW	744970	40.651	-122.607	
	Sierra					4B
	Siskiyou					4C
		MOUNT SHASTA	725957	41.333	-122.333	
		SISKIYOU COUNTY AP	725955	41.781	-122.468	
	Solano					3A
		SAN FRANCISCO BAY RESERVE	998011	38.2	-122.026	
		TRAVIS AFB	745160	38.267	-121.933	
		VACAVILLE NUT TREE	724828	38.378	-121.958	
	Sonoma					3C
		BODEGA 6 WSW	745180	38.321	-123.075	
		BODEGA BAY BUOY 46013	992490	38.253	-123.303	
		SONOMA COUNTY AP	724957	38.504	-122.81	
	Stanislaus					3B
		MODESTO CITY	724926	37.624	-120.951	
	Sutter					3B
	Tehama					3A
		RED BLUFF	725910	40.152	-122.254	
	Trinity					4B
	Tulare					3B
		PORTERVILLE	723895	36.029	-119.063	
		VISALIA	723896	36.317	-119.4	
	Tuolumne					4B
		COLUMBIA	720615	38.033	-120.417	
	Ventura					3C
		CAMARILLO	723926	34.217	-119.083	
		OXNARD	723927	34.201	-119.207	
		POINT MUGU NAS	723910	34.117	-119.117	
	Yolo					3B
	Yuba					3A
		BEALE AFB	724837	39.133	-121.433	
		YUBA COUNTY AP	724838	39.102	-121.568	
Colorado (CO)						

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Adams					5B
	Alamosa					6B
		SAN LUIS VALLEY	724620	37.439	-105.861	
	Arapahoe					5B
		BUCKLEY AFB	724695	39.717	-104.75	
		CENTENNIAL	724666	39.57	-104.849	
	Archuleta					5B
		STEVENS FIELD	720539	37.283	-107.05	
	Baca					4B
		SPRINGFIELD COMANCHE	724646	37.283	-102.614	
	Bent					4B
	Boulder					5B
		BOULDER	720533	40.033	-105.217	
		BOULDER 14 W	745200	40.035	-105.541	
	Broomfield					5B
	Chaffee					6B
		COTTONWOOD PASS	726391	38.782	-106.218	
		HARRIET ALEXANDER FIELD	720532	38.533	-106.05	
		MONARCH PASS	722203	38.497	-106.319	
	Cheyenne					5B
	Clear Creek					7
	Conejos					6B
	Costilla					6B
	Crowley					5B
	Custer					5B
	Delta					5B
	Denver					5B
		DENVER INTL	725650	39.833	-104.658	
		DENVER STAPLETON	724690	39.767	-104.869	
	Dolores					6B
	Douglas					5B
	Eagle					6B
		EAGLE COUNTY REGIONAL	724675	39.65	-106.917	
	El Paso					5B
		BUTTS AAF	724680	38.678	-104.757	
		COLORADO SPRINGS	724660	38.81	-104.688	
		MEADOW LAKE	720852	38.946	-104.57	
		USAF ACADEMY AF	745310	38.967	-104.817	
	Elbert					5B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		ELBERT MONUMENT	722155	39.217	-104.633	
	Fremont					5B
	Garfield					5B
		RIFLE GARFIELD COUNTY AP	725717	39.528	-107.72	
	Gilpin					7
	Grand					6B
		MCELROY AFLD	720262	40.054	-106.369	
	Gunnison					7
		GUNNISON-CRESTED BUTTE	724677	38.533	-106.933	
	Hinsdale					7
	Huerfano					5B
	Jackson					7
	Jefferson					5B
	Kiowa					5B
	Kit Carson					5B
		KIT CARSON COUNTY AP	724689	39.245	-102.284	
	La Plata					5B
		DURANGO-LA PLATA COUNTY AP	724625	37.143	-107.76	
	Lake					7
		LEADVILLE LAKE COUNTY AP	724673	39.229	-106.317	
	Larimer					5B
		FORT COLLINS	724697	40.588	-105.042	
		NORTHERN COLORADO	724769	40.45	-105.017	
	Las Animas					4B
		TRINIDAD STOKES	724645	37.262	-104.338	
	Lincoln					5B
		LIMON	724665	39.275	-103.666	
	Logan					5B
	Mesa					5B
		GRAND JUNCTION	724760	39.12	-108.525	
	Mineral					7
		WOLF CREEK PASS	722101	37.463	-106.803	
	Moffat					6B
		CRAIG-MOFFAT	725700	40.493	-107.524	
		DINOSAUR 2 E	745190	40.245	-108.968	
	Montezuma					5B
		CORTEZ	724767	37.307	-108.626	
		CORTEZ 8 SE	745230	37.255	-108.504	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Montrose					5B
		MONTROSE	724765	38.506	-107.899	
		MONTROSE 11 ENE	745220	38.544	-107.693	
	Morgan					5B
	Otero					4B
		LA JUNTA	724635	38.049	-103.512	
		LA JUNTA 17 WSW	745290	37.864	-103.822	
	Ouray					6B
	Park					7
		WILKERSON PASS	726396	39.05	-105.516	
	Phillips					5B
	Pitkin					6B
		ASPEN PITKIN COUNTY AP	724676	39.23	-106.871	
	Prowers					4B
		LAMAR	724636	38.07	-102.688	
	Pueblo					4B
		PUEBLO	724640	38.289	-104.506	
	Rio Blanco					6B
		MEEKER	724674	40.044	-107.889	
	Rio Grande					6B
	Routt					6B
		STEAMBOAT SPRINGS	724678	40.517	-106.867	
		YAMPA VALLEY	725710	40.481	-107.218	
	Saguache					6B
		SAGUACHE	722333	38.097	-106.169	
	San Juan					7
	San Miguel					6B
		TELLURIDE	724627	37.95	-107.9	
	Sedgwick					5B
	Summit					7
		COPPER MOUNTAIN	722061	39.475	-106.152	
	Teller					5B
	Washington					5B
		COLORADO PLAINS	724698	40.167	-103.217	
	Weld					5B
		GREELEY-WELD COUNTY AP	724768	40.436	-104.632	
		NUNN 7 NNE	745340	40.807	-104.755	
	Yuma					5B
Connecticut (CT)						

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Fairfield					4A
		BRIDGEPORT SIKORSKY	725040	41.164	-73.127	
		DANBURY	725086	41.371	-73.483	
	Hartford					5A
		HARTFORD BRADLEY	725080	41.938	-72.682	
		HARTFORD-BRAINARD	725087	41.736	-72.651	
	Litchfield					5A
	Middlesex					5A
		CHESTER	720545	41.384	-72.506	
	New Haven					5A
		MERIDEN MARKHAM	725027	41.51	-72.828	
		NEW HAVEN HARBOR	997284	41.283	-72.908	
		NEW HAVEN TWEED	725045	41.264	-72.887	
		WATERBURY-OXFORD	725029	41.483	-73.133	
	New London					5A
		GROTON-NEW LONDON	725046	41.328	-72.049	
	Tolland					5A
	Windham					5A
		WINDHAM	725084	41.742	-72.184	
Delaware (DE)						
	Kent					4A
		DOVER AFB	724088	39.133	-75.467	
	New Castle					4A
		DELAWARE CITY	997694	39.582	-75.589	
		NEW CASTLE	724180	39.674	-75.606	
	Sussex					4A
		DELAWARE COASTAL	724093	38.69	-75.363	
		LEWES HARBOR	997281	38.783	-75.119	
District of Columbia (DC)						
	District of Columbia					4A
		WASHINGTON HARBOR	997314	38.873	-77.021	
Florida (FL)						
	Alachua					2A
		GAINESVILLE	747560	29.692	-82.276	
	Baker					2A
	Bay					2A
		NW FLORIDA BEACHES	720735	30.349	-85.788	
		PANAMA CITY	722245	30.212	-85.683	
		TYNDALL AFB	747750	30.067	-85.583	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Bradford					2A
	Brevard					2A
		CANAVERAL BUOY 41009	995450	28.508	-80.185	
		CAPE CANAVERAL TRIDENT PIER	997354	28.416	-80.593	
		CAPE KENNEDY AFS SKID STRIP	747940	28.468	-80.567	
		KENNEDY SPACE CENTER	747946	28.617	-80.683	
		ORLANDO MELBOURNE INTL	722040	28.101	-80.644	
		PATRICK AFB	747950	28.233	-80.6	
		TITUSVILLE 7 E	747660	28.616	-80.693	
	Broward					1A
		FORT LAUDERDALE EXECUTIVE	722039	26.197	-80.171	
		FT LAUDERDALE HOLLYWOOD	747830	26.079	-80.162	
		MIAMI NORTH PERRY	722037	25.999	-80.241	
		POMPANO BEACH	722049	26.25	-80.108	
	Calhoun					2A
	Charlotte					2A
		PUNTA GORDA	722034	26.917	-81.991	
	Citrus					2A
		CRYSTAL RIVER	720655	28.867	-82.567	
		INVERNESS	724737	28.804	-82.318	
	Clay					2A
	Collier					1A
		EVERGLADES CITY 5 NE	752040	25.9	-81.318	
		NAPLES	722038	26.155	-81.775	
	Columbia					2A
	DeSoto					2A
	Dixie					2A
		CROSS CITY	722120	29.633	-83.105	
	Duval					2A
		CECIL FIELD	722067	30.219	-81.876	
		JACKSONVILLE CRAIG	747820	30.336	-81.515	
		JACKSONVILLE INTL	722060	30.484	-81.701	
		JACKSONVILLE NAS	722065	30.233	-81.667	
		MAYPORT NAF	722066	30.4	-81.417	
	Escambia					2A
		PENSACOLA HARBOR	994047	30.404	-87.211	
		PENSACOLA INTL	722220	30.478	-87.187	
		PENSACOLA NAS	722225	30.35	-87.317	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Flagler					2A
		PELLICER CREEK	998000	29.658	-81.233	
	Franklin					2A
		APALACHICOLA REGIONAL	722200	29.733	-85.033	
		APPALACHICOLA HARBOR	994045	29.724	-84.98	
	Gadsden					2A
	Gilchrist					2A
	Glades					2A
	Gulf					2A
		CAPE SAN BLAS	994360	29.672	-85.357	
	Hamilton					2A
	Hardee					2A
	Hendry					1A
	Hernando					2A
		HERNANDO COUNTY AP	722014	28.474	-82.454	
	Highlands					2A
		SEBRING 23 SSE	747650	27.153	-81.369	
	Hillsborough					2A
		MACDILL AFB	747880	27.85	-82.517	
		PLANT CITY	720373	28	-82.164	
		TAMPA EXECUTIVE	722021	28.014	-82.345	
		TAMPA INTL	722110	27.962	-82.54	
		TAMPA KNIGHT	720374	27.916	-82.449	
	Holmes					2A
	Indian River					2A
		VERO BEACH	747930	27.651	-80.42	
	Jackson					2A
		MARIANNA	747760	30.836	-85.184	
	Jefferson					2A
	Lafayette					2A
	Lake					2A
		LEESBURG	722213	28.821	-81.81	
	Lee					1A
		BIG CARLOS PASS	994006	26.404	-81.881	
		FORT MEYERS SW FLORIDA INTL	722108	26.536	-81.755	
		FORT MYERS HARBOR	997346	26.647	-81.871	
		FORT MYERS PAGE FIELD	722106	26.585	-81.861	
	Leon					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		TALLAHASSEE NWS	722140	30.446	-84.301	
	Levy					2A
		CEDAR KEY	994640	29.136	-83.029	
	Liberty					2A
	Madison					2A
	Manatee					2A
		SARASOTA BRADENTON INTL	722115	27.401	-82.559	
	Marion					2A
		OCALA	722055	29.167	-82.233	
	Martin					2A
	Miami-Dade					1A
		FOWEY ROCKS LH	994560	25.591	-80.097	
		HOMESTEAD AFB	722026	25.483	-80.383	
		MIAMI EXECUTIVE	722029	25.648	-80.433	
		MIAMI NHC	722020	25.755	-80.384	
		MIAMI OPA LOCKA	722024	25.907	-80.28	
		VIRGINIA KEY	997355	25.732	-80.162	
	Monroe					1A
		KEY WEST HARBOR	997348	24.556	-81.808	
		KEY WEST INTL	722010	24.554	-81.788	
		KEY WEST NAS	722015	24.583	-81.683	
		LONG KEY	994620	24.844	-80.864	
		MARATHON	722016	24.726	-81.052	
		MOLASSES REEF	994430	25.012	-80.376	
		SAND KEY LH	994570	24.454	-81.877	
		SOMBRERO KEY LH	994450	24.628	-81.111	
		VACA KEY	997356	24.711	-81.107	
	Nassau					2A
		FERNANDINA BEACH	997347	30.675	-81.465	
	Okaloosa					2A
		CRESTVIEW	722215	30.78	-86.523	
		DESTIN EXECUTIVE	722069	30.4	-86.472	
		DESTIN-FORT WALTON BEACH	722210	30.483	-86.517	
		DUKE FIELD	722246	30.65	-86.517	
		HURLBURT FIELD	747770	30.417	-86.683	
	Okeechobee					2A
		OKEECHOBEE COUNTY AP	722261	27.267	-80.85	
	Orange					2A
		ORLANDO EXECUTIVE	722053	28.545	-81.333	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		ORLANDO INTL	722050	28.434	-81.325	
	Osceola					2A
	Palm Beach					1A
		LAKE WORTH PIER	994050	26.613	-80.034	
		PALM BEACH INTL	722030	26.685	-80.099	
	Pasco					2A
		ARIPEKA	994082	28.433	-82.667	
	Pinellas					2A
		CLEARWATER BEACH PIER 60	997345	27.978	-82.832	
		FRED HOWARD PARK	994008	28.153	-82.801	
		ST PETE-CLEARWATER	722116	27.911	-82.688	
		ST PETERSBURG	997353	27.75	-82.62	
		ST PETERSBURG WHITTED	722104	27.765	-82.628	
	Polk					2A
		WINTER HAVEN	747931	28.062	-81.754	
	Putnam					2A
	Santa Rosa					2A
		WHITING FIELD NAS NORTH	722226	30.717	-87.017	
		WHITING FIELD NAS SOUTH	720383	30.704	-87.023	
	Sarasota					2A
		VENICE PIER	994220	27.073	-82.453	
	Seminole					2A
		ORLANDO SANFORD	722057	28.78	-81.244	
	St. Johns					2A
		ST AUGUSTINE AP	722212	29.959	-81.34	
		ST AUGUSTINE PIER	994410	29.857	-81.264	
	St. Lucie					2A
		TREASURE COAST INTL	722103	27.498	-80.377	
	Sumter					2A
		THE VILLAGES	722012	28.95	-81.967	
	Suwannee					2A
	Taylor					2A
		KEATON BEACH	994650	29.819	-83.594	
		PERRY FOLEY	722224	30.072	-83.574	
	Union					2A
	Volusia					2A
		DAYTONA BEACH	747870	29.183	-81.048	
	Wakulla					2A
	Walton					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Washington					2A
Georgia (GA)						
	Appling					2A
	Atkinson					2A
	Bacon					2A
		BACON COUNTY AP	723160	31.536	-82.507	
	Baker					2A
		NEWTON 11 SW	723220	31.192	-84.447	
		NEWTON 8 W	740050	31.313	-84.471	
	Baldwin					3A
		BALDWIN COUNTY AP	720348	33.154	-83.241	
	Banks					3A
	Barrow					3A
		WINDER BORROW	747809	33.983	-83.668	
	Bartow					3A
		CARTERSVILLE	722156	34.123	-84.849	
	Ben Hill					2A
	Berrien					2A
	Bibb					3A
		MIDDLE GEORGIA	722170	32.685	-83.653	
	Bleckley					3A
	Brantley					2A
	Brooks					2A
	Bryan					2A
	Bulloch					2A
		STATESBORO	747805	32.483	-81.737	
	Burke					3A
	Butts					3A
	Calhoun					2A
	Camden					2A
		BRUNSWICK 23 S	723210	30.808	-81.46	
	Candler					2A
	Carroll					3A
		WEST GEORGIA	720674	33.633	-85.15	
	Catoosa					3A
	Charlton					2A
	Chatham					2A
		FORT PULASKI	997301	32.035	-80.903	
		HUNTER AAF	747804	32.017	-81.133	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		SAVANNAH HILTON HEAD INTL	722070	32.131	-81.202	
	Chattahoochee					3A
		LAWSON AAF	722250	32.332	-84.989	
	Chattooga					3A
	Cherokee					3A
		CHEROKEE COUNTY AP	722109	34.317	-84.417	
	Clarke					3A
		ATHENS	723110	33.948	-83.328	
	Clay					2A
	Clayton					3A
		ATLANTA HARTSFIELD-JACKSON	722190	33.63	-84.442	
	Clinch					2A
		HOMERVILLE	720392	31.056	-82.767	
	Cobb					3A
		DOBBINS AFB	722270	33.917	-84.517	
	Coffee					2A
		DOUGLAS	722062	31.477	-82.861	
	Colquitt					2A
		MOULTRIE	722147	31.083	-83.8	
	Columbia					3A
	Cook					2A
	Coweta					3A
		NEWNAN COWETA COUNTY AP	722176	33.312	-84.77	
	Crawford					3A
	Crisp					2A
	Dade					3A
	Dawson					3A
	DeKalb					3A
		DEKALB-PEACHTREE	722196	33.875	-84.302	
	Decatur					2A
		BAINBRIDGE	720268	30.983	-84.633	
	Dodge					2A
		HEART OF GEORGIA	720962	32.214	-83.128	
	Dooly					3A
	Dougherty					2A
		SOUTHWEST GEORGIA	722160	31.536	-84.194	
	Douglas					3A
	Early					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		BLAKELY	720257	31.397	-84.895	
	Echols					2A
	Effingham					2A
	Elbert					3A
	Emanuel					3A
	Evans					2A
	Fannin					4A
	Fayette					3A
		PEACHTREE CITY	722197	33.355	-84.567	
	Floyd					3A
		ROME RUSSELL	723200	34.348	-85.161	
	Forsyth					3A
	Franklin					3A
	Fulton					3A
		FULTON COUNTY AP	722195	33.779	-84.521	
	Gilmer					4A
	Glascock					3A
	Glynn					2A
		BRUNSWICK GOLDEN ISLES	722136	31.259	-81.466	
		MCKINNON ST SIMONS ISLAND	722137	31.152	-81.391	
	Gordon					3A
	Grady					2A
	Greene					3A
		GREENE COUNTY REGIONAL	720347	33.598	-83.139	
	Gwinnett					3A
	Habersham					4A
	Hall					3A
		LEE GILMER	722185	34.272	-83.83	
	Hancock					3A
	Haralson					3A
	Harris					3A
	Hart					3A
	Heard					3A
	Henry					3A
	Houston					3A
		ROBINS AFB	722175	32.633	-83.6	
	Irwin					2A
	Jackson					3A
	Jasper					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Jeff Davis					2A
	Jefferson					3A
	Jenkins					3A
	Johnson					3A
	Jones					3A
	Lamar					3A
	Lanier					2A
	Laurens					3A
		DUBLIN	722217	32.564	-82.985	
	Lee					2A
	Liberty					2A
		WRIGHT AAF	722090	31.883	-81.567	
	Lincoln					3A
	Long					2A
	Lowndes					2A
		MOODY AFB	747810	30.967	-83.2	
		VALDOSTA	722166	30.783	-83.277	
	Lumpkin					4A
	Macon					3A
	Madison					3A
	Marion					3A
	McDuffie					3A
		THOMSON	720289	33.53	-82.516	
	McIntosh					2A
	Meriwether					3A
	Miller					2A
	Mitchell					2A
	Monroe					3A
	Montgomery					2A
	Morgan					3A
	Murray					3A
	Muscogee					3A
		COLUMBUS	722255	32.516	-84.942	
	Newton					3A
	Oconee					3A
		WATKINSVILLE 5 SSE	740060	33.784	-83.39	
	Oglethorpe					3A
	Paulding					3A
	Peach					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Pickens					3A
	Pierce					2A
	Pike					3A
	Polk					3A
	Pulaski					3A
	Putnam					3A
	Quitman					2A
	Rabun					4A
	Randolph					2A
	Richmond					3A
		AUGUSTA	722180	33.364	-81.963	
		DANIEL FIELD	722181	33.467	-82.039	
	Rockdale					3A
	Schley					3A
	Screven					2A
		SYLVANIA	720301	32.646	-81.596	
	Seminole					2A
	Spalding					3A
	Stephens					3A
	Stewart					3A
	Sumter					3A
	Talbot					3A
	Taliaferro					3A
	Tattnall					2A
	Taylor					3A
	Telfair					2A
	Terrell					2A
	Thomas					2A
	Tift					2A
	Toombs					2A
		VIDALIA	722134	32.193	-82.372	
	Towns					4A
	Treutlen					3A
	Troup					3A
		LAGRANGE CALLAWAY	747807	33.017	-85.067	
	Turner					2A
	Twiggs					3A
	Union					4A
	Upson					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		THOMASTON	747806	32.955	-84.264	
	Walker					3A
	Walton					3A
	Ware					2A
		WAYCROSS-WARE COUNTY AP	722130	31.25	-82.4	
	Warren					3A
	Washington					3A
	Wayne					2A
	Webster					3A
	Wheeler					2A
	White					4A
	Whitfield					3A
		DALTON	722154	34.722	-84.869	
	Wilcox					2A
	Wilkes					3A
	Wilkinson					3A
	Worth					2A
Hawaii (HI)						
	Hawaii					1A
		HILO 5 S	912960	19.645	-155.083	
		HILO INTL	912850	19.719	-155.053	
		KALAOA KONA	911975	19.736	-156.049	
		MAUNA LOA 5 NNE	912950	19.535	-155.576	
	Honolulu					1A
		HONOLULU INTL	911820	21.324	-157.929	
		HONOLULU PIER 4	994007	21.303	-157.864	
		KALAELOA	911780	21.317	-158.067	
		KANEOHE MCAS	911760	21.45	-157.768	
		WHEELER AAF	911700	21.483	-158.033	
	Kalawao					1A
	Kauai					1A
		BARKING SANDS	911620	22.033	-159.783	
		LIHUE	911650	21.984	-159.341	
	Maui					1A
		KAHULUI AP	911900	20.9	-156.429	
		KAHULUI HARBOR	997384	20.895	-156.469	
		LANAI	911905	20.79	-156.949	
		MOLOKAI	911860	21.155	-157.096	
Idaho (ID)						

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Ada					5B
		BOISE	726810	43.567	-116.241	
	Adams					6B
	Bannock					5B
	Bear Lake					6B
	Benewah					5B
	Bingham					5B
	Blaine					6B
	Boise					6B
	Bonner					6B
		SANDPOINT	720322	48.299	-116.56	
	Bonneville					6B
		IDAHO FALLS	725785	43.519	-112.064	
	Boundary					6B
	Butte					6B
		ARCO 17 SW	725790	43.462	-113.556	
	Camas					6B
	Canyon					5B
		CALDWELL	726813	43.65	-116.633	
		NAMPA	720734	43.581	-116.523	
	Caribou					6B
	Cassia					5B
		BURLEY	725867	42.542	-113.766	
	Clark					6B
	Clearwater					5B
	Custer					6B
		CHALLIS	722142	44.523	-114.215	
		STANLEY RANGER STATION	726824	44.171	-114.927	
	Elmore					5B
		MOUNTAIN HOME AFB	726815	43.05	-115.867	
	Franklin					5B
	Fremont					6B
	Gem					5B
	Gooding					5B
	Idaho					5B
		IDAHO COUNTY AP	726873	45.943	-116.123	
		LOWELL	725784	46.144	-115.596	
	Jefferson					6B
	Jerome					5B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		JEROME COUNTY AP	726816	42.727	-114.456	
	Kootenai					5B
		COEUR D'ALENE	727834	47.767	-116.817	
	Latah					5B
	Lemhi					6B
		LEMHI COUNTY AP	726865	45.117	-113.883	
	Lewis					5B
	Lincoln					5B
	Madison					6B
		REXBURG MADISON COUNTY AP	726818	43.832	-111.808	
	Minidoka					5B
	Nez Perce					4B
		LEWISTON	727830	46.375	-117.016	
	Oneida					5B
	Owyhee					5B
		MURPHY 10 W	725800	43.204	-116.751	
	Payette					5B
	Power					5B
		POCATELLO	725780	42.92	-112.571	
	Shoshone					6B
		MULLAN	727836	47.47	-115.8	
	Teton					6B
		DRIGGS-REED	720369	43.743	-111.098	
	Twin Falls					5B
		MAGIC VALLEY	725866	42.482	-114.487	
	Valley					6B
		MCCALL	725864	44.889	-116.102	
	Washington					6B
Illinois (IL)						
	Adams					5A
		QUINCY	724430	39.937	-91.192	
	Alexander					4A
		CAIRO	724975	37.064	-89.219	
	Bond					4A
	Boone					5A
	Brown					5A
	Bureau					5A
	Calhoun					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Carroll					5A
		THOMSON TRI-TOWNSHIP	722204	42.046	-90.108	
	Cass					5A
	Champaign					5A
		CHAMPAIGN 9 SW	724360	40.053	-88.373	
		CHAMPAIGN WILLARD	725315	40.04	-88.278	
		RANTOUL	722194	40.293	-88.142	
	Christian					4A
		TAYLORVILLE	744662	39.534	-89.328	
	Clark					4A
	Clay					4A
		FLORA	744658	38.665	-88.453	
	Clinton					4A
	Coles					4A
		COLES COUNTY AP	725317	39.478	-88.28	
	Cook					5A
		CHICAGO CALUMET HARBOR	997255	41.73	-87.538	
		CHICAGO EXECUTIVE	744665	42.121	-87.905	
		CHICAGO HARRISON-DEVER CRIB	997338	41.916	-87.572	
		CHICAGO MIDWAY	725340	41.786	-87.752	
		LANSING	722126	41.54	-87.532	
	Crawford					4A
		ROBINSON	720319	39.016	-87.65	
	Cumberland					4A
	De Witt					5A
	DeKalb					5A
		DEKALB	722075	41.932	-88.708	
		SHABBONA 5 NNE	724970	41.843	-88.851	
	Douglas					5A
	DuPage					5A
		CHICAGO DUPAGE	725305	41.914	-88.246	
		CHICAGO O'HARE	725300	41.96	-87.932	
	Edgar					4A
		EDGAR COUNTY AP	722172	39.7	-87.669	
	Edwards					4A
	Effingham					4A
		EFFINGHAM	744661	39.07	-88.534	
	Fayette					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Ford					5A
	Franklin					4A
	Fulton					5A
	Gallatin					4A
	Greene					4A
	Grundy					5A
		MORRIS	720137	41.425	-88.419	
	Hamilton					4A
	Hancock					5A
	Hardin					4A
	Henderson					5A
	Henry					5A
	Iroquois					5A
	Jackson					4A
		SOUTHERN ILLINOIS	724336	37.78	-89.25	
	Jasper					4A
	Jefferson					4A
		MT VERNON OUTLAND	724335	38.323	-88.858	
	Jersey					4A
	Jo Daviess					5A
	Johnson					4A
	Kane					5A
		AURORA	744655	41.77	-88.481	
	Kankakee					5A
		GREATER KANKAKEE	722127	41.072	-87.847	
	Kendall					5A
	Knox					5A
		GALESBURG	722089	40.933	-90.433	
	LaSalle					5A
		ILLINOIS VALLEY	722149	41.352	-89.153	
		MARSEILLES	744600	41.367	-88.683	
	Lake					5A
		WAUKEGAN HARBOR	997735	42.361	-87.813	
		WAUKEGAN NATIONAL	725347	42.417	-87.867	
	Lawrence					4A
		LAWRENCEVILLE-VINCENNES	725342	38.764	-87.606	
		MT CARMEL	720330	38.607	-87.727	
	Lee					5A
	Livingston					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		PONTIAC	722171	40.924	-88.625	
	Logan					5A
		LINCOLN	744672	40.158	-89.335	
	Macon					4A
		DECATUR	725316	39.834	-88.866	
	Macoupin					4A
	Madison					4A
	Marion					4A
		CENTRALIA	744657	38.515	-89.092	
		SALEM-LECKRONE	724330	38.65	-88.967	
	Marshall					5A
		LACON	720141	41.019	-89.386	
	Mason					5A
	Massac					4A
		METROPOLIS	720170	37.186	-88.751	
	McDonough					5A
		MACOMB	722157	40.52	-90.652	
	McHenry					5A
	McLean					5A
		CENTRAL ILLINOIS	724397	40.479	-88.915	
	Menard					5A
	Mercer					5A
	Monroe					4A
	Montgomery					4A
		LITCHFIELD	722972	39.163	-89.675	
	Morgan					4A
		JACKSONVILLE	744666	39.78	-90.238	
	Moultrie					4A
	Ogle					5A
		ROCHELLE	722182	41.893	-89.078	
	Peoria					5A
		PEORIA	725320	40.668	-89.684	
	Perry					4A
	Piatt					5A
	Pike					4A
		PITTSFIELD-PENSTONE	744663	39.639	-90.778	
	Pope					4A
	Pulaski					4A
	Putnam					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Randolph					4A
		SPARTA	744653	38.149	-89.699	
	Richland					4A
		OLNEY-NOBLE	744659	38.722	-88.176	
	Rock Island					5A
		QUAD CITY	725440	41.45	-90.517	
	Saline					4A
		HARRISBURG-RALEIGH	744652	37.811	-88.549	
	Sangamon					4A
		SPRINGFIELD LINCOLN	724390	39.845	-89.684	
	Schuyler					5A
	Scott					4A
	Shelby					4A
	St. Clair					4A
		SCOTT AFB	724338	38.55	-89.85	
		ST LOUIS DOWNTOWN	725314	38.571	-90.157	
	Stark					5A
	Stephenson					5A
		ALBERTUS	722082	42.246	-89.582	
	Tazewell					5A
	Union					4A
	Vermilion					5A
		VERMILION REGIONAL	722076	40.2	-87.6	
	Wabash					4A
	Warren					5A
	Washington					4A
	Wayne					4A
		FAIRFIELD	744656	38.379	-88.413	
	White					4A
		CARMI	722074	38.089	-88.123	
	Whiteside					5A
		ROCK FALLS	725326	41.743	-89.676	
	Will					5A
		CHICAGO JOLIET	725345	41.518	-88.176	
		CHICAGO LEWIS	725348	41.604	-88.085	
	Williamson					4A
	Winnebago					5A
		CHICAGO ROCKFORD	725430	42.193	-89.093	
	Woodford					5A

Table A-3 United States Stations and Climate Zones

State / County	Location	WMO #	Latitude	Longitude	Climate Zone
Indiana (IN)					
Adams					5A
Allen					5A
	FORT WAYNE INTL	725330	40.971	-85.206	
Bartholomew					4A
Benton					5A
Blackford					5A
Boone					5A
	INDIANAPOLIS EXECUTIVE	720575	40.031	-86.251	
Brown					4A
Carroll					5A
Cass					5A
Clark					4A
Clay					4A
Clinton					5A
Crawford					4A
Daviess					4A
DeKalb					5A
	DE KALB COUNTY AP	720543	41.3	-85.067	
Dearborn					4A
Decatur					4A
Delaware					5A
	DELAWARE COUNTY AP	725336	40.234	-85.394	
Dubois					4A
	HUNTINGBURG	724365	38.249	-86.954	
Elkhart					5A
	GOSHEN	724388	41.525	-85.791	
Fayette					4A
Floyd					4A
Fountain					5A
Franklin					4A
Fulton					5A
	FULTON COUNTY AP	720736	41.066	-86.182	
Gibson					4A
Grant					5A
Greene					4A
Hamilton					5A
Hancock					5A
Harrison					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Hendricks					4A
	Henry					5A
	Howard					5A
		KOKOMO MUNICIPAL	724387	40.528	-86.059	
	Huntington					5A
	Jackson					4A
	Jasper					5A
	Jay					5A
	Jefferson					4A
	Jennings					4A
	Johnson					4A
	Knox					4A
	Kosciusko					5A
		WARSAW	720266	41.275	-85.84	
	LaGrange					5A
	LaPorte					5A
		MICHIGAN CITY ENTRANCE LIGHT	997339	41.729	-86.912	
		MICHIGAN CITY MUNICIPAL	726358	41.703	-86.821	
	Lake					5A
	Lawrence					4A
		BEDFORD 5 WNW	724310	38.888	-86.571	
	Madison					5A
	Marion					4A
		INDIANAPOLIS EAGLE CREEK	724384	39.825	-86.296	
		INDIANAPOLIS INTL	724380	39.725	-86.282	
	Marshall					5A
	Martin					4A
	Miami					5A
		GRISSOM AFB	725335	40.65	-86.15	
	Monroe					4A
		MONROE COUNTY AP	724375	39.146	-86.616	
	Montgomery					5A
	Morgan					4A
	Newton					5A
	Noble					5A
	Ohio					4A
	Orange					4A
	Owen					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Parke					5A
	Perry					4A
	Pike					4A
	Porter					5A
		PORTER COUNTY AP	725327	41.453	-87.006	
	Posey					4A
	Pulaski					5A
	Putnam					4A
	Randolph					5A
	Ripley					4A
	Rush					4A
	Scott					4A
	Shelby					4A
		SHELBYVILLE	724356	39.578	-85.803	
	Spencer					4A
	St. Joseph					5A
		SOUTH BEND	725350	41.707	-86.316	
	Starke					5A
		STARKE COUNTY AP	720593	41.333	-86.667	
	Steuben					5A
	Sullivan					4A
	Switzerland					4A
	Tippecanoe					5A
		PURDUE UNIVERSITY	724386	40.412	-86.937	
	Tipton					5A
	Union					4A
	Vanderburgh					4A
		EVANSVILLE	724320	38.044	-87.521	
	Vermillion					5A
	Vigo					4A
		TERRE HAUTE	724373	39.452	-87.309	
	Wabash					5A
	Warren					5A
	Warrick					4A
	Washington					4A
	Wayne					5A
	Wells					5A
	White					5A
	Whitley					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
Iowa (IA)						
	Adair					5A
	Adams					5A
	Allamakee					5A
	Appanoose					5A
	Audubon					5A
		AUDUBON COUNTY AP	725498	41.7	-94.917	
	Benton					5A
		VINTON VETERANS MEMORIAL	720326	42.219	-92.026	
	Black Hawk					5A
		WATERLOO	725480	42.554	-92.401	
	Boone					5A
		BOONE	725486	42.049	-93.848	
	Bremer					5A
	Buchanan					5A
		INDEPENDENCE	720293	42.453	-91.948	
	Buena Vista					5A
		STORM LAKE	725496	42.597	-95.241	
	Butler					5A
	Calhoun					5A
	Carroll					5A
		CARROLL	725468	42.046	-94.789	
	Cass					5A
		ATLANTIC	725453	41.407	-95.047	
	Cedar					5A
	Cerro Gordo					6A
		MASON CITY	725485	43.154	-93.327	
	Cherokee					5A
		CHEROKEE	720344	42.732	-95.556	
	Chickasaw					5A
	Clarke					5A
		OSCEOLA	720701	41.052	-93.689	
	Clay					6A
		SPENCER	726500	43.164	-95.202	
	Clayton					5A
	Clinton					5A
		CLINTON	725473	41.833	-90.333	
	Crawford					5A
		DENISON	725477	41.986	-95.381	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Dallas					5A
		PERRY	720412	41.828	-94.16	
	Davis					5A
	Decatur					5A
		LAMONI	725499	40.631	-93.901	
	Delaware					5A
	Des Moines					5A
		SOUTHEAST IOWA	725420	40.783	-91.125	
	Dickinson					6A
	Dubuque					5A
		DUBUQUE	725470	42.398	-90.704	
	Emmet					6A
		ESTHERVILLE	726499	43.401	-94.747	
	Fayette					5A
		OELWEIN	725488	42.681	-91.974	
	Floyd					5A
		NORTHEAST IOWA	725463	43.073	-92.611	
	Franklin					5A
	Fremont					5A
		SHENANDOAH	725467	40.751	-95.413	
	Greene					5A
	Grundy					5A
	Guthrie					5A
	Hamilton					5A
		WEBSTER CITY	725478	42.436	-93.869	
	Hancock					6A
		FOREST CITY	720643	43.235	-93.624	
	Hardin					5A
		IOWA FALLS	722331	42.467	-93.267	
	Harrison					5A
	Henry					5A
		MT PLEASANT	720309	40.947	-91.511	
	Howard					6A
	Humboldt					5A
	Ida					5A
	Iowa					5A
	Jackson					5A
	Jasper					5A
		DES MOINES 17 E	744480	41.556	-93.285	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		NEWTON	725464	41.674	-93.022	
	Jefferson					5A
		FAIRFIELD	726498	41.053	-91.979	
	Johnson					5A
		IOWA CITY	725462	41.633	-91.543	
	Jones					5A
		MONTICELLO	725475	42.224	-91.166	
	Keokuk					5A
	Kossuth					6A
		ALGONA	725457	43.078	-94.272	
	Lee					5A
		FORT MADISON	725483	40.659	-91.327	
		KEOKUK	725456	40.46	-91.428	
	Linn					5A
		EASTERN IOWA	725450	41.883	-91.717	
	Louisa					5A
	Lucas					5A
		CHARITON	725469	41.019	-93.359	
	Lyon					6A
	Madison					5A
	Mahaska					5A
		OSKALOOSA	720351	41.226	-92.491	
	Marion					5A
		KNOXVILLE	725493	41.299	-93.114	
		PELLA	720312	41.4	-92.946	
	Marshall					5A
		MARSHALLTOWN	725461	42.111	-92.916	
	Mills					5A
	Mitchell					6A
	Monona					5A
	Monroe					5A
	Montgomery					5A
		RED OAK	725494	41.01	-95.26	
	Muscatine					5A
		MUSCATINE	725487	41.367	-91.15	
	O'Brien					6A
		SHELDON	725495	43.208	-95.833	
	Osceola					6A
	Page					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		CLARINDA	725479	40.722	-95.026	
	Palo Alto					6A
	Plymouth					5A
		LE MARS	725484	42.778	-96.194	
	Pocahontas					5A
	Polk					5A
		ANKENY	725466	41.691	-93.566	
		DES MOINES	725460	41.534	-93.653	
	Pottawattamie					5A
		COUNCIL BLUFFS	725497	41.259	-95.76	
	Poweshiek					5A
		GRINNELL	725292	41.717	-92.7	
	Ringgold					5A
	Sac					5A
	Scott					5A
		DAVENPORT	744550	41.614	-90.591	
	Shelby					5A
		HARLAN	722097	41.584	-95.339	
	Sioux					5A
		ORANGE CITY	725489	42.99	-96.063	
	Story					5A
		AMES	725472	41.991	-93.619	
	Tama					5A
	Taylor					5A
	Union					5A
		CRESTON	725474	41.02	-94.364	
	Van Buren					5A
	Wapello					5A
		OTTUMWA	725465	41.108	-92.447	
	Warren					5A
	Washington					5A
		WASHINGTON	725454	41.276	-91.673	
	Wayne					5A
	Webster					5A
		FORT DODGE	725490	42.55	-94.183	
	Winnebago					6A
	Winneshiek					5A
		DECORAH	725476	43.275	-91.739	
	Woodbury					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		SIOUX GATEWAY	725570	42.4	-96.383	
	Worth					6A
	Wright					5A
		CLARION	725458	42.742	-93.759	
Kansas (KS)						
	Allen					4A
	Anderson					4A
	Atchison					4A
	Barber					4A
		MEDICINE LODGE	724520	37.267	-98.548	
	Barton					4A
		GREAT BEND	724517	38.35	-98.867	
	Bourbon					4A
	Brown					4A
	Butler					4A
	Chase					4A
	Chautauqua					4A
	Cherokee					4A
	Cheyenne					5B
	Clark					4A
	Clay					4A
	Cloud					4A
		CONCORDIA BLOSSER	724580	39.551	-97.651	
	Coffey					4A
	Comanche					4A
	Cowley					4A
		STROTHER FIELD	724502	37.168	-97.037	
	Crawford					4A
	Decatur					5B
	Dickinson					4A
	Doniphan					4A
	Douglas					4A
		LAWRENCE	724508	39.008	-95.212	
	Edwards					4A
	Elk					4A
	Ellis					4A
		HAYS	724518	38.85	-99.267	
	Ellsworth					4A
	Finney					4B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		GARDEN CITY	724515	37.927	-100.725	
	Ford					4A
		DODGE CITY	724510	37.761	-99.969	
	Franklin					4A
	Geary					4A
		MARSHALL AAF	724550	39.05	-96.767	
	Gove					5B
	Graham					4A
		HILL CITY	724655	39.376	-99.83	
	Grant					4B
	Gray					4B
	Greeley					5B
	Greenwood					4A
	Hamilton					4B
	Harper					4A
	Harvey					4A
		NEWTON	724509	38.068	-97.275	
	Haskell					4B
	Hodgeman					4A
	Jackson					4A
	Jefferson					4A
	Jewell					5A
	Johnson					4A
		JOHNSON COUNTY EXECUTIVE	724468	38.85	-94.739	
		NEW CENTURY	724475	38.832	-94.89	
	Kearny					4B
	Kingman					4A
	Kiowa					4A
	Labette					4A
		PARSONS TRI-CITY	745431	37.328	-95.504	
	Lane					4A
	Leavenworth					4A
	Lincoln					4A
	Linn					4A
	Logan					5B
		OAKLEY 19 SSW	724570	38.87	-100.963	
	Lyon					4A
		EMPORIA	724556	38.329	-96.195	
	Marion					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Marshall					4A
	McPherson					4A
	Meade					4B
	Miami					4A
	Mitchell					4A
	Montgomery					4A
		COFFEYVILLE	724519	37.091	-95.566	
	Morris					4A
	Morton					4B
		ELKHART-MORTON COUNTY AP	724604	37	-101.883	
	Nemaha					4A
	Neosho					4A
		CHANUTE	724507	37.67	-95.484	
	Ness					4A
	Norton					5A
	Osage					4A
	Osborne					4A
	Ottawa					4A
	Pawnee					4A
	Phillips					5A
	Pottawatomie					4A
	Pratt					4A
		PRATT	745430	37.702	-98.747	
	Rawlins					5B
	Reno					4A
		HUTCHINSON	724506	38.065	-97.861	
	Republic					5A
	Rice					4A
	Riley					4A
		MANHATTAN	724555	39.135	-96.679	
		MANHATTAN 6 SSW	724540	39.103	-96.61	
	Rooks					4A
	Rush					4A
	Russell					4A
		RUSSELL	724585	38.876	-98.809	
	Saline					4A
		SALINA	724586	38.8	-97.65	
	Scott					5B
	Sedgwick					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MCCONNELL AFB	724505	37.617	-97.267	
		WICHITA EISENHOWER	724500	37.648	-97.43	
		WICHITA JABARA	724504	37.746	-97.221	
	Seward					4B
		LIBERAL	724516	37.05	-100.967	
	Shawnee					4A
		TOPEKA BILLARD	724560	39.072	-95.631	
		TOPEKA FORBES	724565	38.95	-95.664	
	Sheridan					5B
	Sherman					5B
		GOODLAND	724650	39.367	-101.693	
	Smith					5A
	Stafford					4A
	Stanton					4B
	Stevens					4B
	Sumner					4A
	Thomas					5B
	Trego					4A
	Wabaunsee					4A
	Wallace					5B
	Washington					4A
	Wichita					5B
	Wilson					4A
	Woodson					4A
	Wyandotte					4A
Kentucky (KY)						
	Adair					4A
	Allen					4A
	Anderson					4A
	Ballard					4A
	Barren					4A
		GLASGOW	722322	37.033	-85.95	
	Bath					4A
	Bell					4A
		MIDDLESBORO-BELL COUNTY AP	720353	36.611	-83.738	
	Boone					4A
		CINCINNATI NORTHERN KENTUCKY	724210	39.044	-84.672	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Bourbon					4A
	Boyd					4A
	Boyle					4A
	Bracken					4A
	Breathitt					4A
		JACKSON NWS	724190	37.591	-83.314	
	Breckinridge					4A
	Bullitt					4A
	Butler					4A
	Caldwell					4A
	Calloway					4A
	Campbell					4A
	Carlisle					4A
	Carroll					4A
	Carter					4A
	Casey					4A
	Christian					4A
		CAMPBELL AAF	746710	36.667	-87.483	
	Clark					4A
	Clay					4A
	Clinton					4A
	Crittenden					4A
	Cumberland					4A
	Daviess					4A
		OWENSBORO-DAVIESS COUNTY AP	724237	37.75	-87.167	
	Edmonson					4A
		BOWLING GREEN 21 NNE	724130	37.25	-86.233	
	Elliott					4A
	Estill					4A
	Fayette					4A
		LEXINGTON BLUE GRASS	724220	38.041	-84.606	
	Fleming					4A
	Floyd					4A
	Franklin					4A
		CAPITAL CITY	724233	38.185	-84.903	
	Fulton					4A
	Gallatin					4A
	Garrard					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Grant					4A
	Graves					4A
	Grayson					4A
	Green					4A
	Greenup					4A
	Hancock					4A
	Hardin					4A
		FORT KNOX	724240	37.9	-85.967	
	Harlan					4A
	Harrison					4A
	Hart					4A
	Henderson					4A
		HENDERSON	724238	37.8	-87.683	
	Henry					4A
	Hickman					4A
	Hopkins					4A
	Jackson					4A
	Jefferson					4A
		LOUISVILLE BOWMAN	724235	38.228	-85.664	
		LOUISVILLE INTL	724230	38.181	-85.739	
	Jessamine					4A
	Johnson					4A
	Kenton					4A
	Knott					4A
	Knox					4A
	Larue					4A
	Laurel					4A
		LONDON-CORBIN	724243	37.087	-84.077	
	Lawrence					4A
	Lee					4A
	Leslie					4A
	Letcher					4A
	Lewis					4A
	Lincoln					4A
		STUART POWELL FIELD	720448	37.578	-84.77	
	Livingston					4A
	Logan					4A
	Lyon					4A
	Madison					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		CENTRAL KENTUCKY	720455	37.633	-84.333	
	Magoffin					4A
	Marion					4A
	Marshall					4A
	Martin					4A
	Mason					4A
	McCracken					4A
		BARKLEY	724350	37.056	-88.774	
	McCreary					4A
	McLean					4A
	Meade					4A
	Menifee					4A
	Mercer					4A
	Metcalfe					4A
	Monroe					4A
	Montgomery					4A
	Morgan					4A
	Muhlenberg					4A
	Nelson					4A
	Nicholas					4A
	Ohio					4A
	Oldham					4A
	Owen					4A
	Owsley					4A
	Pendleton					4A
	Perry					4A
	Pike					4A
	Powell					4A
	Pulaski					4A
		LAKE CUMBERLAND	724354	37.054	-84.615	
	Robertson					4A
	Rockcastle					4A
	Rowan					4A
	Russell					4A
	Scott					4A
	Shelby					4A
	Simpson					4A
	Spencer					4A
	Taylor					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Todd					4A
	Trigg					4A
	Trimble					4A
	Union					4A
	Warren					4A
		BOWLING GREEN	746716	36.965	-86.424	
	Washington					4A
	Wayne					4A
		WAYNE COUNTY AP	720379	36.855	-84.856	
	Webster					4A
	Whitley					4A
	Wolfe					4A
	Woodford					4A
		VERSAILLES 3 NNW	724300	38.094	-84.746	
Louisiana (LA)						
	Acadia					2A
	Allen					2A
		ALLEN PARISH	720346	30.75	-92.688	
	Ascension					2A
	Assumption					2A
	Avoyelles					2A
	Beauregard					2A
		DERIDDER BEAUREGARD	722334	30.833	-93.333	
	Bienville					2A
	Bossier					2A
		BARKSDALE AFB	722485	32.5	-93.667	
		SHREVEPORT DOWNTOWN	722484	32.543	-93.745	
	Caddo					2A
		SHREVEPORT REGIONAL	722480	32.451	-93.841	
	Calcasieu					2A
		LAKE CHARLES NWS	722400	30.125	-93.216	
		SOUTHLAND FIELD	722248	30.131	-93.376	
	Caldwell					2A
	Cameron					2A
		CALCASIEU PASS	997337	29.764	-93.343	
	Catahoula					2A
	Claiborne					2A
	Concordia					2A
	De Soto					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	East Baton Rouge					2A
		BATON ROUGE	722320	30.537	-91.147	
	East Carroll					3A
	East Feliciana					2A
	Evangeline					2A
	Franklin					2A
	Grant					2A
	Iberia					2A
		ACADIANA	722314	30.038	-91.884	
	Iberville					2A
	Jackson					2A
	Jefferson					2A
		GRAND ISLE	994977	29.265	-89.958	
		NEW ORLEANS INTL	722310	29.997	-90.278	
	Jefferson Davis					2A
	LaSalle					2A
	Lafayette					2A
		LAFAYETTE	722405	30.205	-91.988	
	Lafourche					2A
		SOUTH LAFOURCHE	722041	29.445	-90.261	
	Lincoln					2A
		RUSTON	722251	32.514	-92.588	
	Livingston					2A
	Madison					3A
		VICKSBURG TALLULAH	722488	32.35	-91.028	
	Morehouse					2A
		MOREHOUSE	722253	32.756	-91.881	
	Natchitoches					2A
		NATCHITOCHES	722319	31.736	-93.099	
	Orleans					2A
		NEW ORLEANS LAKEFRONT	722315	30.049	-90.029	
	Ouachita					2A
		MONROE	722486	32.516	-92.041	
	Plaquemines					2A
		BOOTHVILLE	722336	29.333	-89.408	
		NEW ORLEANS NAS	722316	29.817	-90.017	
		PILOT STATION EAST	997703	28.932	-89.407	
		SOUTHWEST PASS	994010	28.906	-89.429	
	Pointe Coupee					2A

Table A-3 United States Stations and Climate Zones

State / County	Location	WMO #	Latitude	Longitude	Climate Zone
Rapides					2A
	ALEXANDRIA ESLER	722487	31.395	-92.291	
	ALEXANDRIA INTL	747540	31.335	-92.559	
Red River					2A
Richland					2A
Sabine					2A
	PEASON RIDGE	722820	31.4	-93.283	
St. Bernard					2A
	BILOXI BUOY 42007	992120	30.09	-88.769	
St. Charles					2A
St. Helena					2A
St. James					2A
St. John the Baptist					2A
St. Landry					2A
St. Martin					2A
	LAFAYETTE 13 SE	747600	30.092	-91.873	
St. Mary					2A
	PATTERSON	722329	29.717	-91.333	
	SALT POINT	722403	29.572	-91.531	
St. Tammany					2A
	SLIDELL	722330	30.343	-89.822	
Tangipahoa					2A
	HAMMOND	722312	30.521	-90.418	
Tensas					2A
Terrebonne					2A
Union					3A
	MONROE 26 N	747610	32.883	-92.117	
Vermilion					2A
	ABBEVILLE	720587	29.976	-92.084	
Vernon					2A
	FULLERTON LANDING	722821	31.022	-92.911	
	POLK AAF	722390	31.05	-93.183	
Washington					2A
Webster					2A
West Baton Rouge					2A
West Carroll					3A
West Feliciana					2A
Winn					2A
Maine (ME)					

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Androscoggin					6A
		AUBURN-LEWISTON	726184	44.05	-70.283	
	Aroostook					7
		CARIBOU	727120	46.871	-68.017	
		CLAYTON LAKE	727119	46.617	-69.533	
		HOULTON	727033	46.119	-67.793	
		LIMESTONE 4 NNW	727100	46.96	-67.883	
		LIMESTONE LORING	727125	46.95	-67.883	
		NORTHERN AROOSTOOK	726083	47.286	-68.313	
		PRESQUE ISLE	727130	46.683	-68.05	
	Cumberland					5A
		BRUNSWICK	743920	43.9	-69.933	
		PORTLAND BUOY 44007	992780	43.525	-70.141	
		PORTLAND INTL JETPORT	726060	43.65	-70.317	
	Franklin					6A
	Hancock					6A
		E MAINE SHELF BUOY 44034	997181	44.103	-68.112	
		HANCOCK COUNTY BAR HARBOR AP	726077	44.45	-68.367	
		MT DESERT ROCK	994060	43.969	-68.128	
	Kennebec					6A
		AUGUSTA	726185	44.316	-69.797	
		WATERVILLE LAFLEUR	726073	44.533	-69.667	
	Knox					6A
		KNOX COUNTY REGIONAL	726079	44.067	-69.1	
		MATINICUS ROCK	994370	43.784	-68.855	
		WEST PENOBSCOT BAY BUOY 44033	997180	44.055	-68.996	
	Lincoln					6A
		C MAINE SHELF BUOY 44032	997170	43.715	-69.355	
		WISCASSET	727135	43.964	-69.712	
	Oxford					6A
		FRYEBURG EASTERN SLOPE	726183	43.991	-70.948	
	Penobscot					6A
		BANGOR	726070	44.798	-68.819	
		MILLINOCKET	726196	45.648	-68.693	
		OLD TOWN 2 W	727140	44.928	-68.701	
	Piscataquis					6A
		GREENVILLE	726190	45.462	-69.595	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Sagadahoc					6A
	Somerset					6A
	Waldo					6A
	Washington					6A
		EASTPORT HARBOR	997287	44.905	-66.983	
	York					6A
		SANFORD	726064	43.394	-70.708	
		WELLS	997707	43.32	-70.563	
		WEST MAINE SHELF BUOY 44030	997150	43.179	-70.426	
Maryland (MD)						
	Allegany					4A
	Anne Arundel					4A
		ANNAPOLIS US NAVAL ACADEMY	722158	38.991	-76.489	
		BALTIMORE-WASHINGTON	724060	39.173	-76.684	
		JUG BAY	997994	38.781	-76.708	
		THOMAS POINT	994400	38.899	-76.436	
	Baltimore					4A
		BALTIMORE DOWNTOWN	745944	39.281	-76.611	
		BALTIMORE HARBOR	997296	39.267	-76.579	
		FRANCIS SCOTT KEY BRIDGE	997302	39.218	-76.527	
	Baltimore					4A
	Calvert					4A
		COVE POINT LNG PIER	997781	38.402	-76.385	
	Caroline					4A
	Carroll					4A
		CARROLL COUNTY REGIONAL	720699	39.608	-77.008	
	Cecil					4A
	Charles					4A
	Dorchester					4A
		BISHOPS HEAD	997688	38.22	-76.039	
		CAMBRIDGE DORCHESTER	722218	38.539	-76.03	
		CAMBRIDGE HARBOR	997297	38.574	-76.069	
	Frederick					4A
		CAMP DAVID	722823	39.645	-77.468	
	Garrett					5A
		GARRETT COUNTY AP	725293	39.58	-79.339	
	Harford					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Howard					4A
	Kent					4A
		TOLCHESTER BEACH	997312	39.214	-76.245	
	Montgomery					4A
		GAITHERSBURG MONTGOMERY	720334	39.167	-77.167	
	Prince George's					4A
		ANDREWS AFB	745940	38.817	-76.867	
		COLLEGE PARK	722244	38.981	-76.922	
	Queen Anne's					4A
		STEVENSVILLE	720384	38.967	-76.333	
	Somerset					4A
	St. Mary's					4A
		PATUXENT RIVER NAS	724040	38.3	-76.417	
		WEBSTER NOLF	725514	38.142	-76.429	
	Talbot					4A
	Washington					4A
		HAGERSTOWN	724066	39.706	-77.73	
	Wicomico					4A
		SALISBURY	723980	38.341	-75.513	
	Worcester					4A
		OCEAN CITY	745946	38.308	-75.124	
Massachusetts (MA)						
	Barnstable					5A
		BARNSTABLE	725067	41.669	-70.28	
		CHATHAM	725069	41.688	-69.993	
		OTIS ANGB	725061	41.65	-70.517	
		PROVINCETOWN	725073	42.072	-70.221	
	Berkshire					5A
		NORTH ADAMS	725075	42.697	-73.17	
		PITTSFIELD	744104	42.427	-73.289	
	Bristol					5A
		FALL RIVER HARBOR	997279	41.704	-71.164	
		NEW BEDFORD	725065	41.676	-70.958	
		TAUNTON	725068	41.876	-71.021	
	Dukes					5A
		BUZZARDS BAY	994140	41.397	-71.033	
		MARTHA'S VINEYARD	725066	41.393	-70.615	
	Essex					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		BEVERLY	725088	42.584	-70.918	
		LAWRENCE	744904	42.717	-71.124	
		STELLWAGEN BUOY 44029	997140	42.523	-70.566	
	Franklin					5A
		ORANGE	725085	42.57	-72.291	
	Hampden					5A
		WESTFIELD-BARNES	744915	42.158	-72.716	
		WESTOVER AFB	744910	42.2	-72.533	
	Hampshire					5A
	Middlesex					5A
		HANSCOM AFB	725059	42.47	-71.289	
	Nantucket					5A
		NANTUCKET	725060	41.253	-70.061	
	Norfolk					5A
		BLUE HILL OBSERVATORY	744907	42.212	-71.114	
		NORWOOD	725098	42.191	-71.174	
	Plymouth					5A
		BOSTON BUOY 44013	992420	42.346	-70.651	
		MARSHFIELD	722256	42.098	-70.672	
		PLYMOUTH	725064	41.91	-70.729	
		SOUTH WEYMOUTH NAS	725097	42.15	-70.933	
	Suffolk					5A
		BOSTON LOGAN	725090	42.361	-71.01	
	Worcester					5A
		FITCHBURG	725107	42.552	-71.756	
		WORCESTER	725100	42.271	-71.873	
Michigan (MI)						
	Alcona					6A
	Alger					6A
		CHATHAM 1 SE	725380	46.334	-86.92	
		MUNISING	720198	46.417	-86.65	
	Allegan					5A
		WESTERN MICHIGAN	725394	42.746	-86.097	
	Alpena					6A
		ALPENA COUNTY REGIONAL	726390	45.072	-83.564	
		ALPENA HARBOR	997359	45.063	-83.429	
	Antrim					6A
		ANTRIM COUNTY AP	727436	44.986	-85.203	
	Arenac					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Baraga					6A
	Barry					5A
	Bay					5A
	Benzie					5A
		FRANKFORT	720340	44.626	-86.201	
	Berrien					5A
		SOUTHWEST MICHIGAN REGIONAL	726355	42.126	-86.428	
		ST JOSEPH	998012	42.098	-86.494	
	Branch					5A
		BRANCH COUNTY AP	725414	41.933	-85.053	
	Calhoun					5A
		BATTLE CREEK KELLOGG	725396	42.308	-85.251	
		BROOKS	725415	42.251	-84.956	
	Cass					5A
	Charlevoix					6A
		BEAVER ISLAND	722186	45.689	-85.566	
		CHARLEVOIX	727434	45.305	-85.275	
	Cheboygan					6A
		CHEBOYGAN	720321	45.654	-84.519	
	Chippewa					6A
		CHIPPEWA COUNTY AP	727344	46.25	-84.467	
		DE TOUR VILLAGE	997257	45.992	-83.898	
		DRUMMOND ISLAND	720375	46.007	-83.743	
		POINT IROQUOIS	997265	46.485	-84.631	
		SAULT SAINTE MARIE	727340	46.479	-84.357	
		SAULT STE MARIE SW PIER	997268	46.501	-84.372	
		WEST NEEBISH ISLAND	998203	46.285	-84.21	
	Clare					6A
	Clinton					5A
		LANSING	725390	42.776	-84.6	
	Crawford					6A
		GRAYLING AAF	722093	44.68	-84.729	
	Delta					6A
		DELTA COUNTY AP	726480	45.733	-87.083	
		FAIRPORT	997792	45.619	-86.66	
	Dickinson					6A
		KINGSFORD	727437	45.818	-88.114	
	Eaton					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		CHARLOTTE	720284	42.574	-84.811	
	Emmet					6A
		HARBOR SPRINGS	722145	45.426	-84.913	
		PELLSTON	727347	45.564	-84.793	
	Genesee					5A
		FLINT BISHOP	726370	42.967	-83.749	
	Gladwin					6A
	Gogebic					6A
		GOGEBIC-IRON COUNTY AP	727445	46.533	-90.133	
	Grand Traverse					6A
		TRAVERSE CITY CHERRY CAPITAL	726387	44.741	-85.583	
	Gratiot					5A
		GRATIOT	725405	43.322	-84.688	
	Hillsdale					5A
		HILLSDALE	725409	41.921	-84.586	
	Houghton					6A
		HOUGHTON COUNTY AP	727440	47.169	-88.489	
		SUPERIOR GRAND TRAVERSE BAY	998176	47.179	-88.241	
	Huron					5A
		HARBOR BEACH	997260	43.85	-82.64	
		HURON COUNTY AP	725406	43.78	-82.986	
		POINTE AUX BARQUES	725386	44.022	-82.793	
	Ingham					5A
		MASON JEWETT	725417	42.566	-84.433	
	Ionia					5A
		IONIA COUNTY AP	720661	42.938	-85.061	
	Iosco					6A
		OSCODA-WURTSMITH	726395	44.45	-83.4	
	Iron					6A
	Isabella					5A
		MT PLEASANT	725424	43.622	-84.737	
	Jackson					5A
		JACKSON COUNTY AP	725395	42.267	-84.467	
	Kalamazoo					5A
		KALAMAZOO BATTLE CREEK	726357	42.235	-85.552	
	Kalkaska					6A
	Kent					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		GRAND RAPIDS FORD	726350	42.883	-85.524	
	Keweenaw					6A
		COPPER HARBOR	725387	47.467	-87.883	
		PASSAGE ISLAND	994090	48.223	-88.366	
		ROCK OF AGES	994130	47.867	-89.313	
		STANNARD ROCK	994200	47.184	-87.225	
	Lake					6A
	Lapeer					5A
	Leelanau					6A
		GRAND TRAVERSE LIGHT	997731	45.211	-85.55	
	Lenawee					5A
		LENAWEE COUNTY AP	725404	41.868	-84.079	
	Livingston					5A
		LIVINGSTON COUNTY AP	725378	42.629	-83.984	
	Luce					6A
		LUCE COUNTY AP	726394	46.311	-85.457	
	Mackinac					6A
		MACKINAC ISLAND	727435	45.865	-84.637	
		NAUBINWAY	997793	46.087	-85.444	
	Macomb					5A
		DETROIT ST CLAIR SHORES	997996	42.471	-82.877	
		SELFRIDGE AFB	725377	42.608	-82.818	
	Manistee					6A
		MANISTEE COUNTY BLACKER AP	726385	44.267	-86.25	
	Marquette					6A
		BIG BAY	997988	46.827	-87.727	
		MARQUETTE COUNTY AP	727430	46.531	-87.549	
		MARQUETTE HARBOR	997262	46.546	-87.379	
	Mason					5A
		BIG SABLE POINT	997802	44.055	-86.514	
		LUDINGTON HARBOR	997261	43.947	-86.441	
		MASON COUNTY AP	726364	43.963	-86.408	
	Mecosta					6A
		BIG RAPIDS ROBEN-HOOD	725416	43.717	-85.5	
	Menominee					6A
		MENOMINEE HARBOR	997785	45.096	-87.59	
		MENOMINEE REGIONAL	726487	45.117	-87.633	
	Midland					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MIDLAND BARSTOW	720629	43.663	-84.261	
	Missaukee					6A
	Monroe					5A
		MONROE CUSTER	725418	41.94	-83.435	
		TOLEDO SUBURBAN	720275	41.736	-83.655	
	Montcalm					5A
	Montmorency					6A
	Muskegon					5A
		MUSKEGON CGS	997341	43.227	-86.339	
		MUSKEGON COUNTY AP	726360	43.171	-86.237	
	Newaygo					5A
		FREMONT	720415	43.433	-86	
	Oakland					5A
		OAKLAND COUNTY INTL	726375	42.665	-83.418	
		OAKLAND TROY	720113	42.543	-83.178	
	Oceana					5A
	Ogemaw					6A
	Ontonagon					6A
	Osceola					6A
	Oscoda					6A
	Otsego					6A
		GAYLORD	725407	45.013	-84.701	
		GAYLORD 9 SSW	725410	44.908	-84.72	
	Ottawa					5A
	Presque Isle					6A
		ROGERS CITY	727417	45.407	-83.813	
	Roscommon					6A
		ROSCOMMON COUNTY AP	726380	44.359	-84.674	
	Saginaw					5A
		MBS INTL	726379	43.533	-84.08	
		SAGNAW COUNTY AP	722125	43.433	-83.867	
	Sanilac					5A
	Schoolcraft					6A
		MANISTIQUE	726399	45.95	-86.23	
		SCHOOLCRAFT COUNTY AP	725408	45.975	-86.172	
	Shiawassee					5A
		OWOSSO	722346	42.993	-84.139	
	St. Clair					5A
		FORT GRATIOT LH	997258	43.006	-82.422	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		ST CLAIR COUNTY INTL	725384	42.911	-82.529	
	St. Joseph					5A
		KIRSCH	725383	41.817	-85.433	
		THREE RIVERS	720371	41.96	-85.593	
	Tuscola					5A
		TUSCOLA AREA AP	722007	43.459	-83.446	
	Van Buren					5A
		SOUTH HAVEN	722343	42.351	-86.256	
	Washtenaw					5A
		ANN ARBOR	725374	42.223	-83.744	
	Wayne					5A
		DETROIT CITY	725375	42.409	-83.01	
		DETROIT WAYNE COUNTY AP	725370	42.231	-83.331	
		GROSSE ILE	725373	42.099	-83.161	
		WILLOW RUN	725376	42.233	-83.533	
	Wexford					6A
		WEXFORD COUNTY AP	726384	44.283	-85.417	
Minnesota (MN)						
	Aitkin					7
		ATKIN	727504	46.548	-93.677	
		MCGREGOR	720258	46.619	-93.31	
	Anoka					6A
		MINNEAPOLIS ANOKA COUNTY AP	726577	45.15	-93.217	
	Becker					6A
		DETROIT LAKES	727457	46.833	-95.883	
	Beltrami					7
		BEMIDJI	727550	47.5	-94.933	
		WASKISH	727486	48.154	-94.517	
	Benton					6A
	Big Stone					6A
		ORTONVILLE	727515	45.306	-96.424	
	Blue Earth					6A
		MANKATO	726585	44.217	-93.917	
	Brown					6A
		NEW ULM	726567	44.319	-94.502	
	Carlton					7
		CLOQUET CARLTON COUNTY AP	726558	46.703	-92.504	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MOOSE LAKE CARLTON COUNTY AP	727449	46.419	-92.804	
	Carver					6A
	Cass					7
		LONGVILLE	727497	46.99	-94.204	
		PINE RIVER	727508	46.725	-94.382	
	Chippewa					6A
		MONTEVIDEO	726553	44.969	-95.71	
	Chisago					6A
		RUSH CITY	726679	45.698	-92.953	
	Clay					6A
		MOORHEAD	722129	46.839	-96.663	
	Clearwater					7
	Cook					7
		GRAND MARAIS AP	727454	47.838	-90.383	
		GRAND MARAIS HARBOR	997259	47.748	-90.341	
	Cottonwood					6A
		WINDOM	727506	43.913	-95.109	
	Crow Wing					6A
		BRAINERD LAKES	726555	46.405	-94.131	
		PEQUOT LAKES	727500	46.6	-94.317	
	Dakota					6A
		LAKEVILLE AIRLAKE	726562	44.628	-93.228	
		SOUTH ST PAUL	726603	44.857	-93.033	
	Dodge					6A
		DODGE CENTER	726596	44.018	-92.831	
	Douglas					6A
		ALEXANDRIA	726557	45.868	-95.394	
	Faribault					6A
	Fillmore					6A
		FILLMORE COUNTY AP	720283	43.677	-92.18	
	Freeborn					6A
		ALBERT LEA	726589	43.683	-93.367	
	Goodhue					6A
		STANTON	722003	44.476	-93.016	
	Grant					6A
	Hennepin					6A
		MINNEAPOLIS CRYSTAL	726575	45.062	-93.351	
		MINNEAPOLIS FLYING CLOUD	726579	44.832	-93.471	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MINNEAPOLIS-ST PAUL	726580	44.883	-93.229	
	Houston					5A
	Hubbard					7
		PARK RAPIDS	727453	46.901	-95.068	
	Isanti					6A
		CAMBRIDGE	727503	45.559	-93.265	
	Itasca					7
		BIGFORK	727468	47.783	-93.65	
		GRAND RAPIDS	727458	47.211	-93.51	
	Jackson					6A
		JACKSON	726593	43.65	-94.986	
	Kanabec					6A
		MORA	727475	45.886	-93.272	
	Kandiyohi					6A
		WILLMAR	720386	45.117	-95.133	
	Kittson					7
		HALLOCK	727478	48.753	-96.943	
	Koochiching					7
		INTERNATIONAL FALLS	727470	48.561	-93.398	
	Lac qui Parle					6A
		MADISON	727466	44.986	-96.178	
	Lake					7
		SILVER BAY	727556	47.249	-91.416	
		TWO HARBORS HELGESON	727444	47.049	-91.745	
	Lake of the Woods					7
		BAUDETTE	727476	48.717	-94.6	
		FLAG ISLAND	727467	49.318	-94.903	
	Le Sueur					6A
	Lincoln					6A
	Lyon					6A
		SOUTHWEST MINNESOTA	726559	44.45	-95.817	
		TRACY	722342	44.249	-95.607	
	Mahnomen					7
	Marshall					7
		GOODRIDGE 12 NNW	726470	48.306	-95.874	
	Martin					6A
		FAIRMONT	726586	43.65	-94.417	
	McLeod					6A
		GLENCOE	727517	44.756	-94.081	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		HUTCHINSON	726569	44.859	-94.382	
	Meeker					6A
		LITCHFIELD	726583	45.147	-94.507	
	Mille Lacs					6A
		PRINCETON	726682	45.56	-93.608	
	Morrison					6A
		LITTLE FALLS	726578	45.949	-94.347	
	Mower					6A
		AUSTIN	727566	43.665	-92.933	
	Murray					6A
		SLAYTON	720368	43.987	-95.783	
	Nicollet					6A
	Nobles					6A
		WORTHINGTON	726587	43.645	-95.58	
	Norman					7
	Olmsted					6A
		ROCHESTER INTL	726440	43.904	-92.492	
	Otter Tail					6A
		FERGUS FALLS	726572	46.283	-96.15	
		WADENA	726561	46.447	-95.212	
	Pennington					7
		THIEF RIVER FALLS	727555	48.067	-96.183	
	Pine					6A
		SANDSTONE 6 W	726460	46.114	-92.994	
	Pipestone					6A
		PIPESTONE	726566	43.983	-96.3	
	Polk					7
		CROOKSTON	727452	47.842	-96.621	
		FOSSTON	727505	47.593	-95.775	
	Pope					6A
		GLENWOOD	726547	45.644	-95.32	
	Ramsey					6A
		ST PAUL DOWNTOWN	726584	44.932	-93.056	
	Red Lake					7
	Redwood					6A
		REDWOOD FALLS	726556	44.548	-95.08	
	Renville					6A
		OLIVIA	722168	44.779	-95.033	
	Rice					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		FARIBAULT	726563	44.333	-93.317	
	Rock					6A
		LUVERNE	722006	43.621	-96.216	
	Roseau					7
		ROSEAU	727477	48.856	-95.697	
		WARROAD	726548	48.941	-95.348	
	Scott					6A
	Sherburne					6A
		ST CLOUD	726550	45.543	-94.051	
	Sibley					6A
	St. Louis					7
		CHISHOLM-HIBBING	727455	47.386	-92.839	
		COOK	726549	47.822	-92.689	
		CRANE LAKE SCOTTS SPB	727473	48.267	-92.487	
		DULUTH INTL	727450	46.837	-92.183	
		DULUTH SKY HARBOR	727456	46.722	-92.043	
		ELY	727459	47.817	-91.833	
		EVELETH-VIRGINIA	727474	47.424	-92.498	
		ORR	726544	48.016	-92.856	
	Stearns					6A
		PAYNESVILLE	720367	45.372	-94.746	
	Steele					6A
		OWATONNA DEGNER	726568	44.123	-93.261	
	Stevens					6A
		MORRIS	726565	45.566	-95.968	
	Swift					6A
		APPLETON	726466	45.228	-96.007	
		BENSON	727507	45.332	-95.651	
	Todd					6A
	Traverse					6A
		WHEATON	727533	45.78	-96.545	
	Wabasha					6A
	Wadena					6A
		STAPLES	727514	46.381	-94.806	
	Waseca					6A
		WASECA	722032	44.074	-93.553	
	Washington					6A
	Watonwan					6A
		ST JAMES	726554	43.986	-94.558	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Wilkin					6A
	Winona					5A
		WINONA	726588	44.077	-91.708	
	Wright					6A
		BUFFALO	722114	45.159	-93.843	
		MAPLE LAKE	722144	45.236	-93.986	
	Yellow Medicine					6A
		CANBY	722252	44.729	-96.266	
		GRANITE FALLS	722033	44.753	-95.556	
Mississippi (MS)						
	Adams					3A
		NATCHEZ-ADAMS COUNTY AP	722357	31.617	-91.3	
	Alcorn					3A
	Amite					2A
	Attala					3A
	Benton					3A
	Bolivar					3A
	Calhoun					3A
	Carroll					3A
		GREENWOOD-LEFLORE	747580	33.496	-90.087	
	Chickasaw					3A
	Choctaw					3A
	Claiborne					3A
	Clarke					3A
	Clay					3A
	Coahoma					3A
	Copiah					3A
	Covington					3A
	DeSoto					3A
	Forrest					2A
		HATTIESBURG	747590	31.265	-89.253	
	Franklin					3A
	George					2A
	Greene					2A
	Grenada					3A
	Hancock					2A
	Harrison					2A
		GULFPORT-BILOXI	747570	30.412	-89.081	
		KEESLER AFB	747686	30.417	-88.917	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Hinds					3A
		HAWKINS FIELD	722354	32.337	-90.221	
	Holmes					3A
	Humphreys					3A
	Issaquena					3A
	Itawamba					3A
	Jackson					2A
		MOSS POINT TRENT LOTT	747688	30.464	-88.532	
	Jasper					3A
	Jefferson					3A
	Jefferson Davis					3A
	Jones					3A
		HATTIESBURG-LAUREL	722348	31.467	-89.333	
	Kemper					3A
	Lafayette					3A
		UNIVERSITY-OXFORD	720541	34.383	-89.55	
	Lamar					2A
	Lauderdale					3A
		MERIDIAN	722340	32.335	-88.744	
		MERIDIAN NAS	722345	32.55	-88.567	
	Lawrence					3A
	Leake					3A
	Lee					3A
		TUPELO	723320	34.262	-88.771	
	Leflore					3A
	Lincoln					3A
	Lowndes					3A
		COLUMBUS AFB	723306	33.65	-88.45	
		GOLDEN TRIANGLE	723307	33.45	-88.583	
	Madison					3A
	Marion					2A
	Marshall					3A
		HOLLY SPRINGS 4 N	747700	34.822	-89.435	
	Monroe					3A
	Montgomery					3A
	Neshoba					3A
	Newton					3A
		NEWTON 5 ENE	747710	32.338	-89.07	
	Noxubee					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Oktibbeha					3A
	Panola					3A
	Pearl River					2A
	Perry					2A
	Pike					2A
		MCCOMB PIKE COUNTY AP	722358	31.183	-90.471	
	Pontotoc					3A
	Prentiss					3A
	Quitman					3A
	Rankin					3A
		JACKSON INTL	722350	32.321	-90.078	
	Scott					3A
	Sharkey					3A
	Simpson					3A
	Smith					3A
	Stone					2A
	Sunflower					3A
	Tallahatchie					3A
	Tate					3A
	Tippah					3A
	Tishomingo					3A
	Tunica					3A
		TUNICA	722364	34.681	-90.347	
	Union					3A
	Walthall					2A
	Warren					3A
	Washington					3A
		GREENVILLE	747680	33.483	-90.985	
	Wayne					3A
	Webster					3A
	Wilkinson					2A
	Winston					3A
	Yalobusha					3A
	Yazoo					3A
Missouri (MO)						
	Adair					5A
		KIRKSVILLE	724455	40.097	-92.543	
	Andrew					4A
	Atchison					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Audrain					4A
	Barry					4A
		MONETT	723490	36.91	-94.015	
	Barton					4A
		JOPLIN 24 N	725590	37.428	-94.583	
	Bates					4A
	Benton					4A
	Bollinger					4A
	Boone					4A
		COLUMBIA	724450	38.817	-92.218	
	Buchanan					4A
		ROSECRANS	724490	39.774	-94.923	
	Butler					4A
		POPLAR BLUFF	723300	36.773	-90.325	
	Caldwell					4A
	Callaway					4A
		JEFFERSON CITY	724458	38.591	-92.156	
	Camden					4A
	Cape Girardeau					4A
	Carroll					4A
	Carter					4A
	Cass					4A
	Cedar					4A
	Chariton					4A
	Christian					4A
	Clark					5A
	Clay					4A
		KANSAS CITY WHEELER	724463	39.121	-94.597	
	Clinton					4A
	Cole					4A
	Cooper					4A
	Crawford					4A
	Dade					4A
	Dallas					4A
	Daviess					4A
	DeKalb					4A
	Dent					4A
		SALEM 10 W	725600	37.634	-91.723	
	Douglas					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Dunklin					3A
	Franklin					4A
	Gasconade					4A
	Gentry					5A
	Greene					4A
		SPRINGFIELD-BRANSON	724400	37.235	-93.401	
	Grundy					5A
		SPICKARD	725400	40.25	-93.72	
	Harrison					5A
	Henry					4A
		CLINTON	720636	38.35	-93.683	
	Hickory					4A
	Holt					5A
	Howard					4A
	Howell					4A
		WEST PLAINS	723484	36.878	-91.903	
	Iron					4A
	Jackson					4A
		LEE'S SUMMIT	720306	38.96	-94.371	
	Jasper					4A
		WEBB CITY JOPLIN	723495	37.152	-94.495	
	Jefferson					4A
	Johnson					4A
		WARRENSBURG SKYHAVEN	722367	38.783	-93.8	
		WHITEMAN AFB	724467	38.717	-93.55	
	Knox					5A
	Laclede					4A
	Lafayette					4A
	Lawrence					4A
	Lewis					5A
	Lincoln					4A
	Linn					5A
		CHILLICOTHE 22 ENE	725550	39.867	-93.147	
	Livingston					4A
		CHILLICOTHE	724464	39.823	-93.579	
	Macon					5A
	Madison					4A
	Maries					4A
		ROLLA	724420	38.132	-91.765	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Marion					5A
	McDonald					4A
	Mercer					5A
	Miller					4A
		BRUMLEY FINE	724459	38.096	-92.553	
	Mississippi					4A
	Moniteau					4A
	Monroe					4A
	Montgomery					4A
	Morgan					4A
	New Madrid					4A
	Newton					4A
	Nodaway					5A
	Oregon					4A
	Osage					4A
	Ozark					4A
	Pemiscot					3A
	Perry					4A
	Pettis					4A
		SEDALIA	724453	38.704	-93.183	
	Phelps					4A
	Pike					4A
	Platte					4A
		KANSAS CITY INTL	724460	39.297	-94.731	
	Polk					4A
	Pulaski					4A
		FT LEONARD WOOD	724457	37.74	-92.14	
	Putnam					5A
	Ralls					4A
	Randolph					4A
	Ray					4A
	Reynolds					4A
	Ripley					4A
	Saline					4A
	Schuyler					5A
	Scotland					5A
	Scott					4A
		CAPE GIRARDEAU	723290	37.225	-89.571	
	Shannon					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Shelby					5A
	St. Charles					4A
		ST CHARLES COUNTY AP	724347	38.929	-90.428	
	St. Clair					4A
	St. Francois					4A
		FARMINGTON	724454	37.761	-90.428	
	St. Louis					4A
		SPIRIT OF ST LOUIS	724345	38.657	-90.656	
		ST LOUIS LAMBERT	724340	38.753	-90.374	
	St. Louis					4A
	Ste. Genevieve					4A
	Stoddard					4A
	Stone					4A
	Sullivan					5A
	Taney					4A
	Texas					4A
	Vernon					4A
	Warren					4A
	Washington					4A
	Wayne					4A
	Webster					4A
	Worth					5A
	Wright					4A
Montana (MT)						
	Beaverhead					6B
		DILLON	727700	45.258	-112.554	
		DILLON 18 WSW	742270	45.158	-113.006	
	Big Horn					6B
	Blaine					6B
	Broadwater					6B
	Carbon					6B
	Carter					6B
	Cascade					6B
		GREAT FALLS	727760	47.461	-111.385	
		MALMSTROM AFB	727755	47.517	-111.183	
	Chouteau					6B
	Custer					6B
		MILES CITY	742300	46.427	-105.883	
	Daniels					6B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Dawson					6B
		DAWSON COMMUNITY AP	726676	47.133	-104.8	
	Deer Lodge					6B
	Fallon					6B
		BAKER	726777	46.346	-104.258	
	Fergus					6B
		LEWISTOWN	726776	47.049	-109.458	
	Flathead					6B
		GLACIER PARK	727790	48.304	-114.264	
	Gallatin					6B
		BOZEMAN YELLOWSTONE	726797	45.788	-111.161	
	Garfield					6B
		JORDAN	727684	47.326	-106.948	
	Glacier					6B
		CUT BANK	727690	48.603	-112.375	
		ST MARY 1 SSW	742290	48.741	-113.433	
	Golden Valley					6B
	Granite					6B
	Hill					6B
		HAVRE	727770	48.543	-109.763	
	Jefferson					6B
	Judith Basin					6B
		LEWISTOWN 42 WSW	742280	46.885	-110.29	
	Lake					6B
	Lewis and Clark					6B
		HELENA	727720	46.606	-111.964	
	Liberty					6B
	Lincoln					6B
	Madison					6B
	McCone					6B
	Meagher					6B
	Mineral					6B
		MULLAN PASS	726817	47.457	-115.645	
	Missoula					6B
		MISSOULA	727730	46.921	-114.093	
	Musselshell					6B
	Park					6B
		MISSION FIELD	726798	45.698	-110.441	
	Petroleum					6B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Phillips					6B
	Pondera					6B
	Powder River					6B
	Powell					6B
	Prairie					6B
	Ravalli					6B
	Richland					6B
		SIDNEY-RICHLAND	727687	47.717	-104.183	
	Roosevelt					6B
		WOLF POINT 29 ENE	742320	48.308	-105.102	
		WOLF POINT 34 NE	742310	48.489	-105.21	
		WOLF POINT CLAYTON	727686	48.094	-105.574	
	Rosebud					6B
	Sanders					6B
	Sheridan					6B
	Silver Bow					6B
		BUTTE MOONEY	727740	45.965	-112.501	
	Stillwater					6B
	Sweet Grass					6B
	Teton					6B
	Toole					6B
	Treasure					6B
	Valley					6B
		GLASGOW	727680	48.207	-106.626	
	Wheatland					6B
	Wibaux					6B
	Yellowstone					6B
		BILLINGS LOGAN	726770	45.807	-108.542	
Nebraska (NE)						
	Adams					5A
		HASTINGS	725525	40.601	-98.426	
	Antelope					5A
	Arthur					5A
	Banner					5B
	Blaine					5A
	Boone					5A
		ALBION	723441	41.73	-98.054	
	Box Butte					5B
		ALLIANCE	725635	42.057	-102.802	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Boyd					5A
	Brown					5A
		AINSWORTH	725556	42.577	-100.001	
	Buffalo					5A
		KEARNEY	725526	40.733	-99	
	Burt					5A
		TEKAMAH	725527	41.764	-96.178	
	Butler					5A
	Cass					5A
		PLATTSMOUTH	722291	40.948	-95.917	
	Cedar					5A
	Chase					5B
		IMPERIAL	725626	40.51	-101.62	
	Cherry					5A
		VALENTINE	725670	42.857	-100.548	
	Cheyenne					5B
		SIDNEY	725610	41.1	-102.983	
	Clay					5A
	Colfax					5A
	Cuming					5A
	Custer					5A
		BROKEN BOW	725555	41.433	-99.633	
	Dakota					5A
	Dawes					5B
		CHADRON	725636	42.837	-103.098	
	Dawson					5A
		LEXINGTON	725624	40.789	-99.771	
	Deuel					5B
	Dixon					5A
	Dodge					5A
		FREMONT	725564	41.449	-96.52	
	Douglas					5A
		EPPLEY FIELD	725500	41.31	-95.899	
		NORTH OMAHA	725530	41.367	-96.017	
		OMAHA MILLARD	720308	41.196	-96.112	
	Dundy					5B
	Fillmore					5A
	Franklin					5A
	Frontier					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Furnas					5A
	Gage					5A
		BEATRICE	725515	40.301	-96.754	
	Garden					5B
	Garfield					5A
	Gosper					5A
	Grant					5A
		WHITMAN 5 ENE	744360	42.068	-101.445	
	Greeley					5A
	Hall					5A
		CENTRAL NEBRASKA	725520	40.961	-98.314	
	Hamilton					5A
		AURORA	725513	40.893	-97.997	
	Harlan					5A
	Hayes					5B
	Hitchcock					5B
	Holt					5A
		O'NEILL	725566	42.47	-98.688	
	Hooker					5A
	Howard					5A
	Jefferson					5A
	Johnson					5A
	Kearney					5A
	Keith					5A
		SEARLE FIELD	725621	41.119	-101.768	
	Keya Paha					5A
	Kimball					5B
		KIMBALL	725665	41.189	-103.671	
	Knox					5A
	Lancaster					5A
		LINCOLN	725510	40.851	-96.748	
		LINCOLN 11 SW	744410	40.695	-96.854	
		LINCOLN 8 ENE	744420	40.848	-96.565	
	Lincoln					5A
		NORTH PLATTE	725620	41.133	-100.7	
	Logan					5A
	Loup					5A
	Madison					5A
		NORFOLK	725560	41.986	-97.435	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	McPherson					5A
	Merrick					5A
	Morrill					5B
	Nance					5A
	Nemaha					5A
	Nuckolls					5A
	Otoe					5A
		NEBRASKA CITY	725541	40.606	-95.864	
	Pawnee					5A
	Perkins					5B
	Phelps					5A
		BREWSTER FIELD	725628	40.45	-99.339	
	Pierce					5A
	Platte					5A
		COLUMBUS	725565	41.45	-97.345	
	Polk					5A
	Red Willow					5A
		MCCOOK	725625	40.206	-100.591	
	Richardson					5A
		BRENNER FIELD	725533	40.08	-95.592	
	Rock					5A
	Saline					5A
	Sarpy					5A
		OFFUTT AFB	725540	41.117	-95.9	
	Saunders					5A
		WAHOO	720942	41.241	-96.594	
	Scotts Bluff					5B
		WESTERN NEBRASKA	725660	41.871	-103.593	
	Seward					5A
	Sheridan					5B
	Sherman					5A
	Sioux					6B
		HARRISON 20 SSE	744380	42.425	-103.736	
	Stanton					5A
	Thayer					5A
		HEBRON	722124	40.149	-97.587	
	Thomas					5A
		THEDFORD	722211	41.964	-100.569	
	Thurston					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Valley					5A
		ORD SHARP	725524	41.623	-98.948	
	Washington					5A
		BLAIR	720405	41.412	-96.109	
	Wayne					5A
		WAYNE	722241	42.242	-96.983	
	Webster					5A
	Wheeler					5A
	York					5A
		YORK	725512	40.894	-97.626	
Nevada (NV)						
	Carson City					4B
		CARSON	720549	39.192	-119.734	
	Churchill					4B
		FALLON NAS	724885	39.417	-118.717	
	Clark					2B
		BOULDER	720741	35.947	-114.861	
		CREECH AFB	746141	36.583	-115.683	
		HENDERSON EXECUTIVE	722096	35.976	-115.133	
		LAS VEGAS MCCARRAN	723860	36.072	-115.163	
		NELLIS AFB	746140	36.25	-115.033	
		NORTH LAS VEGAS	724846	36.212	-115.196	
	Douglas					4B
	Elko					5B
		ELKO	725825	40.829	-115.789	
	Esmeralda					4B
	Eureka					5B
		EUREKA	725824	39.517	-115.967	
		EUREKA AP	724770	39.601	-116.006	
	Humboldt					5B
		WINNEMUCCA	725830	40.902	-117.808	
	Lander					5B
	Lincoln					4B
		CALIENTE	724870	37.612	-114.526	
	Lyon					4B
	Mineral					4B
	Nye					4B
		DESERT ROCK	723870	36.621	-116.028	
		MERCURY 3 SSW	723920	36.624	-116.022	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		TONOPAH	724855	38.051	-117.09	
	Pershing					5B
		DERBY FIELD	725805	40.068	-118.569	
	Storey					4B
	Washoe					4B
		DENIO 52 WSW	723850	41.848	-119.636	
		RENO-TAHOE	724880	39.484	-119.771	
	White Pine					5B
		BAKER 5 W	723880	39.012	-114.209	
		ELY	724860	39.295	-114.847	
New Hampshire (NH)						
	Belknap					6A
		LACONIA	726155	43.567	-71.433	
	Carroll					6A
	Cheshire					5A
		JAFFREY	726163	42.805	-72.004	
		KEENE DILLANT-HOPKINS	726165	42.9	-72.267	
	Coos					6A
		BERLIN	726160	44.576	-71.179	
		MT WASHINGTON REGIONAL	726164	44.368	-71.545	
		MT WASHINGTON SUMMIT	726130	44.27	-71.303	
	Grafton					6A
		LEBANON	726116	43.626	-72.305	
		PLYMOUTH	742078	43.779	-71.754	
	Hillsborough					5A
		NASHUA	743946	42.783	-71.517	
	Merrimack					5A
		CONCORD	726050	43.205	-71.503	
	Rockingham					5A
		ISLE OF SHOALS	994270	42.967	-70.623	
		MANCHESTER-BOSTON	743945	42.93	-71.436	
		PORTSMOUTH PEASE	726055	43.083	-70.817	
	Strafford					5A
		DURHAM 2 N	726090	43.172	-70.928	
		DURHAM 2 SSW	726100	43.109	-70.948	
		ROCHESTER SKYHAVEN	726056	43.278	-70.922	
	Sullivan					6A
New Jersey (NJ)						
	Atlantic					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		ATLANTIC CITY BOARDWALK	997270	39.357	-74.418	
		ATLANTIC CITY INTL	724070	39.452	-74.567	
		NACOTE CREEK	998002	39.535	-74.464	
	Bergen					4A
		TETERBORO	725025	40.85	-74.061	
	Burlington					4A
		MCGUIRE AFB	724096	40.017	-74.6	
		SOUTH JERSEY	724074	39.941	-74.841	
	Camden					4A
	Cape May					4A
		CAPE MAY	745966	39.008	-74.908	
	Cumberland					4A
		MILLVILLE	724075	39.366	-75.078	
	Essex					4A
		ESSEX COUNTY AP	724094	40.876	-74.283	
	Gloucester					4A
	Hudson					4A
		ROBINS REEF	997743	40.657	-74.065	
	Hunterdon					4A
	Mercer					4A
		TRENTON-MERCER	724095	40.277	-74.816	
	Middlesex					4A
	Monmouth					4A
		MONMOUTH JET CENTER	724084	40.183	-74.117	
	Morris					4A
	Ocean					4A
	Passaic					4A
	Salem					4A
	Somerset					4A
		SOMERSET	722247	40.624	-74.669	
	Sussex					5A
		AEROFLEX-ANDOVER	724077	41.009	-74.736	
		SUSSEX	740001	41.199	-74.626	
	Union					4A
		NEWARK INTL	725020	40.683	-74.169	
	Warren					5A
New Mexico (NM)						
	Bernalillo					4B
		ALBUQUERQUE INTL	723650	35.038	-106.622	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Catron					4B
	Chaves					3B
		ROSWELL	722680	33.308	-104.508	
	Cibola					5B
		GRANTS-MILAN	723625	35.165	-107.902	
	Colfax					5B
		ANGEL FIRE	720411	36.422	-105.29	
		RATON	722678	36.741	-104.502	
	Curry					4B
		CANNON AFB	722686	34.383	-103.317	
		CLOVIS	722689	34.433	-103.083	
	De Baca					4B
	Do ├▒a Ana					3B
		LAS CRUCES	722695	32.283	-106.917	
		LAS CRUCES 20 N	746320	32.614	-106.741	
		WHITE SANDS	722690	32.383	-106.483	
	Eddy					3B
		ARTESIA	722676	32.853	-104.468	
		CARLSBAD CAVERN CITY	722687	32.334	-104.258	
	Grant					3B
		GRANT COUNTY AP	722721	32.633	-108.167	
	Guadalupe					4B
	Harding					5B
	Hidalgo					3B
	Lea					3B
	Lincoln					3B
		SIERRA BLANCA	722683	33.467	-105.533	
	Los Alamos					4B
		LOS ALAMOS	723654	35.879	-106.269	
	Luna					3B
		DEMING	722725	32.262	-107.721	
	McKinley					5B
		GALLUP	723627	35.514	-108.794	
	Mora					5B
	Otero					3B
		ALAMOGORDO WHITE SANDS	722693	32.84	-105.991	
		HOLLOMAN AFB	747320	32.85	-106.1	
	Quay					4B
		TUCUMCARI	723676	35.182	-103.603	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Rio Arriba					6B
	Roosevelt					4B
	San Juan					4B
		FOUR CORNERS	723658	36.744	-108.229	
	San Miguel					5B
		LAS VEGAS	723677	35.654	-105.142	
	Sandoval					6B
		LOS ALAMOS 13 W	746330	35.858	-106.521	
	Santa Fe					4B
		SANTA FE	723656	35.617	-106.089	
	Sierra					3B
		TRUTH OR CONSEQUENCES	722710	33.237	-107.268	
	Socorro					4B
		SOCORRO	723620	34.022	-106.903	
		SOCORRO 20 N	746340	34.356	-106.886	
	Taos					5B
		TAOS	723663	36.45	-105.667	
	Torrance					5B
		CLINES CORNERS	722677	35.003	-105.663	
	Union					4B
		CLAYTON	723600	36.449	-103.154	
	Valencia					4B
New York (NY)						
	Albany					5A
		ALBANY INTL	725180	42.747	-73.799	
	Allegany					5A
		WELLSVILLE	725157	42.109	-77.992	
	Bronx					4A
	Broome					5A
		GREATER BINGHAMTON	725150	42.207	-75.98	
	Cattaraugus					5A
	Cayuga					5A
	Chautauqua					5A
		CHAUTAUQUA COUNTY AP	725235	42.15	-79.25	
		DUNKIRK AP	744989	42.493	-79.272	
		DUNKIRK LH	994250	42.494	-79.354	
	Chemung					5A
		ELMIRA CORNING	725156	42.159	-76.892	
	Chenango					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Clinton					6A
		PLATTSBURGH	726225	44.65	-73.467	
	Columbia					5A
	Cortland					6A
		ITHACA 13 E	725270	42.44	-76.246	
	Delaware					6A
	Dutchess					5A
		HUDSON VALLEY	725036	41.626	-73.882	
		MILLBROOK 3 W	743690	41.786	-73.742	
	Erie					5A
		BUFFALO HARBOR	997254	42.878	-78.89	
		BUFFALO NIAGARA	725280	42.941	-78.719	
	Essex					6A
	Franklin					6A
		ADIRONDACK	726228	44.385	-74.207	
	Fulton					6A
	Genesee					5A
	Greene					5A
	Hamilton					6A
	Herkimer					6A
	Jefferson					6A
		GALLOO ISLAND	994320	43.889	-76.444	
		WATERTOWN	726227	43.989	-76.026	
		WHEELER-SACK AAF	743700	44.05	-75.733	
	Kings					4A
	Lewis					6A
	Livingston					5A
		DANSVILLE	724988	42.571	-77.713	
	Madison					6A
	Monroe					5A
		GREATER ROCHESTER INTL	725290	43.117	-77.677	
		ROCHESTER PIER	998009	43.263	-77.598	
	Montgomery					6A
	Nassau					4A
		NEW YORK KINGS POINT	997280	40.811	-73.765	
	New York					4A
		NEW YORK CENTRAL PARK	725053	40.779	-73.969	
	Niagara					5A
		NIAGARA FALLS INTL	725287	43.108	-78.938	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		NIAGARA INTAKE	998235	43.077	-79.014	
	Oneida					5A
		GRIFFISS INTL	725196	43.234	-75.412	
		ONEIDA COUNTY AP	725197	43.145	-75.384	
	Onondaga					5A
		SYRACUSE HANCOCK	725190	43.111	-76.104	
	Ontario					5A
	Orange					5A
		NEW YORK STEWART	725038	41.5	-74.1	
		ORANGE COUNTY AP	725015	41.509	-74.265	
	Orleans					5A
	Oswego					5A
		OSWEGO COUNTY AP	725146	43.35	-76.385	
		OSWEGO HARBOR	997264	43.464	-76.511	
	Otsego					6A
	Putnam					5A
	Queens					4A
		AMBROSE LIGHT	994100	40.46	-73.83	
		NEW YORK KENNEDY	744860	40.639	-73.764	
		NEW YORK LA GUARDIA	725030	40.779	-73.88	
	Rensselaer					5A
	Richmond					4A
		NEW YORK BERGEN POINT	997272	40.639	-74.146	
	Rockland					4A
	Saratoga					5A
	Schenectady					5A
	Schoharie					5A
	Schuyler					5A
	Seneca					5A
	St. Lawrence					6A
		MASSENA	726223	44.936	-74.846	
		SUPERIOR SHOALS	994580	44.465	-75.794	
	Steuben					5A
	Suffolk					4A
		BROOKHAVEN CALABRO	725016	40.822	-72.869	
		FARMINGDALE REPUBLIC	744864	40.734	-73.417	
		LONG ISLAND MACARTHUR	725050	40.794	-73.102	
		MONTAUK	725014	41.073	-71.923	
		WESTHAMPTON GABRESKI	744865	40.844	-72.632	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Sullivan					5A
		SULLIVAN COUNTY AP	725145	41.701	-74.795	
	Tioga					5A
	Tompkins					5A
		ITHACA TOMPKINS	725155	42.483	-76.467	
	Ulster					5A
	Warren					6A
		GLENN FALLS BENNETT	725220	43.338	-73.61	
	Washington					5A
	Wayne					5A
	Westchester					4A
		WESTCHESTER COUNTY AP	725037	41.062	-73.705	
	Wyoming					5A
	Yates					5A
		PENN YAN	725194	42.643	-77.056	
North Carolina (NC)						
	Alamance					3A
		BURLINGTON ALAMANCE	723174	36.047	-79.477	
	Alexander					4A
	Alleghany					4A
	Anson					3A
		ANSON COUNTY AP	725294	35.017	-80.083	
	Ashe					4A
		ASHE COUNTY AP	723146	36.432	-81.419	
	Avery					5A
	Beaufort					3A
		WASHINGTON WARREN FIELD	746925	35.57	-77.05	
	Bertie					3A
	Bladen					3A
		ELIZABETHTOWN	720279	34.602	-78.578	
	Brunswick					3A
		CAPE FEAR REGIONAL	722191	33.929	-78.075	
	Buncombe					4A
		ASHEVILLE	723150	35.432	-82.538	
		ASHEVILLE 8 SSW	746960	35.495	-82.614	
	Burke					4A
	Cabarrus					3A
	Caldwell					4A
		FOOTHILLS	723148	35.821	-81.611	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Camden					3A
	Carteret					3A
		BEAUFORT	723037	34.733	-76.657	
		BOGUE USMC	723097	34.683	-77.033	
		CAPE LOOKOUT	994160	34.622	-76.525	
	Caswell					4A
	Catawba					3A
		HICKORY	723010	35.742	-81.382	
	Chatham					3A
	Cherokee					4A
		WESTERN CAROLINA	722177	35.195	-83.865	
	Chowan					3A
		NORTHEASTERN	723074	36.028	-76.567	
	Clay					4A
	Cleveland					3A
		SHELBY-CLEVELAND COUNTY AP	720277	35.256	-81.601	
	Columbus					3A
		COLUMBUS COUNTY AP	720274	34.273	-78.715	
	Craven					3A
		CHERRY POINT MCAS	723090	34.9	-76.883	
		COASTAL CAROLINA	723095	35.068	-77.048	
	Cumberland					3A
		FAYETTEVILLE	723035	34.991	-78.88	
		POPE AFB	723030	35.174	-79.009	
		SIMMONS AAF	746930	35.133	-78.933	
	Currituck					3A
		CURRITUCK COUNTY REGIONAL	723626	36.399	-76.016	
	Dare					3A
		DARE COUNTY REGIONAL	723046	35.917	-75.7	
		DUCK PIER	998209	36.184	-75.746	
		FRISCO MITCHELL	723139	35.233	-75.622	
		KILL DEVIL HILLS	720282	36.018	-75.671	
		OREGON INLET MARINA	997307	35.796	-75.548	
	Davidson					3A
		DAVIDSON COUNTY AP	722079	35.781	-80.304	
	Davie					3A
	Duplin					3A
		DUPLIN COUNTY AP	746929	35	-77.982	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Durham					3A
	Edgecombe					3A
	Forsyth					3A
		WINSTON-SALEM REYNOLDS	723193	36.134	-80.222	
	Franklin					3A
		TRIANGLE NORTH EXECUTIVE	722141	36.023	-78.33	
	Gaston					3A
		GASTONIA	723147	35.197	-81.156	
	Gates					3A
	Graham					4A
	Granville					3A
		HENDERSON-OXFORD	720288	36.361	-78.529	
	Greene					3A
	Guilford					3A
		PIEDMONT TRIAD	723170	36.097	-79.943	
	Halifax					3A
		HALIFAX NORTHAMPTON	720649	36.33	-77.635	
		SOUTH ROSEMARY	724008	36.439	-77.71	
	Harnett					3A
		HARNETT REGIONAL	746936	35.379	-78.734	
	Haywood					4A
	Henderson					4A
		ASHEVILLE 13 S	746970	35.419	-82.557	
	Hertford					3A
		TRI-COUNTY AP	723079	36.298	-77.171	
	Hoke					3A
	Hyde					3A
	Iredell					3A
		STATESVILLE	723055	35.765	-80.957	
	Jackson					4A
	Johnston					3A
		JOHNSTON	722131	35.541	-78.39	
	Jones					3A
	Lee					3A
		RALEIGH EXECUTIVE	722201	35.582	-79.101	
	Lenoir					3A
	Lincoln					3A
		LINCOLN COUNTY AP	722128	35.483	-81.161	
	Macon					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		MACON COUNTY AP	720259	35.223	-83.419	
	Madison					4A
	Martin					3A
	McDowell					4A
	Mecklenburg					3A
		CHARLOTTE DOUGLAS	723140	35.224	-80.955	
	Mitchell					5A
	Montgomery					3A
	Moore					3A
		MOORE COUNTY AP	723143	35.237	-79.391	
	Nash					3A
		ROCKY MOUNT WILSON	723068	35.855	-77.893	
	New Hanover					3A
		WILMINGTON	723020	34.268	-77.9	
	Northampton					3A
	Onslow					3A
		NEW RIVER MCAS	723096	34.708	-77.44	
		RICHLANDS ELLIS	723069	34.833	-77.617	
	Orange					3A
		CHAPEL HILL	746939	35.933	-79.064	
		DURHAM 11 W	756940	35.971	-79.093	
	Pamlico					3A
	Pasquotank					3A
		ELIZABETH CITY	723070	36.261	-76.175	
	Pender					3A
	Perquimans					3A
	Person					4A
		PERSON COUNTY AP	722193	36.285	-78.984	
	Pitt					3A
		PITT-GREENVILLE	723065	35.633	-77.383	
	Polk					3A
	Randolph					3A
		ASHEBORO	746935	35.654	-79.895	
	Richmond					3A
		MACKALL AAF	723034	35.033	-79.5	
		RICHMOND COUNTY AP	722243	34.891	-79.759	
	Robeson					3A
		LUMBERTON	723108	34.608	-79.059	
	Rockingham					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		ROCKINGHAM COUNTY SHILOH AP	742077	36.437	-79.851	
	Rowan					3A
		MID-CAROLINA	723156	35.646	-80.52	
	Rutherford					3A
		RUTHERFORD COUNTY AP	723144	35.428	-81.935	
	Sampson					3A
		SAMPSON COUNTY AP	722073	34.976	-78.364	
	Scotland					3A
		LAURINBURG-MAXTON	723109	34.792	-79.366	
	Stanly					3A
		STANLEY COUNTY AP	722148	35.417	-80.151	
	Stokes					4A
	Surry					4A
		MT AIRY	723177	36.46	-80.553	
	Swain					4A
	Transylvania					4A
	Tyrrell					3A
	Union					3A
		CHARLOTTE-MONROE	723194	35.017	-80.621	
	Vance					3A
	Wake					3A
		RALEIGH-DURHAM	723060	35.892	-78.782	
	Warren					3A
	Washington					3A
	Watauga					4A
		BOONE	722198	36.2	-81.65	
	Wayne					3A
		GOLDSBORO-WAYNE	746940	35.46	-77.965	
		SEYMOUR JOHNSON AFB	723066	35.344	-77.965	
	Wilkes					4A
		WILKES COUNTY AP	723165	36.223	-81.098	
	Wilson					3A
	Yadkin					3A
	Yancey					5A
North Dakota (ND)						
	Adams					6A
		HETTINGER	727584	46.014	-102.655	
	Barnes					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Benson					7
	Billings					6B
		MEDORA 7 E	727520	46.895	-103.377	
	Bottineau					7
	Bowman					6B
	Burke					7
		NORTHGATE 5 ESE	727540	48.968	-102.17	
	Burleigh					6A
		BISMARCK	727640	46.783	-100.757	
	Cass					6A
		FARGO HECTOR	727530	46.925	-96.811	
	Cavalier					7
	Dickey					6A
	Divide					6B
	Dunn					6A
	Eddy					7
	Emmons					6A
	Foster					6A
	Golden Valley					6B
	Grand Forks					7
		GRAND FORKS AFB	727575	47.967	-97.4	
		GRAND FORKS INTL	727570	47.943	-97.184	
	Grant					6A
	Griggs					7
	Hettinger					6A
	Kidder					6A
		JAMESTOWN 38 WSW	727510	46.77	-99.478	
	LaMoure					6A
	Logan					6A
	McHenry					7
	McIntosh					6A
	McKenzie					6B
	McLean					6A
		GARRISON	727677	47.646	-101.439	
	Mercer					6A
	Morton					6A
	Mountrail					6A
	Nelson					7
	Oliver					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Pembina					7
	Pierce					7
	Ramsey					7
		DEVILS LAKE	727573	48.117	-98.9	
	Ransom					6A
	Renville					7
	Richland					6A
		LIDGERWOOD	727534	46.1	-97.15	
		WAHPETON	722004	46.244	-96.607	
	Rolette					7
	Sargent					6A
	Sheridan					6A
	Sioux					6A
	Slope					6B
	Stark					6A
		DICKINSON ROOSEVELT	727630	46.799	-102.797	
	Steele					7
	Stutsman					6A
		JAMESTOWN	727535	46.926	-98.669	
	Towner					7
		CANDO	720858	48.48	-99.236	
	Traill					7
	Walsh					7
	Ward					6A
		MINOT AFB	727675	48.417	-101.35	
		MINOT INTL	727676	48.255	-101.273	
	Wells					6A
	Williams					6B
		WILLISTON SLOULIN FIELD	727670	48.174	-103.637	
Ohio (OH)						
	Adams					4A
	Allen					5A
		ALLEN COUNTY AP	724298	40.708	-84.027	
	Ashland					5A
	Ashtabula					5A
		NORTHEAST OHIO	725256	41.778	-80.696	
	Athens					4A
		ALBANY	720397	39.211	-82.231	
	Auglaize					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Belmont					5A
	Brown					4A
	Butler					4A
		BUTLER COUNTY REGIONAL	725217	39.364	-84.525	
		MIDDLETOWN	722249	39.531	-84.395	
	Carroll					5A
	Champaign					5A
	Clark					5A
		BECKLEY	724295	39.84	-83.84	
	Clermont					4A
	Clinton					4A
		WILMINGTON NWS	724296	39.421	-83.822	
	Columbiana					5A
	Coshocton					5A
		COSHOCTON 8 NNE	745710	40.367	-81.783	
	Crawford					5A
	Cuyahoga					5A
		CLEVELAND BURKE LAKEFRONT	725245	41.518	-81.684	
		CLEVELAND HARBOR	997692	41.542	-81.637	
		CLEVELAND HOPKINS	725240	41.406	-81.852	
	Darke					5A
		DARKE COUNTY AP	720713	40.204	-84.532	
	Defiance					5A
		DEFIANCE	725254	41.338	-84.429	
	Delaware					5A
	Erie					5A
		HURON LIGHT	998001	41.401	-82.545	
	Fairfield					4A
		FAIRFIELD COUNTY AP	724294	39.756	-82.657	
	Fayette					4A
	Franklin					4A
		COLUMBUS GLENN	724280	39.991	-82.877	
		COLUMBUS RICKENBACKER	724285	39.817	-82.933	
		OHIO STATE UNIVERSITY	724288	40.078	-83.078	
	Fulton					5A
	Gallia					4A
	Geauga					5A
	Greene					4A
		WRIGHT-PATTERSON AFB	745700	39.833	-84.05	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Guernsey					4A
	Hamilton					4A
		CINCINNATI LUNKEN	724297	39.103	-84.419	
	Hancock					5A
		FINDLAY	725366	41.014	-83.669	
	Hardin					5A
	Harrison					5A
	Henry					5A
	Highland					4A
	Hocking					4A
	Holmes					5A
	Huron					5A
	Jackson					4A
	Jefferson					5A
	Knox					5A
		KNOX COUNTY AP	720414	40.333	-82.517	
	Lake					5A
	Lawrence					4A
	Licking					5A
		NEWARK-HEATH	725229	40.023	-82.463	
	Logan					5A
	Lorain					5A
		LORAIN COUNTY REGIONAL	725214	41.346	-82.179	
	Lucas					5A
		TOLEDO CGS	997295	41.694	-83.473	
		TOLEDO EXPRESS	725360	41.587	-83.806	
		TOLEDO LIGHT 2	997344	41.826	-83.194	
	Madison					4A
	Mahoning					5A
	Marion					5A
		MARION	725208	40.616	-83.064	
	Medina					5A
	Meigs					4A
	Mercer					5A
	Miami					5A
	Monroe					4A
	Montgomery					4A
		DAYTON INTL	724290	39.906	-84.219	
		DAYTON WRIGHT BROTHERS	724276	39.594	-84.226	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Morgan					4A
	Morrow					5A
	Muskingum					4A
		ZANESVILLE	724286	39.944	-81.892	
	Noble					4A
	Ottawa					5A
		MARBLEHEAD	997293	41.544	-82.731	
		SOUTH BASS ISLAND	994340	41.629	-82.841	
	Paulding					5A
	Perry					4A
	Pickaway					4A
	Pike					4A
	Portage					5A
		PORTAGE COUNTY REGIONAL	725253	41.217	-81.25	
	Preble					5A
	Putnam					5A
	Richland					5A
		MANSFIELD LAHM	724200	40.82	-82.518	
	Ross					4A
	Sandusky					5A
	Scioto					4A
	Seneca					5A
	Shelby					5A
	Stark					5A
	Summit					5A
		AKRON FULTON	724303	41.038	-81.464	
		AKRON-CANTON	725210	40.918	-81.444	
	Trumbull					5A
		YOUNGSTOWN-WARREN	725250	41.255	-80.674	
	Tuscarawas					5A
		CLEVER FIELD	725224	40.472	-81.424	
	Union					5A
		UNION COUNTY AP	720651	40.225	-83.352	
	Van Wert					5A
	Vinton					4A
	Warren					4A
	Washington					4A
	Wayne					5A
		WAYNE COUNTY AP	725216	40.873	-81.887	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Williams					5A
	Wood					5A
		TOLEDO EXECUTIVE	724287	41.563	-83.476	
	Wyandot					5A
Oklahoma (OK)						
	Adair					4A
	Alfalfa					4A
	Atoka					3A
		ATOKA	722051	34.398	-96.148	
	Beaver					4B
	Beckham					3A
	Blaine					4A
		WATONGA	720342	35.864	-98.421	
	Bryan					3A
		DURANT	742513	33.942	-96.394	
	Caddo					3A
	Canadian					3A
	Carter					3A
		ARDMORE	723529	34.147	-97.123	
	Cherokee					4A
		TAHLEQUAH	722199	35.929	-95.004	
	Choctaw					3A
	Cimarron					4B
	Cleveland					3A
		NORMAN NWS	723570	35.181	-97.438	
	Coal					3A
	Comanche					3A
		LAWTON FORT SILL NORTH	723550	34.65	-98.4	
		LAWTON FORT SILL SOUTH	723575	34.558	-98.417	
	Cotton					3A
	Craig					4A
	Creek					3A
	Custer					4A
		CLINTON	720356	35.538	-98.933	
		WEATHERFORD STAFFORD	722368	35.55	-98.667	
	Delaware					4A
		GROVE	722092	36.605	-94.738	
	Dewey					4A
	Ellis					4B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		GAGE	746410	36.297	-99.769	
	Garfield					4A
		VANCE AFB	723535	36.333	-97.917	
	Garvin					3A
		PAULS VALLEY	722173	34.711	-97.223	
	Grady					3A
		CHICKASHA	722071	35.096	-97.966	
	Grant					4A
	Greer					3A
	Harmon					3A
	Harper					4B
	Haskell					3A
	Hughes					3A
	Jackson					3A
		ALTUS AFB	723520	34.65	-99.267	
		ALTUS QUARTZ MT	720354	34.699	-99.338	
	Jefferson					3A
	Johnston					3A
	Kay					4A
		PONCA CITY	724530	36.737	-97.102	
	Kingfisher					3A
	Kiowa					3A
		HOBART	723525	34.989	-99.053	
	Latimer					3A
	Le Flore					3A
		POTEAU	722178	35.021	-94.621	
	Lincoln					3A
		CHANDLER	722099	35.724	-96.82	
	Logan					3A
		GUTHRIE	723537	35.852	-97.414	
	Love					3A
	Major					4A
	Marshall					3A
	Mayes					4A
	McClain					3A
	McCurtain					3A
		MCCURTAIN COUNTY AP	723759	33.909	-94.859	
	McIntosh					3A
	Murray					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Muskogee					3A
		MUSKOGEE-DAVIS	723556	35.657	-95.361	
	Noble					4A
	Nowata					4A
	Okfuskee					3A
	Oklahoma					3A
		OKLAHOMA CITY POST	723544	35.534	-97.647	
		OKLAHOMA CITY ROGERS	723530	35.389	-97.601	
		TINKER AFB	723540	35.417	-97.383	
	Okmulgee					3A
		OKMULGEE	722164	35.668	-95.949	
	Osage					4A
		BARTLESVILLE	723565	36.767	-96.017	
	Ottawa					4A
	Pawnee					4A
	Payne					4A
		CUSHING	720357	35.95	-96.773	
		STILLWATER	723545	36.162	-97.089	
		STILLWATER 2 W	746420	36.118	-97.091	
		STILLWATER 5 WNW	746430	36.135	-97.108	
	Pittsburg					3A
		MCALESTER	723566	34.882	-95.783	
	Pontotoc					3A
		ADA	722044	34.804	-96.671	
	Pottawatomie					3A
		SHAWNEE	722187	35.357	-96.943	
	Pushmataha					3A
	Roger Mills					4A
	Rogers					4A
		CLAREMORE	722091	36.294	-95.479	
	Seminole					3A
	Sequoyah					3A
		SALLISAW	722133	35.438	-94.803	
	Stephens					3A
		HALLIBURTON FIELD	722078	34.471	-97.96	
	Texas					4B
		GOODWELL 2 E	723580	36.599	-101.595	
		GUYMON	722095	36.682	-101.505	
	Tillman					3A

Table A-3 United States Stations and Climate Zones

State / County	Location	WMO #	Latitude	Longitude	Climate Zone
	FREDERICK	723528	34.344	-98.983	
Tulsa					3A
	TULSA INTL	723560	36.199	-95.887	
	TULSA JONES	723564	36.039	-95.984	
Wagoner					3A
Washington					4A
Washita					3A
	CLINTON SHERMAN	723526	35.357	-99.204	
Woods					4A
	ALVA	722052	36.773	-98.67	
Woodward					4A
	WEST WOODWARD	722152	36.437	-99.521	
Oregon (OR)					
Baker					6B
	BAKER CITY	726886	44.843	-117.809	
Benton					4C
	CORVALLIS	726945	44.5	-123.283	
	CORVALLIS 10 SSW	726960	44.419	-123.326	
Clackamas					4C
Clatsop					4C
	ASTORIA	727910	46.157	-123.883	
	ASTORIA TONGUE POINT	994011	46.207	-123.768	
Columbia					4C
	SCAPPOOSE	726836	45.773	-122.861	
Coos					4C
	CAPE ARAGO	994240	43.341	-124.375	
	COOS BAY 8 SW	726951	43.272	-124.319	
	NORTH BEND	726917	43.413	-124.244	
Crook					5B
Curry					4C
	BROOKINGS	725985	42.074	-124.29	
	PORT ORFORD	994031	42.739	-124.498	
Deschutes					5B
	BEND	720638	44.095	-121.2	
	REDMOND	726920	44.256	-121.139	
Douglas					4C
	ROSEBURG	726904	43.239	-123.355	
Gilliam					5B
Grant					5B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		GRANT COUNTY REGIONAL	726876	44.4	-118.967	
		JOHN DAY 35 WNW	726970	44.556	-119.646	
	Harney					6B
		BURNS	726830	43.595	-118.956	
		RILEY 10 WSW	727010	43.471	-119.692	
	Hood River					5B
	Jackson					4C
		MEDFORD	725970	42.377	-122.882	
	Jefferson					5B
	Josephine					4C
		SEXTON SUMMIT	725975	42.6	-123.366	
	Klamath					5B
		KLAMATH FALLS	725895	42.147	-121.724	
	Lake					6B
		LAKE COUNTY AP	725976	42.167	-120.4	
	Lane					4C
		EUGENE	726930	44.128	-123.221	
	Lincoln					4C
		NEWPORT MUNICIPAL	726950	44.583	-124.05	
		NEWPORT SOUTH BEACH HARBOR	994026	44.626	-124.045	
		NEWPORT SOUTH BEACH JETTY	994280	44.613	-124.067	
	Linn					4C
	Malheur					5B
		ONTARIO	726837	44.021	-117.013	
		ROME MET	726874	42.9	-117.65	
		ROME STATE	726875	42.591	-117.864	
	Marion					4C
		AURORA	726959	45.249	-122.769	
		SALEM	726940	44.905	-123.001	
	Morrow					5B
	Multnomah					4C
		PORTLAND INTL	726980	45.596	-122.609	
		PORTLAND TROUTDALE	726985	45.551	-122.409	
	Polk					4C
	Sherman					5B
	Tillamook					4C
		GARIBALDI TILLAMOOK	997706	45.555	-123.919	
		TILLAMOOK	720202	45.417	-123.817	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Umatilla					4B
		HERMISTON	726883	45.826	-119.261	
		MEACHAM	726885	45.511	-118.425	
		PENDLETON EASTERN OREGON	726880	45.698	-118.855	
	Union					5B
		LA GRANDE	726884	45.283	-118	
	Wallowa					5B
	Wasco					5B
	Washington					4C
		PORTLAND HILLSBORO	726986	45.541	-122.949	
	Wheeler					5B
	Yamhill					4C
		MCMINNVILLE	726881	45.195	-123.134	
Pennsylvania (PA)						
	Adams					4A
		RAVEN ROCK	722826	39.733	-77.433	
	Allegheny					4A
		ALLEGHENY COUNTY AP	725205	40.355	-79.922	
		PITTSBURGH INTL	725200	40.532	-80.217	
	Armstrong					5A
	Beaver					5A
	Bedford					5A
	Berks					4A
		READING	725103	40.373	-75.959	
	Blair					5A
		ALTOONA-BLAIR COUNTY AP	725126	40.296	-78.32	
	Bradford					5A
	Bucks					4A
		DOYLESTOWN	725113	40.33	-75.123	
		NEWBOLD	997698	40.137	-74.752	
		QUAKERTOWN	720324	40.435	-75.382	
	Butler					5A
		PITTSBURG-BUTLER	725124	40.777	-79.95	
	Cambria					5A
		JOHNSTOWN-CAMBRIA COUNTY AP	725127	40.316	-78.834	
	Cameron					5A
	Carbon					5A
	Centre					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		UNIVERSITY PARK	725128	40.85	-77.85	
	Chester					4A
		AVONDALE 2 N	725160	39.859	-75.786	
		CHESTER COUNTY AP	720408	39.983	-75.867	
	Clarion					5A
	Clearfield					5A
		CLEARFIELD-LAWRENCE TOWNSHIP	725119	41.047	-78.412	
	Clinton					5A
	Columbia					5A
	Crawford					5A
		PORT MEADVILLE	725104	41.626	-80.215	
	Cumberland					4A
	Dauphin					4A
		HARRISBURG	723990	40.196	-76.772	
	Delaware					4A
		PHILADELPHIA INTL	724080	39.873	-75.227	
	Elk					5A
	Erie					5A
		ERIE	725260	42.08	-80.182	
	Fayette					5A
	Forest					5A
	Franklin					4A
	Fulton					5A
	Greene					5A
	Huntingdon					5A
	Indiana					5A
		INDIANA COUNTY AP	725175	40.633	-79.1	
	Jefferson					5A
		DUBOIS	725125	41.179	-78.893	
	Juniata					5A
	Lackawanna					5A
	Lancaster					4A
		LANCASTER	725116	40.12	-76.294	
	Lawrence					5A
		NEW CASTLE	720378	41.033	-80.417	
	Lebanon					4A
		MUIR AAF	725144	40.433	-76.567	
	Lehigh					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		LEHIGH VALLEY	725170	40.65	-75.448	
	Luzerne					5A
		WILKES-BARRE SCRANTON	725130	41.334	-75.727	
	Lycoming					5A
		WILLIAMSPORT	725140	41.243	-76.922	
	McKean					5A
		BRADFORD	725266	41.8	-78.633	
	Mercer					5A
	Mifflin					5A
	Monroe					5A
		POCONO MOUNTAINS	725434	41.139	-75.379	
	Montgomery					4A
		LAFAYETTE HILL	720304	40.1	-75.267	
		POTTSTOWN	725109	40.238	-75.555	
		WILLOW GROVE NAS	724086	40.2	-75.15	
	Montour					5A
	Northampton					5A
	Northumberland					5A
	Perry					4A
	Philadelphia					4A
		NORTHEAST PHILADELPHIA	724085	40.079	-75.013	
		PHILADELPHIA HARBOR	997286	39.933	-75.142	
	Pike					5A
	Potter					5A
	Schuylkill					5A
	Snyder					5A
		PENN VALLEY	725105	40.821	-76.864	
	Somerset					5A
	Sullivan					5A
	Susquehanna					5A
	Tioga					5A
	Union					5A
	Venango					5A
		VENANGO	725267	41.383	-79.867	
	Warren					5A
	Washington					5A
		WASHINGTON COUNTY AP	725117	40.133	-80.283	
	Wayne					5A
	Westmoreland					5A

Table A-3 United States Stations and Climate Zones

State / County	Location	WMO #	Latitude	Longitude	Climate Zone
Wyoming					5A
York					4A
	CAPITAL CITY	725118	40.217	-76.851	
	YORK	725114	39.918	-76.874	
Rhode Island (RI)					
Bristol					4A
	CONIMUCUT LIGHT	997277	41.717	-71.345	
Kent					5A
	PROVIDENCE GREEN	725070	41.723	-71.433	
Newport					4A
	NEWPORT HARBOR	997285	41.504	-71.326	
	NEWPORT STATE	725079	41.533	-71.283	
	PRUDENCE ISLAND POTTER COVE	997294	41.637	-71.339	
Providence					4A
	NORTH CENTRAL STATE	725054	41.921	-71.491	
	PROVIDENCE HARBOR	997278	41.807	-71.401	
Washington					4A
	BLOCK ISLAND STATE	725058	41.168	-71.578	
	KINGSTON 1 NW	725110	41.491	-71.541	
	KINGSTON 1 W	725120	41.478	-71.542	
	QUONSET POINT	997288	41.586	-71.407	
	WESTERLY	722151	41.35	-71.799	
South Carolina (SC)					
Abbeville					3A
Aiken					3A
	AIKEN	720601	33.65	-81.683	
Allendale					3A
Anderson					3A
	ANDERSON	723190	34.498	-82.71	
Bamberg					3A
Barnwell					3A
	BARNWELL	720602	33.25	-81.383	
	BLACKVILLE 3 W	747840	33.355	-81.328	
Beaufort					2A
	BEAUFORT COUNTY AP	720612	32.412	-80.634	
	BEAUFORT MCAS	722085	32.483	-80.717	
Berkeley					3A
	BERKELEY COUNTY AP	720598	33.183	-80.033	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Calhoun					3A
	Charleston					2A
		CHARLESTON EXECUTIVE	720606	32.701	-80.003	
		CHARLESTON INTL	722080	32.895	-80.028	
		FOLLY ISLAND	994230	32.685	-79.888	
		MCCLELLANVILLE 7 NE	747850	33.153	-79.364	
	Cherokee					3A
	Chester					3A
		CHESTER CATAWBA	720599	34.783	-81.2	
	Chesterfield					3A
		CHERAW	720605	34.717	-79.95	
	Clarendon					3A
		SANTEE COOPER	723107	33.587	-80.209	
	Colleton					3A
		LOWCOUNTRY	720609	32.917	-80.633	
	Darlington					3A
		DARLINGTON COUNTY AP	723116	34.45	-79.883	
		HARTSVILLE	720633	34.4	-80.117	
	Dillon					3A
	Dorchester					3A
		SUMMERVILLE	720632	33.063	-80.279	
	Edgefield					3A
	Fairfield					3A
	Florence					3A
		FLORENCE	723106	34.188	-79.731	
	Georgetown					3A
		GEORGETOWN	747918	33.317	-79.317	
		OYSTER LANDING	998005	33.349	-79.189	
	Greenville					3A
		GREENVILLE DOWNTOWN	723119	34.846	-82.346	
	Greenwood					3A
		GREENWOOD COUNTY AP	723124	34.249	-82.159	
	Hampton					3A
	Horry					3A
		CONWAY-HORRY COUNTY AP	720613	33.828	-79.122	
		GRAND STRAND	747915	33.816	-78.72	
		MYRTLE BEACH	747910	33.683	-78.933	
	Jasper					2A
	Kershaw					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		LAKE WATEREE	998208	34.335	-80.702	
		WOODWARD FIELD	720603	34.283	-80.567	
	Lancaster					3A
		LANCASTER COUNTY AP	720607	34.717	-80.85	
	Laurens					3A
		LAURENS COUNTY AP	720597	34.5	-81.95	
	Lee					3A
	Lexington					3A
		COLUMBIA METRO	723100	33.942	-81.118	
	Marion					3A
		MARION COUNTY AP	720608	34.181	-79.335	
	Marlboro					3A
		MARLBORO COUNTY AP	720631	34.617	-79.733	
	McCormick					3A
	Newberry					3A
		NEWBERRY	720596	34.3	-81.633	
	Oconee					3A
		OCCONEE COUNTY AP	723118	34.672	-82.886	
	Orangeburg					3A
		ORANGEBURG	723115	33.462	-80.858	
	Pickens					3A
		PICKENS COUNTY AP	720744	34.817	-82.7	
	Richland					3A
		COLUMBIA OWENS	723104	33.971	-80.996	
		LAKE MURRAY	998177	34.107	-81.271	
		MCENTIRE JNGB	723105	33.921	-80.801	
	Saluda					3A
	Spartanburg					3A
		GREENVILLE-SPARTANBURG	723120	34.906	-82.213	
	Sumter					3A
		SHAW AFB	747900	33.967	-80.467	
		SUMTER	720611	34	-80.367	
	Union					3A
	Williamsburg					3A
		WILLIAMSBURG	720604	33.717	-79.85	
	York					3A
		ROCK HILL	723117	34.987	-81.058	
South Dakota (SD)						
	Aurora					5A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Beadle					6A
		HURON	726540	44.383	-98.217	
	Bennett					5A
	Bon Homme					5A
	Brookings					6A
		BROOKINGS	726515	44.3	-96.8	
	Brown					6A
		ABERDEEN	726590	45.443	-98.413	
	Brule					5A
		CHAMBERLAIN	726530	43.767	-99.318	
	Buffalo					6A
	Butte					6A
	Campbell					6A
	Charles Mix					5A
	Clark					6A
	Clay					5A
	Codington					6A
		WATERTOWN	726546	44.905	-97.149	
	Corson					6A
	Custer					6B
		CUSTER	726514	43.733	-103.611	
	Davison					5A
		MITCHELL	726545	43.774	-98.038	
	Day					6A
	Deuel					6A
	Dewey					6A
	Douglas					5A
	Edmunds					6A
	Fall River					5B
	Faulk					6A
	Grant					6A
	Gregory					5A
	Haakon					5B
		PHILIP	726516	44.051	-101.601	
	Hamlin					6A
	Hand					6A
	Hanson					6A
	Harding					6B
		BUFFALO	726627	45.604	-103.546	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		BUFFALO 13 ESE	726640	45.516	-103.302	
	Hughes					6A
		PIERRE	726560	44.381	-100.286	
	Hutchinson					5A
	Hyde					6A
	Jackson					5A
	Jerauld					6A
	Jones					5A
	Kingsbury					6A
	Lake					6A
		MADISON	720624	44.016	-97.086	
	Lawrence					6A
		BLACK HILLS	726605	44.483	-103.783	
	Lincoln					6A
	Lyman					5A
		PIERRE 24 S	726630	44.019	-100.353	
	Marshall					6A
	McCook					6A
	McPherson					6A
		ABERDEEN 35 WNW	726670	45.711	-99.13	
	Meade					5B
		ELLSWORTH AFB	726625	44.15	-103.1	
		FAITH	726539	45.032	-102.019	
	Mellette					5A
	Miner					6A
	Minnehaha					6A
		SIOUX FALLS	726510	43.578	-96.754	
		SIOUX FALLS 14 NNE	726600	43.735	-96.622	
		SIOUX FALLS CLIMATE	711680	43.734	-96.623	
	Moody					6A
	Oglala Lakota					5B
		PINE RIDGE	726517	43.021	-102.518	
	Pennington					5B
		RAPID CITY	726620	44.046	-103.054	
	Perkins					6A
	Potter					6A
	Roberts					6A
		SISSETON	726519	45.669	-96.991	
	Sanborn					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Spink					6A
	Stanley					6A
	Sully					6A
	Todd					5A
	Tripp					5A
		WINNER	726518	43.391	-99.842	
	Turner					6A
	Union					5A
	Walworth					6A
		MOBRIDGE	726685	45.546	-100.408	
	Yankton					5A
		YANKTON GURNEY	726525	42.917	-97.383	
	Ziebach					6B
Tennessee (TN)						
	Anderson					3A
		OAK RIDGE	724270	36.023	-84.234	
	Bedford					3A
	Benton					3A
	Bledsoe					4A
	Blount					3A
		KNOXVILLE TYSON	723260	35.818	-83.986	
	Bradley					3A
	Campbell					4A
	Cannon					3A
	Carroll					3A
	Carter					4A
	Cheatham					3A
	Chester					3A
	Claiborne					4A
	Clay					4A
	Cocke					4A
	Coffee					3A
	Crockett					3A
	Cumberland					4A
		CROSSVILLE	723250	35.951	-85.081	
		CROSSVILLE 7 NW	754330	36.014	-85.135	
	Davidson					3A
		NASHVILLE INTL	723270	36.119	-86.689	
	DeKalb					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Decatur					3A
	Dickson					3A
	Dyer					3A
		DYERSBURG	723347	36	-89.409	
	Fayette					3A
	Fentress					4A
	Franklin					3A
	Gibson					3A
	Giles					3A
	Grainger					4A
	Greene					4A
	Grundy					4A
	Hamblen					4A
	Hamilton					3A
		CHATTANOOGA	723240	35.034	-85.2	
	Hancock					4A
	Hardeman					3A
	Hardin					3A
	Hawkins					4A
	Haywood					3A
	Henderson					3A
	Henry					3A
	Hickman					3A
	Houston					3A
	Humphreys					3A
	Jackson					4A
	Jefferson					4A
	Johnson					4A
	Knox					3A
	Lake					3A
	Lauderdale					3A
	Lawrence					3A
	Lewis					3A
	Lincoln					3A
	Loudon					3A
	Macon					4A
	Madison					3A
		MCKELLAR-SIPES	723346	35.593	-88.917	
	Marion					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Marshall					3A
	Maury					3A
	McMinn					3A
	McNairy					3A
	Meigs					3A
	Monroe					4A
	Montgomery					4A
		CLARKSVILLE OUTLAW	723280	36.624	-87.419	
	Moore					3A
	Morgan					4A
	Obion					3A
	Overton					4A
	Perry					3A
	Pickett					4A
	Polk					4A
	Putnam					4A
	Rhea					3A
	Roane					3A
	Robertson					4A
	Rutherford					3A
		SMYRNA	723273	36.009	-86.52	
	Scott					4A
	Sequatchie					4A
	Sevier					4A
	Shelby					3A
		MEMPHIS INTL	723340	35.056	-89.987	
		MILLINGTON-MEMPHIS	723284	35.35	-89.867	
	Smith					4A
	Stewart					4A
	Sullivan					4A
		TRI-CITIES	723350	36.48	-82.399	
	Sumner					4A
	Tipton					3A
	Trousdale					4A
	Unicoi					4A
	Union					4A
	Van Buren					4A
	Warren					3A
	Washington					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Wayne					3A
	Weakley					3A
	White					4A
	Williamson					3A
	Wilson					4A
Texas (TX)						
	Anderson					2A
		PALESTINE	720314	31.78	-95.706	
		PALESTINE 6 WNW	747490	31.78	-95.723	
	Andrews					3B
	Angelina					2A
		ANGELINA COUNTY AP	722446	31.236	-94.754	
	Aransas					2A
		ARANSAS COUNTY AP	722524	28.084	-97.046	
		PORT ARANSAS 32 NNE	747470	28.305	-96.823	
	Archer					3A
	Armstrong					3B
	Atascosa					2A
		PLEASANTON	720395	28.95	-98.517	
	Austin					2A
	Bailey					4B
		MULESHOE 19 S	747270	33.956	-102.774	
	Bandera					2A
	Bastrop					2A
	Baylor					3A
	Bee					2A
		BEEVILLE CHASE FIELD	722556	28.367	-97.667	
		BEEVILLE MUNICIPAL	720391	28.363	-97.792	
	Bell					2A
		DRAUGHON-MILLER CENTRAL TEXAS	722577	31.15	-97.417	
		FT HOOD AAF	722570	31.133	-97.717	
		KILLEEN REGIONAL	722576	31.067	-97.833	
		KILLEEN SKYLARK	722575	31.083	-97.683	
	Bexar					2A
		LACKLAND AFB	722535	29.383	-98.583	
		RANDOLPH AFB	722536	29.533	-98.262	
		SAN ANTONIO INTL	722530	29.544	-98.484	
		SAN ANTONIO STINSON	722523	29.339	-98.472	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Blanco					2A
	Borden					3B
	Bosque					2A
	Bowie					3A
	Brazoria					2A
		FREEPORT	998189	28.936	-95.294	
		PEARLAND	722427	29.519	-95.242	
		TEXAS GULF COAST REGIONAL	722527	29.11	-95.462	
	Brazos					2A
		COLLEGE STATION EASTWOOD	747460	30.589	-96.365	
	Brewster					3B
		ALPINE	720151	30.383	-103.683	
		PANTHER JUNCTION 2 N	747280	29.348	-103.209	
	Briscoe					3B
	Brooks					2A
		BROOKS COUNTY AP	720269	27.207	-98.121	
	Brown					2A
		BROWNWOOD	722666	31.8	-98.95	
	Burleson					2A
		CALDWELL	723761	30.516	-96.704	
	Burnet					2A
		AUSTIN 33 NW	747440	30.622	-98.085	
		BURNET	722542	30.741	-98.235	
	Caldwell					2A
		SAN MARCOS	722539	29.891	-97.864	
	Calhoun					2A
		CALHOUN COUNTY AP	722209	28.654	-96.681	
	Callahan					3A
	Cameron					1A
		BROWNSVILLE	722500	25.917	-97.419	
		PORT ISABEL CAMERON COUNTY AP	722508	26.166	-97.346	
		PORT ISABEL HARBOR	997369	26.061	-97.215	
		VALLEY	722505	26.228	-97.654	
	Camp					3A
	Carson					3B
	Cass					2A
	Castro					4B
	Chambers					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Cherokee					2A
		CHEROKEE COUNTY AP	720298	31.869	-95.218	
	Childress					3B
		CHILDRESS	723660	34.427	-100.283	
	Clay					3A
	Cochran					3B
	Coke					2B
		BRONTE 11 NNE	747370	32.041	-100.249	
	Coleman					2A
		COLEMAN	720771	31.841	-99.404	
	Collin					3A
		MCKINNEY	722541	33.19	-96.591	
	Collingsworth					3B
	Colorado					2A
	Comal					2A
	Comanche					2A
		COMANCHE	747355	31.917	-98.6	
	Concho					2A
	Cooke					3A
		GAINESVILLE	722552	33.651	-97.197	
	Coryell					2A
		GATESVILLE	722323	31.421	-97.797	
	Cottle					3A
	Crane					2B
	Crockett					2B
		OZONA	720659	30.735	-101.203	
	Crosby					3A
	Culberson					3B
		PINE SPRINGS GUADALUPE PASS	722620	31.831	-104.807	
	Dallam					4B
	Dallas					2A
		DALLAS EXECUTIVE	722599	32.681	-96.868	
		DALLAS FORT WORTH	722590	32.898	-97.019	
		DALLAS HENSLEY FIELD	722585	32.733	-96.967	
		DALLAS LOVE FIELD	722580	32.852	-96.856	
		LANCASTER	722143	32.579	-96.719	
		MESQUITE	720291	32.747	-96.531	
	Dawson					3B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	DeWitt					2A
	Deaf Smith					4B
		HEREFORD	720393	34.85	-102.333	
	Delta					3A
	Denton					3A
		DENTON	722589	33.206	-97.199	
	Dickens					3A
	Dimmit					2B
	Donley					3B
	Duval					2A
	Eastland					3A
	Ector					3B
		ODESSA-SCHLEMEYER FIELD	722648	31.921	-102.387	
	Edwards					2A
		EDWARDS COUNTY AP	722363	29.947	-100.173	
	El Paso					3B
		EL PASO	722700	31.811	-106.376	
	Ellis					2A
		MID-WAY	720299	32.456	-96.913	
	Erath					2A
		STEPHENVILLE CLARK	722600	32.215	-98.178	
	Falls					2A
	Fannin					3A
	Fayette					2A
		FAYETTE REGIONAL	722554	29.908	-96.95	
	Fisher					3A
	Floyd					3B
	Foard					3A
	Fort Bend					2A
		HOUSTON SOUTHWEST	720637	29.5	-95.477	
		SUGAR LAND	722543	29.622	-95.657	
	Franklin					3A
	Freestone					2A
	Frio					2A
	Gaines					3B
		GAINES COUNTY AP	722107	32.675	-102.654	
	Galveston					2A
		EAGLE POINT	997361	29.481	-94.917	
		GALVESTON	722420	29.273	-94.859	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		GALVESTON BUOY 42035	996970	29.232	-94.413	
	Garza					3A
	Gillespie					2A
		GILLESPIE COUNTY AP	720323	30.243	-98.91	
	Glasscock					2B
	Goliad					2A
	Gonzales					2A
	Gray					3B
		PAMPA	720313	35.613	-100.996	
	Grayson					3A
		NORTH TEXAS REGIONAL	720287	33.714	-96.674	
	Gregg					2A
		EAST TEXAS	722470	32.385	-94.712	
	Grimes					2A
	Guadalupe					2A
		NEW BRAUNFELS	722416	29.709	-98.046	
	Hale					4B
		HALE COUNTY AP	722174	34.167	-101.717	
	Hall					3B
	Hamilton					2A
		HAMILTON	722231	31.666	-98.149	
	Hansford					4B
	Hardeman					3A
	Hardin					2A
	Harris					2A
		ELLINGTON FIELD	722436	29.617	-95.167	
		HOUSTON BUSH	722430	29.98	-95.36	
		HOUSTON DUNN	720594	29.717	-95.383	
		HOUSTON HOBBY	722440	29.638	-95.282	
		HOUSTON HOOKS	722429	30.068	-95.556	
		MORGANS POINT	997370	29.682	-94.985	
	Harrison					2A
		HARRISON COUNTY AP	720943	32.521	-94.308	
	Hartley					4B
		DALHART	747360	36.017	-102.55	
	Haskell					3A
	Hays					2A
	Hemphill					3B
		HEMPHILL COUNTY AP	722637	35.9	-100.4	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Henderson					2A
	Hidalgo					1B
		EDINBURG	720276	26.442	-98.129	
		EDINBURG 17 NNE	752550	26.526	-98.063	
		MCALLEN	722506	26.176	-98.24	
		MID VALLEY	722159	26.178	-97.973	
	Hill					2A
		HILLSBORO	720295	32.084	-97.097	
	Hockley					3B
	Hood					2A
		GRANBURY	720286	32.444	-97.817	
	Hopkins					2A
		SULPHUR SPRINGS	722362	33.167	-95.617	
	Houston					2A
	Howard					3B
		BIG SPRING	720271	32.213	-101.521	
	Hudspeth					3B
	Hunt					3A
		GREENVILLE MAJORS	722588	33.068	-96.065	
	Hutchinson					3B
		HUTCHINSON COUNTY AP	723635	35.695	-101.395	
	Irion					2A
	Jack					3A
	Jackson					2A
	Jasper					2A
		JASPER COUNTY AP	720296	30.886	-94.035	
	Jeff Davis					3B
	Jefferson					2A
		PORT ARTHUR	722410	29.951	-94.021	
		SABINE PASS	994260	29.683	-94.033	
		SABINE PASS NORTH	997368	29.728	-93.87	
	Jim Hogg					2A
		JIM HOGG COUNTY AP	722338	27.349	-98.737	
	Jim Wells					2A
		ALICE	722517	27.741	-98.025	
	Johnson					2A
		CLEBURNE	720320	32.354	-97.434	
	Jones					3A
	Karnes					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Kaufman					2A
		TERRELL	722489	32.71	-96.267	
	Kendall					2A
	Kenedy					2A
	Kent					3A
	Kerr					2A
		KERRVILLE	722537	29.983	-99.083	
	Kimble					2A
		KIMBLE COUNTY AP	747400	30.511	-99.766	
	King					3A
	Kinney					2B
	Kleberg					2A
		KINGSVILLE NAS	722516	27.5	-97.817	
	Knox					3A
	La Salle					2B
		COTULLA-LA SALLE COUNTY AP	722526	28.457	-99.218	
	Lamar					3A
		COX FIELD	722587	33.633	-95.45	
	Lamb					4B
	Lampasas					2A
		LAMPASAS	720647	31.106	-98.196	
	Lavaca					2A
	Lee					2A
		GIDDINGS LEE COUNTY AP	722113	30.169	-96.98	
	Leon					2A
	Liberty					2A
	Limestone					2A
	Lipscomb					4B
	Live Oak					2A
	Llano					2A
		HORSESHOE BAY	720639	30.533	-98.367	
		LLANO	720110	30.784	-98.662	
	Loving					2B
	Lubbock					3B
		LUBBOCK	722670	33.666	-101.823	
		REESE AFB	722675	33.6	-102.05	
	Lynn					3B
	Madison					2A
	Marion					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Martin					3B
	Mason					2A
	Matagorda					2A
		BAY CITY	720273	28.973	-95.863	
		PALACIOS	722555	28.725	-96.254	
	Maverick					2B
	McCulloch					2A
		CURTIS FIELD	723628	31.178	-99.324	
	McLennan					2A
		MCGREGOR	722563	31.485	-97.316	
		WACO	722560	31.619	-97.228	
	McMullen					2A
	Medina					2A
		HONDO	722533	29.36	-99.174	
	Menard					2A
	Midland					2B
		MIDLAND	722324	32.036	-102.101	
		MIDLAND INTL	722650	31.948	-102.209	
	Milam					2A
	Mills					2A
	Mitchell					3A
	Montague					3A
		BOWIE	720622	33.602	-97.776	
	Montgomery					2A
		CONROE-NORTH HOUSTON REGIONAL	722444	30.357	-95.414	
	Moore					4B
		MOORE COUNTY AP	722214	35.858	-102.013	
	Morris					3A
	Motley					3B
	Nacogdoches					2A
		NACOGDOCHES	722499	31.578	-94.709	
	Navarro					2A
		CORSICANA	722469	32.031	-96.399	
	Newton					2A
	Nolan					3A
		AVENGER FIELD	722192	32.473	-100.466	
	Nueces					2A
		CORPUS CHRISTI INTL	722510	27.774	-97.512	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		CORPUS CHRISTI NAS	722515	27.683	-97.283	
		MALAQUITE BEACH	997366	27.581	-97.216	
		MUSTANG BEACH	722008	27.812	-97.089	
		NUECES COUNTY AP	720316	27.779	-97.691	
		PORT ARANSAS PIER	994110	27.826	-97.051	
	Ochiltree					4B
		PERRYTON OCHILTREE COUNTY AP	720315	36.414	-100.75	
	Oldham					4B
	Orange					2A
		ORANGE COUNTY AP	723629	30.069	-93.804	
	Palo Pinto					3A
	Panola					2A
	Parker					3A
		MINERAL WELLS	722597	32.782	-98.06	
	Parmer					4B
	Pecos					2B
		FORT STOCKTON	722618	30.912	-102.917	
	Polk					2A
	Potter					4B
		AMARILLO NWS	723630	35.233	-101.709	
	Presidio					3B
		MARFA	722640	30.371	-104.017	
	Rains					2A
	Randall					4B
	Reagan					2B
	Real					2A
	Red River					3A
	Reeves					2B
		PECOS	722169	31.383	-103.511	
	Refugio					2A
	Roberts					3B
		PAMPA MESA VISTA	720626	35.883	-101.033	
	Robertson					2A
		HEARNE	720303	30.872	-96.622	
	Rockwall					3A
	Runnels					2B
	Rusk					2A
		RUSK COUNTY AP	720577	32.15	-94.85	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Sabine					2A
	San Augustine					2A
	San Jacinto					2A
	San Patricio					2A
		MCCAMPBELL-PORTIER	722369	27.917	-97.2	
	San Saba					2A
	Schleicher					2A
	Scurry					3A
		WINSTON FIELD	722122	32.693	-100.951	
	Shackelford					3A
	Shelby					2A
	Sherman					4B
	Smith					2A
		TYLER POUNDS	722448	32.354	-95.403	
	Somervell					2A
	Starr					1B
	Stephens					2A
		STEPHENS COUNTY AP	720578	32.717	-98.892	
	Sterling					3A
	Stonewall					3A
	Sutton					2B
		SONORA	747335	30.586	-100.649	
	Swisher					3B
	Tarrant					2A
		ARLINGTON	722479	32.664	-97.094	
		FORT WORTH ALLIANCE	722594	32.973	-97.318	
		FORT WORTH NAS	722595	32.767	-97.45	
		FT WORTH MEACHAM	747390	32.819	-97.361	
	Taylor					3A
		ABILENE	722660	32.411	-99.682	
		DYESS AFB	720965	32.433	-99.85	
	Terrell					2B
		SANDERSON	747300	30.167	-102.417	
		TERRELL COUNTY AP	722616	30.048	-102.213	
	Terry					3B
	Throckmorton					3A
	Titus					3A
		MT PLEASANT	720311	33.096	-94.961	
	Tom Green					2A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		SAN ANGELO	722630	31.352	-100.495	
	Travis					2A
		AUSTIN EXECUTIVE	720648	30.395	-97.567	
		AUSTIN-BERGSTROM	722540	30.183	-97.68	
		LAGO VISTA	720542	30.5	-97.967	
	Trinity					2A
	Tyler					2A
	Upshur					2A
		GILMER	722112	32.699	-94.949	
	Upton					2B
	Uvalde					2A
		GARNER FIELD	722202	29.211	-99.744	
	Val Verde					2B
		DEL RIO	722610	29.378	-100.927	
		LAUGHLIN AFB	722615	29.367	-100.783	
	Van Zandt					2A
	Victoria					2A
		VICTORIA	722550	28.861	-96.93	
	Walker					2A
		HUNTSVILLE	722447	30.744	-95.586	
	Waller					2A
		HOUSTON EXECUTIVE	720617	29.8	-95.9	
	Ward					2B
		MONAHANS 6 ENE	747290	31.622	-102.807	
	Washington					2A
		BRENHAM	722553	30.219	-96.374	
	Webb					1B
		LAREDO	722520	27.533	-99.467	
	Wharton					2A
		WHARTON	722351	29.254	-96.154	
	Wheeler					3B
	Wichita					3A
		WICHITA FALLS KICKAPOO	720404	33.858	-98.49	
		WICHITA FALLS SHEPPARD AFB	723510	33.979	-98.493	
	Wilbarger					3A
		WILBARGER COUNTY AP	720281	34.226	-99.284	
	Willacy					1A
	Williamson					2A
		GEORGETOWN	722547	30.679	-97.679	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Wilson					2A
	Winkler					2B
		WINKLER COUNTY AP	722656	31.78	-103.202	
	Wise					3A
		BRIDGEPORT	720261	33.175	-97.828	
		DECATUR	720305	33.254	-97.581	
	Wood					2A
		WOOD COUNTY AP	722042	32.742	-95.496	
	Yoakum					3B
	Young					3A
		GRAHAM	720318	33.11	-98.555	
	Zapata					1B
		ZAPATA COUNTY AP	720584	26.967	-99.25	
	Zavala					2B
Utah (UT)						
	Beaver					5B
		MILFORD	724750	38.417	-113.017	
	Box Elder					5B
		BRIGHAM CITY 28 WNW	725770	41.616	-112.544	
	Cache					5B
		LOGAN-CACHE	724796	41.787	-111.853	
	Carbon					5B
		CARBON COUNTY REGIONAL	724700	39.609	-110.755	
	Daggett					6B
	Davis					5B
		HILL AFB	725755	41.117	-111.967	
	Duchesne					6B
	Emery					5B
	Garfield					6B
		BRYCE CANYON	724756	37.706	-112.146	
	Grand					5B
		CANYONLANDS FIELD	724776	38.75	-109.763	
	Iron					5B
		CEDAR CITY	724755	37.709	-113.094	
	Juab					5B
	Kane					5B
	Millard					5B
	Morgan					6B
	Piute					5B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Rich					6B
	Salt Lake					4B
		SALT LAKE CITY INTL	725720	40.778	-111.969	
	San Juan					5B
		BLANDING	724723	37.583	-109.483	
	Sanpete					5B
	Sevier					5B
	Summit					6B
	Tooele					5B
		WENDOVER	725810	40.721	-114.036	
	Uintah					5B
		VERNAL	725705	40.443	-109.513	
	Utah					5B
		PROVO	725724	40.219	-111.723	
	Wasatch					6B
		HEBER VALLEY	720565	40.482	-111.429	
	Washington					3B
		ST GEORGE	724754	37.091	-113.593	
	Wayne					5B
		HANKSVILLE	724733	38.417	-110.7	
		TORREY 7 E	755710	38.303	-111.293	
	Weber					5B
		OGDEN-HINCKLEY	725750	41.196	-112.011	
Vermont (VT)						
	Addison					6A
	Bennington					5A
		BENNINGTON MORSE	726166	42.891	-73.247	
	Caledonia					6A
		CALEDONIA COUNTY AP	720492	44.567	-72.017	
		ST JOHNSBURY	726140	44.42	-72.019	
	Chittenden					5A
		BURLINGTON INTL	726170	44.468	-73.15	
	Essex					6A
	Franklin					6A
		FRANKLIN COUNTY AP	720494	44.933	-73.1	
	Grand Isle					6A
	Lamoille					6A
		MORRISVILLE-STOWE	726114	44.534	-72.614	
	Orange					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Orleans					6A
		NEWPORT	720493	44.883	-72.233	
	Rutland					6A
		RUTLAND SOUTHERN VERMONT	725165	43.533	-72.95	
	Washington					6A
		BARRE KNAPP	726145	44.204	-72.562	
	Windham					5A
	Windsor					6A
		HARTNES STATE	726115	43.344	-72.518	
Virginia (VA)						
	Accomack					4A
		ACCOMACK COUNTY AP	724026	37.647	-75.761	
		NASA WALLOPS	724020	37.937	-75.466	
	Albemarle					4A
		CHARLOTTESVILLE 2 SSE	746010	37.998	-78.466	
		CHARLOTTESVILLE-ALBEMARLE	724016	38.137	-78.455	
	Alexandria					4A
	Alleghany					4A
	Amelia					4A
	Amherst					4A
	Appomattox					4A
	Arlington					4A
		WASHINGTON RONALD REAGAN	724050	38.847	-77.035	
	Augusta					4A
		SHENANDOAH VALLEY	724105	38.264	-78.896	
	Bath					5A
		INGALLS FIELD	724115	37.95	-79.833	
	Bedford					4A
	Bland					4A
	Botetourt					4A
	Bristol					4A
	Brunswick					3A
	Buchanan					4A
	Buckingham					4A
	Buena Vista					4A
	Campbell					4A
		LYNCHBURG	724100	37.321	-79.207	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Caroline					4A
	Carroll					4A
		TWIN COUNTY AP	724107	36.766	-80.823	
	Charles City					4A
	Charlotte					4A
	Charlottesville					4A
	Chesapeake					3A
		CHESAPEAKE	724006	36.666	-76.321	
		CHESAPEAKE MONEY POINT	997305	36.778	-76.302	
		FENTRESS NALF	725172	36.695	-76.136	
	Chesterfield					4A
	Clarke					4A
	Colonial Heights					4A
	Covington					4A
	Craig					4A
	Culpeper					4A
		CULPEPER	723098	38.527	-77.859	
	Cumberland					4A
		FARMVILLE	724017	37.358	-78.438	
	Danville					4A
		DANVILLE	724106	36.573	-79.335	
	Dickenson					4A
	Dinwiddie					4A
		DINWIDDIE	724014	37.183	-77.5	
	Emporia					4A
	Essex					4A
		TAPPAHANNOCK-ESSEX COUNTY AP	720501	37.85	-76.883	
	Fairfax					4A
	Fairfax					4A
		DAVISON AAF	724037	38.717	-77.183	
	Falls Church					4A
	Fauquier					4A
		WARRENTON-FAUQUIER	722692	38.586	-77.711	
	Floyd					4A
	Fluvanna					4A
	Franklin					3A
	Franklin					4A
	Frederick					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		WINCHESTER	724053	39.143	-78.144	
	Fredericksburg					4A
	Galax					4A
	Giles					4A
	Gloucester					3A
		YORK RIVER EAST RANGE LIGHT	997708	37.251	-76.342	
	Goochland					4A
	Grayson					4A
	Greene					4A
	Greensville					4A
		EMPORIA-GREENSVILLE	720278	36.687	-77.483	
	Halifax					4A
	Hampton					3A
		LANGLEY AFB	745980	37.083	-76.36	
	Hanover					4A
		HANOVER COUNTY MUNICIPAL	723084	37.708	-77.434	
	Harrisonburg					4A
	Henrico					4A
		RICHMOND	724010	37.512	-77.323	
	Henry					4A
		BLUE RIDGE	745985	36.631	-80.018	
	Highland					5A
	Hopewell					4A
	Isle of Wight					3A
		FRANKLIN	723083	36.698	-76.903	
	James City					3A
		WILLIAMSBURG JAMESTOWN	720297	37.239	-76.716	
	King George					4A
	King William					4A
	King and Queen					3A
		MIDDLE PENINSULA	720285	37.521	-76.765	
	Lancaster					4A
	Lee					4A
	Lexington					4A
	Loudoun					4A
		LESSBURG	724055	39.078	-77.558	
		WASHINGTON DULLES	724030	38.977	-77.486	
	Louisa					4A
		LOUISA COUNTY AP	723114	38.01	-77.97	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Lunenburg					4A
	Lynchburg					4A
	Madison					4A
	Manassas					4A
		MANASSAS	724036	38.721	-77.515	
	Manassas Park					4A
	Martinsville					4A
	Mathews					3A
	Mecklenburg					3A
		MECKLENBURG-BRUNSWICK	724118	36.688	-78.054	
	Middlesex					3A
	Montgomery					4A
		VIRGINIA TECH MONTGOMERY	724113	37.208	-80.408	
	Nelson					4A
	New Kent					4A
	Newport News					3A
		FELKER AAF	723087	37.133	-76.6	
		NEWPORT NEWS DOMINION TERM	997782	36.962	-76.424	
		NEWPORT NEWS WILLIAMSBURG	723086	37.132	-76.493	
	Norfolk					3A
		NORFOLK INTL	723080	36.903	-76.192	
		NORFOLK NAS	723085	36.937	-76.289	
	Northampton					4A
		CAPE CHARLES 5 ENE	745900	37.291	-75.927	
		CHESAPEAKE BAY BRIDGE TUNNEL	997299	37.036	-76.077	
	Northumberland					4A
		LEWISETTA	997304	37.995	-76.465	
	Norton					4A
	Nottoway					4A
	Orange					4A
		ORANGE COUNTY AP	722167	38.247	-78.046	
	Page					4A
	Patrick					4A
	Petersburg					4A
	Pittsylvania					4A
	Poquoson					3A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Portsmouth					3A
	Powhatan					4A
	Prince Edward					4A
	Prince George					4A
	Prince William					4A
	Pulaski					4A
		NEW RIVER VALLEY	724116	37.133	-80.683	
	Radford					4A
	Rappahannock					4A
	Richmond					4A
	Richmond					4A
	Roanoke					4A
	Roanoke					4A
		ROANOKE-BLACKSBURG	724110	37.317	-79.974	
	Rockbridge					4A
	Rockingham					4A
	Russell					4A
	Salem					4A
	Scott					4A
	Shenandoah					4A
	Smyth					4A
		MOUNTIAN EMPIRE	724056	36.895	-81.35	
	Southampton					3A
	Spotsylvania					4A
		SHANNON	724033	38.267	-77.449	
	Stafford					4A
		QUANTICO MCAF	724035	38.504	-77.305	
		STAFFORD	720317	38.398	-77.456	
	Staunton					4A
	Suffolk					3A
		SUFFOLK	724007	36.682	-76.602	
	Surry					3A
	Sussex					3A
		WAKEFIELD	724019	36.983	-77.001	
	Tazewell					4A
		TAZEWELL COUNTY AP	720264	37.064	-81.798	
	Virginia Beach					3A
		CAPE HENRY LH	997691	36.927	-76.007	
		OCEANA NAS	723075	36.817	-76.033	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Warren					4A
	Washington					4A
		VIRGINIA HIGHLANDS	724058	36.683	-82.033	
	Waynesboro					4A
	Westmoreland					4A
	Williamsburg					3A
	Winchester					4A
	Wise					4A
		LONESOME PINE	724117	36.988	-82.53	
	Wythe					4A
	York					3A
		YORKTOWN USCG	997315	37.227	-76.479	
Washington (WA)						
	Adams					5B
	Asotin					4B
	Benton					4B
		HANFORD	727840	46.567	-119.6	
	Chelan					5B
	Clallam					5C
		CAPE FLATTERY LH	994300	48.392	-124.737	
		LA PUSH	997696	47.913	-124.637	
		NEW DUNGENESS BUOY 46088	997207	48.332	-123.179	
		PORT ANGELES FAIRCHILD	727885	48.12	-123.498	
		QUILLAYUTE	727970	47.938	-124.555	
	Clark					4C
		VANCOUVER PEARSON	727918	45.621	-122.657	
	Columbia					5B
	Cowlitz					4C
		KELSO-LONGVIEW	727924	46.117	-122.894	
	Douglas					5B
		WENATCHEE PANGBORN	727825	47.398	-120.201	
	Ferry					6B
	Franklin					4B
		PASCO TRI-CITIES	727845	46.267	-119.117	
	Garfield					5B
	Grant					5B
		EPHRATA	727900	47.308	-119.515	
		GRANT COUNTY INTL	727827	47.208	-119.319	
	Grays Harbor					4C

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		HOQUIAM BOWERMAN	727923	46.973	-123.93	
		QUINAULT 4 NE	742030	47.514	-123.812	
	Island					5C
		SMITH ISLAND	994180	48.321	-122.831	
		WHIDBEY ISLAND NAS	720749	48.35	-122.667	
	Jefferson					5C
		DESTRUCTION ISLAND	994070	47.674	-124.487	
		PORT TOWNSEND HARBOR	994025	48.111	-122.76	
	King					4C
		SEATTLE HARBOR	994014	47.603	-122.339	
		SEATTLE KING COUNTY INTL	727935	47.53	-122.301	
		SEATTLE RENTON	727934	47.493	-122.214	
		SEATTLE TACOMA	727930	47.444	-122.314	
		SEATTLE WEST POINT	994350	47.662	-122.435	
	Kitsap					5C
		BREMERTON	727928	47.483	-122.767	
	Kittitas					5B
		BOWERS FIELD	727883	47.034	-120.53	
		STAMPASS PASS	727815	47.277	-121.337	
	Klickitat					5B
		COLUMBIA GORGE	726988	45.619	-121.166	
	Lewis					4C
		CHEHALIS	720254	46.683	-122.983	
	Lincoln					5B
	Mason					4C
		SANDERSON FIELD	727925	47.238	-123.141	
	Okanogan					5B
		OMAK	727890	48.464	-119.517	
	Pacific					4C
		TOKE POINT	994029	46.707	-123.967	
	Pend Oreille					6B
	Pierce					4C
		GRAY AFF	742071	47.083	-122.583	
		MCCHORD AFB	742060	47.15	-122.483	
		PIERCE COUNTY AP	720388	47.104	-122.287	
		TACOMA NARROWS	727938	47.268	-122.576	
	San Juan					5C
		FRIDAY HARBOR	727985	48.522	-123.023	
		ORCAS ISLAND	722208	48.708	-122.911	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Skagit					4C
		DARRINGTON 21 NNE	742020	48.541	-121.446	
		PADILLA BAY RESERVE	998007	48.467	-122.467	
		SKAGIT	720272	48.467	-122.417	
	Skamania					5B
	Snohomish					4C
		ARLINGTON	727945	48.161	-122.159	
		SEATTLE PAINE	727937	47.908	-122.28	
	Spokane					5B
		DEER PARK	727870	47.974	-117.429	
		FAIRCHILD AFB	727855	47.633	-117.65	
		SPOKANE 17 SSW	742040	47.417	-117.526	
		SPOKANE FELTS FIELD	727856	47.683	-117.321	
		SPOKANE INTL	727850	47.622	-117.528	
	Stevens					6B
	Thurston					4C
		OLYMPIA	727920	46.973	-122.903	
	Wahkiakum					4C
	Walla Walla					5B
		WALLA WALLA	727846	46.095	-118.287	
	Whatcom					4C
		BELLINGHAM	727976	48.794	-122.537	
	Whitman					5B
		PULLMAN-MOSCOW	727857	46.744	-117.109	
	Yakima					5B
		YAKIMA	727810	46.568	-120.543	
West Virginia (WV)						
	Barbour					4A
	Berkeley					4A
		EASTERN WEST VIRGINIA	724177	39.402	-77.984	
	Boone					4A
	Braxton					4A
	Brooke					5A
	Cabell					4A
	Calhoun					4A
	Clay					4A
	Doddridge					4A
	Fayette					4A
	Gilmer					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Grant					4A
		GRANT COUNTY AP	724165	38.994	-79.144	
	Greenbrier					5A
		GREENBRIER VALLEY	724127	37.867	-80.4	
	Hampshire					4A
	Hancock					5A
	Hardy					4A
	Harrison					4A
		NORTH CENTRAL WEST VIRGINIA	724175	39.296	-80.229	
	Jackson					4A
	Jefferson					4A
	Kanawha					4A
		YEAGER	724140	38.379	-81.59	
	Lewis					4A
	Lincoln					4A
	Logan					4A
	Marion					4A
	Marshall					5A
	Mason					4A
		MASON COUNTY AP	742079	38.915	-82.099	
	McDowell					4A
	Mercer					4A
		MERCER COUNTY AP	724125	37.298	-81.204	
	Mineral					4A
		GREATER CUMBERLAND	720355	39.617	-78.767	
	Mingo					4A
	Monongalia					4A
		MORGANTOWN	724176	39.643	-79.916	
	Monroe					4A
	Morgan					4A
	Nicholas					4A
	Ohio					5A
		WHEELING OHIO COUNTY AP	724275	40.176	-80.647	
	Pendleton					5A
	Pleasants					4A
	Pocahontas					5A
	Preston					4A
	Putnam					4A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Raleigh					4A
		RALEIGH COUNTY AP	724120	37.784	-81.123	
	Randolph					5A
		ELKINS RANDOLPH COUNTY AP	724170	38.89	-79.855	
	Ritchie					4A
	Roane					4A
	Summers					4A
	Taylor					4A
	Tucker					5A
		ELKINS 21 ENE	724370	39.013	-79.474	
	Tyler					4A
	Upshur					4A
		UPSHUR COUNTY REGIONAL	720328	39	-80.274	
	Wayne					4A
		HUNTINGTON TRI-STATE	724250	38.365	-82.555	
	Webster					4A
	Wetzel					4A
	Wirt					4A
	Wood					4A
		MID-OHIO VALLEY	724273	39.345	-81.439	
	Wyoming					4A
		KEE FIELD	720160	37.601	-81.559	
Wisconsin (WI)						
	Adams					6A
	Ashland					6A
		ASHLAND JFK	726419	46.549	-90.919	
		DEVILS ISLAND	994190	47.08	-90.728	
	Barron					6A
		CUMBERLAND	720929	45.506	-91.981	
		RICE LAKE	726467	45.419	-91.773	
	Bayfield					6A
	Brown					6A
		GREEN BAY STRAUBEL	726450	44.479	-88.137	
	Buffalo					6A
	Burnett					6A
		BURNETT COUNTY AP	722183	45.823	-92.373	
	Calumet					6A
	Chippewa					6A
		CHIPPEWA VALLEY	726435	44.867	-91.488	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
	Clark					6A
	Columbia					5A
	Crawford					5A
		PRAIRIE DU CHIEN	726444	43.019	-91.124	
	Dane					5A
		DANE COUNTY REGIONAL	726410	43.141	-89.345	
	Dodge					5A
		DODGE COUNTY AP	726509	43.426	-88.703	
	Door					6A
		DOOR COUNTY CHERRYLAND AP	726458	44.85	-87.417	
		NORTHPORT PIER AT DEATHS DOOR	994973	45.291	-86.977	
	Douglas					6A
		SUPERIOR BONG	726427	46.689	-92.094	
	Dunn					6A
		MENOMONIE	720327	44.892	-91.868	
	Eau Claire					6A
	Florence					6A
	Fond du Lac					5A
		FOND DU LAC	726506	43.769	-88.491	
	Forest					6A
	Grant					5A
		BOSCOBEL	726438	43.156	-90.678	
		PLATTEVILLE	720586	42.689	-90.444	
	Green					5A
		MONROE	726414	42.615	-89.591	
	Green Lake					5A
	Iowa					5A
		IOWA COUNTY AP	726507	42.887	-90.236	
	Iron					6A
	Jackson					6A
		BLACK RIVER FALLS AREA	720859	44.251	-90.855	
	Jefferson					5A
		WATERTOWN	726464	43.167	-88.717	
	Juneau					6A
		NECEDAH 5 WNW	743580	44.06	-90.174	
	Kenosha					5A
		KENOSHA AP	726505	42.595	-87.938	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		KENOSHA LH	997340	42.589	-87.808	
	Kewaunee					6A
		KEWAUNEE	997741	44.465	-87.496	
	La Crosse					5A
		LA CROSSE	726430	43.879	-91.253	
	Lafayette					5A
	Langlade					6A
		LANGLADE COUNTY AP	726626	45.154	-89.111	
	Lincoln					6A
		MERRILL	726449	45.199	-89.711	
		TOMAHAWK	722332	45.469	-89.806	
	Manitowoc					6A
		MANITOWOC COUNTY AP	726455	44.133	-87.667	
	Marathon					6A
		CENTRAL WISCONSIN	726465	44.783	-89.667	
		WAUSAU	726463	44.929	-89.628	
	Marinette					6A
	Marquette					5A
	Menominee					6A
	Milwaukee					5A
		MILWAUKEE MITCHELL	726400	42.955	-87.904	
	Monroe					6A
		SPARTA FORT MCCOY	726437	43.967	-90.733	
	Oconto					6A
	Oneida					6A
		RHINELANDER	727415	45.631	-89.482	
	Outagamie					6A
		APPLETON	726457	44.267	-88.517	
	Ozaukee					5A
		PORT WASHINGTON	997736	43.388	-87.867	
	Pepin					6A
	Pierce					6A
		RED WING	726564	44.589	-92.485	
	Polk					6A
		OSCEOLA	726418	45.308	-92.69	
	Portage					6A
		STEVENS POINT	726426	44.55	-89.533	
	Price					6A
		PARK FALLS	727410	45.955	-90.424	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		PRICE COUNTY AP	726468	45.709	-90.402	
	Racine					5A
		BURLINGTON	722059	42.69	-88.304	
		RACINE BATTEN	726424	42.761	-87.814	
	Richland					5A
	Rock					5A
	Rusk					6A
		RUSK COUNTY AP	723758	45.497	-91.001	
	Sauk					5A
		BARABOO WISCONSIN DELLS	726503	43.522	-89.774	
		TRI-COUNTY REGIONAL	726416	43.212	-90.181	
	Sawyer					6A
		SAWYER COUNTY AP	726508	46.026	-91.444	
	Shawano					6A
		SHAWANO	720589	44.783	-88.55	
	Sheboygan					6A
		SHEBOYGAN	994330	43.749	-87.693	
		SHEBOYGAN COUNTY AP	726425	43.769	-87.851	
	St. Croix					6A
		NEW RICHMOND	722179	45.15	-92.533	
	Taylor					6A
		TAYLOR COUNTY AP	726417	45.101	-90.303	
	Trempealeau					6A
	Vernon					5A
	Vilas					6A
		EAGLE RIVER	726504	45.932	-89.269	
		KING'S LAND O'LAKES	723123	46.15	-89.217	
		WOODRUFF LAKELAND	726404	45.928	-89.731	
	Walworth					5A
	Washburn					6A
	Washington					6A
		WEST BEND	726413	43.417	-88.133	
	Waukesha					5A
	Waupaca					6A
		CLINTONVILLE	726502	44.614	-88.731	
		WAUPACA	720343	44.333	-89.02	
	Waushara					6A
		WAUTOMA	720398	44.042	-89.304	
	Winnebago					6A

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		OSHKOSH WHITTMAN	726456	43.984	-88.557	
	Wood					6A
		MARSHFIELD	726574	44.638	-90.188	
		SOUTH WOOD COUNTY AP	726452	44.359	-89.837	
Wyoming (WY)						
	Albany					6B
		LARAMIE	725645	41.317	-105.683	
	Big Horn					6B
		GREYBULL	726667	44.517	-108.082	
	Campbell					6B
		GILLETTE NORTHEAST WYOMING	726650	44.339	-105.542	
	Carbon					6B
		RAWLINS	726690	41.806	-107.2	
	Converse					6B
		CONVERSE COUNTY AP	725686	42.796	-105.38	
	Crook					6B
		SUNDANCE 8 NNW	755750	44.517	-104.436	
	Fremont					6B
		HUNT FIELD	725760	42.815	-108.726	
		LANDER 11 SSE	725730	42.675	-108.669	
		RIVERTON	726720	43.065	-108.477	
	Goshen					5B
		TORRINGTON	725763	42.061	-104.158	
	Hot Springs					6B
	Johnson					6B
		BUFFALO JOHNSON COUNTY AP	726654	44.381	-106.721	
	Laramie					5B
		CHEYENNE	725640	41.158	-104.807	
	Lincoln					7
	Natrona					6B
		CASPER NATRONA COUNTY INTL	725690	42.898	-106.474	
	Niobrara					6B
	Park					6B
		YELLOWSTONE REGIONAL	726700	44.517	-109.017	
	Platte					5B
	Sheridan					6B

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		SHERIDAN	726660	44.769	-106.969	
	Sublette					7
		BIG PINEY-MARBLETON	726710	42.584	-110.108	
		RALPH WENZ FIELD	720345	42.796	-109.807	
	Sweetwater					6B
		SOUTHWEST WYOMING	725744	41.595	-109.053	
	Teton					7
		JACKSON HOLE	725776	43.6	-110.733	
		MOOSE 1 NNE	725740	43.661	-110.712	
		YELLOWSTONE	726664	44.544	-110.421	
	Uinta					6B
		EVANSTON	725775	41.273	-111.031	
	Washakie					6B
		WORLAND	726665	43.966	-107.951	
	Weston					6B
Environmental Buoys						
		BERING SEA BUOY 46035	992820	57.016	-177.703	
		CANAVERAL EAST BUOY 41010	995460	28.878	-78.485	
		CAPE ELIZABETH BUOY 46041	994980	47.353	-124.742	
		CAPE SAN MARTIN BUOY 46028	992380	35.774	-121.905	
		CHESAPEAKE LIGHT	994020	36.91	-75.71	
		COL RIVER BAR BUOY 46029	992370	46.143	-124.485	
		CORPUS CHRISTI BUOY 42020	996190	26.968	-96.693	
		DELAWARE BAY BUOY 44009	992400	38.457	-74.702	
		DIAMOND SHOALS BUOY 41025	997040	35.025	-75.363	
		EAST GULF BUOY 42003	992440	25.925	-85.615	
		EDISTO BUOY 41004	992730	32.501	-79.099	
		FAIRWEATHER GROUND BUOY 46083	996220	58.3	-137.997	
		FRYING PAN SHOALS BUOY 41013	997030	33.436	-77.743	
		GEORGES BANK BUOY 44011	992360	41.07	-66.588	
		GRAYS REEF BUOY 41008	997010	31.4	-80.868	
		GULF OF AK BUOY 46001	992030	56.232	-147.949	
		GULF OF MAINE BUOY 44005	992760	43.201	-69.128	
		HALF MOON BAY BUOY 46012	992480	37.356	-122.881	
		HOTEL BUOY 44004	992070	38.484	-70.433	

Table A-3 United States Stations and Climate Zones

State	County	Location	WMO #	Latitude	Longitude	Climate Zone
		JORDAN BASIN BUOY 44037	997183	43.497	-67.876	
		LONG ISLAND BUOY 44025	996420	40.251	-73.164	
		LUKE OFFSHORE BUOY 42040	995000	29.208	-88.226	
		MID GULF BUOY 42001	992040	25.942	-89.657	
		MONTEREY BUOY 46042	992410	36.785	-122.398	
		NANTUCKET BUOY 44008	992790	40.504	-69.248	
		NORTH EQUATORIAL 2 BUOY 41041	997397	14.5	-46	
		NW HAWAII BUOY 51001	992020	24.453	-162	
		OREGON BUOY 46002	992160	42.612	-130.537	
		PENSACOLA BUOY 42039	995470	28.788	-86.008	
		PT ARGUELLO BUOY 46023	992580	34.714	-120.967	
		ROOSEVELT ROADS	785350	18.255	-65.641	
		SOUTH ALEUTIANS BUOY 46003	992170	51.831	-155.85	
		SOUTH HATTERAS BUOY 41002	992150	31.887	-74.921	
		SOUTH KODIAK BUOY 46066	996610	52.765	-155.009	
		SOUTHEAST HAWAII BUOY 51004	992620	17.533	-152.255	
		SOUTHEAST PAPA BUOY 46006	992200	40.782	-137.397	
		SOUTHWEST HAWAII BUOY 51002	992430	17.043	-157.742	
		ST AUGUSTINE BUOY 41012	996350	30.042	-80.534	
		STONEWALL BANK BUOY 46050	996760	44.677	-124.515	
		TANNER BANKS BUOY 46047	996740	32.404	-119.506	
		VIRGINIA BEACH BUOY 44014	996300	36.606	-74.84	
		WASHINGTON BUOY 46005	992210	46.134	-131.079	
		WEST GULF BUOY 42002	992710	26.055	-93.646	
		WEST HAWAII BUOY 51003	992610	19.175	-160.625	
		WEST TAMPA BUOY 42036	995910	28.501	-84.516	

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Alabama (AL)	
Autauga	3A
Baldwin	2A
Barbour	2A
Bibb	3A
Blount	3A
Bullock	3A
Butler	3A
Calhoun	3A
Chambers	3A
Cherokee	3A
Chilton	3A
Choctaw	3A
Clarke	3A
Clay	3A
Cleburne	3A
Coffee	2A
Colbert	3A
Conecuh	3A
Coosa	3A
Covington	2A
Crenshaw	3A
Cullman	3A
Dale	2A
Dallas	3A
DeKalb	3A
Elmore	3A
Escambia	3A
Etowah	3A
Fayette	3A
Franklin	3A
Geneva	2A
Greene	3A
Hale	3A
Henry	2A
Houston	2A
Jackson	3A
Jefferson	3A
Lamar	3A
Lauderdale	3A
Lawrence	3A
Lee	3A
Limestone	3A
Lowndes	3A
Macon	3A
Madison	3A
Marengo	3A
Marion	3A
Marshall	3A
Mobile	2A
Monroe	3A
Montgomery	2A
Morgan	3A
Perry	3A
Pickens	3A
Pike	3A
Randolph	3A
Russell	3A
Shelby	3A
St. Clair	3A
Sumter	3A
Talladega	3A
Tallapoosa	3A
Tuscaloosa	3A
Walker	3A
Washington	3A
Wilcox	3A
Winston	3A
Alaska (AK)	
Aleutians East	7
Aleutians West	6A
Anchorage	7
Bethel	7
Bristol Bay	7
Denali	8
Dillingham	7
Fairbanks North Star	8
Haines	6A
Hoonah-Angoon	6A
Juneau	6A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Alaska (AK)	
Kenai Peninsula	7
Ketchikan Gateway	5C
Kodiak Island	6B
Kusilvak	8
Lake and Peninsula	7
Matanuska-Susitna	7
Nome	8
North Slope	8
Northwest Arctic	8
Petersburg	6A
Prince of Wales-Hyder	5C
Sitka	6A
Skagway	6A
Southeast Fairbanks	8
Valdez-Cordova	7
Wrangell	6A
Yakutat	6A
Yukon-Koyukuk	8
Arizona (AZ)	
Apache	4B
Cochise	3B
Coconino	5B
Gila	4B
Graham	2B
Greenlee	3B
La Paz	1B
Maricopa	1B
Mohave	3B
Navajo	4B
Pima	2B
Pinal	2B
Santa Cruz	3B
Yavapai	4B
Yuma	1B
Arkansas (AR)	
Arkansas	3A
Ashley	3A
Baxter	4A
Benton	4A
Boone	4A
Bradley	3A
Calhoun	3A
Carroll	4A
Chicot	3A
Clark	3A
Clay	3A
Cleburne	3A
Cleveland	3A
Columbia	3A
Conway	3A
Craighead	3A
Crawford	3A
Crittenden	3A
Cross	3A
Dallas	3A
Desha	3A
Drew	3A
Faulkner	3A
Franklin	3A
Fulton	4A
Garland	3A
Grant	3A
Greene	3A
Hempstead	3A
Hot Spring	3A
Howard	3A
Independence	3A
Izard	4A
Jackson	3A
Jefferson	3A
Johnson	3A
Lafayette	3A
Lawrence	4A
Lee	3A
Lincoln	3A
Little River	3A
Logan	3A
Lonoke	3A
Madison	4A
Marion	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Miller	3A
	Mississippi	3A
	Monroe	3A
	Montgomery	3A
	Nevada	3A
	Newton	4A
	Ouachita	3A
	Perry	3A
	Phillips	3A
	Pike	3A
	Poinsett	3A
	Polk	3A
	Pope	3A
	Prairie	3A
	Pulaski	3A
	Randolph	4A
	Saline	3A
	Scott	3A
	Searcy	4A
	Sebastian	3A
	Sevier	3A
	Sharp	4A
	St. Francis	3A
	Stone	4A
	Union	3A
	Van Buren	3A
	Washington	4A
	White	3A
	Woodruff	3A
	Yell	3A
California (CA)		
	Alameda	3C
	Alpine	6B
	Amador	4B
	Butte	3A
	Calaveras	4B
	Colusa	3B
	Contra Costa	3A
	Del Norte	4C
	El Dorado	5B
	Fresno	3B
	Glenn	3B
	Humboldt	4C
	Imperial	2B
	Inyo	4B
	Kern	3B
	Kings	3B
	Lake	3C
	Lassen	4B
	Los Angeles	3C
	Madera	3B
	Marin	3C
	Mariposa	4B
	Mendocino	3C
	Merced	3B
	Modoc	5B
	Mono	6B
	Monterey	3C
	Napa	3C
	Nevada	4B
	Orange	3B
	Placer	3A
	Plumas	4B
	Riverside	2B
	Sacramento	3A
	San Benito	3C
	San Bernardino	3B
	San Diego	3B
	San Francisco	4C
	San Joaquin	3A
	San Luis Obispo	3C
	San Mateo	3C
	Santa Barbara	3C
	Santa Clara	3C
	Santa Cruz	3C
	Shasta	3A
	Sierra	4B
	Siskiyou	4C
	Solano	3A
	Sonoma	3C

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Stanislaus	3B
Sutter	3B
Tehama	3A
Trinity	4B
Tulare	3B
Tuolumne	4B
Ventura	3C
Yolo	3B
Yuba	3A
Colorado (CO)	
Adams	5B
Alamosa	6B
Arapahoe	5B
Archuleta	5B
Baca	4B
Bent	4B
Boulder	5B
Broomfield	5B
Chaffee	6B
Cheyenne	5B
Clear Creek	7
Conejos	6B
Costilla	6B
Crowley	5B
Custer	5B
Delta	5B
Denver	5B
Dolores	6B
Douglas	5B
Eagle	6B
El Paso	5B
Elbert	5B
Fremont	5B
Garfield	5B
Gilpin	7
Grand	6B
Gunnison	7
Hinsdale	7
Huerfano	5B
Jackson	7
Jefferson	5B
Kiowa	5B
Kit Carson	5B
La Plata	5B
Lake	7
Larimer	5B
Las Animas	4B
Lincoln	5B
Logan	5B
Mesa	5B
Mineral	7
Moffat	6B
Montezuma	5B
Montrose	5B
Morgan	5B
Otero	4B
Ouray	6B
Park	7
Phillips	5B
Pitkin	6B
Prowers	4B
Pueblo	4B
Rio Blanco	6B
Rio Grande	6B
Routt	6B
Saguache	6B
San Juan	7
San Miguel	6B
Sedgwick	5B
Summit	7
Teller	5B
Washington	5B
Weld	5B
Yuma	5B
Connecticut (CT)	
Fairfield	4A
Hartford	5A
Litchfield	5A
Middlesex	5A
New Haven	5A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
New London	5A
Tolland	5A
Windham	5A
Delaware (DE)	
Kent	4A
New Castle	4A
Sussex	4A
District of Columbia (DC)	
District of Columbia	4A
Florida (FL)	
Alachua	2A
Baker	2A
Bay	2A
Bradford	2A
Brevard	2A
Broward	1A
Calhoun	2A
Charlotte	2A
Citrus	2A
Clay	2A
Collier	1A
Columbia	2A
DeSoto	2A
Dixie	2A
Duval	2A
Escambia	2A
Flagler	2A
Franklin	2A
Gadsden	2A
Gilchrist	2A
Glades	2A
Gulf	2A
Hamilton	2A
Hardee	2A
Hendry	1A
Hernando	2A
Highlands	2A
Hillsborough	2A
Holmes	2A
Indian River	2A
Jackson	2A
Jefferson	2A
Lafayette	2A
Lake	2A
Lee	1A
Leon	2A
Levy	2A
Liberty	2A
Madison	2A
Manatee	2A
Marion	2A
Martin	2A
Miami-Dade	1A
Monroe	1A
Nassau	2A
Okaloosa	2A
Okeechobee	2A
Orange	2A
Osceola	2A
Palm Beach	1A
Pasco	2A
Pinellas	2A
Polk	2A
Putnam	2A
Santa Rosa	2A
Sarasota	2A
Seminole	2A
St. Johns	2A
St. Lucie	2A
Sumter	2A
Suwannee	2A
Taylor	2A
Union	2A
Volusia	2A
Wakulla	2A
Walton	2A
Washington	2A
Georgia (GA)	
Appling	2A
Atkinson	2A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Bacon	2A
	Baker	2A
	Baldwin	3A
	Banks	3A
	Barrow	3A
	Bartow	3A
	Ben Hill	2A
	Berrien	2A
	Bibb	3A
	Bleckley	3A
	Brantley	2A
	Brooks	2A
	Bryan	2A
	Bulloch	2A
	Burke	3A
	Butts	3A
	Calhoun	2A
	Camden	2A
	Candler	2A
	Carroll	3A
	Catoosa	3A
	Charlton	2A
	Chatham	2A
	Chattahoochee	3A
	Chattooga	3A
	Cherokee	3A
	Clarke	3A
	Clay	2A
	Clayton	3A
	Clinch	2A
	Cobb	3A
	Coffee	2A
	Colquitt	2A
	Columbia	3A
	Cook	2A
	Coweta	3A
	Crawford	3A
	Crisp	2A
	Dade	3A
	Dawson	3A
	Decatur	2A
	DeKalb	3A
	Dodge	2A
	Dooly	3A
	Dougherty	2A
	Douglas	3A
	Early	2A
	Echols	2A
	Effingham	2A
	Elbert	3A
	Emanuel	3A
	Evans	2A
	Fannin	4A
	Fayette	3A
	Floyd	3A
	Forsyth	3A
	Franklin	3A
	Fulton	3A
	Gilmer	4A
	Glascock	3A
	Glynn	2A
	Gordon	3A
	Grady	2A
	Greene	3A
	Gwinnett	3A
	Habersham	4A
	Hall	3A
	Hancock	3A
	Haralson	3A
	Harris	3A
	Hart	3A
	Heard	3A
	Henry	3A
	Houston	3A
	Irwin	2A
	Jackson	3A
	Jasper	3A
	Jeff Davis	2A
	Jefferson	3A
	Jenkins	3A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Johnson	3A
	Jones	3A
	Lamar	3A
	Lanier	2A
	Laurens	3A
	Lee	2A
	Liberty	2A
	Lincoln	3A
	Long	2A
	Lowndes	2A
	Lumpkin	4A
	Macon	3A
	Madison	3A
	Marion	3A
	McDuffie	3A
	McIntosh	2A
	Meriwether	3A
	Miller	2A
	Mitchell	2A
	Monroe	3A
	Montgomery	2A
	Morgan	3A
	Murray	3A
	Muscogee	3A
	Newton	3A
	Oconee	3A
	Oglethorpe	3A
	Paulding	3A
	Peach	3A
	Pickens	3A
	Pierce	2A
	Pike	3A
	Polk	3A
	Pulaski	3A
	Putnam	3A
	Quitman	2A
	Rabun	4A
	Randolph	2A
	Richmond	3A
	Rockdale	3A
	Schley	3A
	Screven	2A
	Seminole	2A
	Spalding	3A
	Stephens	3A
	Stewart	3A
	Sumter	3A
	Talbot	3A
	Taliaferro	3A
	Tattnall	2A
	Taylor	3A
	Telfair	2A
	Terrell	2A
	Thomas	2A
	Tift	2A
	Toombs	2A
	Towns	4A
	Treutlen	3A
	Troup	3A
	Turner	2A
	Twiggs	3A
	Union	4A
	Upson	3A
	Walker	3A
	Walton	3A
	Ware	2A
	Warren	3A
	Washington	3A
	Wayne	2A
	Webster	3A
	Wheeler	2A
	White	4A
	Whitfield	3A
	Wilcox	2A
	Wilkes	3A
	Wilkinson	3A
	Worth	2A
Hawaii (HI)		
	Hawaii	1A
	Honolulu	1A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Kalawao	1A
Kauai	1A
Maui	1A
Idaho (ID)	
Ada	5B
Adams	6B
Bannock	5B
Bear Lake	6B
Benewah	5B
Bingham	5B
Blaine	6B
Boise	6B
Bonner	6B
Bonneville	6B
Boundary	6B
Butte	6B
Camas	6B
Canyon	5B
Caribou	6B
Cassia	5B
Clark	6B
Clearwater	5B
Custer	6B
Elmore	5B
Franklin	5B
Fremont	6B
Gem	5B
Gooding	5B
Idaho	5B
Jefferson	6B
Jerome	5B
Kootenai	5B
Latah	5B
Lemhi	6B
Lewis	5B
Lincoln	5B
Madison	6B
Minidoka	5B
Nez Perce	4B
Oneida	5B
Owyhee	5B
Payette	5B
Power	5B
Shoshone	6B
Teton	6B
Twin Falls	5B
Valley	6B
Washington	6B
Illinois (IL)	
Adams	5A
Alexander	4A
Bond	4A
Boone	5A
Brown	5A
Bureau	5A
Calhoun	4A
Carroll	5A
Cass	5A
Champaign	5A
Christian	4A
Clark	4A
Clay	4A
Clinton	4A
Coles	4A
Cook	5A
Crawford	4A
Cumberland	4A
De Witt	5A
DeKalb	5A
Douglas	5A
DuPage	5A
Edgar	4A
Edwards	4A
Effingham	4A
Fayette	4A
Ford	5A
Franklin	4A
Fulton	5A
Gallatin	4A
Greene	4A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Grundy	5A
Hamilton	4A
Hancock	5A
Hardin	4A
Henderson	5A
Henry	5A
Iroquois	5A
Jackson	4A
Jasper	4A
Jefferson	4A
Jersey	4A
Jo Daviess	5A
Johnson	4A
Kane	5A
Kankakee	5A
Kendall	5A
Knox	5A
Lake	5A
LaSalle	5A
Lawrence	4A
Lee	5A
Livingston	5A
Logan	5A
Macon	4A
Macoupin	4A
Madison	4A
Marion	4A
Marshall	5A
Mason	5A
Massac	4A
McDonough	5A
McHenry	5A
McLean	5A
Menard	5A
Mercer	5A
Monroe	4A
Montgomery	4A
Morgan	4A
Moultrie	4A
Ogle	5A
Peoria	5A
Perry	4A
Piatt	5A
Pike	4A
Pope	4A
Pulaski	4A
Putnam	5A
Randolph	4A
Richland	4A
Rock Island	5A
Saline	4A
Sangamon	4A
Schuyler	5A
Scott	4A
Shelby	4A
St. Clair	4A
Stark	5A
Stephenson	5A
Tazewell	5A
Union	4A
Vermilion	5A
Wabash	4A
Warren	5A
Washington	4A
Wayne	4A
White	4A
Whiteside	5A
Will	5A
Williamson	4A
Winnebago	5A
Woodford	5A
Indiana (IN)	
Adams	5A
Allen	5A
Bartholomew	4A
Benton	5A
Blackford	5A
Boone	5A
Brown	4A
Carroll	5A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Cass	5A
	Clark	4A
	Clay	4A
	Clinton	5A
	Crawford	4A
	Daviess	4A
	Dearborn	4A
	Decatur	4A
	DeKalb	5A
	Delaware	5A
	Dubois	4A
	Elkhart	5A
	Fayette	4A
	Floyd	4A
	Fountain	5A
	Franklin	4A
	Fulton	5A
	Gibson	4A
	Grant	5A
	Greene	4A
	Hamilton	5A
	Hancock	5A
	Harrison	4A
	Hendricks	4A
	Henry	5A
	Howard	5A
	Huntington	5A
	Jackson	4A
	Jasper	5A
	Jay	5A
	Jefferson	4A
	Jennings	4A
	Johnson	4A
	Knox	4A
	Kosciusko	5A
	LaGrange	5A
	Lake	5A
	LaPorte	5A
	Lawrence	4A
	Madison	5A
	Marion	4A
	Marshall	5A
	Martin	4A
	Miami	5A
	Monroe	4A
	Montgomery	5A
	Morgan	4A
	Newton	5A
	Noble	5A
	Ohio	4A
	Orange	4A
	Owen	4A
	Parke	5A
	Perry	4A
	Pike	4A
	Porter	5A
	Posey	4A
	Pulaski	5A
	Putnam	4A
	Randolph	5A
	Ripley	4A
	Rush	4A
	Scott	4A
	Shelby	4A
	Spencer	4A
	St. Joseph	5A
	Starke	5A
	Steuben	5A
	Sullivan	4A
	Switzerland	4A
	Tippecanoe	5A
	Tipton	5A
	Union	4A
	Vanderburgh	4A
	Vermillion	5A
	Vigo	4A
	Wabash	5A
	Warren	5A
	Warrick	4A
	Washington	4A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Wayne	5A
Wells	5A
White	5A
Whitley	5A
Iowa (IA)	
Adair	5A
Adams	5A
Allamakee	5A
Appanoose	5A
Audubon	5A
Benton	5A
Black Hawk	5A
Boone	5A
Bremer	5A
Buchanan	5A
Buena Vista	5A
Butler	5A
Calhoun	5A
Carroll	5A
Cass	5A
Cedar	5A
Cerro Gordo	6A
Cherokee	5A
Chickasaw	5A
Clarke	5A
Clay	6A
Clayton	5A
Clinton	5A
Crawford	5A
Dallas	5A
Davis	5A
Decatur	5A
Delaware	5A
Des Moines	5A
Dickinson	6A
Dubuque	5A
Emmet	6A
Fayette	5A
Floyd	5A
Franklin	5A
Fremont	5A
Greene	5A
Grundy	5A
Guthrie	5A
Hamilton	5A
Hancock	6A
Hardin	5A
Harrison	5A
Henry	5A
Howard	6A
Humboldt	5A
Ida	5A
Iowa	5A
Jackson	5A
Jasper	5A
Jefferson	5A
Johnson	5A
Jones	5A
Keokuk	5A
Kossuth	6A
Lee	5A
Linn	5A
Louisa	5A
Lucas	5A
Lyon	6A
Madison	5A
Mahaska	5A
Marion	5A
Marshall	5A
Mills	5A
Mitchell	6A
Monona	5A
Monroe	5A
Montgomery	5A
Muscatine	5A
O'Brien	6A
Osceola	6A
Page	5A
Palo Alto	6A
Plymouth	5A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Pocahontas	5A
	Polk	5A
	Pottawattamie	5A
	Poweshiek	5A
	Ringgold	5A
	Sac	5A
	Scott	5A
	Shelby	5A
	Sioux	5A
	Story	5A
	Tama	5A
	Taylor	5A
	Union	5A
	Van Buren	5A
	Wapello	5A
	Warren	5A
	Washington	5A
	Wayne	5A
	Webster	5A
	Winnebago	6A
	Winneshiek	5A
	Woodbury	5A
	Worth	6A
	Wright	5A
Kansas (KS)		
	Allen	4A
	Anderson	4A
	Atchison	4A
	Barber	4A
	Barton	4A
	Bourbon	4A
	Brown	4A
	Butler	4A
	Chase	4A
	Chautauqua	4A
	Cherokee	4A
	Cheyenne	5B
	Clark	4A
	Clay	4A
	Cloud	4A
	Coffey	4A
	Comanche	4A
	Cowley	4A
	Crawford	4A
	Decatur	5B
	Dickinson	4A
	Doniphan	4A
	Douglas	4A
	Edwards	4A
	Elk	4A
	Ellis	4A
	Ellsworth	4A
	Finney	4B
	Ford	4A
	Franklin	4A
	Geary	4A
	Gove	5B
	Graham	4A
	Grant	4B
	Gray	4B
	Greeley	5B
	Greenwood	4A
	Hamilton	4B
	Harper	4A
	Harvey	4A
	Haskell	4B
	Hodgeman	4A
	Jackson	4A
	Jefferson	4A
	Jewell	5A
	Johnson	4A
	Kearny	4B
	Kingman	4A
	Kiowa	4A
	Labette	4A
	Lane	4A
	Leavenworth	4A
	Lincoln	4A
	Linn	4A
	Logan	5B

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Lyon	4A
Marion	4A
Marshall	4A
McPherson	4A
Meade	4B
Miami	4A
Mitchell	4A
Montgomery	4A
Morris	4A
Morton	4B
Nemaha	4A
Neosho	4A
Ness	4A
Norton	5A
Osage	4A
Osborne	4A
Ottawa	4A
Pawnee	4A
Phillips	5A
Pottawatomie	4A
Pratt	4A
Rawlins	5B
Reno	4A
Republic	5A
Rice	4A
Riley	4A
Rooks	4A
Rush	4A
Russell	4A
Saline	4A
Scott	5B
Sedgwick	4A
Seward	4B
Shawnee	4A
Sheridan	5B
Sherman	5B
Smith	5A
Stafford	4A
Stanton	4B
Stevens	4B
Sumner	4A
Thomas	5B
Trego	4A
Wabaunsee	4A
Wallace	5B
Washington	4A
Wichita	5B
Wilson	4A
Woodson	4A
Wyandotte	4A
Kentucky (KY)	
Adair	4A
Allen	4A
Anderson	4A
Ballard	4A
Barren	4A
Bath	4A
Bell	4A
Boone	4A
Bourbon	4A
Boyd	4A
Boyle	4A
Bracken	4A
Breathitt	4A
Breckinridge	4A
Bullitt	4A
Butler	4A
Caldwell	4A
Calloway	4A
Campbell	4A
Carlisle	4A
Carroll	4A
Carter	4A
Casey	4A
Christian	4A
Clark	4A
Clay	4A
Clinton	4A
Crittenden	4A
Cumberland	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Daviess	4A
	Edmonson	4A
	Elliott	4A
	Estill	4A
	Fayette	4A
	Fleming	4A
	Floyd	4A
	Franklin	4A
	Fulton	4A
	Gallatin	4A
	Garrard	4A
	Grant	4A
	Graves	4A
	Grayson	4A
	Green	4A
	Greenup	4A
	Hancock	4A
	Hardin	4A
	Harlan	4A
	Harrison	4A
	Hart	4A
	Henderson	4A
	Henry	4A
	Hickman	4A
	Hopkins	4A
	Jackson	4A
	Jefferson	4A
	Jessamine	4A
	Johnson	4A
	Kenton	4A
	Knott	4A
	Knox	4A
	Larue	4A
	Laurel	4A
	Lawrence	4A
	Lee	4A
	Leslie	4A
	Letcher	4A
	Lewis	4A
	Lincoln	4A
	Livingston	4A
	Logan	4A
	Lyon	4A
	Madison	4A
	Magoffin	4A
	Marion	4A
	Marshall	4A
	Martin	4A
	Mason	4A
	McCracken	4A
	McCreary	4A
	McLean	4A
	Meade	4A
	Menifee	4A
	Mercer	4A
	Metcalfe	4A
	Monroe	4A
	Montgomery	4A
	Morgan	4A
	Muhlenberg	4A
	Nelson	4A
	Nicholas	4A
	Ohio	4A
	Oldham	4A
	Owen	4A
	Owsley	4A
	Pendleton	4A
	Perry	4A
	Pike	4A
	Powell	4A
	Pulaski	4A
	Robertson	4A
	Rockcastle	4A
	Rowan	4A
	Russell	4A
	Scott	4A
	Shelby	4A
	Simpson	4A
	Spencer	4A
	Taylor	4A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Todd	4A
Trigg	4A
Trimble	4A
Union	4A
Warren	4A
Washington	4A
Wayne	4A
Webster	4A
Whitley	4A
Wolfe	4A
Woodford	4A
Louisiana (LA)	
Acadia	2A
Allen	2A
Ascension	2A
Assumption	2A
Avoyelles	2A
Beauregard	2A
Bienville	2A
Bossier	2A
Caddo	2A
Calcasieu	2A
Caldwell	2A
Cameron	2A
Catahoula	2A
Claiborne	2A
Concordia	2A
De Soto	2A
East Baton Rouge	2A
East Carroll	3A
East Feliciana	2A
Evangeline	2A
Franklin	2A
Grant	2A
Iberia	2A
Iberville	2A
Jackson	2A
Jefferson	2A
Jefferson Davis	2A
Lafayette	2A
Lafourche	2A
LaSalle	2A
Lincoln	2A
Livingston	2A
Madison	3A
Morehouse	2A
Natchitoches	2A
Orleans	2A
Ouachita	2A
Plaquemines	2A
Pointe Coupee	2A
Rapides	2A
Red River	2A
Richland	2A
Sabine	2A
St. Bernard	2A
St. Charles	2A
St. Helena	2A
St. James	2A
St. John the Baptist	2A
St. Landry	2A
St. Martin	2A
St. Mary	2A
St. Tammany	2A
Tangipahoa	2A
Tensas	2A
Terrebonne	2A
Union	3A
Vermilion	2A
Vernon	2A
Washington	2A
Webster	2A
West Baton Rouge	2A
West Carroll	3A
West Feliciana	2A
Winn	2A
Maine (ME)	
Androscoggin	6A
Aroostook	7
Cumberland	5A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Franklin	6A
	Hancock	6A
	Kennebec	6A
	Knox	6A
	Lincoln	6A
	Oxford	6A
	Penobscot	6A
	Piscataquis	6A
	Sagadahoc	6A
	Somerset	6A
	Waldo	6A
	Washington	6A
	York	6A
Maryland (MD)		
	Allegany	4A
	Anne Arundel	4A
	Baltimore	4A
	Baltimore	4A
	Calvert	4A
	Caroline	4A
	Carroll	4A
	Cecil	4A
	Charles	4A
	Dorchester	4A
	Frederick	4A
	Garrett	5A
	Harford	4A
	Howard	4A
	Kent	4A
	Montgomery	4A
	Prince George's	4A
	Queen Anne's	4A
	Somerset	4A
	St. Mary's	4A
	Talbot	4A
	Washington	4A
	Wicomico	4A
	Worcester	4A
Massachusetts (MA)		
	Barnstable	5A
	Berkshire	5A
	Bristol	5A
	Dukes	5A
	Essex	5A
	Franklin	5A
	Hampden	5A
	Hampshire	5A
	Middlesex	5A
	Nantucket	5A
	Norfolk	5A
	Plymouth	5A
	Suffolk	5A
	Worcester	5A
Michigan (MI)		
	Alcona	6A
	Alger	6A
	Allegan	5A
	Alpena	6A
	Antrim	6A
	Arenac	6A
	Baraga	6A
	Barry	5A
	Bay	5A
	Benzie	5A
	Berrien	5A
	Branch	5A
	Calhoun	5A
	Cass	5A
	Charlevoix	6A
	Cheboygan	6A
	Chippewa	6A
	Clare	6A
	Clinton	5A
	Crawford	6A
	Delta	6A
	Dickinson	6A
	Eaton	5A
	Emmet	6A
	Genesee	5A
	Gladwin	6A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Gogebic	6A
Grand Traverse	6A
Gratiot	5A
Hillsdale	5A
Houghton	6A
Huron	5A
Ingham	5A
Ionia	5A
Iosco	6A
Iron	6A
Isabella	5A
Jackson	5A
Kalamazoo	5A
Kalkaska	6A
Kent	5A
Keweenaw	6A
Lake	6A
Lapeer	5A
Leelanau	6A
Lenawee	5A
Livingston	5A
Luce	6A
Mackinac	6A
Macomb	5A
Manistee	6A
Marquette	6A
Mason	5A
Mecosta	6A
Menominee	6A
Midland	5A
Missaukee	6A
Monroe	5A
Montcalm	5A
Montmorency	6A
Muskegon	5A
Newaygo	5A
Oakland	5A
Oceana	5A
Ogemaw	6A
Ontonagon	6A
Osceola	6A
Oscoda	6A
Otsego	6A
Ottawa	5A
Presque Isle	6A
Roscommon	6A
Saginaw	5A
Sanilac	5A
Schoolcraft	6A
Shiawassee	5A
St. Clair	5A
St. Joseph	5A
Tuscola	5A
Van Buren	5A
Washtenaw	5A
Wayne	5A
Wexford	6A
Minnesota (MN)	
Aitkin	7
Anoka	6A
Becker	6A
Beltrami	7
Benton	6A
Big Stone	6A
Blue Earth	6A
Brown	6A
Carlton	7
Carver	6A
Cass	7
Chippewa	6A
Chisago	6A
Clay	6A
Clearwater	7
Cook	7
Cottonwood	6A
Crow Wing	6A
Dakota	6A
Dodge	6A
Douglas	6A
Faribault	6A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Fillmore	6A
Freeborn	6A
Goodhue	6A
Grant	6A
Hennepin	6A
Houston	5A
Hubbard	7
Isanti	6A
Itasca	7
Jackson	6A
Kanabec	6A
Kandiyohi	6A
Kittson	7
Koochiching	7
Lac qui Parle	6A
Lake	7
Lake of the Woods	7
Le Sueur	6A
Lincoln	6A
Lyon	6A
Mahnomen	7
Marshall	7
Martin	6A
McLeod	6A
Meeker	6A
Mille Lacs	6A
Morrison	6A
Mower	6A
Murray	6A
Nicollet	6A
Nobles	6A
Norman	7
Olmsted	6A
Otter Tail	6A
Pennington	7
Pine	6A
Pipestone	6A
Polk	7
Pope	6A
Ramsey	6A
Red Lake	7
Redwood	6A
Renville	6A
Rice	6A
Rock	6A
Roseau	7
Scott	6A
Sherburne	6A
Sibley	6A
St. Louis	7
Stearns	6A
Steele	6A
Stevens	6A
Swift	6A
Todd	6A
Traverse	6A
Wabasha	6A
Wadena	6A
Waseca	6A
Washington	6A
Watonwan	6A
Wilkin	6A
Winona	5A
Wright	6A
Yellow Medicine	6A
Mississippi (MS)	
Adams	3A
Alcorn	3A
Amite	2A
Attala	3A
Benton	3A
Bolivar	3A
Calhoun	3A
Carroll	3A
Chickasaw	3A
Choctaw	3A
Claiborne	3A
Clarke	3A
Clay	3A
Coahoma	3A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Copiah	3A
Covington	3A
DeSoto	3A
Forrest	2A
Franklin	3A
George	2A
Greene	2A
Grenada	3A
Hancock	2A
Harrison	2A
Hinds	3A
Holmes	3A
Humphreys	3A
Issaquena	3A
Itawamba	3A
Jackson	2A
Jasper	3A
Jefferson	3A
Jefferson Davis	3A
Jones	3A
Kemper	3A
Lafayette	3A
Lamar	2A
Lauderdale	3A
Lawrence	3A
Leake	3A
Lee	3A
Leflore	3A
Lincoln	3A
Lowndes	3A
Madison	3A
Marion	2A
Marshall	3A
Monroe	3A
Montgomery	3A
Neshoba	3A
Newton	3A
Noxubee	3A
Oktibbeha	3A
Panola	3A
Pearl River	2A
Perry	2A
Pike	2A
Pontotoc	3A
Prentiss	3A
Quitman	3A
Rankin	3A
Scott	3A
Sharkey	3A
Simpson	3A
Smith	3A
Stone	2A
Sunflower	3A
Tallahatchie	3A
Tate	3A
Tippah	3A
Tishomingo	3A
Tunica	3A
Union	3A
Walthall	2A
Warren	3A
Washington	3A
Wayne	3A
Webster	3A
Wilkinson	2A
Winston	3A
Yalobusha	3A
Yazoo	3A
Missouri (MO)	
Adair	5A
Andrew	4A
Atchison	5A
Audrain	4A
Barry	4A
Barton	4A
Bates	4A
Benton	4A
Bollinger	4A
Boone	4A
Buchanan	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Butler	4A
	Caldwell	4A
	Callaway	4A
	Camden	4A
	Cape Girardeau	4A
	Carroll	4A
	Carter	4A
	Cass	4A
	Cedar	4A
	Chariton	4A
	Christian	4A
	Clark	5A
	Clay	4A
	Clinton	4A
	Cole	4A
	Cooper	4A
	Crawford	4A
	Dade	4A
	Dallas	4A
	Daviess	4A
	DeKalb	4A
	Dent	4A
	Douglas	4A
	Dunklin	3A
	Franklin	4A
	Gasconade	4A
	Gentry	5A
	Greene	4A
	Grundy	5A
	Harrison	5A
	Henry	4A
	Hickory	4A
	Holt	5A
	Howard	4A
	Howell	4A
	Iron	4A
	Jackson	4A
	Jasper	4A
	Jefferson	4A
	Johnson	4A

State	County	Climate Zone
	Knox	5A
	Laclede	4A
	Lafayette	4A
	Lawrence	4A
	Lewis	5A
	Lincoln	4A
	Linn	5A
	Livingston	4A
	Macon	5A
	Madison	4A
	Maries	4A
	Marion	5A
	McDonald	4A
	Mercer	5A
	Miller	4A
	Mississippi	4A
	Moniteau	4A
	Monroe	4A
	Montgomery	4A
	Morgan	4A
	New Madrid	4A
	Newton	4A
	Nodaway	5A
	Oregon	4A
	Osage	4A
	Ozark	4A
	Pemiscot	3A
	Perry	4A
	Pettis	4A
	Phelps	4A
	Pike	4A
	Platte	4A
	Polk	4A
	Pulaski	4A
	Putnam	5A
	Ralls	4A
	Randolph	4A
	Ray	4A
	Reynolds	4A
	Ripley	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Saline	4A
	Schuyler	5A
	Scotland	5A
	Scott	4A
	Shannon	4A
	Shelby	5A
	St. Charles	4A
	St. Clair	4A
	St. Francois	4A
	St. Louis	4A
	St. Louis	4A
	Ste. Genevieve	4A
	Stoddard	4A
	Stone	4A
	Sullivan	5A
	Taney	4A
	Texas	4A
	Vernon	4A
	Warren	4A
	Washington	4A
	Wayne	4A
	Webster	4A
	Worth	5A
	Wright	4A
Montana (MT)		
	Beaverhead	6B
	Big Horn	6B
	Blaine	6B
	Broadwater	6B
	Carbon	6B
	Carter	6B
	Cascade	6B
	Chouteau	6B
	Custer	6B
	Daniels	6B
	Dawson	6B
	Deer Lodge	6B
	Fallon	6B
	Fergus	6B
	Flathead	6B
	Gallatin	6B
	Garfield	6B
	Glacier	6B
	Golden Valley	6B
	Granite	6B
	Hill	6B
	Jefferson	6B
	Judith Basin	6B
	Lake	6B
	Lewis and Clark	6B
	Liberty	6B
	Lincoln	6B
	Madison	6B
	McCone	6B
	Meagher	6B
	Mineral	6B
	Missoula	6B
	Musselshell	6B
	Park	6B
	Petroleum	6B
	Phillips	6B
	Pondera	6B
	Powder River	6B
	Powell	6B
	Prairie	6B
	Ravalli	6B
	Richland	6B
	Roosevelt	6B
	Rosebud	6B
	Sanders	6B
	Sheridan	6B
	Silver Bow	6B
	Stillwater	6B
	Sweet Grass	6B
	Teton	6B
	Toole	6B
	Treasure	6B
	Valley	6B
	Wheatland	6B
	Wibaux	6B

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Yellowstone	6B
Nebraska (NE)	
Adams	5A
Antelope	5A
Arthur	5A
Banner	5B
Blaine	5A
Boone	5A
Box Butte	5B
Boyd	5A
Brown	5A
Buffalo	5A
Burt	5A
Butler	5A
Cass	5A
Cedar	5A
Chase	5B
Cherry	5A
Cheyenne	5B
Clay	5A
Colfax	5A
Cuming	5A
Custer	5A
Dakota	5A
Dawes	5B
Dawson	5A
Deuel	5B
Dixon	5A
Dodge	5A
Douglas	5A
Dundy	5B
Fillmore	5A
Franklin	5A
Frontier	5A
Furnas	5A
Gage	5A
Garden	5B
Garfield	5A
Gosper	5A
Grant	5A
Greeley	5A
Hall	5A
Hamilton	5A
Harlan	5A
Hayes	5B
Hitchcock	5B
Holt	5A
Hooker	5A
Howard	5A
Jefferson	5A
Johnson	5A
Kearney	5A
Keith	5A
Keya Paha	5A
Kimball	5B
Knox	5A
Lancaster	5A
Lincoln	5A
Logan	5A
Loup	5A
Madison	5A
McPherson	5A
Merrick	5A
Morrill	5B
Nance	5A
Nemaha	5A
Nuckolls	5A
Otoe	5A
Pawnee	5A
Perkins	5B
Phelps	5A
Pierce	5A
Platte	5A
Polk	5A
Red Willow	5A
Richardson	5A
Rock	5A
Saline	5A
Sarpy	5A
Saunders	5A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Scotts Bluff	5B
Seward	5A
Sheridan	5B
Sherman	5A
Sioux	6B
Stanton	5A
Thayer	5A
Thomas	5A
Thurston	5A
Valley	5A
Washington	5A
Wayne	5A
Webster	5A
Wheeler	5A
York	5A
Nevada (NV)	
Carson City	4B
Churchill	4B
Clark	2B
Douglas	4B
Elko	5B
Esmeralda	4B
Eureka	5B
Humboldt	5B
Lander	5B
Lincoln	4B
Lyon	4B
Mineral	4B
Nye	4B
Pershing	5B
Storey	4B
Washoe	4B
White Pine	5B
New Hampshire (NH)	
Belknap	6A
Carroll	6A
Cheshire	5A
Coos	6A
Grafton	6A
Hillsborough	5A
Merrimack	5A
Rockingham	5A
Strafford	5A
Sullivan	6A
New Jersey (NJ)	
Atlantic	4A
Bergen	4A
Burlington	4A
Camden	4A
Cape May	4A
Cumberland	4A
Essex	4A
Gloucester	4A
Hudson	4A
Hunterdon	4A
Mercer	4A
Middlesex	4A
Monmouth	4A
Morris	4A
Ocean	4A
Passaic	4A
Salem	4A
Somerset	4A
Sussex	5A
Union	4A
Warren	5A
New Mexico (NM)	
Bernalillo	4B
Catron	4B
Chaves	3B
Cibola	5B
Colfax	5B
Curry	4B
De Baca	4B
Do[illegible]a Ana	3B
Eddy	3B
Grant	3B
Guadalupe	4B
Harding	5B
Hidalgo	3B

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Lea	3B
Lincoln	3B
Los Alamos	4B
Luna	3B
McKinley	5B
Mora	5B
Otero	3B
Quay	4B
Rio Arriba	6B
Roosevelt	4B
San Juan	4B
San Miguel	5B
Sandoval	6B
Santa Fe	4B
Sierra	3B
Socorro	4B
Taos	5B
Torrance	5B
Union	4B
Valencia	4B
New York (NY)	
Albany	5A
Allegany	5A
Bronx	4A
Broome	5A
Cattaraugus	5A
Cayuga	5A
Chautauqua	5A
Chemung	5A
Chenango	6A
Clinton	6A
Columbia	5A
Cortland	6A
Delaware	6A
Dutchess	5A
Erie	5A
Essex	6A
Franklin	6A
Fulton	6A
Genesee	5A
Greene	5A
Hamilton	6A
Herkimer	6A
Jefferson	6A
Kings	4A
Lewis	6A
Livingston	5A
Madison	6A
Monroe	5A
Montgomery	6A
Nassau	4A
New York	4A
Niagara	5A
Oneida	5A
Onondaga	5A
Ontario	5A
Orange	5A
Orleans	5A
Oswego	5A
Otsego	6A
Putnam	5A
Queens	4A
Rensselaer	5A
Richmond	4A
Rockland	4A
Saratoga	5A
Schenectady	5A
Schoharie	5A
Schuyler	5A
Seneca	5A
St. Lawrence	6A
Steuben	5A
Suffolk	4A
Sullivan	5A
Tioga	5A
Tompkins	5A
Ulster	5A
Warren	6A
Washington	5A
Wayne	5A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Westchester	4A
Wyoming	5A
Yates	5A
North Carolina (NC)	
Alamance	3A
Alexander	4A
Alleghany	4A
Anson	3A
Ashe	4A
Avery	5A
Beaufort	3A
Bertie	3A
Bladen	3A
Brunswick	3A
Buncombe	4A
Burke	4A
Cabarrus	3A
Caldwell	4A
Camden	3A
Carteret	3A
Caswell	4A
Catawba	3A
Chatham	3A
Cherokee	4A
Chowan	3A
Clay	4A
Cleveland	3A
Columbus	3A
Craven	3A
Cumberland	3A
Currituck	3A
Dare	3A
Davidson	3A
Davie	3A
Duplin	3A
Durham	3A
Edgecombe	3A
Forsyth	3A
Franklin	3A
Gaston	3A
Gates	3A
Graham	4A
Granville	3A
Greene	3A
Guilford	3A
Halifax	3A
Harnett	3A
Haywood	4A
Henderson	4A
Hertford	3A
Hoke	3A
Hyde	3A
Iredell	3A
Jackson	4A
Johnston	3A
Jones	3A
Lee	3A
Lenoir	3A
Lincoln	3A
Macon	4A
Madison	4A
Martin	3A
McDowell	4A
Mecklenburg	3A
Mitchell	5A
Montgomery	3A
Moore	3A
Nash	3A
New Hanover	3A
Northampton	3A
Onslow	3A
Orange	3A
Pamlico	3A
Pasquotank	3A
Pender	3A
Perquimans	3A
Person	4A
Pitt	3A
Polk	3A
Randolph	3A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Richmond	3A
Robeson	3A
Rockingham	4A
Rowan	3A
Rutherford	3A
Sampson	3A
Scotland	3A
Stanly	3A
Stokes	4A
Surry	4A
Swain	4A
Transylvania	4A
Tyrrell	3A
Union	3A
Vance	3A
Wake	3A
Warren	3A
Washington	3A
Watauga	4A
Wayne	3A
Wilkes	4A
Wilson	3A
Yadkin	3A
Yancey	5A
North Dakota (ND)	
Adams	6A
Barnes	6A
Benson	7
Billings	6B
Bottineau	7
Bowman	6B
Burke	7
Burleigh	6A
Cass	6A
Cavalier	7
Dickey	6A
Divide	6B
Dunn	6A
Eddy	7
Emmons	6A
Foster	6A
Golden Valley	6B
Grand Forks	7
Grant	6A
Griggs	7
Hettinger	6A
Kidder	6A
LaMoure	6A
Logan	6A
McHenry	7
McIntosh	6A
McKenzie	6B
McLean	6A
Mercer	6A
Morton	6A
Mountrail	6A
Nelson	7
Oliver	6A
Pembina	7
Pierce	7
Ramsey	7
Ransom	6A
Renville	7
Richland	6A
Rolette	7
Sargent	6A
Sheridan	6A
Sioux	6A
Slope	6B
Stark	6A
Steele	7
Stutsman	6A
Towner	7
Traill	7
Walsh	7
Ward	6A
Wells	6A
Williams	6B
Ohio (OH)	
Adams	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Allen	5A
	Ashland	5A
	Ashtabula	5A
	Athens	4A
	Auglaize	5A
	Belmont	5A
	Brown	4A
	Butler	4A
	Carroll	5A
	Champaign	5A
	Clark	5A
	Clermont	4A
	Clinton	4A
	Columbiana	5A
	Coshocton	5A
	Crawford	5A
	Cuyahoga	5A
	Darke	5A
	Defiance	5A
	Delaware	5A
	Erie	5A
	Fairfield	4A
	Fayette	4A
	Franklin	4A
	Fulton	5A
	Gallia	4A
	Geauga	5A
	Greene	4A
	Guernsey	4A
	Hamilton	4A
	Hancock	5A
	Hardin	5A
	Harrison	5A
	Henry	5A
	Highland	4A
	Hocking	4A
	Holmes	5A
	Huron	5A
	Jackson	4A
	Jefferson	5A
	Knox	5A
	Lake	5A
	Lawrence	4A
	Licking	5A
	Logan	5A
	Lorain	5A
	Lucas	5A
	Madison	4A
	Mahoning	5A
	Marion	5A
	Medina	5A
	Meigs	4A
	Mercer	5A
	Miami	5A
	Monroe	4A
	Montgomery	4A
	Morgan	4A
	Morrow	5A
	Muskingum	4A
	Noble	4A
	Ottawa	5A
	Paulding	5A
	Perry	4A
	Pickaway	4A
	Pike	4A
	Portage	5A
	Preble	5A
	Putnam	5A
	Richland	5A
	Ross	4A
	Sandusky	5A
	Scioto	4A
	Seneca	5A
	Shelby	5A
	Stark	5A
	Summit	5A
	Trumbull	5A
	Tuscarawas	5A
	Union	5A
	Van Wert	5A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Vinton	4A
Warren	4A
Washington	4A
Wayne	5A
Williams	5A
Wood	5A
Wyandot	5A
Oklahoma (OK)	
Adair	4A
Alfalfa	4A
Atoka	3A
Beaver	4B
Beckham	3A
Blaine	4A
Bryan	3A
Caddo	3A
Canadian	3A
Carter	3A
Cherokee	4A
Choctaw	3A
Cimarron	4B
Cleveland	3A
Coal	3A
Comanche	3A
Cotton	3A
Craig	4A
Creek	3A
Custer	4A
Delaware	4A
Dewey	4A
Ellis	4B
Garfield	4A
Garvin	3A
Grady	3A
Grant	4A
Greer	3A
Harmon	3A
Harper	4B
Haskell	3A
Hughes	3A
Jackson	3A
Jefferson	3A
Johnston	3A
Kay	4A
Kingfisher	3A
Kiowa	3A
Latimer	3A
Le Flore	3A
Lincoln	3A
Logan	3A
Love	3A
Major	4A
Marshall	3A
Mayes	4A
McClain	3A
McCurtain	3A
McIntosh	3A
Murray	3A
Muskogee	3A
Noble	4A
Nowata	4A
Okfuskee	3A
Oklahoma	3A
Okmulgee	3A
Osage	4A
Ottawa	4A
Pawnee	4A
Payne	4A
Pittsburg	3A
Pontotoc	3A
Pottawatomie	3A
Pushmataha	3A
Roger Mills	4A
Rogers	4A
Seminole	3A
Sequoyah	3A
Stephens	3A
Texas	4B
Tillman	3A
Tulsa	3A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Wagoner	3A
Washington	4A
Washita	3A
Woods	4A
Woodward	4A
Oregon (OR)	
Baker	6B
Benton	4C
Clackamas	4C
Clatsop	4C
Columbia	4C
Coos	4C
Crook	5B
Curry	4C
Deschutes	5B
Douglas	4C
Gilliam	5B
Grant	5B
Harney	6B
Hood River	5B
Jackson	4C
Jefferson	5B
Josephine	4C
Klamath	5B
Lake	6B
Lane	4C
Lincoln	4C
Linn	4C
Malheur	5B
Marion	4C
Morrow	5B
Multnomah	4C
Polk	4C
Sherman	5B
Tillamook	4C
Umatilla	4B
Union	5B
Wallowa	5B
Wasco	5B
Washington	4C
Wheeler	5B
Yamhill	4C
Pennsylvania (PA)	
Adams	4A
Allegheny	4A
Armstrong	5A
Beaver	5A
Bedford	5A
Berks	4A
Blair	5A
Bradford	5A
Bucks	4A
Butler	5A
Cambria	5A
Cameron	5A
Carbon	5A
Centre	5A
Chester	4A
Clarion	5A
Clearfield	5A
Clinton	5A
Columbia	5A
Crawford	5A
Cumberland	4A
Dauphin	4A
Delaware	4A
Elk	5A
Erie	5A
Fayette	5A
Forest	5A
Franklin	4A
Fulton	5A
Greene	5A
Huntingdon	5A
Indiana	5A
Jefferson	5A
Juniata	5A
Lackawanna	5A
Lancaster	4A
Lawrence	5A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Lebanon	4A
Lehigh	5A
Luzerne	5A
Lycoming	5A
McKean	5A
Mercer	5A
Mifflin	5A
Monroe	5A
Montgomery	4A
Montour	5A
Northampton	5A
Northumberland	5A
Perry	4A
Philadelphia	4A
Pike	5A
Potter	5A
Schuylkill	5A
Snyder	5A
Somerset	5A
Sullivan	5A
Susquehanna	5A
Tioga	5A
Union	5A
Venango	5A
Warren	5A
Washington	5A
Wayne	5A
Westmoreland	5A
Wyoming	5A
York	4A
Rhode Island (RI)	
Bristol	4A
Kent	5A
Newport	4A
Providence	4A
Washington	4A
South Carolina (SC)	
Abbeville	3A
Aiken	3A
Allendale	3A
Anderson	3A
Bamberg	3A
Barnwell	3A
Beaufort	2A
Berkeley	3A
Calhoun	3A
Charleston	2A
Cherokee	3A
Chester	3A
Chesterfield	3A
Clarendon	3A
Colleton	3A
Darlington	3A
Dillon	3A
Dorchester	3A
Edgefield	3A
Fairfield	3A
Florence	3A
Georgetown	3A
Greenville	3A
Greenwood	3A
Hampton	3A
Horry	3A
Jasper	2A
Kershaw	3A
Lancaster	3A
Laurens	3A
Lee	3A
Lexington	3A
Marion	3A
Marlboro	3A
McCormick	3A
Newberry	3A
Oconee	3A
Orangeburg	3A
Pickens	3A
Richland	3A
Saluda	3A
Spartanburg	3A
Sumter	3A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Union	3A
Williamsburg	3A
York	3A
South Dakota (SD)	
Aurora	5A
Beadle	6A
Bennett	5A
Bon Homme	5A
Brookings	6A
Brown	6A
Brule	5A
Buffalo	6A
Butte	6A
Campbell	6A
Charles Mix	5A
Clark	6A
Clay	5A
Codington	6A
Corson	6A
Custer	6B
Davison	5A
Day	6A
Deuel	6A
Dewey	6A
Douglas	5A
Edmunds	6A
Fall River	5B
Faulk	6A
Grant	6A
Gregory	5A
Haakon	5B
Hamlin	6A
Hand	6A
Hanson	6A
Harding	6B
Hughes	6A
Hutchinson	5A
Hyde	6A
Jackson	5A
Jerauld	6A
Jones	5A
Kingsbury	6A
Lake	6A
Lawrence	6A
Lincoln	6A
Lyman	5A
Marshall	6A
McCook	6A
McPherson	6A
Meade	5B
Mellette	5A
Miner	6A
Minnehaha	6A
Moody	6A
Oglala Lakota	5B
Pennington	5B
Perkins	6A
Potter	6A
Roberts	6A
Sanborn	6A
Spink	6A
Stanley	6A
Sully	6A
Todd	5A
Tripp	5A
Turner	6A
Union	5A
Walworth	6A
Yankton	5A
Ziebach	6B
Tennessee (TN)	
Anderson	3A
Bedford	3A
Benton	3A
Bledsoe	4A
Blount	3A
Bradley	3A
Campbell	4A
Cannon	3A
Carroll	3A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Carter	4A
	Cheatham	3A
	Chester	3A
	Claiborne	4A
	Clay	4A
	Cocke	4A
	Coffee	3A
	Crockett	3A
	Cumberland	4A
	Davidson	3A
	Decatur	3A
	DeKalb	4A
	Dickson	3A
	Dyer	3A
	Fayette	3A
	Fentress	4A
	Franklin	3A
	Gibson	3A
	Giles	3A
	Grainger	4A
	Greene	4A
	Grundy	4A
	Hamblen	4A
	Hamilton	3A
	Hancock	4A
	Hardeman	3A
	Hardin	3A
	Hawkins	4A
	Haywood	3A
	Henderson	3A
	Henry	3A
	Hickman	3A
	Houston	3A
	Humphreys	3A
	Jackson	4A
	Jefferson	4A
	Johnson	4A
	Knox	3A
	Lake	3A
	Lauderdale	3A

State	County	Climate Zone
	Lawrence	3A
	Lewis	3A
	Lincoln	3A
	Loudon	3A
	Macon	4A
	Madison	3A
	Marion	4A
	Marshall	3A
	Maury	3A
	McMinn	3A
	McNairy	3A
	Meigs	3A
	Monroe	4A
	Montgomery	4A
	Moore	3A
	Morgan	4A
	Obion	3A
	Overton	4A
	Perry	3A
	Pickett	4A
	Polk	4A
	Putnam	4A
	Rhea	3A
	Roane	3A
	Robertson	4A
	Rutherford	3A
	Scott	4A
	Sequatchie	4A
	Sevier	4A
	Shelby	3A
	Smith	4A
	Stewart	4A
	Sullivan	4A
	Sumner	4A
	Tipton	3A
	Trousdale	4A
	Unicoi	4A
	Union	4A
	Van Buren	4A
	Warren	3A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Washington	4A
Wayne	3A
Weakley	3A
White	4A
Williamson	3A
Wilson	4A
Texas (TX)	
Anderson	2A
Andrews	3B
Angelina	2A
Aransas	2A
Archer	3A
Armstrong	3B
Atascosa	2A
Austin	2A
Bailey	4B
Bandera	2A
Bastrop	2A
Baylor	3A
Bee	2A
Bell	2A
Bexar	2A
Blanco	2A
Borden	3B
Bosque	2A
Bowie	3A
Brazoria	2A
Brazos	2A
Brewster	3B
Briscoe	3B
Brooks	2A
Brown	2A
Burleson	2A
Burnet	2A
Caldwell	2A
Calhoun	2A
Callahan	3A
Cameron	1A
Camp	3A
Carson	3B
Cass	2A
Castro	4B
Chambers	2A
Cherokee	2A
Childress	3B
Clay	3A
Cochran	3B
Coke	2B
Coleman	2A
Collin	3A
Collingsworth	3B
Colorado	2A
Comal	2A
Comanche	2A
Concho	2A
Cooke	3A
Coryell	2A
Cottle	3A
Crane	2B
Crockett	2B
Crosby	3A
Culberson	3B
Dallam	4B
Dallas	2A
Dawson	3B
Deaf Smith	4B
Delta	3A
Denton	3A
DeWitt	2A
Dickens	3A
Dimmit	2B
Donley	3B
Duval	2A
Eastland	3A
Ector	3B
Edwards	2A
El Paso	3B
Ellis	2A
Erath	2A
Falls	2A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Fannin	3A
	Fayette	2A
	Fisher	3A
	Floyd	3B
	Foard	3A
	Fort Bend	2A
	Franklin	3A
	Freestone	2A
	Frio	2A
	Gaines	3B
	Galveston	2A
	Garza	3A
	Gillespie	2A
	Glasscock	2B
	Goliad	2A
	Gonzales	2A
	Gray	3B
	Grayson	3A
	Gregg	2A
	Grimes	2A
	Guadalupe	2A
	Hale	4B
	Hall	3B
	Hamilton	2A
	Hansford	4B
	Hardeman	3A
	Hardin	2A
	Harris	2A
	Harrison	2A
	Hartley	4B
	Haskell	3A
	Hays	2A
	Hemphill	3B
	Henderson	2A
	Hidalgo	1B
	Hill	2A
	Hockley	3B
	Hood	2A
	Hopkins	2A
	Houston	2A
	Howard	3B
	Hudspeth	3B
	Hunt	3A
	Hutchinson	3B
	Irion	2A
	Jack	3A
	Jackson	2A
	Jasper	2A
	Jeff Davis	3B
	Jefferson	2A
	Jim Hogg	2A
	Jim Wells	2A
	Johnson	2A
	Jones	3A
	Karnes	2A
	Kaufman	2A
	Kendall	2A
	Kenedy	2A
	Kent	3A
	Kerr	2A
	Kimble	2A
	King	3A
	Kinney	2B
	Kleberg	2A
	Knox	3A
	La Salle	2B
	Lamar	3A
	Lamb	4B
	Lampasas	2A
	Lavaca	2A
	Lee	2A
	Leon	2A
	Liberty	2A
	Limestone	2A
	Lipscomb	4B
	Live Oak	2A
	Llano	2A
	Loving	2B
	Lubbock	3B
	Lynn	3B

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Madison	2A
	Marion	2A
	Martin	3B
	Mason	2A
	Matagorda	2A
	Maverick	2B
	McCulloch	2A
	McLennan	2A
	McMullen	2A
	Medina	2A
	Menard	2A
	Midland	2B
	Milam	2A
	Mills	2A
	Mitchell	3A
	Montague	3A
	Montgomery	2A
	Moore	4B
	Morris	3A
	Motley	3B
	Nacogdoches	2A
	Navarro	2A
	Newton	2A
	Nolan	3A
	Nueces	2A
	Ochiltree	4B
	Oldham	4B
	Orange	2A
	Palo Pinto	3A
	Panola	2A
	Parker	3A
	Parmer	4B
	Pecos	2B
	Polk	2A
	Potter	4B
	Presidio	3B
	Rains	2A
	Randall	4B
	Reagan	2B
	Real	2A
	Red River	3A
	Reeves	2B
	Refugio	2A
	Roberts	3B
	Robertson	2A
	Rockwall	3A
	Runnels	2B
	Rusk	2A
	Sabine	2A
	San Augustine	2A
	San Jacinto	2A
	San Patricio	2A
	San Saba	2A
	Schleicher	2A
	Scurry	3A
	Shackelford	3A
	Shelby	2A
	Sherman	4B
	Smith	2A
	Somervell	2A
	Starr	1B
	Stephens	2A
	Sterling	3A
	Stonewall	3A
	Sutton	2B
	Swisher	3B
	Tarrant	2A
	Taylor	3A
	Terrell	2B
	Terry	3B
	Throckmorton	3A
	Titus	3A
	Tom Green	2A
	Travis	2A
	Trinity	2A
	Tyler	2A
	Upshur	2A
	Upton	2B
	Uvalde	2A
	Val Verde	2B

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Van Zandt	2A
Victoria	2A
Walker	2A
Waller	2A
Ward	2B
Washington	2A
Webb	1B
Wharton	2A
Wheeler	3B
Wichita	3A
Wilbarger	3A
Willacy	1A
Williamson	2A
Wilson	2A
Winkler	2B
Wise	3A
Wood	2A
Yoakum	3B
Young	3A
Zapata	1B
Zavala	2B
Utah (UT)	
Beaver	5B
Box Elder	5B
Cache	5B
Carbon	5B
Daggett	6B
Davis	5B
Duchesne	6B
Emery	5B
Garfield	6B
Grand	5B
Iron	5B
Juab	5B
Kane	5B
Millard	5B
Morgan	6B
Piute	5B
Rich	6B
Salt Lake	4B
San Juan	5B
Sanpete	5B
Sevier	5B
Summit	6B
Tooele	5B
Uintah	5B
Utah	5B
Wasatch	6B
Washington	3B
Wayne	5B
Weber	5B
Vermont (VT)	
Addison	6A
Bennington	5A
Caledonia	6A
Chittenden	5A
Essex	6A
Franklin	6A
Grand Isle	6A
Lamoille	6A
Orange	6A
Orleans	6A
Rutland	6A
Washington	6A
Windham	5A
Windsor	6A
Virginia (VA)	
Accomack	4A
Albemarle	4A
Alexandria	4A
Alleghany	4A
Amelia	4A
Amherst	4A
Appomattox	4A
Arlington	4A
Augusta	4A
Bath	5A
Bedford	4A
Bland	4A
Botetourt	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Bristol	4A
	Brunswick	3A
	Buchanan	4A
	Buckingham	4A
	Buena Vista	4A
	Campbell	4A
	Caroline	4A
	Carroll	4A
	Charles City	4A
	Charlotte	4A
	Charlottesville	4A
	Chesapeake	3A
	Chesterfield	4A
	Clarke	4A
	Colonial Heights	4A
	Covington	4A
	Craig	4A
	Culpeper	4A
	Cumberland	4A
	Danville	4A
	Dickenson	4A
	Dinwiddie	4A
	Emporia	4A
	Essex	4A
	Fairfax	4A
	Fairfax	4A
	Falls Church	4A
	Fauquier	4A
	Floyd	4A
	Fluvanna	4A
	Franklin	3A
	Franklin	4A
	Frederick	4A
	Fredericksburg	4A
	Galax	4A
	Giles	4A
	Gloucester	3A
	Goochland	4A
	Grayson	4A
	Greene	4A
	Greensville	4A
	Halifax	4A
	Hampton	3A
	Hanover	4A
	Harrisonburg	4A
	Henrico	4A
	Henry	4A
	Highland	5A
	Hopewell	4A
	Isle of Wight	3A
	James City	3A
	King and Queen	3A
	King George	4A
	King William	4A
	Lancaster	4A
	Lee	4A
	Lexington	4A
	Loudoun	4A
	Louisa	4A
	Lunenburg	4A
	Lynchburg	4A
	Madison	4A
	Manassas	4A
	Manassas Park	4A
	Martinsville	4A
	Mathews	3A
	Mecklenburg	3A
	Middlesex	3A
	Montgomery	4A
	Nelson	4A
	New Kent	4A
	Newport News	3A
	Norfolk	3A
	Northampton	4A
	Northumberland	4A
	Norton	4A
	Nottoway	4A
	Orange	4A
	Page	4A
	Patrick	4A

Table A-4 Climate Zones for United States Counties

State	County	Climate Zone
	Petersburg	4A
	Pittsylvania	4A
	Poquoson	3A
	Portsmouth	3A
	Powhatan	4A
	Prince Edward	4A
	Prince George	4A
	Prince William	4A
	Pulaski	4A
	Radford	4A
	Rappahannock	4A
	Richmond	4A
	Richmond	4A
	Roanoke	4A
	Roanoke	4A
	Rockbridge	4A
	Rockingham	4A
	Russell	4A
	Salem	4A
	Scott	4A
	Shenandoah	4A
	Smyth	4A
	Southampton	3A
	Spotsylvania	4A
	Stafford	4A
	Staunton	4A
	Suffolk	3A
	Surry	3A
	Sussex	3A
	Tazewell	4A
	Virginia Beach	3A
	Warren	4A
	Washington	4A
	Waynesboro	4A
	Westmoreland	4A
	Williamsburg	3A
	Winchester	4A
	Wise	4A
	Wythe	4A
	York	3A
Washington (WA)		
	Adams	5B
	Asotin	4B
	Benton	4B
	Chelan	5B
	Clallam	5C
	Clark	4C
	Columbia	5B
	Cowlitz	4C
	Douglas	5B
	Ferry	6B
	Franklin	4B
	Garfield	5B
	Grant	5B
	Grays Harbor	4C
	Island	5C
	Jefferson	5C
	King	4C
	Kitsap	5C
	Kittitas	5B
	Klickitat	5B
	Lewis	4C
	Lincoln	5B
	Mason	4C
	Okanogan	5B
	Pacific	4C
	Pend Oreille	6B
	Pierce	4C
	San Juan	5C
	Skagit	4C
	Skamania	5B
	Snohomish	4C
	Spokane	5B
	Stevens	6B
	Thurston	4C
	Wahkiakum	4C
	Walla Walla	5B
	Whatcom	4C
	Whitman	5B
	Yakima	5B

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
West Virginia (WV)	
Barbour	4A
Berkeley	4A
Boone	4A
Braxton	4A
Brooke	5A
Cabell	4A
Calhoun	4A
Clay	4A
Doddridge	4A
Fayette	4A
Gilmer	4A
Grant	4A
Greenbrier	5A
Hampshire	4A
Hancock	5A
Hardy	4A
Harrison	4A
Jackson	4A
Jefferson	4A
Kanawha	4A
Lewis	4A
Lincoln	4A
Logan	4A
Marion	4A
Marshall	5A
Mason	4A
McDowell	4A
Mercer	4A
Mineral	4A
Mingo	4A
Monongalia	4A
Monroe	4A
Morgan	4A
Nicholas	4A
Ohio	5A
Pendleton	5A
Pleasants	4A
Pocahontas	5A
Preston	4A
Putnam	4A
Raleigh	4A
Randolph	5A
Ritchie	4A
Roane	4A
Summers	4A
Taylor	4A
Tucker	5A
Tyler	4A
Upshur	4A
Wayne	4A
Webster	4A
Wetzel	4A
Wirt	4A
Wood	4A
Wyoming	4A
Wisconsin (WI)	
Adams	6A
Ashland	6A
Barron	6A
Bayfield	6A
Brown	6A
Buffalo	6A
Burnett	6A
Calumet	6A
Chippewa	6A
Clark	6A
Columbia	5A
Crawford	5A
Dane	5A
Dodge	5A
Door	6A
Douglas	6A
Dunn	6A
Eau Claire	6A
Florence	6A
Fond du Lac	5A
Forest	6A
Grant	5A
Green	5A

Table A-4 Climate Zones for United States Counties

State / County	Climate Zone
Green Lake	5A
Iowa	5A
Iron	6A
Jackson	6A
Jefferson	5A
Juneau	6A
Kenosha	5A
Kewaunee	6A
La Crosse	5A
Lafayette	5A
Langlade	6A
Lincoln	6A
Manitowoc	6A
Marathon	6A
Marinette	6A
Marquette	5A
Menominee	6A
Milwaukee	5A
Monroe	6A
Oconto	6A
Oneida	6A
Outagamie	6A
Ozaukee	5A
Pepin	6A
Pierce	6A
Polk	6A
Portage	6A
Price	6A
Racine	5A
Richland	5A
Rock	5A
Rusk	6A
Sauk	5A
Sawyer	6A
Shawano	6A
Sheboygan	6A
St. Croix	6A
Taylor	6A
Trempealeau	6A
Vernon	5A
Vilas	6A
Walworth	5A
Washburn	6A
Washington	6A
Waukesha	5A
Waupaca	6A
Waushara	6A
Winnebago	6A
Wood	6A
Wyoming (WY)	
Albany	6B
Big Horn	6B
Campbell	6B
Carbon	6B
Converse	6B
Crook	6B
Fremont	6B
Goshen	5B
Hot Springs	6B
Johnson	6B
Laramie	5B
Lincoln	7
Natrona	6B
Niobrara	6B
Park	6B
Platte	5B
Sheridan	6B
Sublette	7
Sweetwater	6B
Teton	7
Uinta	6B
Washakie	6B
Weston	6B

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
Alberta (AB)				
ABEE AGDM	712850	54.277	-112.965	7
ACADIA VALLEY	710480	51.066	-110.317	7
ALBERT HALL AGCM	710050	53.113	-111.181	7
ALLIANCE AGCM	710060	52.315	-111.779	7
ANDREW AGDM	712860	53.918	-112.278	7
ATHABASCA AGCM	712710	54.635	-113.382	7
ATLEE AGCM	719860	50.81	-111.006	7
ATMORE AGDM	712870	54.78	-112.825	7
AZURE AGCM	719810	50.512	-114.013	7
BALLATER AGCM	715415	55.577	-117.236	7
BANFF	711220	51.194	-115.552	7
BARNWELL AGDM	713460	49.801	-112.303	6B
BARONS AGCM	710070	50.026	-113.224	7
BARRHEAD	710610	54.095	-114.448	7
BASSANO AGCM	710080	50.892	-112.465	7
BEAVER MINES	713040	49.468	-114.175	6A
BEAVERLODGE	712300	55.197	-119.396	7
BEISEKER AGCM	710090	51.379	-113.357	7
BELLSHILL AGCM	710100	52.582	-111.465	7
BIG VALLEY AGCM	710110	51.998	-112.802	7
BLACK DIAMOND	719820	50.707	-114.152	7
BLOOD TRIBE AGDM	715170	49.559	-113.063	6A
BODO AGDM	712140	52.124	-110.101	7
BOW ISLAND	712310	49.734	-111.45	6B
BOW ISLAND IRRIGATION AGDM	715190	49.868	-111.366	6B
BOW VALLEY	712320	51.083	-115.066	7
BRETON PLOTS	712330	53.089	-114.441	7
BROCKET AGDM	713410	49.611	-113.759	6A
BROOKS	714570	50.56	-111.85	7
BROWNVALE AGCM	712830	56.118	-117.886	7
BULLHORN COULEE RESERVOIR	718390	49.295	-113.359	6A
BULLHORN HEADWATERS	710160	49.153	-113.551	6A
BUSBY AGCM	712840	53.931	-113.922	7
CADOGAN AGCM	710120	52.334	-110.51	7
CALGARY CS	713930	51.109	-114	7
CALGARY INTL	718770	51.114	-114.02	7
CAMROSE	712540	53.043	-112.822	7
CANADIAN OLYMPIC PARK UPPER	712350	51.076	-114.212	7
CARDSTON	711530	49.201	-113.286	6A
CHAMPION AGDM	712170	50.295	-113.347	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
CLARESHOLM	712340	50.004	-113.641	6A
CLEARDALE AGDM	712210	56.314	-119.745	7
COLD LAKE	711200	54.42	-110.28	7
CONSORT AGDM	712230	51.937	-110.713	7
CORONATION	713180	52.074	-111.449	7
CRAIGMYLE AGCM	710130	51.775	-112.252	7
CRESTOMERE AGCM	713800	52.733	-113.903	7
CROWSNEST	712360	49.63	-114.48	7
DAPP AGDM	713400	54.329	-113.934	7
DEL BONITA AGDM	712240	49.05	-112.81	7
DELBURNE AGCM	710140	52.183	-113.176	7
DEWBERRY AGCM	713590	53.659	-110.588	7
DRUMHELLER EAST	712370	51.45	-112.68	7
DUPRE AGCM	714140	54.367	-110.868	7
EAGLESHAM AGCM	714610	55.808	-117.887	7
EDGERTON AGCM	713600	52.778	-110.433	7
EDMONTON BLATCHFORD	711570	53.58	-113.516	7
EDMONTON INTL	711230	53.307	-113.606	7
EDMONTON NAMAO	711210	53.664	-113.466	7
EDMONTON STONY PLAIN	711270	53.547	-114.108	7
EDSON	711670	53.581	-116.454	7
ELK ISLAND NATL PARK	712380	53.682	-112.868	7
ENCHANT AGDM	715180	50.172	-112.437	6B
ESTHER 1	712400	51.67	-110.206	7
ETZIKOM AGCM	714090	49.553	-111.054	6B
EVANSBURG2 AGCM	714810	53.573	-115.124	7
FAIRVIEW AGDM	713470	56.081	-118.439	7
FERINTOSH AGCM	716730	52.744	-112.858	7
FINCASTLE AGDM	715350	49.802	-112.046	6A
FOREMOST AGDM	712250	49.483	-111.486	6A
FORESTBURG AGCM	716740	52.548	-112.123	7
FORT ASSINIBOINE AGCM	714830	54.41	-114.769	7
FORT CHIPEWYAN	710560	58.766	-111.117	8
FORT MACLEOD AGCM	717890	49.786	-113.379	6A
FORT MCMURRAY	716890	56.65	-111.221	7
FORT VERMILION	710240	58.382	-116.04	7
GARDEN RIVER	712530	58.711	-113.866	7
GILT EDGE NORTH AGCM	717910	53.071	-110.621	7
GLEICHEN AGCM	714980	50.934	-112.941	7
GLENEVIS AGCM	715000	53.833	-114.539	7
GLENWOOD	718850	49.334	-113.526	6A
GRANDE PRAIRIE	719400	55.18	-118.88	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
GRASSY LAKE	717880	49.874	-111.733	6B
HALKIRK AGCM	717920	52.117	-112.164	7
HAWK HILLS AGCM	715070	57.265	-117.298	7
HEMARUKA AGCM	717930	51.78	-111.212	7
HENDRICKSON CREEK	719790	53.795	-118.447	7
HESPERO AGCM	715400	52.31	-114.486	7
HIGH LEVEL	710660	58.62	-117.16	7
HIGH PRAIRIE AGDM	712260	55.395	-116.483	7
HIGHVALE	712410	53.449	-114.464	7
HOLDEN AGDM	712270	53.185	-112.246	7
HUGHENDEN AGCM	717940	52.578	-110.784	7
HUSSAR AGDM	713440	51.191	-112.503	7
IRON SPRINGS AGDM	715280	49.901	-112.745	6B
IRVINE AGCM	717950	49.989	-110.261	6B
JASPER	728880	52.88	-118.07	7
JASPER WARDEN	714860	52.927	-118.03	7
JEAN COTE AGCM	715410	55.913	-117.12	7
KILLAM AGDM	712280	52.847	-111.872	7
KINSELLA	718885	53.047	-111.547	7
KITSCOTY AGCM	717970	53.353	-110.416	7
LA CRETE AGCM	715420	58.172	-116.343	7
LAC LA BICHE	713160	54.769	-112.024	7
LACOMBE	712420	52.449	-113.757	7
LEEDALE AGDM	715650	52.553	-114.472	7
LEGAL AGCM	715440	54.003	-113.474	7
LETHBRIDGE	712670	49.626	-112.794	6A
LETHBRIDGE CDA	712430	49.7	-112.77	6A
LETHBRIDGE DEMO FARM AGDM	715090	49.687	-112.745	6A
LINDBERGH AGDM	715670	53.943	-110.579	7
LINDEN AGCM	710350	51.619	-113.656	7
LLOYDMINSTER	718710	53.312	-110.074	7
MANNING AGDM	712290	56.974	-117.451	7
MANNVILLE AGCM	710470	53.456	-111.255	7
MANYBERRIES AGCM	710510	49.364	-110.678	7
MASINASIN AGDM	713450	49.137	-111.652	6B
MEDICINE HAT	712470	50.025	-110.717	6B
MILDRED LAKE	712550	57.04	-111.559	7
MILK RIVER	712440	49.134	-112.051	6B
MILK RIVER RIDGE RESERVOIR	710150	49.284	-112.538	7
MORRIN AGDM	712570	51.66	-112.675	7
MOSSLEIGH AGCM	710570	50.672	-113.349	7
MUNDARE AGDM	713540	53.561	-112.296	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
MYRNAM AGCM	710650	53.72	-111.114	7
NAKISKA RIDGETOP	712450	50.944	-115.19	8
NEW SAREPTA AGCM	710670	53.262	-113.165	7
NIER AGDM	714950	51.369	-114.099	7
NORDEGG	710600	52.471	-116.077	7
OLDS AGDM	712580	51.759	-114.085	7
OLIVER AGDM	713510	53.647	-113.355	7
ONEFOUR	711160	49.123	-110.469	6A
OYEN AGDM	713420	51.38	-110.355	7
PAKOWKI LAKE AGCM	710700	49.225	-111.126	6B
PEACE RIVER	710680	56.23	-117.45	7
PEKISKO	716690	50.37	-114.42	7
PEORIA AGDM	713480	55.621	-118.293	7
PINCHER CREEK	710850	49.522	-114.005	6A
POLLOCKVILLE AGDM	712590	51.125	-111.705	7
PRAIRIE RIVER	715930	58.627	-111.679	7
PRENTISS	713530	52.434	-113.592	7
PRIDDIS ROTHNEY OBSERVATORY	719825	50.869	-114.292	7
QUEENSTOWN	710730	50.598	-112.803	7
RADWAY AGCM	715450	53.995	-112.879	7
RAYMOND AGDM	715360	49.487	-112.675	6B
RED DEER	718780	52.179	-113.893	7
RED EARTH	712460	56.552	-115.278	7
RIBSTONE SOUTH AGCM	710890	52.587	-110.343	7
RICH LAKE AGDM	713490	54.501	-111.691	7
RIVERCOURSE AGCM	711020	53.019	-110.102	7
ROCKY MOUNTAIN HOUSE	719280	52.421	-114.912	7
ROLLING HILLS AGCM	711050	50.265	-111.701	7
ROSALIND AGCM	712020	52.792	-112.423	7
ROSEMARY AGDM	715370	50.834	-112.057	7
RYCROFT AGCM	715460	55.777	-118.668	7
SAVANNA AGCM	715470	56.076	-119.345	7
SCHULER AGDM	712690	50.307	-110.091	6B
SEDALIA AGCM	713990	51.59	-110.755	7
SEVEN PERSONS AGDM	715250	49.918	-110.915	6B
SHONTS AGCM	714050	53.333	-112.54	7
SLAVE LAKE	713690	55.296	-114.784	7
SMOKY LAKE AGDM	712740	54.265	-112.504	7
SPIRIT RIVER	715710	55.695	-119.23	7
SPONDIN AGCM	714130	51.816	-111.683	7
SPRINGBANK	718600	51.1	-114.37	7
ST ALBERT	711215	53.692	-113.62	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
ST LINA AGCM	715480	54.282	-111.451	7
ST MARY RESERVOIR	718370	49.361	-113.11	6A
ST PAUL AGCM	712750	54.011	-111.272	7
STANDARD AGCM	714400	51.228	-112.982	7
STAVELY AAFC	715550	50.183	-113.883	6A
STETTLER AGDM	712890	52.347	-112.596	7
STRATHMORE AGDM	715260	51.039	-113.29	7
SUNDRE	712480	51.778	-114.683	7
TAWATINAW AGCM	715490	54.3	-113.52	7
TEEPEE CREEK AGCM	716900	55.352	-118.408	7
THORSBY AGCM	715040	53.217	-113.895	7
THREE HILLS	712490	51.767	-113.206	7
TOMAHAWK AGDM	715660	53.44	-114.719	7
TRAVERS AGCM	718480	50.304	-112.863	6B
TULLIBY LAKE AGCM	718570	53.664	-110.081	7
TWO HILLS AGDM	712760	53.625	-111.678	7
VALLEYVIEW AGDM	712770	55.098	-117.199	7
VAUXHALL	712510	50.053	-112.126	6B
VEGREVILLE	714580	53.505	-112.098	7
VERMILION AGDM	712780	53.344	-110.882	7
VIKING AGCM	718880	53.182	-111.732	7
VILNA AGCM	717610	54.13	-111.921	7
VIOLET GROVE	710620	53.144	-115.126	7
WAINWRIGHT CFB	711180	52.831	-111.096	7
WATERTON PARK GATE	711540	49.131	-113.809	6A
WETASKIWIN AGCM	718950	52.98	-113.444	7
WHITECOURT	719300	54.14	-115.784	7
WILLOW CREEK	712520	53.386	-118.347	7
WIMBORNE AGCM	719040	51.936	-113.591	7
WRENTHAM AGDM	713430	49.495	-112.112	6B
British Columbia (BC)				
ABBOTSFORD	711080	49.027	-122.377	4C
AGASSIZ	711130	49.243	-121.76	4C
ALERT BAY	741100	50.582	-126.915	5C
AMPHITRITE POINT	711122	48.922	-125.541	5C
ASHCROFT	716810	50.708	-121.281	5A
BALLENAS ISLAND	717690	49.351	-124.161	4C
BELLA BELLA	715820	52.181	-128.154	5A
BLACKCOMB BASE SLIDING CENTER	717560	50.102	-122.936	6A
BLUE RIVER	718830	52.129	-119.29	6A
BONILLA ISLAND	714840	53.493	-130.637	5C
BURNS LAKE DECKER LAKE	719520	54.383	-125.959	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
CALLAGHAN VALLEY	716880	50.144	-123.111	6A
CAPE SCOTT	710328	50.782	-128.427	5C
CAPE ST JAMES	711070	51.936	-131.016	5C
CATHEDRAL POINT	714820	52.188	-127.471	5C
CLINTON	714740	51.145	-121.505	7
COMOX	718930	49.72	-124.9	5C
CRANBROOK	716600	49.617	-115.789	6A
CRESTON	717700	49.082	-116.501	5A
CUMSHEWA ISLAND	717710	53.03	-131.601	5C
DAWSON CREEK	714710	55.739	-120.187	7
DEASE LAKE	719580	58.422	-130.031	7
DELTA BURNS BOG	710420	49.126	-123.002	5C
DISCOVERY ISLAND	710310	48.425	-123.226	4C
ENTRANCE ISLAND	717720	49.209	-123.81	4C
ESQUIMALT HARBOUR	717980	48.432	-123.439	4C
ESTEVAN POINT	718940	49.383	-126.543	5C
FANNY ISLAND	715680	50.454	-125.993	5C
FORT NELSON	719450	58.842	-122.574	7
FORT ST JAMES	719330	54.455	-124.286	8
FORT ST JOHN	719430	56.247	-120.737	7
GREY ISLET	714760	54.58	-130.698	5A
HALIBUT BANK BUOY 46146	996870	49.34	-123.73	4C
HELMCKEN ISLAND	714813	50.4	-125.87	5C
HERBERT ISLAND	714850	50.94	-127.632	5C
HOLLAND ROCK	712190	54.172	-130.361	5C
HOPE	711870	49.37	-121.493	5C
HOWE SOUND PAM ROCKS	712110	49.488	-123.3	4C
KAMLOOPS	718870	50.699	-120.441	5B
KELOWNA	712030	49.96	-119.38	5A
KINDAKUN ROCKS	714720	53.316	-132.772	5C
LANGARA	718990	54.255	-133.058	5C
LILLOOET	719990	50.684	-121.934	5A
LUCY ISLAND LIGHTSTATION	712200	54.296	-130.609	5C
LYTTON	717650	50.224	-121.582	5A
MACKENZIE	719440	55.299	-123.133	7
MALAHAT	717740	48.575	-123.53	5C
MCINNES ISLAND	718970	52.262	-128.719	5C
MERRITT	715570	50.112	-120.778	6A
NAKUSP	712160	50.269	-117.817	5A
NECHAKO RIVER	717630	53.68	-124.83	7
NELSON	717760	49.491	-117.305	5A
NITINAT LAKE	714831	48.67	-124.83	5C

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
NORTH COWICHAN	719270	48.824	-123.719	5C
OOTSA LAKE SKINS LAKE	716790	53.772	-125.997	7
OSOYOOS	712150	49.028	-119.441	5A
PEMBERTON	717770	50.306	-122.734	5C
PENTICTON	718890	49.46	-119.6	5A
PITT MEADOWS	717750	49.208	-122.69	4C
POINT ATKINSON	710370	49.33	-123.265	4C
PORT ALBERNI	714750	49.32	-124.93	5C
PORT HARDY	711090	50.68	-127.37	5C
PORT MELLON	716050	49.526	-123.496	5C
POWELL RIVER	717200	49.834	-124.498	5C
PRINCE GEORGE	718960	53.889	-122.672	7
PRINCE RUPERT	710220	54.29	-130.44	5C
PRINCETON	710320	49.468	-120.514	6A
PUNTZI MOUNTAIN	710500	52.114	-124.136	7
QUALICUM BEACH	717660	49.34	-124.39	5C
QUESNEL	717790	53.027	-122.506	6A
REVELSTOKE	718820	50.958	-118.177	6A
RICHMOND OPERATION CENTRE	711120	49.182	-123.078	5C
ROSE SPIT	714770	54.159	-131.661	5C
SALMON ARM	712180	50.703	-119.291	5A
SANDHEADS	712090	49.106	-123.303	4C
SANDSPIT	711110	53.249	-131.813	5C
SARTINE ISLAND	714780	50.819	-128.906	5C
SATURNA CAPMON	719140	48.775	-123.128	5C
SATURNA ISLAND EAST POINT	714730	48.783	-123.046	4C
SECHELT	716380	49.458	-123.715	5C
SENTRY SHOAL BUOY 46131	996930	49.91	-124.99	4C
SHERINGHAM POINT	717800	48.377	-123.921	5C
SISTERS ISLAND	717810	49.487	-124.435	4C
SMITHERS	719500	54.824	-127.189	7
SOLANDER ISLAND	714790	50.111	-127.94	5C
SOUTH MORESBY BUOY 46147	996980	51.83	-131.22	5C
SPARWOOD	717820	49.745	-114.884	7
SQUAMISH	712070	49.78	-123.16	5C
SUMMERLAND	717680	49.562	-119.649	5B
TATLAYOKO LAKE	710280	51.675	-124.403	7
TERRACE	719510	54.47	-128.58	6A
TRIPLE ISLAND	711000	54.295	-130.881	5C
UNIVERSITY OF VICTORIA	717830	48.457	-123.305	4C
VANCOUVER HARBOUR	712010	49.295	-123.122	4C
VANCOUVER INTL	718920	49.19	-123.18	4C

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
VERNON	711150	50.223	-119.194	5A
VICTORIA GONZALES	712000	48.413	-123.325	4C
VICTORIA HARTLAND	712027	48.53	-123.46	4C
VICTORIA INTL	717990	48.65	-123.43	4C
VICTORIA MARINE	712023	48.37	-123.75	5C
WARFIELD	714010	49.112	-117.739	5C
WEST VANCOUVER	717840	49.347	-123.193	4C
WHISTLER NESTERS	716870	50.129	-122.955	6A
WHITE ROCK	717850	49.018	-122.784	4C
WILLIAMS LAKE	711040	52.186	-122.066	7
YOHO PARK	717860	51.447	-116.324	7
Manitoba (MB)				
BACHELORS ISLAND	711430	51.75	-99.9	7
BERENS RIVER	711580	52.36	-97.022	7
BRANDON	711400	49.903	-99.946	7
CARBERRY	711700	49.906	-99.358	7
CARMAN	711470	49.5	-98.03	7
CHURCHILL	716180	58.74	-94.07	8
CYPRESS RIVER	712390	49.562	-99.074	7
DAUPHIN	715500	51.1	-100.057	7
DEERWOOD	718400	49.4	-98.319	7
DELTA MARSH	715630	50.183	-98.382	7
EMERSON	715600	49.001	-97.242	7
FISHER BRANCH	714420	51.083	-97.554	7
FLIN FLON	719540	54.68	-101.68	7
GEORGE ISLAND	714450	52.819	-97.616	7
GILLAM	719120	56.36	-94.71	8
GIMLI AP	717480	50.639	-97.046	7
GIMLI HARBOUR	715770	50.631	-96.982	7
GRAND RAPIDS	718580	53.183	-99.267	7
GREAT FALLS	715700	50.459	-96.011	7
GRETNA	714410	49.031	-97.56	7
HUNTERS POINT	711421	53.027	-100.935	7
ISLAND LAKE	711450	53.854	-94.653	7
KELSEY DAM	715720	56.038	-96.51	8
LYNN LAKE	710780	56.86	-101.08	8
MCCREARY	711490	50.712	-99.53	7
MELITA	714470	49.281	-100.986	7
MORDEN	715640	49.188	-98.084	7
NORWAY HOUSE	714100	53.96	-97.84	7
OAKPOINT	711440	50.5	-98.037	7
PILOT MOUND	711480	49.188	-98.906	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
PINAWA	714480	50.177	-96.065	7
PORTAGE LA PRAIRIE SOUTHPORT	718510	49.903	-98.284	7
ROBLIN	715530	51.183	-101.363	7
SHOAL LAKE	711500	50.455	-100.604	7
SPRAGUE	714490	49.024	-95.598	7
SWAN RIVER	714430	52.115	-101.233	7
TADOULE LAKE	713340	58.709	-98.501	8
THE PAS	718670	53.975	-101.089	7
THOMPSON	710790	55.8	-97.86	8
VICTORIA BEACH	715520	50.694	-96.562	7
WASAGAMING	714440	50.655	-99.942	7
WINNIPEG INTL	718520	49.916	-97.249	7
WINNIPEG THE FORKS	715790	49.889	-97.13	7
New Brunswick (NB)				
ALMA FUNDY NATL PARK	711910	45.597	-64.953	6A
BAS CARAQUET	715980	47.8	-64.83	6A
BATHURST	715740	47.631	-65.741	7
BOUCTOUCHE	716660	46.431	-64.767	6A
CFB GAGETOWN	717010	45.838	-66.433	6A
CHARLO	713150	47.989	-66.334	7
EDMUNDSTON	715900	47.417	-68.324	7
FREDERICTON AQUATIC CENTRE	716445	45.966	-66.651	6A
FREDERICTON CDA	716680	45.92	-66.609	6A
FREDERICTON INTL	717000	45.869	-66.537	6A
GRAND MANAN	710300	44.712	-66.802	6A
KOUCHIBOUGUAC	716700	46.789	-65.013	6A
MECHANIC SETTLEMENT	717870	45.694	-65.165	6A
MIRAMICHI	717440	47.009	-65.465	6A
MISCOU ISLAND	717190	48.009	-64.494	6A
MONCTON ROMEO LEBLANC	717050	46.105	-64.684	6A
POINT ESCUMINAC	717055	47.073	-64.798	6A
POINT LEPREAU	716990	45.059	-66.459	6A
RED PINES	716340	47.439	-65.598	7
SAINT JOHN	716090	45.318	-65.886	6A
ST LEONARD	717030	47.158	-67.832	7
ST STEPHEN	716070	45.21	-67.253	6A
Newfoundland and Labrador (NL)				
ARGENTIA	718070	47.294	-53.993	6A
BADGER	714000	48.968	-56.061	7
BANQUREAU BANKS BUOY 44139	995500	44.24	-57.1	5A
BONAVISTA	711780	48.67	-53.11	6A
BURGEO	711520	47.613	-57.61	6A

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
CAPE KAKKIVIAK	711760	59.985	-64.165	8
CAPE KIGLAPAIT	711770	57.136	-61.476	8
CAPE RACE	718000	46.66	-53.075	6A
CARTWRIGHT	718180	53.683	-57.041	7
CHURCHILL FALLS	710020	53.562	-64.106	8
COMFORT COVE	741930	49.274	-54.879	7
CORNER BROOK	719730	48.93	-57.92	6A
DANIELS HARBOUR	711850	50.236	-57.581	7
DEER LAKE	718090	49.211	-57.397	7
ENGLEE	714170	50.721	-56.113	7
FEROLLE POINT	714060	51.022	-57.096	7
GANDER	717420	48.946	-54.567	6A
GOOSE BAY	718160	53.317	-60.417	7
GRATES COVE	713360	48.17	-52.94	6A
HOPEDALE	719000	55.449	-60.228	8
LA SCIE	713370	49.913	-55.671	7
MARTICOT ISLAND	716920	47.328	-54.585	6A
MARY'S HARBOUR	713390	52.304	-55.833	7
NAIN	716650	56.55	-61.683	8
POOL'S ISLAND	719310	49.113	-53.583	7
PORT AUX BASQUES	711970	47.573	-59.153	6A
ROCKY HARBOUR	715880	49.572	-57.876	6A
SAGLEK	713350	58.488	-62.586	8
SAGONA ISLAND	714080	47.367	-55.795	6A
ST ANTHONY	718194	51.37	-55.6	7
ST ANTHONY	718300	51.39	-56.09	7
ST JOHN'S INTL	718010	47.62	-52.75	6A
ST JOHNS WEST	712500	47.513	-52.783	6A
ST LAWRENCE	711100	46.92	-55.38	6A
STEPHENVILLE	718150	48.561	-58.566	6A
TERRA NOVA NATL PARK	715890	48.56	-53.97	6A
TUKIALIK BAY	711790	54.716	-58.358	8
TWILLINGATE	714020	49.688	-54.8	7
WABUSH	718250	52.92	-66.86	8
WINTERLAND	711810	47.136	-55.327	6A
WRECKHOUSE	711800	47.714	-59.306	6A
Northwest Territories (NT)				
CAPE PARRY	719480	70.167	-124.717	8
COLVILLE LAKE	710550	67.021	-126.123	8
DEADMEN VALLEY	710210	61.26	-124.47	8
DELINE	715030	65.209	-123.433	8
FORT GOOD HOPE	714910	66.242	-128.644	8

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
FORT LIARD	714970	60.236	-123.473	7
FORT PROVIDENCE	710870	61.317	-117.602	8
FORT RELIANCE	711600	62.711	-109.168	8
FORT SIMPSON	713650	61.759	-121.23	8
FORT SMITH	719340	60.026	-111.929	8
HANBURY RIVER	719630	63.6	-105.13	8
HAY RIVER	719350	60.839	-115.782	8
HOLMAN	710290	70.761	-117.8	8
INDIN RIVER	710614	64.39	-115.02	8
INNER WHALEBACKS	711620	61.921	-113.726	8
INUVIK AP	719570	68.304	-133.481	8
INUVIK CS	713640	68.318	-133.534	8
KEATS POINT	710580	69.673	-121.672	8
LINDBURG LANDING	716820	61.125	-122.852	8
LITTLE CHICAGO	711640	67.18	-130.23	8
LIVERPOOL BAY	719600	69.604	-130.894	8
LOWER CARP LAKE	716800	63.6	-113.85	8
LUTSELK'E	715290	62.416	-110.69	8
MOULD BAY	719890	76.237	-119.347	8
NANGMAGVIK LAKE	719740	74.139	-119.989	8
NICHOLSON PENINSULA	729560	69.93	-128.97	8
NORMAN WELLS AP	710430	65.28	-126.8	8
NORMAN WELLS CS	714800	65.287	-126.753	8
PAULATUK	719840	69.36	-124.08	8
PELLY ISLAND	715020	69.623	-135.436	8
RABBIT KETTLE	719800	61.96	-127.21	8
RAE LAKES	711650	64.115	-117.313	8
SACHS HARBOUR	714670	71.992	-125.243	8
STORM HILLS	710520	68.894	-133.94	8
THOMSEN RIVER	719160	73.231	-119.541	8
TRAIL VALLEY	716830	68.742	-133.499	8
TROUT LAKE	711660	60.44	-121.24	8
TUKTOYAKTUK	719850	69.436	-133.023	8
TUKTUT NOGAIT	714920	69.199	-122.359	8
WHATI	711630	63.134	-117.244	8
YELLOWKNIFE	719360	62.46	-114.44	8
YOHIN	710200	61.242	-123.742	8
Nova Scotia (NS)				
AMHERST	743905	45.851	-64.26	6A
BACCARO POINT	719200	43.451	-65.472	6A
BEAVER ISLAND	714030	44.825	-62.339	6A
BEDFORD BASIN	713290	44.71	-63.63	5A

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
BEDFORD RANGE	713250	44.747	-63.665	6A
BRIER ISLAND	719880	44.286	-66.343	5A
CARIBOU POINT	714150	45.764	-62.681	6A
CFB GREENWOOD	713970	44.98	-64.92	5A
CHETICAMP CS	719590	46.65	-60.95	6A
DEBERT	713170	45.422	-63.466	6A
ESKASONI FIRST NATION	711750	45.921	-60.647	6A
FOURCHU HEAD	714160	45.717	-60.23	6A
GRAND ETANG	730300	46.55	-61.05	6A
HALIFAX DOCKYARD	713280	44.66	-63.58	5A
HALIFAX HARBOR BUOY 44258	995390	44.5	-63.4	6A
HALIFAX KOOTENAY	713260	44.59	-63.55	5A
HALIFAX STANFIELD	713950	44.88	-63.5	6A
HALIFAX WINDSOR PARK	713270	44.657	-63.608	5A
HART ISLAND	714190	45.344	-60.99	6A
INGONISH BEACH	710270	46.663	-60.406	6A
KEJIMKUJIK	715990	44.403	-65.203	6A
KENTVILLE	716710	45.07	-64.48	6A
LUNENBURG	710415	44.36	-64.3	5A
MALAY FALLS	730290	44.98	-62.48	6A
MCNABS ISLAND	715910	44.602	-63.533	5A
NAPPAN	713110	45.76	-64.241	6A
NORTH MOUNTAIN	716040	46.818	-60.673	7
NORTHEAST MARGAREE	730270	46.369	-60.976	6A
OSBORNE HEAD	713240	44.613	-63.422	6A
PARRSBORO	714930	45.413	-64.346	6A
PORT HAWKESBURY	710410	45.657	-61.373	6A
SABLE ISLAND	730250	43.931	-60.008	5A
SHEARWATER	716010	44.63	-63.513	5A
SHEARWATER JETTY	716015	44.628	-63.522	5A
ST PAUL ISLAND	714180	47.226	-60.14	6A
SYDNEY	717070	46.163	-60.043	6A
TRACADIE	713080	45.608	-61.68	6A
TRURO	743985	45.37	-63.27	6A
UPPER STEWIACKE	717530	45.233	-63.055	6A
WESTERN HEAD	714110	43.99	-64.664	6A
YARMOUTH	716030	43.831	-66.089	5A
Nunavut (NU)				
ALERT AP	710820	82.52	-62.28	8
ALERT CS	713550	82.493	-62.35	8
ARCTIC BAY CS	715920	72.993	-85.012	8
ARVIAT	711740	61.098	-94.069	8

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
BAKER LAKE AP	719260	64.299	-96.078	8
BAKER LAKE CS	713560	64.319	-96.002	8
BREVOORT ISLAND	710970	63.34	-64.157	8
BROUGHTON ISLAND	710960	67.536	-63.789	8
BYRON BAY	719290	68.75	-109.07	8
CAMBRIDGE BAY	712880	69.107	-105.116	8
CAPE DORSET	713660	64.231	-76.53	8
CAPE DYER	710940	66.665	-61.358	8
CAPE DYER AP	710945	66.596	-61.581	8
CAPE HOOPER	710930	68.472	-66.798	8
CAPE MERCY	719750	64.958	-63.578	8
CAPE PEEL WEST	710640	69.036	-107.823	8
CAPE YOUNG	719390	68.933	-116.917	8
CLINTON POINT	710530	69.58	-120.8	8
CLYDE RIVER	710900	70.486	-68.517	8
CORAL HARBOUR	719150	64.188	-83.349	8
CROKER RIVER	710590	69.28	-119.22	8
DEWAR LAKES	710920	68.651	-71.234	8
DUBAWNT LAKE	714999	63.23	-101.76	8
ENNADAI LAKE	719230	61.132	-100.884	8
EUREKA	719170	79.989	-85.934	8
GJOA HAVEN	715970	68.636	-95.85	8
GLADMAN POINT	729720	68.67	-97.8	8
GRISE FIORD	719710	76.423	-82.902	8
HALL BEACH	713200	68.78	-81.24	8
HAT ISLAND	710840	68.32	-100.09	8
IQALUIT	719090	63.748	-68.544	8
ISACHSEN	710740	78.792	-103.554	8
JENNY LIND ISLAND	710710	68.65	-101.73	8
KUGAARUK	714070	68.538	-89.789	8
KUGLUKTUK	713320	67.817	-115.135	8
LADY FRANKLIN POINT	719370	68.475	-113.221	8
LONGSTAFF BLUFF	710910	68.899	-75.141	8
LUPIN	714700	65.76	-111.25	8
MACKAR INLET	710800	68.3	-85.67	8
NANISIVIK AP	729140	72.98	-84.62	8
PANGNIRTUNG	718260	66.143	-65.711	8
PELLY BAY	719180	68.437	-89.726	8
POND INLET	710950	72.693	-77.957	8
QIKIQTARJUAQ	713570	67.547	-64.033	8
RANKIN INLET	710830	62.81	-92.11	8
REA POINT	719830	75.367	-105.717	8

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
RESOLUTE BAY	719240	74.72	-94.97	8
RESOLUTION ISLAND	719720	61.596	-64.639	8
ROBERTSON LAKE	714900	65.1	-102.43	8
ROWLEY ISLAND	710880	69.067	-79.065	8
SHEPHERD BAY	719110	68.817	-93.433	8
STEFANSSON ISLAND	710170	73.766	-105.296	8
TALOYOAK	715800	69.55	-93.58	8
WAGER BAY	710490	65.879	-89.446	8
Ontario (ON)				
ALGONQUIN PARK EAST GATE	715810	45.536	-78.262	7
ARMSTRONG	718410	50.294	-88.905	7
ATIKOKAN	717470	48.761	-91.628	7
BANCROFT	712940	45.072	-77.88	6A
BARRIE	714361	44.38	-79.78	6A
BARRIE-ORO	713140	44.484	-79.546	6A
BEATRICE	716940	45.136	-79.399	6A
BEAUSOLEIL	714325	44.85	-79.87	6A
BELLE RIVER	716363	42.3	-82.7	5A
BIG TROUT LAKE	716750	53.82	-89.9	8
BRITT	727320	45.8	-80.53	7
BROCKVILLE	711610	44.635	-75.752	6A
BURLINGTON PIERS	714370	43.3	-79.792	5A
CAMERON FALLS	712910	49.154	-88.345	7
CARIBOU ISLAND	714330	47.339	-85.826	7
CFB BORDEN	715340	44.27	-79.91	6A
CFB PETAWAWA	716250	45.948	-77.311	6A
CFB TRENTON	716210	44.118	-77.524	6A
CHAPLEAU	716420	47.82	-83.347	7
COBOURG	714310	43.956	-78.151	6A
COLLINGWOOD	712700	44.505	-80.223	6A
COVE ISLAND	714390	45.327	-81.735	6A
DELHI	715730	42.864	-80.545	5A
DRYDEN	715270	49.83	-92.74	7
EAR FALLS	712950	50.631	-93.221	7
EARLTON	716840	47.698	-79.853	7
EGBERT CS	712960	44.233	-79.78	6A
ELORA RESEARCH STATION	713520	43.642	-80.412	6A
ERIEAU	714650	42.257	-81.908	5A
FORT FRANCES	719620	48.651	-93.439	7
FORT SEVERN	710990	56.02	-87.68	8
GERALDTON	718340	49.783	-86.931	7
GODERICH	712610	43.765	-81.712	5A

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
GORE BAY	719560	45.885	-82.574	6A
GREAT DUCK ISLAND	714620	45.642	-82.962	6A
GRENADIER ISLAND	712810	44.42	-75.85	6A
GUELPH TURFGRASS INSTITUTE	718330	43.547	-80.215	6A
HAMILTON INTL	712630	43.173	-79.934	5A
HAMILTON RBG	712970	43.286	-79.905	5A
HARROW	712980	42.033	-82.896	5A
KAPUSKASING	712990	49.405	-82.443	7
KEMPTVILLE	713000	45.005	-75.637	6A
KENORA	718500	49.791	-94.361	7
KILLARNEY	714600	45.968	-81.489	6A
KINGSTON CLIMATE	718200	44.223	-76.599	6A
KIRKLAND LAKE	713010	48.151	-80.012	7
LAGOON CITY	712820	44.548	-79.221	6A
LANSDOWNE HOUSE	718460	52.2	-87.94	7
LITTLE FLATLAND ISLAND	714680	49.69	-88.306	7
LONDON INTL	716230	43.027	-81.149	5A
LONG POINT	714640	42.549	-80.049	5A
MCMASTER UNIVERSITY	712975	43.262	-79.92	5A
MOOSONEE	713980	51.291	-80.617	7
MOUNT FOREST	716310	43.989	-80.745	6A
MUSKOKA	715320	44.973	-79.304	6A
MUSKRAT DAM	716780	53.44	-91.76	8
NAGAGAMI	718320	49.747	-84.164	7
NORTH BAY	717310	46.365	-79.423	7
ON EGBERT 1 W	712961	44.233	-79.781	6A
OSHAWA	716970	43.92	-78.893	6A
OTTAWA CDA	710630	45.383	-75.714	6A
OTTAWA INTL	716280	45.317	-75.674	6A
PARRY SOUND	711720	45.344	-80.042	6A
PEAWANUCK	714340	54.99	-85.441	8
PEMBROKE	711960	45.86	-77.252	6A
PETERBOROUGH	714360	44.23	-78.353	6A
PETERBOROUGH TRENT UNIVERSITY	716720	44.351	-78.295	6A
PICKLE LAKE	718450	51.449	-90.218	7
POINT PELEE	713030	41.949	-82.519	5A
POINT PETRE	714300	43.84	-77.153	5A
PORT COLBORNE	714630	42.867	-79.251	5A
PORT WELLER	714320	43.245	-79.218	5A
PUKASKWA	717500	48.608	-86.287	7
RAWSON LAKE	718550	49.66	-93.728	7
RED LAKE	718540	51.07	-93.79	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
REGION OF WATERLOO INTL	713680	43.462	-80.386	6A
RIDGETOWN	713070	42.454	-81.886	5A
ROYAL ISLAND	718590	49.467	-94.761	7
SANDY LAKE A	715870	53.063	-93.344	7
SARNIA CHRIS HADFIELD	717040	42.995	-82.308	5A
SAULT STE MARIE	712600	46.484	-84.499	6A
SIMCOE	715274	42.85	-80.27	5A
SIOUX LOOKOUT	718420	50.121	-91.903	7
SOUTHEAST SHOAL	714660	41.827	-82.463	5A
SUDBURY	717300	46.624	-80.794	7
THUNDER BAY	710720	48.369	-89.327	7
TIMMINS	717390	48.568	-81.378	7
TOBERMORY	717670	45.224	-81.635	6A
TORONTO BILLY BISHOP	712650	43.627	-79.397	5A
TORONTO BUTTONVILLE	716390	43.866	-79.368	5A
TORONTO PEARSON	716240	43.666	-79.606	5A
TROWBRIDGE	714611	48.292	-88.876	7
UNIVERSITY OF TORONTO	715080	43.666	-79.395	5A
UNIVERSITY OF WATERLOO	713685	43.474	-80.557	6A
UPSALA	714350	49.036	-90.461	7
UT MISSISSAUGA	716245	43.553	-79.666	5A
VINELAND STATION RCS	711710	43.191	-79.399	5A
WAWA	717380	47.973	-84.782	7
WELCOME ISLAND	717510	48.369	-89.119	7
WELLAND-PELHAM	717520	42.973	-79.325	5A
WESTERN ISLANDS	714380	45.036	-80.358	6A
WIARTON	716330	44.748	-81.111	6A
WINDSOR	715380	42.279	-82.949	5A
Prince Edward Island (PE)				
CHARLOTTETOWN	717060	46.289	-63.129	6A
EAST POINT	714120	46.46	-61.988	6A
HARRINGTON	713500	46.344	-63.17	6A
MAPLE PLAINS	710267	46.3	-63.58	6A
NORTH CAPE	719870	47.058	-63.997	6A
ST PETERS	713100	46.45	-62.576	6A
SUMMERSIDE	717020	46.441	-63.837	6A
Quebec (QC)				
AMQUI	713860	48.472	-67.435	7
BAGOTVILLE	717270	48.335	-70.99	7
BAIE-COMEAU	718290	49.259	-68.146	7
BAIE-COMEAU	716910	49.135	-68.202	7
BARRAGE ANGLIERS	718201	47.55	-79.24	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
BARRAGE TEMISCAMINGUE	717320	46.71	-79.101	6A
BEAUCEVILLE	713230	46.205	-70.785	7
BONNARD	713830	50.729	-71.013	7
BORDER	719010	55.333	-63.202	8
CAP WHITTLE	713740	50.177	-60.121	7
CAP-CHAT	714280	49.109	-66.654	7
CAP-D'ESPOIR	714290	48.419	-64.317	7
CAP-MADELEINE	714250	49.251	-65.325	7
CAP-ROUGE	711860	48.374	-70.535	7
CAP-TOURMENTE	713840	47.079	-70.781	6A
CFB VALCARTIER	717160	46.9	-71.503	7
CHAMOUCHOUANE	715230	49.278	-73.356	7
CHAPAIS	718240	49.822	-74.975	7
CHARLEVOIX MRC	713190	47.284	-70.637	7
CHEVERY	718140	50.465	-59.639	7
CHIBOUGAMAU CHAPAIS	718220	49.777	-74.53	7
CHUTE-DES-PASSES	715220	49.84	-71.168	7
DESCHAMBAULT	713890	46.691	-71.972	7
FORET MONTMORENCY	712120	47.323	-71.148	7
FRELIGHSBURG	713730	45.039	-72.856	6A
GASPE	711880	48.777	-64.478	7
GRANBY	710367	45.373	-72.774	6A
HAVRE ST PIERRE	715840	50.282	-63.611	7
HEATH POINT	714230	49.085	-61.701	7
ILE AUX PERROQUETS	713750	50.221	-64.207	7
ILE BICQUETTE	713850	48.415	-68.893	7
ILE D'ORLEANS	714240	46.997	-70.808	6A
ILE ROUGE	714260	48.069	-69.556	7
ILES DE LA MADELEINE	717100	47.425	-61.775	6A
INUKJUAK	719070	58.467	-78.079	8
JONQUIERE	716170	48.425	-71.142	7
KUUJJUAQ	719060	58.099	-68.418	8
KUUJJUARAPIK	719050	55.282	-77.765	8
L'ACADIE	713720	45.294	-73.35	6A
L'ASSOMPTION	715240	45.809	-73.435	6A
L'ETAPE	713820	47.562	-71.229	7
LA BAIE	713880	48.298	-70.919	7
LA GRANDE 4	710030	53.755	-73.675	8
LA GRANDE RIVIERE	718270	53.63	-77.7	8
LA POCATIERE	717130	47.354	-70.029	6A
LA TUQUE	713780	47.411	-72.787	7
LAC BENOIT	715200	51.532	-71.111	8

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
LAC EON	714210	51.867	-63.283	8
LAC MEMPHREMAGOG	710359	45.268	-72.162	6A
LAC SAINT-PIERRE	711980	46.183	-72.917	6A
LATERRIERE	710400	48.307	-71.129	7
LEMIEUX	716160	46.3	-72.06	7
LES GRANDES CHUTES	713910	45.84	-75.649	6A
LONGUE-POINTE-DE-MINGAN	715120	50.271	-64.226	7
LOURDES DE BLANC SABLON	718080	51.443	-57.189	7
MANIWAKI	717210	46.274	-75.988	7
MANOUANE EST	715210	50.656	-70.532	8
MATAGAMI	718210	49.758	-77.793	7
MISTOOK	713810	48.598	-71.716	7
MONT JOLI	717180	48.603	-68.21	7
MONT-ORFORD	716181	45.312	-72.242	7
MONTREAL MCTAVISH	716120	45.505	-73.579	6A
MONTREAL MIRABEL INTL	716278	45.669	-74.032	6A
MONTREAL ST-HUBERT	713710	45.52	-73.42	6A
MONTREAL TRUDEAU	716270	45.467	-73.75	6A
MONTREAL-EST	716751	45.63	-73.55	6A
NATASHQUAN	715130	50.19	-61.79	7
NEW CARLISLE	716190	48.012	-65.332	7
NICOLET	717230	46.226	-72.657	6A
NORMANDIN	713790	48.842	-72.547	7
ONATCHIWAY	713870	48.894	-71.032	7
OTTAWA GATINEAU	716279	45.52	-75.563	6A
PARC NATL DES PINGUALUIT	719760	61.313	-73.668	8
PARENT	717260	47.922	-74.624	7
POINTE CLAVEAU	711890	48.261	-70.115	7
POINTE DE L'ISLET	711900	48.136	-69.716	7
POINTE NOIRE	713900	50.151	-66.425	7
POINTE-AU-PERE	715540	48.514	-68.468	7
POINTE-DES-MONTS	714270	49.326	-67.367	7
PORT-MENIER	718100	49.839	-64.293	7
QUEBEC CITY BEAUPORT	715780	46.837	-71.197	6A
QUEBEC CITY JEAN LESAGE	717080	46.804	-71.382	6A
QUEBEC CITY SAINTE-FOY	713920	46.78	-71.287	6A
RIVIERE AUX FEUILLES	717430	57.91	-72.976	8
RIVIERE-DU-LOUP	717150	47.806	-69.549	7
ROBERVAL	717280	48.523	-72.266	7
ROQUEMAURE	717361	48.63	-79.46	7
ROUYN-NORANDA	717340	48.246	-79.034	7
ROUYN-NORANDA AP	717255	48.206	-78.836	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
SAINT-GERMAIN-DE-GRANTHAM	719670	45.825	-72.537	6A
SAINT-MICHEL-DES-SAINTS	717370	46.816	-74.094	7
SCHEFFERVILLE	718280	54.8	-66.8	8
SEPT-ILES	718110	50.218	-66.241	7
SHAWINIGAN	713700	46.564	-72.733	6A
SHERBROOKE AP	716100	45.44	-71.692	6A
SHERBROOKE LENNOXVILLE	716110	45.369	-71.823	6A
ST-ANICET	717120	45.121	-74.289	6A
ST-JOVITE	713760	46.08	-74.556	7
STE AGATHE DES MONTS	727200	46.05	-74.28	7
STE-ANNE-DE-BELLEVUE	713770	45.427	-73.929	6A
STE-CLOTILDE	716140	45.167	-73.678	6A
THETFORD MINES	714940	46.049	-71.266	7
TROIS-RIVIERES	717240	46.354	-72.516	6A
VAL-D'OR	717250	48.056	-77.787	7
VARENNES	711840	45.723	-73.376	6A
Saskatchewan (SK)				
ASSINIBOIA	714870	49.73	-105.95	7
BEARTOOTH ISLAND	711340	59.208	-109.693	8
BRATT'S LAKE	715690	50.201	-104.71	7
BROADVIEW	718610	50.368	-102.571	7
BUFFALO NARROWS	710770	55.841	-108.421	7
COLLINS BAY	710750	58.229	-103.678	8
CORONACH SPC	715160	49.05	-105.48	7
CREE LAKE	729200	57.35	-107.13	8
CYPRESS HILLS PARK	711390	49.641	-109.514	7
EASTEND CYPRESS	711310	49.438	-108.989	7
ELBOW	714500	51.126	-106.583	7
ESTEVAN	718620	49.205	-102.967	7
HUDSON BAY	718680	52.814	-102.309	7
INDIAN HEAD	715150	50.55	-103.65	7
ISLAND FALLS	713310	55.53	-102.35	7
JIMMY LAKE	710230	54.908	-109.962	7
KEY LAKE	710330	57.256	-105.618	8
KINDERSLEY	711290	51.52	-109.18	7
LA RONGE	715860	55.146	-105.27	7
LAST MOUNTAIN	715560	51.415	-105.243	7
LEADER	714590	50.91	-109.503	7
LOON LAKE	712730	54.02	-109.138	7
LUCKY LAKE	714550	50.95	-107.15	7
MAPLE CREEK	714530	49.903	-109.466	6A
MEADOW LAKE	719700	54.129	-108.511	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
MELFORT	714560	52.816	-104.596	7
MOOSE JAW	715390	50.332	-105.537	7
NIPAWIN	713120	53.333	-104.005	7
NORTH BATTLEFORD	718760	52.769	-108.251	7
OUTLOOK	715510	51.48	-107.05	7
PRINCE ALBERT	718690	53.21	-105.677	7
REGINA	715140	50.427	-104.67	7
ROCKGLEN	711350	49.168	-105.979	7
ROSETOWN EAST	715100	51.57	-107.92	7
SASKATOON INTL	718660	52.174	-106.719	7
SASKATOON KERNEN FARM	715131	52.15	-106.55	7
SCOTT	714890	52.36	-108.835	7
SOUTHEND	714510	56.337	-103.287	8
SPIRITWOOD WEST	711330	53.366	-107.556	7
STONY RAPIDS	711320	59.25	-105.84	8
SWIFT CURRENT AP	711420	50.29	-107.69	7
SWIFT CURRENT CDA	714460	50.26	-107.737	7
URANIUM CITY	710760	59.562	-108.478	8
VAL MARIE SOUTHEAST	711370	49.06	-107.59	7
WASKESIU LAKE	714540	53.92	-106.07	7
WATROUS EAST	715110	51.67	-105.4	7
WEYBURN	714520	49.7	-103.8	7
WYNYARD	718650	51.77	-104.2	7
YORKTON	712920	51.26	-102.462	7
Yukon Territory (YT)				
BURWASH	710010	61.37	-139.032	8
CARMACKS	710390	62.115	-136.192	8
DAWSON	719660	64.045	-139.127	8
FARO	719490	62.21	-133.385	8
HAINES JUNCTION	715050	60.773	-137.58	8
HERSCHEL ISLAND	715010	69.568	-138.911	8
IVVAVIK NATL PARK	719780	69.164	-140.15	8
KOMAKUK BEACH	710460	69.595	-140.18	8
MACMILLAN PASS	719900	63.244	-130.037	8
MARGARET LAKE	719770	68.801	-140.847	8
MAYO	719650	63.616	-135.88	8
OLD CROW	710440	67.568	-139.845	8
ROCK RIVER	715060	66.981	-136.218	8
SHINGLE POINT	719680	68.923	-137.261	8
TESLIN	710450	60.175	-132.734	7
WATSON LAKE	711990	60.114	-128.824	8
WHITEHORSE	719640	60.733	-135.098	7

Table A-5 Canadian Stations and Climate Zones

Province Location	WMO #	Latitude	Longitude	Climate Zone
Environmental Buoys				
C DIXON ENTRANCE BUOY 46145	996410	54.37	-132.44	5C
EAST DELLWOOD BUOY 46207	996620	50.87	-129.92	4C
EAST SCOTIA SLOPE BUOY 44137	995480	42.26	-62	4A
LA PEROUSE BANK BUOY 46206	996500	48.84	-126	4C
LAURENTIAN FAN BUOY 44141	996260	43	-58	4A
MIDDLE NOMAD BUOY 46004	992190	50.93	-136.1	5A
N HECATE STRAIT BUOY 46183	996460	53.62	-131.1	5C
NANAKWA SHOAL BUOY 46181	996520	53.83	-128.83	5C
NORTH NOMAD BUOY 46184	996210	53.91	-138.85	5A
S HECATE STRAIT BUOY 46185	996530	52.42	-129.79	5C
SOUTH BROOKS BUOY 46132	996960	49.74	-127.93	4C
SOUTH NOMAD BUOY 46036	992930	48.35	-133.94	4C
W DIXON ENTRANCE BUOY 46205	996490	54.16	-134.28	5C
WEST MORESBY BUOY 46208	996510	52.52	-132.69	5C
WEST SEA OTTER BUOY 46204	996540	51.38	-128.77	5C

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
Afghanistan (AFG)				
BAGRAM	697284	34.944	69.259	3B
KABUL INTL	409480	34.555	69.214	4B
KANDAHAR AP	409900	31.502	65.852	2B
MAZAR-I-SHARIF INTL	409110	36.706	67.219	2B
Albania (ALB)				
KORCA	136290	40.6	20.767	4A
KUCOVE	136240	40.8	19.9	3A
SHKODRA	136000	42.1	19.533	3A
TIRANA RINAS	136150	41.415	19.721	3A
Algeria (DZA)				
ADRAR	606200	27.838	-0.186	1B
AFARA	606770	25.333	7.8	2B
ANNABA	603600	36.822	7.804	3A
ARZEW	604520	35.817	-0.267	3B
BATNA	604680	35.752	6.309	3B
BECHAR	605710	31.646	-2.27	2B
BEJAIA SOUMMAM ABANE RAMDANE	604020	36.712	5.07	3A
BISKRA	605250	34.793	5.738	2B
BORDJ BOU ARRERIDJ	604440	36.067	4.667	3A
CHELFF	604250	36.213	1.332	2A
CONSTANTINE BOUDIAF INTL	604190	36.276	6.62	3A
DAR EL BEIDA	603900	36.69	3.217	3A
DJANET TISKA	606700	24.293	9.452	2B
EL BAYADH	605500	33.717	1.083	3B
EL MENIA	605900	30.571	2.86	2B
EL OUED GUEMAR	605590	33.511	6.777	2B
GHARDAIA NOUMERAT	605660	32.384	3.794	2B
HASSI MESSAOUD	605810	31.673	6.14	1B
ILLIZI TAKHAMALT	606400	26.724	8.623	1B
IN AMENAS	606110	28.052	9.643	2B
IN SALAH	606300	27.233	2.5	0B
JIJEL FERHAT ABBAS	603510	36.795	5.874	3A
LAGHOUAT	605450	33.764	2.927	2B
MASCARA GHRISS	605070	35.208	0.147	3B
MASCARA MATEMORE	605060	35.33	0.21	3B
MECHERIA	605490	33.536	-0.242	3B
MERTOUEK	606720	24.227	5.54	2B
MOSTAGANEM	604570	35.883	0.117	3A
ORAN ES SENIA	604900	35.624	-0.621	3B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ORAN TAFARAOUI	604592	35.533	-0.533	3B
OUARGLA	605800	31.917	5.413	1B
SAIDA	605360	34.891	0.158	3B
SETIF AIN ARNAT	604450	36.178	5.324	4B
SKIKDA	603550	36.885	6.902	3A
TAGUENTOUR	606190	28.467	2.517	2B
TAMANRASSET	606800	22.8	5.433	2B
TAMANRASSET ASSEKREM	606790	23.26	5.632	3C
TEBESSA	604750	35.432	8.121	3B
TIARET BOU CHEKIF	605110	35.341	1.463	3B
TIMIMOUN	606070	29.237	0.276	1B
TINDOUF	606560	27.7	-8.167	1B
TIZI-OUZOU	603950	36.724	4.018	3A
TLEMCEN ZENATA	605310	35.017	-1.45	3A
TOUGGOURT	605550	33.068	6.089	2B
American Samoa (ASM)				
PAGO PAGO	917650	-14.331	-170.714	0A
Antarctica (ATA)				
AMERY G3	897670	-70.892	69.873	8
ARTIGAS BASE	890540	-62.185	-58.905	8
BASE ARTURO PRAT	890570	-62.479	-59.665	8
BASE BELGRANO II	890340	-77.874	-34.626	8
BASE BERNARDO O'HIGGINS	890590	-63.321	-57.899	8
BASE CARLINI	890530	-62.238	-58.665	8
BASE ESPERANZA	889630	-63.399	-56.998	8
BASE MARAMBIO	890550	-64.241	-56.625	8
BASE MONTALYA	890560	-62.195	-58.974	8
BASE ORCADAS	889680	-60.738	-44.738	8
BASE SAN MARTIN	890660	-68.13	-67.104	8
BELLINGSHAUSEN STATION	890500	-62.192	-58.936	8
BUTLER ISLAND	892660	-72.206	-60.17	8
CAPE PHILLIPS	896610	-73.518	169.749	8
CAPE ROSS	896660	-76.715	162.97	8
CASEY SKIWAY SOUTH	898090	-66.285	110.743	8
CASEY STATION	896110	-66.282	110.523	8
DAVIS STATION	895710	-68.574	77.967	8
DUMONT D'URVILLE STATION	896420	-66.663	140.001	8
GREAT WALL STATION	890580	-62.217	-58.967	8
HALLEY STATION	890220	-75.607	-26.208	8
LARSEN ICE SHELF	892620	-67.013	-61.47	8

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
LAW DOME SUMMIT	898110	-66.73	112.835	8
LIMBERT	892570	-75.914	-59.264	8
LINDA	897690	-78.394	168.446	8
MANUELA	898640	-74.946	163.687	8
MARBLE POINT	898660	-77.439	163.754	8
MARILYN	898690	-79.904	165.774	8
MAWSON STATION	895640	-67.602	62.875	8
MCMURDO PEGASUS NORTH	896670	-77.95	166.5	8
MCMURDO STATION	896640	-77.85	166.667	8
MIRNY STATION	895920	-66.553	93.01	8
MOLODYOZHNAYA STATION	895420	-67.666	45.85	8
MOUNT SIPLE	893270	-73.198	-127.052	8
NEUMAYER STATION III	890020	-70.676	-8.274	8
NORDENSKIOLD BASE	890140	-73.05	-13.383	8
NOVOLAZAREVSKAJA STATION	895120	-70.777	11.821	8
PALMER STATION	890610	-64.774	-64.053	8
POSSESSION ISLAND	898790	-71.891	171.21	8
PROGRESS STATION	895740	-69.378	76.391	8
ROTHERA STATION	890620	-67.566	-68.13	8
SANAE IV BASE	890040	-71.674	-2.839	8
SCHWERDTFEGER	898680	-79.816	170.358	8
SHOWA STATION	895320	-69.005	39.581	8
SIPLE DOME	893450	-81.653	-148.99	8
SKY-BLU	892720	-74.792	-71.49	8
THERESA	893140	-84.6	-115.817	8
TROLL STATION	895040	-72.012	2.541	8
VERNADSKY BASE	890630	-65.246	-64.258	8
ZHONGSHAN	895730	-69.374	76.372	8
Antigua and Barbuda (ATG)				
VC BIRD INTL	788620	17.137	-61.793	0A
Argentina (ARG)				
AZUL	876410	-36.832	-59.886	3A
BAHIA BLANCA	877500	-38.715	-62.163	3A
BUENOS AIRES EZEIZA	875760	-34.819	-58.542	3A
BUENOS AIRES NEWBERY	875820	-34.559	-58.42	3A
BUENOS AIRES OBSERVATORIO	875850	-34.59	-58.484	3A
BUENOS AIRES SAN FERNANDO	875530	-34.455	-58.584	3A
CATAMARCA	872220	-28.594	-65.755	2B
CATARATAS DEL IGUAZU	870970	-25.731	-54.479	2A
CERES	872570	-29.876	-61.936	2A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CHAMICAL	873200	-30.348	-66.296	2B
COMODORO RIVADAVIA	878600	-45.792	-67.462	4C
CONCORDIA	873950	-31.302	-58.001	3A
CORDOBA	873440	-31.297	-64.212	3A
CORRIENTES	871660	-27.45	-58.76	2A
DOLORES	876480	-36.317	-57.717	3A
EL CALAFATE INTL	879040	-50.284	-72.051	5C
EL CALAFATE LAGO ARGENTINO	879030	-50.336	-72.249	5C
ESQUEL	878030	-42.906	-71.145	5C
FORMOSA	871620	-26.212	-58.229	2A
GUALEGUAYCHU	874970	-33.013	-58.611	3A
JUJUY	870460	-24.384	-65.096	2A
JUNIN	875480	-34.553	-60.931	3A
LA PLATA	875930	-34.966	-57.896	3A
LA QUIACA	870070	-22.103	-65.601	4B
LA RIOJA	872170	-29.382	-66.793	2B
LABOULAYE	875340	-34.128	-63.367	3A
MALARGUE	875060	-35.481	-69.583	4B
MAR DEL PLATA	876920	-37.932	-57.581	3A
MARCOS JUAREZ	874670	-32.68	-62.151	3A
MENDOZA	874180	-32.844	-68.796	3B
MONTE CASEROS	873930	-30.262	-57.639	2A
NEUQUEN	877150	-38.952	-68.137	3B
ORAN	870160	-23.155	-64.328	2A
PARANA	873740	-31.79	-60.484	3A
PASO DE LOS LIBRES	872890	-29.689	-57.149	2A
PILAR	873490	-31.668	-63.882	3A
POSADAS	871780	-27.391	-55.967	2A
RECONQUISTA	872700	-29.205	-59.693	2A
RESISTENCIA	871550	-27.439	-59.046	2A
RIO CUARTO	874530	-33.096	-64.277	3A
RIO GALLEGOS	879250	-51.612	-69.308	5B
RIO GRANDE	879340	-53.78	-67.759	6A
ROSARIO	874800	-32.908	-60.782	3A
SAENZ PENA	871480	-26.746	-60.487	2A
SALTA	870470	-24.844	-65.476	3A
SAN ANTONIO OESTE	877840	-40.757	-65.031	3B
SAN CARLOS DE BARILOCHE	877650	-41.148	-71.164	5C
SAN JUAN	873110	-31.575	-68.422	3B
SAN JULIAN	879090	-49.308	-67.803	5B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SAN LUIS	874360	-33.274	-66.351	3B
SAN MARTIN	874160	-33.073	-68.465	3B
SAN MIGUEL DE TUCUMAN	871210	-26.837	-65.108	2A
SAN RAFAEL	875090	-34.591	-68.402	3B
SANTA FE	873710	-31.708	-60.805	3A
SANTA ROSA	876230	-36.593	-64.28	3A
SANTIAGO DEL ESTERO	871290	-27.755	-64.3	2B
TANDIL	876450	-37.241	-59.233	3A
TARTAGAL	870220	-22.617	-63.797	2A
TRELEW	878280	-43.209	-65.282	3B
USHUAIA	879380	-54.84	-68.303	6A
VIEDMA	877910	-40.863	-63.007	3B
VILLA DOLORES	873280	-31.951	-65.149	3B
VILLA REYNOLDS	874480	-33.718	-65.374	3A
Armenia (ARM)				
AMASIA	376820	40.95	43.784	6A
GYUMRI	376860	40.763	43.856	6A
SEVAN	377090	40.55	44.933	6A
SEVAN OZERO	377170	40.565	45.008	6A
YEREVAN ARABKIR	377890	40.212	44.53	4A
YEREVAN ZVARTNOTS	377880	40.15	44.383	4B
Aruba (ABW)				
QUEEN BEATRIX INTL	789820	12.5	-70.017	0B
Australia (AUS)				
ADELAIDE AP	946720	-34.953	138.52	3B
ADELAIDE EDINBURGH	956760	-34.711	138.622	3B
ADELAIDE KENT TOWN	946750	-34.921	138.622	3A
ADELAIDE MOUNT LOFTY	956780	-34.978	138.709	4C
ADELAIDE PARAFIELD	956770	-34.798	138.628	3B
ADELE ISLAND	942100	-15.511	123.156	0A
AIREYS INLET	948460	-38.458	144.088	3A
ALBANY	948020	-34.941	117.802	3C
ALBURY	958960	-36.069	146.951	3A
ALICE SPRINGS	943260	-23.795	133.889	2B
ALVA BEACH	952960	-19.457	147.483	1A
AMBERLEY	945680	-27.63	152.711	2A
APPLETHORPE	945530	-28.622	151.953	3A
ARARAT	948340	-37.277	142.981	4A
ARGYLE	942170	-16.638	128.452	0B
ARMIDALE	957730	-30.527	151.616	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
AVALON	948540	-38.029	144.478	3A
AYR	952950	-19.617	147.376	2A
BADGINGARRA	946030	-30.338	115.539	3A
BAIRNSDALE	949120	-37.882	147.567	3A
BALLARAT	948520	-37.513	143.791	4A
BALLINA	945960	-28.835	153.559	3A
BARROW ISLAND AP	953040	-20.874	115.406	1B
BATCHELOR	941250	-13.054	131.025	0A
BATHURST	947290	-33.412	149.654	4A
BEAUDESERT	955750	-27.971	152.99	2A
BEDOUT ISLAND	943100	-19.589	119.1	0B
BEERBURRUM FOREST	955660	-26.959	152.962	2A
BEGA	959310	-36.672	149.819	3A
BELLAMBI	947490	-34.369	150.929	3A
BEN NEVIS	948350	-37.228	143.201	5A
BENDIGO	948550	-36.739	144.327	3A
BIRDSVILLE	954820	-25.898	139.347	1B
BLACKALL	953510	-24.43	145.431	2B
BOMBALA	949290	-37.002	149.234	4A
BOMBO HEADLAND	957490	-34.653	150.861	3A
BORROLOOLA	941520	-16.077	136.305	1A
BOUGAINVILLE REEF	952880	-15.488	147.118	1A
BOULIA	943330	-22.912	139.904	1B
BOURKE	947030	-30.036	145.952	2B
BOWEN	943660	-20.015	148.214	1A
BRADSHAW	941300	-14.941	130.809	0A
BRAIDWOOD	949270	-35.425	149.784	4A
BRIDGETOWN	956320	-33.949	116.131	3C
BRISBANE AP	945780	-27.392	153.129	2A
BRISBANE ARCHERFIELD	945750	-27.572	153.007	2A
BRISBANE RAYMOND PARK	945760	-27.481	153.039	2A
BRISBANE REDCLIFFE	955910	-27.217	153.092	2A
BROKEN HILL	946910	-32.001	141.469	3B
BROOME	942030	-17.948	122.235	0B
BROWSE ISLAND	941030	-14.109	123.548	0A
BULMAN	941430	-13.671	134.341	0A
BUNBURY	946040	-33.357	115.645	3A
BUNDABERG	943870	-24.907	152.322	2A
BURKETOWN	942600	-17.748	139.536	0B
BUSHY PARK	949640	-42.71	146.898	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BUSSELTON JETTY	956020	-33.631	115.339	3C
BUSSELTON MARGARET RIVER	956110	-33.686	115.401	3C
BUTLERS GORGE	949590	-42.275	146.276	5A
CABRAMURRA	959160	-35.937	148.378	5A
CAIRNS	942870	-16.874	145.745	1A
CAMOOWEAL TOWNSHIP	942550	-19.922	138.121	1B
CAMPANIA KINKORA	959720	-42.687	147.426	4A
CANBERRA AP	949260	-35.309	149.2	4A
CANBERRA TUGGERANONG	949250	-35.418	149.094	4A
CAPE BORDA	958050	-35.755	136.596	3C
CAPE BRUNY LH	959670	-43.489	147.144	4A
CAPE BYRON LH	945990	-28.633	153.633	2A
CAPE DON	941290	-11.307	131.766	0A
CAPE FLATTERY	941880	-14.967	145.311	1A
CAPE GRIM	959540	-40.679	144.69	3C
CAPE LEEUWIN	946010	-34.373	115.136	3C
CAPE MORETON LH	945940	-27.031	153.466	2A
CAPE NATURALISTE	946000	-33.537	115.019	3C
CAPE NELSON	948260	-38.431	141.544	3C
CAPE OTWAY LH	948420	-38.855	143.514	3A
CAPE SORELL	949740	-42.199	145.17	4A
CAPE WESSEL	941470	-11.004	136.759	0A
CAPE WILLOUGHBY	948220	-35.843	138.133	3C
CARNARVON	943000	-24.888	113.67	2B
CASINO	945730	-28.878	153.052	3A
CASTERTON	958250	-37.583	141.334	3C
CATO ISLAND	943940	-23.25	155.542	1A
CEDUNA	946530	-32.13	133.697	3B
CENTRAL ARNHEM PLATEAU	941410	-13.328	133.086	1A
CENTRE ISLAND	942480	-15.742	136.819	0A
CENTURY MINE	942610	-18.757	138.706	0B
CERBERUS	948980	-38.365	145.179	3A
CESSNOCK	957710	-32.789	151.338	3A
CHARLEVILLE	945100	-26.414	146.256	2B
CHARLTON	948390	-36.285	143.334	3B
CLARE	956670	-33.822	138.593	3A
CLEVE	946620	-33.708	136.502	3B
CLONCURRY	943350	-20.666	140.505	1B
COBAR AP	947100	-31.539	145.796	3B
COBAR MO	947110	-31.484	145.829	3B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
COCONUT ISLAND	941820	-10.051	143.069	0A
COEN	941830	-13.761	143.117	1A
COFFS HARBOUR	947910	-30.311	153.119	3A
COLES POINT	946580	-34.375	135.374	3C
COLLIE	956210	-33.361	116.172	3C
COMBIENBAR	949140	-37.342	149.023	4A
CONDOBOLIN	957080	-33.068	147.213	3B
COOBER PEDY	954580	-29.035	134.722	2B
COOKTOWN	952830	-15.446	145.186	1A
COOLANGATTA	945920	-28.168	153.505	2A
COOMA SNOWY MOUNTAINS	949210	-36.294	148.972	4A
COONABARABRAN AP	957280	-31.33	149.27	3A
COONABARABRAN NAMOI	947280	-31.271	149.271	3A
COONAMBLE	957180	-30.977	148.38	3A
COONAWARRA	948170	-37.291	140.825	3C
COORANBONG	957670	-33.089	151.464	3A
COWRA	957210	-33.845	148.65	3A
CREAL REEF	943710	-20.53	150.377	1A
CRESSY	959690	-41.726	147.079	4A
CUMMINS	956630	-34.252	135.714	3A
CUNDERDIN	956250	-31.622	117.222	3A
CUNNAMULLA	945000	-28.071	145.681	2B
CURTIN	942040	-17.574	123.822	0B
DALBY	945420	-27.161	151.263	3B
DALWALLINU	956290	-30.276	116.671	3B
DALY WATERS	942340	-16.264	133.378	1B
DARTMOOR	958220	-37.922	141.261	3C
DARWIN	941200	-12.424	130.893	0A
DELAMERE WEAPONS RANGE	942250	-15.744	131.918	0A
DENHAM	944020	-25.926	113.532	2B
DENILIQUIN	958690	-35.557	144.946	3B
DERBY	952050	-17.371	123.661	0B
DEVONPORT	959600	-41.17	146.429	4A
DOUBLE ISLAND POINT	945840	-25.932	153.191	2A
DOUGLAS RIVER	941280	-13.834	131.187	0A
DUBBO	957190	-32.221	148.575	3A
DUM IN MIRRIE ISLAND	941160	-12.635	130.373	0A
DURHAM	954870	-27.401	141.811	2B
DWELLINGUP	946200	-32.71	116.059	3A
EAST SALE	949070	-38.116	147.132	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
EDDYSTONE POINT	949830	-40.993	148.347	3A
EDENHOPE	958320	-37.022	141.266	3C
EDITHBURGH	948090	-35.112	137.739	3C
EILDON FIRE TOWER	948810	-37.209	145.842	4A
ELLISTON	946560	-33.65	134.888	3C
EMERALD	943630	-23.569	148.176	2B
ESPERANCE	946380	-33.83	121.892	3C
ESPERANCE AP	956380	-33.682	121.828	3C
EUCLA	946470	-31.68	128.879	3B
EVANS HEAD	945980	-29.183	153.396	2A
FALLS CREEK	949030	-36.871	147.276	6A
FINGAL	959740	-41.643	147.966	4A
FITZROY CROSSING	942060	-18.181	125.562	0B
FLINDERS ISLAND	949800	-40.091	148.002	3A
FLINDERS REEF	942900	-17.719	148.448	1A
FORBES	947150	-33.363	147.921	3A
FORREST	956460	-30.845	128.109	3B
FOWLERS GAP	946860	-31.086	141.701	2B
FRANKSTON	948710	-38.148	145.116	3A
FREDERICK REEF	943930	-20.936	154.401	1A
FRIENDLY BEACHES	949870	-41.995	148.279	3A
GABO ISLAND	949330	-37.568	149.916	3A
GANNET CAY	943790	-21.98	152.473	1A
GARDEN ISLAND	956070	-32.243	115.684	3A
GATTON	945620	-27.544	152.338	2A
GAYNDAH	955430	-25.617	151.616	2A
GEELONG	948570	-38.174	144.376	3A
GELANTIPY	949130	-37.22	148.262	4A
GEORGETOWN	942750	-18.3	143.55	1A
GEORGETOWN AP	942740	-18.304	143.531	1A
GERALDTON	944030	-28.804	114.699	2A
GILES	944610	-25.034	128.301	2B
GINGIN	956120	-31.463	115.864	3A
GLADSTONE AP	943810	-23.87	151.221	2A
GLADSTONE RADAR	943800	-23.855	151.263	2A
GLEN INNES	945880	-29.678	151.694	4A
GOLD COAST SEAWAY	945800	-27.939	153.428	2A
GOONDIWINDI	945300	-28.521	150.326	2A
GOSFORD	947820	-33.435	151.361	3A
GOULBURN	957160	-34.809	149.731	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
GOVE	941500	-12.274	136.82	1A
GRAFTON AP	955700	-29.758	153.03	3A
GRAFTON RESEARCH STATION	955710	-29.622	152.961	2A
GREEN CAPE	949340	-37.262	150.05	3A
GREEN ISLAND	952890	-16.759	145.973	1A
GRIFFITH	947050	-34.317	146.067	3B
GRIFFITH AP	957040	-34.249	146.069	3B
GROOTE EYLANDT	941530	-13.975	136.463	1A
GROVE	959770	-42.986	147.074	4A
GUNNEDAH	957400	-30.954	150.249	3A
GYMPIE	945660	-26.183	152.641	2A
HALLS CREEK	942120	-18.229	127.664	0B
HAMILTON	948290	-37.649	142.064	4A
HAMILTON ISLAND	943680	-20.366	148.953	1A
HARTZ MOUNTAINS	949770	-43.201	146.768	6A
HAY	947020	-34.541	144.834	3B
HEARD ISLAND THE SPIT	949970	-53.108	73.722	7
HERON ISLAND	943860	-23.442	151.913	1A
HERVEY BAY	955650	-25.322	152.882	2A
HINDMARSH ISLAND	946770	-35.519	138.818	3C
HOBART ELLERSLIE ROAD	949700	-42.89	147.328	4A
HOBART INTL	949750	-42.834	147.503	4A
HOGAN ISLAND	949490	-39.222	146.984	3A
HOLMES REEF	942890	-16.468	147.873	1A
HOPETOUN VIC	948380	-35.715	142.357	3B
HOPETOUN WA	956350	-33.931	120.128	3C
HORN ISLAND	941740	-10.584	142.29	0A
HORSHAM	958390	-36.67	142.173	3A
HUGHENDEN	943430	-20.819	144.233	1B
HUNTERS HILL	948780	-36.214	147.539	4A
INVERELL	945410	-29.775	151.082	3A
IVANHOE	956970	-32.883	144.309	3B
JABIRU	941370	-12.659	132.894	0A
JACUP	956360	-33.886	119.111	3B
JERVOIS	943270	-22.949	136.144	2B
JIMNA	945570	-26.664	152.461	3A
JULIA CREEK	943370	-20.667	141.721	1B
KADINA	946850	-33.97	137.663	3B
KALGOORLIE BOULDER	946370	-30.785	121.453	3B
KALUMBURU	941000	-14.296	126.645	0A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KANAGULK	958270	-37.117	141.803	3A
KARRATHA	953070	-20.71	116.774	1B
KARRATHA KING BAY	953080	-20.617	116.75	1B
KATANNING	946410	-33.686	117.606	3C
KATOOMBA	947440	-33.712	150.309	4A
KEITH	958150	-36.106	140.327	3C
KEMPSEY	947850	-31.071	152.772	3A
KHANCOBAN	949190	-36.23	148.141	3A
KILMORE GAP	948600	-37.381	144.965	4A
KING ISLAND AP	948500	-39.88	143.883	3C
KING ISLAND CURRIE	948510	-39.933	143.85	3C
KINGAROY	945490	-26.574	151.84	3A
KINGSTONE	958070	-35.711	137.523	3C
KOWANYAMA	942680	-15.482	141.748	0A
KUITPO FOREST RESERVE	946830	-35.171	138.678	3C
KUNUNURRA	942160	-15.781	128.71	0B
KYABRAM	958330	-36.335	145.064	3B
KYANCUTTA	946570	-33.133	135.555	3B
LADY ELLIOT ISLAND	943880	-24.112	152.716	2A
LAJAMANU	942310	-18.332	130.636	1B
LAKE GRACE	956370	-33.101	118.465	3B
LAMEROO AUSTIN PLAINS	946900	-35.378	140.538	3B
LANCELIN	956060	-31.016	115.33	3A
LATROBE VALLEY	948910	-38.209	146.475	3A
LAUNCESTON AP	959660	-41.548	147.216	4A
LAUNCESTON TI TREE BEND	949690	-41.419	147.122	4A
LAVERTON	944490	-28.613	122.424	2B
LEARMONTH	943020	-22.241	114.097	1B
LEGENDRE ISLAND	943070	-20.358	116.843	1B
LEIGH CREEK	946740	-30.596	138.422	3B
LEINSTER	954480	-27.839	120.703	2B
LEONORA	944480	-28.884	121.33	2B
LEONORA AP	944500	-28.879	121.319	2B
LIAWENEE	959590	-41.9	146.669	6A
LIHOU REEF	942960	-17.117	152	1A
LISMORE	945720	-28.831	153.26	3A
LOCKHART RIVER	941860	-12.785	143.305	1A
LONGERENONG	958350	-36.672	142.299	3B
LONGREACH	943460	-23.44	144.283	1B
LORD HOWE ISLAND	949950	-31.542	159.079	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
LOW HEAD	959640	-41.055	146.787	3A
LOW ISLES LH	942850	-16.384	145.559	1A
LOW ROCKY POINT	959610	-42.985	145.502	4A
LOXTON	946820	-34.439	140.598	3B
LUCINDA POINT	942950	-18.52	146.386	1A
LUNCHEON HILL	959560	-41.149	145.152	4C
MAATSUYKER ISLAND LH	949620	-43.657	146.272	4A
MACKAY AP	953670	-21.171	149.179	2A
MACKAY MO	943670	-21.117	149.217	2A
MACQUARIE ISLAND	949980	-54.499	158.937	6A
MALLACOOTA	949350	-37.597	149.729	3A
MANDURAH	946050	-32.522	115.712	3A
MANGALORE	948740	-36.889	145.186	3A
MANGROVE MOUNTAIN	957740	-33.289	151.211	3A
MANINGRIDA	951420	-12.057	134.234	0A
MANJIMUP	946170	-34.251	116.145	3C
MARBLE BAR	953170	-21.176	119.75	0B
MARDIE	943060	-21.191	115.98	1B
MAREEBA	952860	-17.067	145.428	2A
MARIA ISLAND	959880	-42.662	148.018	3A
MARION REEF	942980	-19.096	152.389	1A
MARLA	944770	-27.3	133.62	2B
MARREE	954800	-29.659	138.068	2B
MARYBOROUGH	945670	-25.516	152.716	2A
MCARTHUR RIVER MINE	942390	-16.442	136.076	0B
MCCLUER ISLAND	941350	-11.047	132.979	0A
MEEKATHARRA	944300	-26.614	118.537	2B
MELBOURNE AP	948660	-37.666	144.832	3A
MELBOURNE ESSENDON	958660	-37.727	144.907	3A
MELBOURNE FERNY CREEK	948720	-37.875	145.35	4A
MELBOURNE LAVERTON	948650	-37.856	144.757	3A
MELBOURNE MOORABBIN	948700	-37.98	145.096	3A
MELBOURNE REGIONAL OFFICE	948680	-37.807	144.97	3A
MELBOURNE SCORESBY	958670	-37.871	145.256	3A
MELBOURNE VIEWBANK	958740	-37.741	145.097	3A
MERIMBULA	959290	-36.908	149.899	3A
MERRIWA	957540	-32.185	150.174	3A
MIDDLE PERCY ISLAND	943720	-21.663	150.271	2A
MIDDLE POINT	951210	-12.605	131.299	0A
MILDURA	946930	-34.236	142.087	3B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
MILES	955290	-26.657	150.182	2A
MILINGIMBI	941400	-12.093	134.892	0A
MINLATON	956590	-34.748	137.528	3A
MINNIPA	956620	-32.843	135.151	3B
MONTAGUE ISLAND	949390	-36.252	150.227	3A
MOOMBA	954810	-28.1	140.196	2B
MORAWA	944170	-29.204	116.025	2B
MOREE	955270	-29.49	149.847	3A
MORNINGTON ISLAND	942560	-16.664	139.184	1A
MORTLAKE	948400	-38.074	142.774	4A
MORUYA AP	959370	-35.9	150.144	3A
MORUYA HEADS	949370	-35.909	150.153	3A
MOSS VALE	947460	-34.525	150.422	4A
MOUNT BAW BAW	959010	-37.838	146.275	6A
MOUNT BOYCE	947430	-33.619	150.274	4A
MOUNT BULLER	948940	-37.145	146.439	6A
MOUNT GAMBIER	948210	-37.747	140.774	3C
MOUNT GELLIBRAND	958450	-38.233	143.792	4A
MOUNT GININI	959250	-35.529	148.772	6A
MOUNT HOTHAM AP	949050	-37.049	147.335	5A
MOUNT HOTHAM SUMMIT	949060	-36.977	147.134	6A
MOUNT ISA	943320	-20.678	139.488	1B
MOUNT MAGNET	944290	-28.116	117.843	2B
MOUNT MOORNAPA	959130	-37.748	147.143	3A
MOUNT NOWA NOWA	949300	-37.693	148.091	3A
MOUNT READ	959520	-41.844	145.542	6A
MOUNT WELLINGTON	959790	-42.895	147.236	7
MOUNT WILLIAM	948330	-37.295	142.604	5C
MT CRAWFORD	946780	-34.725	138.928	3C
MUDGEE	947270	-32.563	149.615	3A
MUNGLINUP WEST	956440	-33.555	120.7	3A
MURRURUNDI GAP	957470	-31.742	150.794	3A
NAMBOUR	955720	-26.644	152.938	2A
NARACOORTE	948200	-36.981	140.727	3C
NARRABRI	957340	-30.315	149.83	3A
NARRANDERA	957060	-34.705	146.514	3B
NEPTUNE ISLANDS	948040	-35.336	136.118	3C
NEWCASTLE NOBBYS HEAD	947740	-32.919	151.798	3A
NEWCASTLE WILLIAMTOWN	947760	-32.793	151.836	3A
NEWDEGATE	946280	-33.113	118.84	3B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NEWMAN	943170	-23.417	119.799	1B
NGAYAWILI	951460	-11.997	135.572	0A
NHILL	948270	-36.309	141.649	3B
NOARLUNGA	948080	-35.159	138.506	3A
NOONAMAH	941050	-12.61	131.047	0A
NORAH HEAD LH	957700	-33.281	151.577	3A
NORMANTON	942660	-17.687	141.073	0A
NORSEMAN	946390	-32.2	121.783	3B
NORSEMAN AP	956420	-32.215	121.755	3B
NORTH EAST ISLAND	941510	-13.645	136.944	0A
NORTH WALPOLE	956470	-34.947	116.722	3C
NOWRA	947500	-34.947	150.535	3A
NULLARBOR	946510	-31.449	130.898	3B
NULLO MOUNTAIN	947540	-32.724	150.229	4A
NURIOOTPA	946810	-34.476	139.006	3C
OAKEY	945520	-27.403	151.741	3A
OLYMPIC DAM	956580	-30.483	136.877	2B
OMEO	949080	-37.102	147.601	4A
ONSLOW	943050	-21.633	115.117	1B
ONSLOW AP	953050	-21.669	115.109	1B
OODNADATTA	944760	-27.554	135.446	2B
ORANGE	957260	-33.381	149.127	4A
ORBOST	959180	-37.692	148.467	3A
OUSE	949570	-42.484	146.71	4A
PADTHAWAY SOUTH	958230	-36.654	140.521	3C
PALLAMANA	958180	-35.065	139.227	3B
PALMERVILLE	942760	-16.001	144.076	1A
PARABURDOO	943160	-23.172	117.749	1B
PARKES	957170	-33.128	148.243	3A
PAYNES FIND	944040	-29.271	117.684	2B
PERISHER VALLEY	949150	-36.407	148.406	6A
PERTH AP	946100	-31.927	115.976	3A
PERTH GOOSEBERY HILL	946150	-31.941	116.051	3A
PERTH JANDAKOT	946090	-32.101	115.879	3A
PERTH METRO	946080	-31.919	115.873	3A
PERTH OBSERVATORY	956100	-32.007	116.136	3A
PERTH PEARCE	946120	-31.667	116.019	3A
PERTH SWANBOURNE	946140	-31.956	115.762	3A
PIRLANGIMPI	941190	-11.402	130.422	0A
POINT FAWCETT	941220	-11.763	130.03	0A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
POINT PERPENDICULAR	959400	-35.094	150.805	3A
POINT STUART	941270	-12.244	131.879	0A
POINT WILSON	948470	-38.096	144.536	3A
PORT ARTHUR PALMER	949780	-43.167	147.833	4A
PORT AUGUSTA	956660	-32.509	137.714	3B
PORT FAIRY	948300	-38.391	142.235	3A
PORT HEDLAND	943120	-20.372	118.632	0B
PORT KEATS AF	951110	-14.249	129.528	0A
PORT KEATS AWS	941110	-14.233	129.45	0A
PORT LINCOLN	956610	-34.599	135.878	3C
PORT MACQUARIE	947860	-31.434	152.866	3A
PORTLAND CASHMORE	948280	-38.315	141.471	3C
POUND CREEK	948860	-38.63	145.811	3A
PROSERPINE WHITSUNDAY COAST	943650	-20.492	148.555	2A
PUKATJA	944740	-26.264	132.177	2B
QUILPIE	944940	-26.613	144.258	2B
RABBIT FLAT	953220	-20.183	130.015	1B
RED ROCKS POINT	946440	-32.203	127.53	3B
REDESDALE	948590	-37.019	144.52	4A
RENMARK	946870	-34.167	140.75	3B
RENMARK AP	956870	-34.198	140.677	3B
RHYLL	948920	-38.461	145.31	3A
RICHMOND	943410	-20.701	143.12	1B
ROBE	958160	-37.178	139.805	3C
ROCKHAMPTON	943740	-23.375	150.477	2A
ROCKY GULLY	946310	-34.571	117.011	3C
ROEBOURNE	943090	-20.777	117.146	0B
ROEBOURNE AP	943080	-20.759	117.158	0B
ROLLESTON	943960	-24.462	148.626	2B
ROMA	945150	-26.544	148.778	2A
ROSEWORTHY	956710	-34.511	138.676	3B
ROTTNEST ISLAND	946020	-32.007	115.502	3A
ROWLEY SHOALS	942070	-17.52	118.945	0B
RUNDLE ISLAND	943780	-23.532	151.277	2A
RUTHERGLEN	958370	-36.105	146.509	3A
SALMON GUMS	956390	-32.987	121.624	3B
SAMUEL HILL	943700	-22.743	150.658	2A
SCHERGER RAAF	941710	-12.617	142.087	0A
SCONE	957580	-32.034	150.826	3A
SCOTTS PEAK DAM	959580	-43.042	146.272	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
SCOTTSDALE	949720	-41.171	147.488	4C
SECOND VALLEY FOREST	948110	-35.569	138.286	3C
SEVENTEEN SEVENTY	943840	-24.157	151.887	2A
SHANNON	956170	-34.568	116.337	3C
SHARK BAY AP	954020	-25.892	113.577	2B
SHE OAKS	948630	-37.907	144.13	4A
SHEFFIELD	949550	-41.389	146.322	4A
SHEPPARTON	948750	-36.429	145.395	3A
SHOALWATER	953700	-22.47	150.179	2A
SMITHTON	949530	-40.835	145.085	4C
SNOWTOWN	956700	-33.767	138.218	3B
SOUTH JOHNSTONE	952920	-17.605	145.997	2A
SOUTHERN CROSS	946340	-31.233	119.333	3B
SOUTHERN CROSS AP	956340	-31.235	119.356	3B
ST GEORGE	945170	-28.049	148.594	2B
ST HELENS	959810	-41.338	148.279	3A
ST LAWRENCE	953690	-22.347	149.524	2A
STAWELL	948360	-37.072	142.74	3A
STENHOUSE BAY	958060	-35.279	136.939	3C
STRAHAN	949560	-42.153	145.292	4A
STRATHALBYN	948140	-35.284	138.893	3C
SUNSHINE COAST	945690	-26.601	153.09	2A
SWAN HILL	948430	-35.377	143.542	3B
SWAN ISLAND	959850	-40.729	148.125	3A
SYDNEY AP	947670	-33.946	151.173	3A
SYDNEY BADGERYS CREEK	947520	-33.897	150.728	3A
SYDNEY BANKSTOWN	947650	-33.918	150.986	3A
SYDNEY CAMDEN	947550	-34.039	150.689	3A
SYDNEY CANTERBURY	947660	-33.906	151.113	3A
SYDNEY HOLSWORTHY	947620	-33.979	150.925	3A
SYDNEY HORSLEY PARK	947600	-33.851	150.857	3A
SYDNEY MOUNT ANNAN	947570	-34.061	150.774	3A
SYDNEY OBSERVATORY	947680	-33.861	151.205	3A
SYDNEY OLYMPIC PARK ARCHERY	957650	-33.834	151.072	3A
SYDNEY PENRITH	947630	-33.719	150.678	3A
SYDNEY RICHMOND	947530	-33.6	150.776	3A
SYDNEY TERREY HILLS	947590	-33.691	151.225	3A
TAMWORTH	957620	-31.074	150.836	3A
TARCOOLA	946550	-30.705	134.579	2B
TAREE	957840	-31.89	152.512	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
TASMAN ISLAND	959860	-43.239	148.003	4A
TATURA	958360	-36.438	145.267	3A
TELFER	943190	-21.712	122.228	0B
TEMORA	957220	-34.429	147.511	3A
TENNANT CREEK	942380	-19.642	134.183	1B
TERRITORY GRAPE FARM	943280	-22.452	133.638	2B
TEWANTIN	945700	-26.391	153.04	2A
THANGOOL	943760	-24.494	150.571	2B
THARGOMINDAH	954920	-27.987	143.815	2B
THE LIMESTONE	948130	-36.966	139.716	3C
THE MONUMENT	943360	-21.812	139.927	1B
THEVENARD ISLAND	943030	-21.461	115.02	1B
THREDBO	959090	-36.492	148.286	7
TIBOOBURRA	954850	-29.445	142.057	2B
TINDAL	941310	-14.523	132.382	0A
TOCAL	947750	-32.63	151.592	3A
TOOLARA	945580	-25.971	152.861	2A
TOOWOOMBA	955510	-27.543	151.913	3A
TOWNSVILLE	942940	-19.248	146.766	1A
TRANGIE	957100	-31.986	147.949	3A
TREPELL	943380	-21.84	140.893	1B
TROUGHTON ISLAND	941020	-13.754	126.149	0A
TRUSCOTT	951010	-14.09	126.387	0A
TUNNAK	949600	-42.454	147.461	5A
ULLADULLA	949380	-35.364	150.483	3A
URANDANGI	943440	-21.598	138.366	1B
VARANUS ISLAND	953030	-20.656	115.576	1B
VICTORIA RIVER DOWNS	942320	-16.403	131.014	0B
WAGGA WAGGA	949100	-35.158	147.457	3A
WALGETT	957150	-30.037	148.122	2B
WALPEUP	958310	-35.12	142.004	3B
WANDERING	956400	-32.672	116.67	3A
WANGARATTA	948890	-36.421	146.306	3A
WARBURTO POINT	946660	-34.004	137.528	3B
WARBURTON	944570	-26.132	126.584	2B
WARRA	959620	-43.061	146.704	5A
WARRNAMBOOL	948370	-38.287	142.452	3C
WARRUWI	941390	-11.65	133.38	0A
WARWICK	945550	-28.206	152.1	3A
WEIPA	941700	-12.678	141.921	0A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
WEST ROEBUCK	952040	-17.896	122.312	0B
WEST WYALONG	957090	-33.938	147.196	3B
WESTMERE	958400	-37.707	142.938	4A
WHITE CLIFFS	956990	-30.852	143.074	2B
WHYALLA	946640	-33.017	137.517	3B
WHYALLA AP	956640	-33.054	137.521	3B
WILCANNIA	956950	-31.519	143.385	2B
WILLIS ISLAND	942990	-16.288	149.965	0A
WILSONS PROMONTORY LH	948930	-39.13	146.424	3C
WINDORAH	944880	-25.423	142.656	2B
WINTON	943420	-22.362	143.084	1B
WITCHCLIFFE	956410	-34.028	115.104	3C
WOLLONGONG	957480	-34.564	150.79	3A
WONTHAGGI	958810	-38.608	145.596	3A
WOOLSHED	952930	-19.417	146.536	2A
WOOMERA	946590	-31.156	136.805	2B
WUDINNA	956540	-33.043	135.452	3B
WULUNGURRU	943210	-23.266	129.384	1B
WYNDHAM	942140	-15.483	128.117	0B
WYNDHAM AP	952140	-15.51	128.15	0B
WYNYARD	959570	-40.997	145.729	4C
YAMBA	945890	-29.433	153.363	2A
YANCO	957050	-34.622	146.433	3B
YARRAM	958900	-38.565	146.748	3A
YARRAWONGA	948620	-36.029	146.031	3A
YEPPOON THE ESPLANADE	943730	-23.136	150.751	2A
YOUNG	947120	-34.249	148.248	3A
YULARA	944620	-25.19	130.974	2B
YUNTA	946840	-32.571	139.564	3B
Austria (AUT)				
AIGEN IM ENNSTAL	111570	47.533	14.138	5A
ALLENTSTEIG	110190	48.691	15.367	5A
AMSTETTEN	110180	48.109	14.895	5A
ARRIACH	112750	46.728	13.852	5A
BAD AUSSEE	113560	47.611	13.758	5A
BAD GLEICHENBERG	112440	46.872	15.904	4A
BAD GOISERN	113540	47.642	13.618	5A
BAD MITTERNDORF	113580	47.553	13.935	6A
BAD RADKERSBURG	112480	46.686	15.979	4A
BISCHOFSHOFEN	111410	47.407	13.221	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BREGENZ	111010	47.499	9.746	5A
BRENNER	111280	47.007	11.511	6A
DELLACH IM DRAUTAL	112700	46.742	13.083	5A
DORNBIRN	113020	47.433	9.726	5A
EISENSTADT	111900	47.854	16.538	4A
FEISTRITZ OB BLEIBURG	112320	46.559	14.767	5A
FELDKIRCH	111050	47.271	9.61	5A
FEUERKOGEL	111550	47.817	13.718	7
FISHBACH	111730	47.444	15.644	5A
FREISTADT	110150	48.507	14.507	5A
GALZIG	111100	47.13	10.23	7
GMUNDEN	111540	47.915	13.807	5A
GRAZ THALERHOF	112400	46.981	15.44	5A
GUMPOLDSKIRCHEN	110820	48.036	16.281	4A
HAHNENKAMM EHRENBACHHOEHE	111350	47.418	12.359	7
HIRSCHENKOGEL	113840	47.623	15.833	6A
HOHE WAND HOCHKOGELHAUS	113850	47.822	16.035	5A
INNSBRUCK	111200	47.26	11.344	5A
ISCHGL IDALPE	113100	46.983	10.317	7
JAUERLING	110240	48.334	15.339	6A
KAPFENBERG	111760	47.458	15.336	5A
KLAGENFURT	112310	46.643	14.337	5A
KLEINZICKEN	111920	47.208	16.336	5A
KOETSCHACH-MAUTHEN	112550	46.677	12.997	5A
KREMS	110700	48.418	15.622	5A
KREMSMUENSTER	110120	48.055	14.131	5A
KRIMML	111360	47.229	12.182	6A
KUFSTEIN	111300	47.575	12.163	5A
LANDECK	111120	47.14	10.564	5A
LANGENOIS	110750	48.472	15.697	5A
LASSNITZHOEHE	112920	47.074	15.592	5A
LIENZ	112040	46.826	12.806	5A
LILIENFELD TARSCHBERG	110780	48.028	15.588	5A
LINZ HOERSCHING	110100	48.235	14.188	5A
LINZ STADT	110600	48.296	14.285	5A
LITSCHAU	110210	48.955	15.038	5A
LUNZ	111700	47.854	15.068	5A
MARIA ALM	111370	47.406	12.898	5A
MARIAPFARR	113480	47.152	13.745	6A
MARIAZELL	111720	47.767	15.317	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
MATTSEE	111520	47.977	13.106	5A
MOENICHKIRCHEN	111850	47.511	16.033	6A
MURAU	112800	47.111	14.177	5A
NEUSIEDL AM SEE	111940	47.951	16.842	4A
OBERGURGL	111270	46.867	11.025	7
OBERTAUERN	111490	47.249	13.56	7
OBERVELLACH	112610	46.929	13.223	5A
PATSCHERKOFEL	111260	47.209	11.462	7
POYSDORF	110320	48.669	16.637	5A
PUCHBERG	113820	47.79	15.907	5A
RADSTADT	111470	47.385	13.456	6A
RAMSAU AM DACHSTEIN	113510	47.425	13.634	6A
RANSHOFEN	110510	48.224	13.028	5A
RAURIS	113460	47.224	12.992	6A
RAX SEILBAHNBERGSTATION	111800	47.718	15.779	7
REICHENAU AN DER RAX	113800	47.7	15.837	5A
RETZ	110220	48.761	15.942	5A
RIED IM INNKREIS	110530	48.217	13.475	5A
ROHRBACH	110080	48.57	13.994	5A
RUDOLFSHUETTE ALPINZENTRUM	111380	47.135	12.626	7
SALZBURG	111500	47.789	13.009	5A
SALZBURG FREISAAL	113500	47.791	13.054	5A
SCHAERDING	110550	48.464	13.434	5A
SCHMITTENHOEHE	113400	47.329	12.738	7
SCHOECKL	112410	47.199	15.466	6A
SONNBLICK	113430	47.054	12.957	8
ST ANDRAE LAVANTTAL	112290	46.764	14.828	5A
ST MICHAEL LEOBEN	111740	47.333	15	5A
ST POELTEN LANDHAUS	113890	48.2	15.631	5A
ST VEIT IM PONGAU	113450	47.329	13.155	5A
ST WOLFGANG	113570	47.74	13.442	5A
STIFT ZWETTL	110200	48.618	15.204	5A
TULLN LANGENLEBARN	110300	48.324	16.118	5A
VILLACH STADT	112130	46.618	13.874	5A
VIRGEN	112520	47.003	12.456	6A
WARTH	113080	47.256	10.186	6A
WEITENSFELD	112250	46.849	14.191	5A
WIEN HOHE WARTE	110350	48.249	16.356	4A
WIEN INNERE STADT	110340	48.198	16.367	4A
WIEN SCHWECHAT	110360	48.117	16.581	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
WIEN UNTERLAA	110400	48.125	16.419	4A
WIENER NEUSTADT	111820	47.832	16.231	5A
WINDISCHGARSTEN	113550	47.72	14.326	5A
WOLFSEGG	110010	48.106	13.671	5A
ZELL AM SEE	111440	47.327	12.795	5A
ZELTWEG	111650	47.2	14.75	5A
Azerbaijan (AZE)				
BAKU HEYDAR ALIYEV	378640	40.468	50.047	3B
GANJA	377350	40.717	46.417	4B
GANJA INTL	378630	40.738	46.318	4B
GOYCHAY	377490	40.65	47.75	3A
LANKARAN	379850	38.741	48.826	3A
NAKHCHIVAN	378635	39.189	45.458	4B
QOBUSTAN	377560	40.533	48.933	4A
QUBA	376750	41.367	48.517	4A
ZAKATALA	375750	41.62	46.649	4A
Bahamas (BHS)				
NASSAU INTL	780730	25.039	-77.466	1A
SETTLEMENT POINT	994390	26.704	-78.995	1A
Bahrain (BHR)				
BAHRAIN INTL	411500	26.262	50.643	0B
Bangladesh (BGD)				
CHITTAGONG SHAH AMANAT INTL	419780	22.25	91.813	1A
DHAKA HAZRAT SHAHJALAL INTL	419220	23.843	90.398	0A
Barbados (BRB)				
GRANTLEY ADAMS INTL	789540	13.085	-59.487	0A
Belarus (BLR)				
BABRUYSK	269610	53.209	29.127	6A
BARANOVICHI	269410	53.132	25.972	6A
BREST SHEBRIN	330080	52.108	23.898	5A
GOMEL	330410	52.402	30.963	6A
GRODNO	268250	53.602	24.056	6A
KASTSYUKOVICHY	268870	53.346	32.074	6A
LEPIEL	266590	54.88	28.693	6A
LIDA	268320	53.902	25.323	6A
LYNTUPY	266450	55.049	26.307	6A
MAZYR	330360	52.036	29.192	5A
MINSK	268500	53.929	27.634	6A
MINSK NATL	261148	53.882	28.031	6A
MOGILEV	268630	53.956	30.096	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ORSHA	267630	54.503	30.444	6A
PINSK	330190	52.122	26.112	5A
SLUTSK	269510	53.054	27.544	6A
VERHNEDVINSK	265540	55.821	27.94	6A
VITEBSK	266660	55.127	30.35	6A
ZHITCKOVICHI	330270	52.214	27.867	5A
Belgium (BEL)				
ANTWERP INTL	64500	51.19	4.458	4A
BEAUVECHAIN AB	64580	50.746	4.763	4A
BEITEM	64140	50.904	3.122	4A
BRUSSELS AP	64510	50.896	4.527	4A
BRUSSELS SOUTH CHARLEROI AP	64490	50.454	4.44	4A
BUZENOL	64840	49.62	5.588	5A
CASTEAU	64325	50.503	3.983	4A
CHIEVRES AB	64320	50.572	3.831	4A
DIEPENBEEK	64770	50.916	5.45	4A
DOURBES	64550	50.096	4.594	5A
ELSENBORN-BUTGENBACH AP	64960	50.482	6.181	5A
ERNAGE	64590	50.582	4.689	5A
FLORENNES AB	64560	50.234	4.653	5A
GENT INDUSTRIE-ZONE	64310	51.181	3.804	4A
HUMAIN	64720	50.194	5.256	5A
KLEINE BROGEL AB	64790	51.169	5.463	4A
KOKSIJDE AP	64000	51.088	2.652	4A
LIEGE AP	64780	50.646	5.456	4A
LIMBURG REGL	64700	50.792	5.202	5A
MELLE	64340	50.98	3.816	4A
MONT-RIGI	64940	50.511	6.073	6A
OOSTENDE PIER	64080	51.239	2.917	4A
OOSTENDE-BRUGES INTL	64070	51.2	2.887	4A
RETIE	64640	51.221	5.027	4A
SAINT HUBERT AB	64760	50.039	5.404	5A
SCHAFFEN AB	64650	50.997	5.062	4A
SEMMERZAKE	64280	50.941	3.67	4A
SPA LA SAUVENIERE AP	64900	50.479	5.91	5A
UCCLE	64470	50.797	4.358	4A
ZEEBRUGGE	64180	51.347	3.202	4A
Belize (BLZ)				
LADYVILLE GOLDSON INTL	785830	17.539	-88.308	0A
Benin (BEN)				

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
BOHICON	653380	7.167	2.067	0A
COTONOU	653440	6.357	2.384	0A
KANDI	653060	11.133	2.933	0A
NATITINGOU	653190	10.317	1.383	0A
PARAKOU	653300	9.35	2.617	0A
SAVE	653350	8.033	2.467	0A
Bermuda (BMU)				
BERMUDA INTL	780160	32.367	-64.677	2A
Bolivia (BOL)				
COCHABAMBA	852230	-17.421	-66.177	3B
LA PAZ EL ALTO	852010	-16.513	-68.192	5A
SANTA CRUZ DE LA SIERRA	852440	-17.645	-63.135	1A
Bonaire, Sint Eustatius and Saba (BES)				
BONAIRE INTL	789900	12.131	-68.269	0B
Bosnia and Herzegovina (BIH)				
BANJA LUKA	145420	44.794	17.206	4A
BANJA LUKA INTL	132420	44.941	17.298	4A
BIHAC	145280	44.808	15.867	4A
BJELASNICA	146520	43.704	18.257	7
MOSTAR	146480	43.348	17.794	3A
MOSTAR GNOJNICE	133480	43.283	17.846	3A
SARAJEVO	133530	43.825	18.331	5A
SARAJEVO-BJELAVE	146540	43.868	18.423	4A
TUZLA	145570	44.542	18.685	4A
Botswana (BWA)				
FRANCISTOWN	680540	-21.16	27.475	2B
GABORONE	682400	-24.555	25.918	2B
LETLHAKANE	680400	-21.417	25.6	2B
MAUN	680320	-19.973	23.431	1B
Brazil (BRA)				
ANAPOLIS	834190	-16.229	-48.964	2A
ARACAJU	830950	-10.984	-37.07	0A
BAURU	837220	-22.345	-49.054	2A
BELEM	821930	-1.379	-48.476	0A
BELO HORIZONTE CONFINS	835870	-19.634	-43.969	2A
BELO HORIZONTE PAMPULHA	835830	-19.851	-43.951	2A
BOA VISTA	820220	2.846	-60.69	0A
BRASILIA	833780	-15.863	-47.913	2A
CAMPINA GRANDE	827950	-7.27	-35.896	1A
CAMPINAS	837210	-23.007	-47.135	2A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CAMPO GRANDE	836120	-20.469	-54.673	1A
CANOAS	839670	-29.946	-51.144	2A
CARAVELAS	834970	-17.652	-39.253	1A
CUIABA	833620	-15.653	-56.117	0A
CURITIBA	838400	-25.528	-49.176	3A
FLORIANOPOLIS	838990	-27.67	-48.547	2A
FORTALEZA	823980	-3.776	-38.533	0A
FOZ DO IGUACU	838270	-25.596	-54.487	2A
GOIANIA	834240	-16.632	-49.221	1A
GUARULHOS	830750	-23.432	-46.47	2A
ILHA FERNANDO DE NORONHA	824000	-3.855	-32.423	0A
ILHEUS	833490	-14.816	-39.033	1A
JOAO PESSOA	827980	-7.1	-34.867	1A
LONDRINA	837680	-23.334	-51.13	2A
MACAE	868910	-22.343	-41.766	1A
MACAPA	820980	-0.045	-51.11	0A
MACEIO	829930	-9.511	-35.792	1A
MANAUS GOMES	821110	-3.039	-60.05	0A
MANAUS PONTA PELADA	823320	-3.146	-59.986	0A
MARABA	825620	-5.366	-49.125	0A
MARINGA	868990	-23.405	-51.933	2A
NATAL	825990	-5.911	-35.248	0A
NAVEGANTES	825991	-26.88	-48.651	2A
PALMAS	830650	-10.283	-48.35	0A
PETROLINA	829840	-9.362	-40.569	0B
PORTO ALEGRE	839710	-29.994	-51.171	2A
PORTO SEGURO	834600	-16.439	-39.081	1A
PORTO VELHO	828240	-8.709	-63.902	0A
PRESIDENTE PRUDENTE	837160	-22.175	-51.425	1A
RECIFE	828990	-8.126	-34.924	0A
RIBEIRAO PRETO	836520	-21.134	-47.774	1A
RIO BRANCO	829170	-9.869	-67.894	0A
RIO DE JANEIRO ALFONSOS	837480	-22.875	-43.385	1A
RIO DE JANEIRO GALEAO	837460	-22.809	-43.244	1A
RIO DE JANEIRO SANTA CRUZ	837410	-22.932	-43.719	1A
RIO DE JANEIRO SANTOS DUMONT	837550	-22.91	-43.163	1A
SALVADOR	832480	-12.911	-38.331	0A
SANTA MARIA	839370	-29.711	-53.688	2A
SANTAREM	822440	-2.422	-54.793	0A
SAO JOSE DOS CAMPOS	838093	-23.229	-45.862	2A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SAO LUIS	822810	-2.585	-44.234	0A
SAO PAULO CONGONHAS	837800	-23.627	-46.655	2A
TERESINA	825790	-5.06	-42.823	0A
UBERABA	835760	-19.765	-47.965	1A
UBERLANDIA	835250	-18.883	-48.22	2A
VITORIA	836490	-20.258	-40.286	1A
British Indian Ocean Territory (IOT)				
DIEGO GARCIA	619670	-7.3	72.4	0A
Brunei Darussalam (BRN)				
BRUNEI INTL	963150	4.944	114.928	0A
Bulgaria (BGR)				
AHTOPOL	156610	42.1	27.94	4A
BOTEV VRAH	156270	42.717	24.917	7
BURGAS	156550	42.57	27.515	4A
CHERNI VRAH	156130	42.562	23.285	7
CHIRPAN	156350	42.2	25.333	4A
DRAGOMAN	156050	42.933	22.933	5A
ELHOVO	156420	42.183	26.567	4A
GORNA ORYAHOVITSA	155253	43.151	25.713	4A
IVAILO	156280	42.217	24.333	4A
KALIAKPA	155620	43.364	28.466	4A
KARDZHALI	157300	41.65	25.383	4A
KUSTENDIL	156010	42.267	22.767	4A
LOM	155110	43.817	23.25	4A
LOVETCH	155250	43.15	24.7	4A
MOURGASH	156000	42.833	23.667	7
MUSSALA	156150	42.179	23.585	8
NOVO SELO	155010	44.16	22.785	4A
ORYAHOVO	155140	43.683	23.967	4A
PLEVEN	155280	43.4	24.6	4A
PLOVDIV	156250	42.068	24.851	4A
RAZGRAD	155490	43.567	26.5	4A
ROZHEN OBSERVATORY	157260	41.695	24.739	6A
RUSE	155350	43.85	25.95	4A
SANDANSKI	157120	41.55	23.267	4A
SHABLA	155610	43.533	28.533	4A
SHUMEN	155440	43.267	26.933	4A
SILISTRA	155500	44.117	27.267	4A
SLIVEN	156400	42.667	26.333	4A
SOFIA	156140	42.695	23.406	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SVICHTOV	155330	43.617	25.35	4A
SVILENGRAD	157410	41.767	26.2	4A
VARNA	155520	43.232	27.825	4A
VELIKO TARNOVO	155300	43.083	25.65	4A
VIDIN	155020	43.983	22.85	4A
VRATZA	155050	43.256	23.533	4A
Burkina Faso (BFA)				
BOBO-DIOULASSO	655100	11.16	-4.331	0A
BOROMO	655160	11.75	-2.933	0A
DEDOUGOU	655050	12.467	-3.483	0B
DORI	655010	14.033	-0.033	0B
FADA N'GOURMA	655070	12.033	0.367	0B
GAOUA	655220	10.333	-3.183	0A
OUAGADOUGOU	655030	12.353	-1.512	0B
OUAHIGOUYA	655020	13.567	-2.417	0B
PO	655180	11.15	-1.15	0A
Cameroon (CMR)				
DOUALA	649100	4.006	9.719	0A
GAROUA	648600	9.336	13.37	0A
YAOUNDE	649500	3.723	11.553	1A
Cape Verde (CPV)				
MINDELO CESARIA EVORA AP	85830	16.834	-25.055	1B
SAL AMILCAR CABRAL INTL	85940	16.742	-22.949	1B
Central African Republic (CAF)				
BANGUI M'POKO INTL	646500	4.398	18.519	0A
Chad (TCD)				
N'DJAMENA INTL	647000	12.134	15.034	0B
SARH	647500	9.15	18.383	0A
Chile (CHL)				
ANTOFAGASTA	854420	-23.45	-70.441	3C
BALMACEDA	858740	-45.913	-71.694	6A
CHACALLUTA	854060	-18.351	-70.336	3B
CONCEPCION	856820	-36.778	-73.062	3C
CURICO	856290	-34.966	-71.217	3C
DESIERTO DE ATACMA	854670	-27.264	-70.774	3C
FARO EVANGELISTA	859300	-52.387	-75.097	6A
IQUIQUE	854180	-20.54	-70.179	3B
ISLA DE PASCUA	854690	-27.161	-109.427	2A
ISLA DIEGO RAMIREZ	859720	-56.506	-68.729	6A
LA SERENA	854880	-29.918	-71.201	3C

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
PUERTO MONTT	857990	-41.435	-73.098	4A
PUNTA ARENAS	859340	-53.003	-70.845	6A
SANTIAGO PUDAHUEL	855740	-33.392	-70.794	3C
SANTIAGO QUINTA NORMAL	855770	-33.445	-70.683	3B
TEMUCO	857430	-38.768	-72.632	4C
China (CHN)				
ABAG QI	531920	44.017	115.003	7
AIHUI	504680	50.248	127.462	7
AKQI	517110	40.941	78.451	6B
ALAR	517300	40.55	81.267	5B
ALTAY	510760	47.741	88.071	7
ANDA	508540	46.386	125.324	7
ANDIR	518480	37.933	83.65	5B
ANKANG	572450	32.693	109.042	3A
ANQING	584240	30.623	116.967	3A
ANYANG	538980	36.054	114.139	4B
ARXAN	507270	47.181	119.934	8
BACHU	517160	39.797	78.571	4B
BAILING-MIAO	533520	41.704	110.435	6B
BAINGOIN	552790	31.397	90.012	7
BAISE	592110	23.903	106.606	2A
BALGUNTAY	514670	42.669	86.329	6B
BAODING	546020	38.737	115.478	4B
BAOGUOTUXIANG	542260	42.317	120.686	6B
BAOJI	570160	34.352	107.129	4A
BAOQING	508880	46.388	132.165	7
BAOSHAN	567480	25.123	99.183	3A
BARKAM	561720	31.899	102.229	5A
BATANG	562470	30.003	99.108	3B
BAYAN MOD	524950	40.75	104.5	6B
BAYANBULAK	515420	43.034	84.149	8
BAYTIK SHAN	512880	45.36	90.571	7
BEIHAI	596440	21.457	109.136	2A
BEIJING	545110	39.806	116.469	4A
BENGBU	582210	32.852	117.321	3A
BENXI	543460	41.307	123.775	6A
BIJIE	577070	27.297	105.288	4A
BOTOU	546180	38.083	116.55	4B
BOXIAN	581020	33.791	115.735	3A
BUGT	506320	48.759	121.914	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CANGZHOU	546160	38.333	116.833	4A
CHANG DAO	547510	37.939	120.726	4A
CHANGBAI	543860	41.425	128.199	7
CHANGCHUN	541610	43.901	125.209	6A
CHANGDE	576620	29.117	111.677	3A
CHANGLING	540490	44.278	123.967	6A
CHANGSHA	576870	28.11	112.788	3A
CHANGSHA HUANGHUA INTL	592871	28.189	113.22	3A
CHANGTING	589110	25.853	116.366	2A
CHAOYANG	543240	41.548	120.429	5B
CHENGDE	544230	40.973	117.925	5A
CHENGDU SHUANGLIU	562940	30.579	103.947	3A
CHENGDU WENJIANG	561870	30.749	103.861	3A
CHENGSHANTOU	547760	37.39	122.697	4A
CHENZHOU	579720	25.735	112.977	2A
CHIFENG	542180	42.308	118.832	6B
CHONGQING	575160	29.576	106.461	3A
CHUXIONG	567680	25.035	101.554	3A
DA XIAN	573280	31.207	107.507	3A
DA-QAIDAM	527130	37.852	95.353	7
DACHEN DAO	586660	28.451	121.903	3A
DALI	567510	25.707	100.177	3C
DANDONG	544970	40.032	124.328	5A
DANXIAN	598450	19.511	109.577	1A
DAOCHENG	563570	29.043	100.298	6A
DARLAG	560460	33.758	99.647	7
DATONG	534870	40.079	113.412	6B
DAWU	561670	30.971	101.119	5A
DEGE	561440	31.803	98.576	5A
DELINGHA	527370	37.374	97.376	6B
DENGQEN	561160	31.415	95.594	6A
DEQEN	564440	28.489	98.907	6A
DEZHOU	547140	37.433	116.317	4A
DINGHAI	584770	30.035	122.107	3A
DINGTAO	549090	35.091	115.523	4A
DONGFANG	598380	19.094	108.622	1A
DONGSHENG	535430	39.816	110.013	6B
DONGTAI	582510	32.858	120.276	3A
DOULAN	528360	36.296	98.096	7
DUNHUA	541860	43.368	128.211	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
DUNHUANG	524180	40.15	94.683	5B
DUOLUN	542080	42.194	116.466	7
DUSHAN	579220	25.832	107.548	3A
EJIN QI	522670	41.95	101.067	5B
EMEI SHAN	563850	29.521	103.336	7
ENSHI	574470	30.286	109.471	3A
ERENHOT	530680	43.63	111.939	7
FANGXIAN	572590	32.051	110.747	3A
FEIXIAN	549290	35.261	117.961	4A
FENGJIE	573480	31.028	109.478	3A
FENGNING	543080	41.202	116.634	6A
FENGXIANG	570250	34.511	107.378	4A
FOGANG	590870	23.881	113.523	2A
FUDING	587540	27.335	120.207	2A
FUJIN	507880	47.228	131.999	7
FUYANG	582030	32.878	115.736	3A
FUYUN	510870	46.994	89.511	7
FUZHOU	588470	26.078	119.289	2A
GANGCA	527540	37.331	100.138	7
GANYU	580400	34.857	119.128	4A
GANZHOU	579930	25.87	115.014	2A
GAOPING	574110	30.746	106.132	3A
GAOYAO	592780	22.99	112.479	2A
GARZE	561460	31.619	99.998	6A
GENGMA	569460	23.527	99.388	2A
GOLMUD	528180	36.421	94.908	6B
GUAIZIHU	523780	41.367	102.367	5B
GUANGCHANG	588130	26.838	116.319	2A
GUANGNAN	590070	24.054	105.052	3A
GUANGZHOU	592870	23.21	113.482	2A
GUILIN	579570	25.323	110.305	2A
GUINAN	529550	35.587	100.74	7
GUIPING	592540	23.396	110.084	2A
GUIYANG	578160	26.59	106.728	3A
GUSHI	582080	32.172	115.624	3A
HAI LI SU	532310	41.401	106.407	6B
HAIKOU	597580	19.994	110.247	1A
HAIKOU MEILAN INTL	470311	19.935	110.459	1A
HAILAR	505270	49.25	119.7	7
HAILUN	507560	47.445	126.874	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HAIYANG	548630	36.775	121.178	4A
HAIYANG DAO	545870	39.055	123.176	4A
HALIUT	533360	41.566	108.508	6B
HAMI	522030	42.817	93.517	5B
HANGZHOU	584570	30.226	120.165	3A
HANZHONG	571270	33.068	107.04	3A
HARBIN	509530	45.934	126.581	7
HARBIN TAIPING	541611	45.623	126.25	7
HECHI	590230	24.694	108.039	2A
HEFEI	583210	31.956	117.057	3A
HENAN	560650	34.734	101.601	7
HEQU	535640	39.365	111.213	5B
HEYUAN	592930	23.794	114.731	2A
HEZE CAOZHOU	549060	35.25	115.433	4A
HEZUO	560800	34.991	102.905	7
HOBOKSAR	511560	46.81	85.75	7
HOHHOT	534630	40.856	111.571	6B
HOTAN	518280	37.133	79.933	4B
HUA SHAN	570460	34.481	110.077	6A
HUADE	533910	41.896	114.001	7
HUADIAN	542730	42.978	126.76	7
HUAILAI	544050	40.417	115.507	5B
HUAIYIN	581410	33.638	118.927	4A
HUAJIALING	529960	35.386	105.008	6A
HUANG SHAN	584370	30.135	118.164	5A
HUICHUAN	577120	27.727	106.947	3A
HUILI	566710	26.652	102.242	3C
HUIMIN	547250	37.492	117.525	4A
HUIZE	566840	26.402	103.249	3A
HULIN	509830	45.761	132.883	7
HUMA	503530	51.726	126.639	7
HUOSHAN	583140	31.401	116.337	3A
JARTAI	535020	39.778	105.75	5B
JARUD QI	540260	44.547	120.899	6B
JI'AN JIANGXI	577990	27.043	114.914	2A
JI'AN JILIN	543770	41.153	126.218	6A
JIANGCHENG	569770	22.608	101.857	2A
JIANGLING	574760	30.35	112.148	3A
JIEXIU	538630	37.063	111.945	4B
JINAN	548230	36.602	117.008	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
JINGDEZHEN	585270	29.336	117.179	3A
JINGHE SHAANXI	571310	34.446	108.972	4B
JINGHE XINJIANG	513340	44.573	82.82	6B
JINGHONG	569590	22.013	100.782	1A
JINING	534800	41.029	113.07	6B
JINZHOU	543370	41.14	121.122	5A
JIULONG	564620	29.008	101.501	4A
JIUQUAN SUZHOU	525330	39.767	98.483	5B
JIUXIAN SHAN	589310	25.71	118.106	4A
JIXI	509780	45.305	130.909	7
JURH	532760	42.398	112.901	6B
KABA HE	510530	48.052	86.406	6B
KANGDING	563740	30.055	101.96	5A
KARAMAY	512430	45.61	84.845	6B
KASHI	517090	39.486	75.755	4B
KESHAN	506580	48.084	125.788	7
KORLA	516560	41.73	85.818	5B
KUANDIAN	544930	40.709	124.782	6A
KUNMING WUJIABA	567780	24.992	102.744	3C
KUOCANG SHAN	586530	28.81	120.921	5A
KUQA	516440	41.717	82.95	5B
LANCANG	569540	22.567	99.933	2A
LANGZHONG	573060	31.585	105.978	3A
LANZHOU	528890	36.05	103.883	5B
LANZHOU ZHONGCHUAN	525331	36.515	103.62	6B
LAOHEKOU	572650	32.432	111.732	3A
LENGHU	526020	38.828	93.379	7
LETING	545390	39.429	118.887	4A
LHASA	555910	29.659	91.135	5B
LHUNZE	556960	28.413	92.46	6B
LIANGPING	574260	30.68	107.792	3A
LIANPING	590960	24.389	114.496	2A
LIANZHOU	590720	24.811	112.372	2A
LIJIANG	566510	26.848	100.218	3C
LINCANG	569510	23.881	100.09	3A
LINDONG	540270	43.969	119.378	6B
LINGLING	578660	26.226	111.617	3A
LINGXIAN	547150	37.321	116.563	4A
LINHAI	586600	28.85	121.133	3A
LINHE	535130	40.722	107.371	5B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
LINJIANG	543740	41.802	126.894	6A
LINXI	541150	43.634	118.028	6B
LINYI	549380	35.05	118.35	4A
LISHI	537640	37.507	111.113	5A
LISHUI	586460	28.461	119.93	2A
LITANG	562570	29.994	100.271	6A
LIUZHOU	590460	24.363	109.46	2A
LIYANG	583450	31.431	119.5	3A
LONGKOU	547530	37.639	120.336	4A
LONGYAN	589270	25.1	117.017	2A
LONGZHOU	594170	22.34	106.854	2A
LU SHAN	585060	29.585	115.989	4A
LUODIAN	579160	25.429	106.764	2A
LUSHI	570670	34.08	111.073	4A
LUSI	582650	32.1	121.545	3A
LUXI	568860	24.533	103.767	3A
MACHENG	573990	31.131	114.955	3A
MADOI	560330	34.917	98.216	8
MANDAL	531490	42.529	110.117	6B
MANGNAI	518860	38.25	90.85	7
MAZONG SHAN	523230	41.805	97.032	6B
MEI XIAN	591170	24.281	116.07	2A
MENGDING	569450	23.567	99.083	2A
MENGJIN	570710	34.802	112.468	4A
MENGLA	569690	21.475	101.578	2A
MENGSHAN	590580	24.204	110.511	2A
MENGZI	569850	23.444	103.328	2A
MIANYANG	561960	31.424	104.749	3A
MINFENG	518390	37.067	82.717	5B
MINQIN	526810	38.632	103.089	5B
MOHE	501360	52.974	122.511	8
MUDANJIANG	540940	44.504	129.668	7
NAGQU	552990	31.48	92.061	7
NANCHANG	586060	28.59	115.901	2A
NANCHENG	587150	27.577	116.638	2A
NANJI SHAN	587650	27.462	121.078	3A
NANJING	582380	31.932	118.9	3A
NANNING	594310	22.784	108.547	2A
NANPING	588340	26.648	118.173	2A
NANYANG	571780	33.101	112.487	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NANYUE	577760	27.296	112.694	4A
NAOMAOHU	521120	43.754	94.975	5B
NAPO	592090	23.414	105.82	2A
NARAN BULAG	530830	44.617	114.152	7
NAXI	576040	28.787	105.393	3A
NEIJIANG	575030	29.62	105.119	3A
NENJIANG	505570	49.156	125.228	7
NGARI	552280	32.5	80.083	7
NINGBO	582390	29.815	121.474	3A
NYINGCHI	563120	29.648	94.361	4A
OTOG QI	535290	39.088	107.963	6B
PAGRI	557730	27.721	89.154	7
PINGLIANG	539150	35.531	106.66	5B
PINGTAN	589440	25.505	119.783	2A
PINGWU	561930	32.417	104.517	3A
PISHAN	518180	37.615	78.276	4B
PU'ER SIMAO	569640	22.795	100.959	2A
PUCHENG	587310	27.923	118.542	3A
QAMDO	561370	31.148	97.174	5A
QIAN GORLOS	509490	45.091	124.867	6A
QIEMO QARQAN	518550	38.133	85.537	5B
QINGDAO	548570	36.063	120.335	4A
QINGLONG	544360	40.409	118.952	5A
QINGYUAN	542590	42.074	124.866	6A
QINZHOU	596320	21.95	108.614	2A
QIONGHAI	598550	19.209	110.482	1A
QITAI	513790	43.995	89.604	6B
QIXIAN SHAN	587260	27.96	117.841	4A
QUMARLEB	560210	34.129	95.806	7
QUZHOU	586330	28.968	118.894	3A
RIZHAO	549450	35.468	119.555	4A
RONGJIANG	579320	25.927	108.512	2A
RUIAN	587520	27.783	120.649	2A
RUILI	568380	24	97.846	2A
RUO'ERGAI	560790	33.575	102.966	7
RUOQIANG	517770	39.024	88.184	5B
SANGZHI	575540	29.401	110.162	3A
SANHU DAO	599850	16.534	111.606	0A
SANJIAZI	507450	47.376	123.924	7
SANSUI	578320	26.961	108.676	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
SANYA HEDONG	599485	18.251	109.508	0A
SANYA LIUDAOLING	599480	18.226	109.591	2A
SANYA PHOENIX INTL	574941	18.303	109.412	1A
SERTAR	561520	32.275	100.334	7
SHACHE	518110	38.433	77.267	4B
SHANGCHUAN DAO	596730	21.736	112.773	2A
SHANGHAI BAOSHAN	583620	31.391	121.445	3A
SHANGHAI HONGQIAO INTL	583670	31.198	121.336	3A
SHANGHAI PUDONG INTL	583211	31.143	121.805	3A
SHANGZHI	509680	45.206	127.979	7
SHANTOU	593160	23.385	116.679	2A
SHANWEI	595010	22.792	115.361	2A
SHAOGUAN	590820	24.67	113.608	2A
SHAOWU	587250	27.333	117.467	2A
SHAOYANG	577660	27.185	111.454	3A
SHENG SHANG	584730	30.722	122.818	3A
SHENGSI	584720	30.732	122.449	3A
SHENGXIAN	585560	29.592	120.811	3A
SHENGYANG TAOXIAN	543424	41.64	123.483	6A
SHENYANG	543420	41.733	123.51	6A
SHENZHEN	594930	22.542	114.003	1A
SHEYANG	581500	33.748	120.301	4A
SHIJIAZHUANG	536980	38.073	114.351	4B
SHIJIAZHUANG ZHENGDING INTL	470312	38.281	114.697	4A
SHIPU	585690	29.205	121.956	3A
SHISANJIANFANG	514950	43.212	91.742	5B
SINAN	577310	27.931	108.245	3A
SIPING	541570	43.12	124.385	6A
SOG XIAN	561060	31.888	93.78	7
SONGPAN	561820	32.671	103.603	5A
SUIFENHE	540960	44.389	131.165	7
SUNWU	505640	49.417	127.331	7
TACHENG	511330	46.732	82.98	6B
TAI SHAN	548260	36.256	117.106	6A
TAILAI	508440	46.401	123.453	7
TAIYUAN	537720	37.621	112.576	5B
TANGSHAN	545340	39.582	118.093	4A
TAZHONG	517470	38.968	83.66	5B
TENGCHONG	567390	24.984	98.506	3A
TIANHE	574940	30.598	114.051	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
TIANJIN	545270	39.081	117.052	4B
TIANJIN BINHAI INTL	545273	39.124	117.346	4B
TIANMU SHAN	584450	30.349	119.424	5A
TIANSHUI	570060	34.577	105.752	4A
TIANSHUI DAEBEI	570140	34.561	105.874	4A
TIKANLIK	517650	40.648	87.694	5B
TINGRI	556640	28.654	87.12	7
TONGCHUAN	539470	35.083	109.067	5A
TONGDAO	578450	26.159	109.778	3A
TONGDE	529570	35.267	100.65	7
TONGHE	509630	45.983	128.727	7
TONGLIAO	541350	43.595	122.26	6B
TULIHE	504340	50.483	121.683	8
TUOLE	526330	38.809	98.418	8
TUOTUOHE	560040	34.216	92.439	8
TURPAN	515730	42.95	89.231	4B
ULIASTAI	509150	45.513	116.963	7
URUMQI	514630	43.783	87.617	6B
URUMQI DIWOPU INTL	514635	43.907	87.474	6B
WANYUAN	572370	32.074	108.032	3A
WEICHANG	543110	41.961	117.766	6A
WEIFANG	548430	36.767	119.183	4A
WEINING	566910	26.863	104.28	4A
WENZHOU	586590	28.017	120.667	3A
WUDAOLIANG	529080	35.216	93.081	8
WUDU	560960	33.403	104.918	3B
WUGANG	578530	26.738	110.637	3A
WUHUXIAN	583380	31.12	118.595	3A
WUSHAOLING	527870	37.199	102.868	7
WUTAI SHAN	535880	38.942	113.513	7
WUYISHAN	587300	27.756	118.023	2A
WUZHOU	592650	23.478	111.304	2A
XAINZA	554720	30.95	88.633	7
XI UJIMQIN QI	540120	44.57	117.627	7
XIAMEN	591340	24.486	118.08	2A
XIANYANG	570360	34.447	108.752	4B
XIAO'ERGOU	505480	49.198	123.722	7
XICHANG	565710	27.904	102.268	3A
XIFENGZHEN	539230	35.727	107.628	5A
XIGAZE	555780	29.25	88.889	5C

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
XIHUA	571930	33.784	114.519	3A
XILIN GOL	541020	43.95	116.12	7
XIN BARAG YOUQI	506030	48.678	116.81	7
XINGREN	579020	25.431	105.183	3A
XINGTAI	537980	37.181	114.359	4B
XINING	528660	36.664	101.733	6A
XINXIAN	548080	36.233	115.667	4B
XINYANG	572970	32.137	114.043	3A
XINYI	594560	22.347	110.925	2A
XINZHENG	570830	34.706	113.663	4A
XISHA DAO	599810	16.833	112.332	0A
XITAI	588530	27.008	120.695	3A
XIUSHUI	575980	29.03	114.575	3A
XUNWU	591020	24.95	115.642	2A
XUZHOU	580270	34.287	117.159	4A
YA'AN	562870	29.983	102.997	3A
YAN AN	538450	36.576	109.45	5A
YANCHI	537230	37.792	107.39	5B
YANGCHENG	539750	35.489	112.41	4A
YANGJIANG	596630	21.846	111.978	2A
YANJI	542920	42.874	129.505	6A
YANZHOU	549160	35.563	116.842	4A
YIBIN	564920	28.769	104.605	3A
YICHANG	574610	30.734	111.36	3A
YICHUN HEILONGJIANG	507740	47.708	128.836	7
YICHUN JIANGXI	577930	27.791	114.369	3A
YINCHUAN	536140	38.471	106.208	5B
YINGKOU	544710	40.666	122.173	5A
YINING	514310	43.955	81.336	5B
YIWU	521180	43.242	94.672	7
YIYUAN	548360	36.183	118.15	4A
YONG'AN	589210	25.973	117.361	2A
YOUYANG	576330	28.822	108.767	3A
YU XIAN	535930	39.836	114.572	5B
YU ZHONG	529830	35.866	104.143	5B
YUANJIANG	569660	23.597	101.994	1B
YUANLING	576550	28.463	110.403	3A
YUANMOU	567630	25.722	101.872	2B
YUANPING	536730	38.738	112.714	5B
YUEYANG	575840	29.381	113.088	3A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
YULIN	536460	38.269	109.78	5B
YUMENZHEN	524360	40.27	97.027	6B
YUNCHENG	539590	35.112	111.067	4B
YUSHE	537870	37.069	112.983	5A
YUSHU	560290	33.001	96.964	6A
YUTIAN KERIYA	519310	36.85	81.65	5B
ZADOI	560180	32.893	95.295	7
ZAOYANG	572790	32.141	112.755	3A
ZHANG PING	589260	25.298	117.414	2A
ZHANGJIAKOU	544010	40.769	114.919	5B
ZHANGWU	542360	42.384	122.549	6A
ZHANGYE	526520	39.08	100.275	5B
ZHANJIANG	596580	21.155	110.303	1A
ZHANYI	567860	25.583	103.833	3A
ZHAOTONG	565860	27.352	103.719	4A
ZHIJIANG	577450	27.455	109.681	3A
ZHONGNING	537050	37.484	105.684	5B
ZHONGXIANG	573780	31.198	112.632	3A
ZHOUSHUIZI	546620	38.908	121.66	5A
ZHUMADIAN	572900	32.94	113.914	3A
Christmas Island (CXR)				
CHRISTMAS ISLAND	969950	-10.452	105.689	1A
Cocos (Keeling) Islands (CCK)				
WEST ISLAND	969960	-12.189	96.834	0A
Colombia (COL)				
BARRANQUILLA	800280	10.89	-74.781	0A
BOGOTA	802220	4.702	-74.147	3A
CALI	802590	3.543	-76.382	1A
CARTAGENA	800220	10.442	-75.513	0A
LETICIA	803980	-4.193	-69.943	0A
PEREIRA	802100	4.813	-75.74	2A
RIONEGRO	801120	6.165	-75.423	3A
SAN ANDRES	800010	12.584	-81.711	0A
Comoros (COM)				
HAYAYA	670020	-11.534	43.272	0A
Congo (COG)				
BRAZZAVILLE MAYA MAYA INTL	644500	-4.252	15.253	1A
POINTE NOIRE	644000	-4.816	11.887	1A
Congo, the Democratic Republic of the (COD)				
KINSHASA N'DJILI INTL	642100	-4.386	15.445	1A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
Cook Islands (COK)				
AITUTAKI	918310	-18.833	-159.767	1A
MANGAIA	918480	-21.917	-157.95	1A
MAUKE	918400	-20.137	-157.344	1A
PENRHYN	918020	-9.017	-158.031	0A
PUKAPUKA	918110	-10.915	-165.839	0A
RAROTONGA	918430	-21.201	-159.813	1A
Costa Rica (CRI)				
SAN JOSE SANTAMARIA INTL	787620	9.989	-84.218	2A
Cote d'Ivoire (CIV)				
ABIDJAN	655780	5.261	-3.926	0A
ADIAKE	655850	5.3	-3.3	0A
BONDOUKOU	655450	8.05	-2.783	0A
DALOA	655600	6.793	-6.473	0A
DIMBOKRO CITY	655620	6.65	-4.7	0A
GAGNOA	655570	6.133	-5.95	0A
SAN PEDRO	655940	4.747	-6.661	0A
SASSANDRA	655990	4.95	-6.083	0A
TABOU	655920	4.417	-7.367	1A
YAMOUSSOUKRO	655630	6.903	-5.366	0A
Croatia (HRV)				
BILOGORA	142560	45.884	17.2	4A
DARUVAR	142580	45.591	17.21	4A
DUBROVNIK CILIPI	144740	42.561	18.268	3A
GOSPIC	143300	44.55	15.373	5A
GRADISTE	143820	45.159	18.704	4A
OSIJEK CEPIN	142800	45.502	18.562	4A
OSIJEK KLISA	142840	45.468	18.806	4A
PULA	143070	44.894	13.922	3A
PUNTIJARKA	142350	45.908	15.968	5A
RIJEKA OMISALJ	131160	45.217	14.57	3A
SLAVONSKI BROD	143700	45.159	17.995	4A
SPLIT MARJAN	144450	43.508	16.426	3A
SPLIT RESNIK	144440	43.539	16.302	3A
ZADAR	144310	44.108	15.347	3A
ZAGREB MAKSIMIR	142400	45.822	16.034	4A
ZAGREB PLESO	142410	45.729	16.054	4A
Cuba (CUB)				
ABEL SANTAMARIA	783465	22.492	-79.944	1A
CAMAGUEY INTL	782550	21.42	-77.848	1A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
CAYO COCO	782390	22.539	-78.368	1A
GUANTANAMO BAY NAS	783670	19.906	-75.207	0B
HAVANA CASABLANCA	783250	23.144	-82.342	1A
HAVANA JOSE MARTI	782240	22.989	-82.409	1A
HOLGUIN	782623	20.786	-76.315	1A
JARDINES DEL REY	782561	22.461	-78.328	1A
MATANZAS	782290	23.034	-81.435	1A
PINAR DEL RIO	783150	22.417	-83.683	1A
SANCTI SPIRITUS	783490	21.933	-79.45	1A
SANTIAGO DE CUBA	782640	19.97	-75.835	1A
VILO ACUNA INTL	783334	21.616	-81.546	0A
Curacao (CUW)				
CURACAO INTL	789880	12.189	-68.96	0B
Cyprus (CYP)				
AKDENIZ	175050	35.3	32.967	2A
AKROTIRI	176010	34.59	32.988	2A
GAZIMAGUSA	175400	35.133	33.933	2B
GECITKALE	175300	35.233	33.733	2B
GIRNE	175100	35.35	33.333	2B
ISKELE	175350	35.283	33.883	2B
LARNACA	176090	34.875	33.625	2B
LEFKE	175010	35.112	32.85	2A
LEFKOSA	175150	35.2	33.35	2B
NICOSIA ERCAN	175210	35.15	33.5	2A
PAFOS INTL	176000	34.718	32.486	3A
YENIERENKOY	175500	35.533	34.17	2A
Czech Republic (CZE)				
BRNO-TURANY	117230	49.153	16.689	5A
CASLAV	116240	49.941	15.386	5A
CERVENA	117660	49.777	17.542	6A
CESKE BUDEJOVICE-ROZNOV	115460	48.952	14.47	5A
CHEB	114060	50.068	12.391	5A
CHURANOV	114570	49.068	13.615	6A
DOKSANY	115090	50.459	14.17	5A
DUKOVANY	116930	49.096	16.134	5A
HOLESOV	117740	49.321	17.57	5A
HRADEC KRALOVE	116480	50.25	15.85	5A
KARLOVY VARY	114140	50.202	12.914	6A
KOCELOVICE	114870	49.467	13.839	5A
KOSETICE	116280	49.574	15.081	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
KOSTELNI MYSLOVA	116360	49.159	15.439	5A
KUCHAROVICE	116980	48.881	16.085	5A
LIBEREC	116030	50.77	15.024	5A
LUKA	117100	49.652	16.953	5A
LYSA HORA	117870	49.546	18.448	7
MARIANSKE LAZNE	114180	49.991	12.696	6A
MILESOVKA	114640	50.555	13.931	6A
NAMEST NAD OSLAVOU	116920	49.171	16.121	5A
OSTRAVA MOSNOV	117820	49.692	18.113	5A
PARDUBICE	116520	50.016	15.74	5A
PEC POD SNEZKOU	116430	50.692	15.729	6A
PLZEN LINE	114480	49.675	13.275	5A
PLZEN-MIKULKA	114500	49.765	13.379	5A
PRADED	117350	50.083	17.23	7
PRAHA-KARLOV	115190	50.069	14.428	5A
PRAHA-KBELY	115670	50.123	14.538	5A
PRAHA-LIBUS	115200	50.008	14.447	5A
PRAHA-RUZYNE	115180	50.1	14.256	5A
PREROV	117480	49.426	17.405	5A
PRIBYSLAV	116590	49.583	15.762	5A
PRIMDA	114230	49.669	12.678	6A
SERAK	117300	50.188	17.108	7
SVRATOUCH	116830	49.735	16.034	6A
TEMELIN	115380	49.198	14.342	5A
TUSIMICE	114380	50.377	13.328	5A
USTI NAD LABEM	115020	50.683	14.041	5A
USTI NAD ORLICI	116790	49.98	16.422	5A
Denmark (DNK)				
AALBORG AP	60300	57.096	9.851	5A
AARHUS	60700	56.308	10.626	5A
AARHUS SYD	60740	56.08	10.135	5A
ABED	61410	54.828	11.329	5A
ANHOLT	60790	56.717	11.51	5A
ASSENS TOROE	61230	55.244	9.888	5A
BILLUND AP	61040	55.738	9.168	5A
BLAAVANDSHUK FYR	60810	55.557	8.083	5A
BORNHOLM AP	61900	55.068	14.749	5A
CHRISTIANSO FYR	61910	55.321	15.187	5A
DROGDEN FYR	61830	55.536	12.711	5A
ESBJERG AP	60800	55.528	8.563	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ESBJERG SAEDENSTRAND	60890	55.5	8.4	5A
FORNAES FYR	60710	56.443	10.957	5A
FOULUM	60690	56.493	9.571	5A
FREDERIKSHAVN	60430	57.436	10.549	5A
GEDSER	61490	54.569	11.944	5A
GNIBEN	61690	56.008	11.278	5A
HALD VEST	60490	56.561	10.093	5A
HAMMER ODDE FYR	61930	55.298	14.774	5A
HESSELOE	61650	56.196	11.71	5A
HOLBAEK	61560	55.736	11.603	5A
HVIDE SANDE	60580	56.007	8.141	5A
JAEGERSBORG	61810	55.766	12.526	5A
KEGNAES FYR	61190	54.853	9.988	5A
KOEBENHAVNS AP	61800	55.614	12.645	5A
KOLDING VAMDRUP AP	61080	55.438	9.334	5A
LANGOE	61380	54.821	10.994	5A
LOLLAND FALSTER MARIBO	61430	54.699	11.44	5A
MIDTJYLLANDS AP	60600	56.293	9.114	5A
MOEN FYR	61790	54.947	12.54	5A
NAKKEHOVED FYR	61680	56.119	12.343	5A
NEXOE VEST	61970	55.056	15.095	5A
ODENSE AP	61200	55.475	10.331	5A
OMOE FYR	61510	55.159	11.135	5A
ROEMOE JUVRE	60960	55.191	8.56	5A
ROESNAES FYR	61590	55.744	10.869	5A
ROSKILDE AP	61700	55.587	12.136	5A
SILSTRUP	60190	56.93	8.641	5A
SKAGEN FYR	60410	57.737	10.632	5A
STENHOEJ	60320	57.383	10.335	5A
SYDFYNS TASINGE ISL	61240	55.014	10.569	5A
TESSEBOELLE	61740	55.396	12.149	5A
THYBOROEN	60520	56.707	8.215	5A
TYLSTRUP	60310	57.185	9.953	5A
TYRA OEST	60220	55.721	4.802	5C
TYSTOFTE	61360	55.246	11.328	5A
VAERLOSE	61600	55.767	12.343	5A
VINDEBAEK KYST	61470	54.879	12.184	5A
VOJENS AP	61100	55.225	9.263	5A
Dominican Republic (DOM)				
CIBAO INTL	784600	19.406	-70.605	1A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
LAS AMERICAS INTL	784850	18.43	-69.669	1A
PUERTO PLATA LUPERON	784570	19.758	-70.57	0A
PUNTA CANA INTL	784790	18.567	-68.363	0A
SANTO DOMINGO	784860	18.473	-69.871	0A
Ecuador (ECU)				
GUAYAQUIL	842030	-2.157	-79.884	1A
LATACUNGA	841230	-0.907	-78.616	3A
MANTA	841170	-0.95	-80.683	1B
QUITO	840710	-0.141	-78.488	3A
Egypt (EGY)				
ABU SIMBEL	624190	22.376	31.612	0B
ABURDEES	624580	28.91	33.196	2B
ALEXANDRIA BORG EL ARAB INTL	623601	30.918	29.696	2B
ALEXANDRIA INTL	623180	31.184	29.949	2B
ASSIUT INTL	623930	27.047	31.012	2B
ASWAN INTL	624140	23.964	32.82	0B
BAHARIA	624200	28.333	28.867	2B
BALTIM	623250	31.554	31.084	2B
CAIRO INTL	623660	30.122	31.406	2B
DABAA	623090	31.033	28.445	2B
DAKHLA	624320	25.503	28.973	1B
EL ARISH INTL	623370	31.073	33.836	2B
EL TOR	624590	28.209	33.646	2B
FARAFRA	624230	27.058	27.989	2B
HURGHADA INTL	624630	27.178	33.799	1B
ISMAILIA	624400	30.592	32.247	2B
KHARGA	624350	25.464	30.543	1B
KOSSEIR	624650	26.136	34.258	1B
LUXOR INTL	624050	25.671	32.707	1B
MERSA MATRUH	623060	31.325	27.222	2B
MINYA	623870	28.083	30.733	2B
NEKHEL	624520	29.914	33.74	3B
PORT SAID EL GAMIL	623320	31.279	32.238	2B
QENA SOUTH VALLEY UNIVERSITY	624030	26.2	32.747	1B
RAS SEDR	624550	29.584	32.718	2B
SALLUM	623050	31.57	25.132	2B
SHARM EL SHEIKH INTL	624639	27.979	34.393	0B
SIWA	624170	29.2	25.483	2B
TABA INTL	624560	29.588	34.778	2B
El Salvador (SLV)				

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
EL SALVADOR INTL	786660	13.441	-89.056	0A
ILOPANGO	786630	13.699	-89.12	1A
Equatorial Guinea (GNQ)				
MALABO	648100	3.755	8.709	0A
Estonia (EST)				
JOGEVA	261440	58.75	26.415	6A
JOHVI	260460	59.329	27.398	6A
KIHNU	262260	58.099	23.97	6A
KUNDA	260450	59.521	26.542	6A
KURESSAARE-ROOMASSAARE	262150	58.218	22.506	6A
KUUSIKU	261340	58.973	24.734	6A
LAANE-NIGULA	261240	58.951	23.816	6A
NARVA-JOESUU	260580	59.389	28.109	6A
PAKRI	260290	59.389	24.04	6A
PJARNU-SAUGA	262310	58.42	24.47	6A
RISTNA	261150	58.921	22.066	6A
RUHNU	262270	57.783	23.259	5A
SORVE	262180	57.914	22.058	5A
TALLINN	260380	59.398	24.603	6A
TARTU	262420	58.264	26.461	6A
TILRIKOJA	261450	58.865	26.952	6A
TURI	261350	58.809	25.409	6A
VAIKE-MAARJA	261410	59.141	26.231	6A
VALGA	262470	57.79	26.038	6A
VILJANDI	262330	58.378	25.6	6A
VILSANDI	262140	58.383	21.814	5A
VIRTSU	261280	58.573	23.514	6A
VORU	262490	57.846	27.019	6A
Ethiopia (ETH)				
ADDIS ABABA BOLE INTL	634500	8.978	38.799	3A
Falkland Islands (Malvinas) (FLK)				
MOUNT PLEASANT	888890	-51.82	-58.448	6A
PEBBLE ISLAND	888780	-51.317	-59.6	6A
SEA LION ISLAND	888970	-52.426	-59.076	6A
WEDDELL ISLAND	888830	-51.891	-60.912	6A
Faroe Islands (FRO)				
AKRABERG FYR	60090	61.396	-6.682	6A
KIRKJA	60120	62.319	-6.321	6A
TORSHAVN	60110	62.023	-6.765	6A
VAGAR AP	60100	62.066	-7.285	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
Fiji (FJI)				
LAKEBA	916910	-18.233	-178.8	1A
LAUTOKA	916790	-17.6	177.45	1A
MATUKU	916970	-19.133	179.75	1A
NABOUWALU	916590	-17	178.7	1A
NADI	916800	-17.755	177.443	1A
NAUSORI	916830	-18.043	178.559	1A
ONO-I-LAU	916990	-20.667	-178.717	1A
ROTUMA ISLAND	916500	-12.5	177.05	0A
SUVA	916890	-18.133	178.433	1A
UDU POINT	916520	-16.133	-179.983	1A
VANUA BALAVU	916760	-17.233	-178.95	1A
VIWA	916700	-17.15	176.9	0A
VUNISEA	916930	-19.05	178.167	1A
YASAWA-I-RARA	916600	-16.7	177.583	0A
Finland (FIN)				
AHTARI MYLLYMAKI	29240	62.535	24.217	7
ALAJARVI MOKSY	27870	63.089	24.261	7
ASIKKALA PULKKILANHARJU	27270	61.265	25.52	6A
ENONTEKIO	28075	68.363	23.424	8
ENONTEKIO KILPISJARVI	28010	69.049	20.791	8
ENONTEKIO NAKKALA	27260	68.603	23.576	8
ESPOO TAPIOLA	29851	60.178	24.787	6A
HAAPAVEST MUSTIKKAMAKI	27970	64.142	25.423	7
HAILUOTO KESKIKYLA	28740	65.02	24.727	7
HAILUOTO MARJANIEMI	28730	65.04	24.561	7
HALLI	29450	61.855	24.805	7
HALSUA KANALA PUROLA	27250	63.446	24.444	7
HAMEENLINNA KATINEN	27540	60.999	24.492	6A
HAMEENLINNA LAMMI PAPPILA	27670	61.054	25.038	6A
HAMMARLAND MARKET	29930	60.301	19.131	6A
HANKO RUSSARO	29820	59.774	22.952	6A
HANKO TULLINIEMI	27460	59.809	22.916	6A
HANKO TVARMINNE	27500	59.844	23.248	6A
HATTULA LEPAA AWS	27040	61.115	24.324	6A
HEINOLA ASEMANTAUS	27680	61.2	26.049	6A
HELSINKI HARMAJA	27950	60.105	24.976	6A
HELSINKI KAISANIEMI	29780	60.175	24.945	6A
HELSINKI MALMI	29750	60.255	25.043	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HELSINKI VANTAA	29740	60.327	24.957	6A
HYVINKAA HYVINKAANKYLA	28290	60.596	24.803	6A
ILOMANTSI MEKRIJARVI	29390	62.77	30.975	7
INARI KIRAKKAJARVI	28580	69.582	28.894	7
INARI NELLIM	28350	68.849	28.299	7
INARI RAJAJOOSEPPI	28180	68.478	28.301	7
INARI SAARISELKA	27220	68.415	27.413	7
INARI VAYLA	28270	69.072	27.492	7
INKOO BAGASKAR	29840	59.931	24.014	6A
ISOSAARI	29880	60.1	25.051	6A
IVALO	28070	68.608	27.414	7
JOENSUU AP	29290	62.66	29.611	7
JOKIOINEN	29630	60.814	23.497	6A
JOMALA	29710	60.15	19.867	6A
JOMLABY	27410	60.178	19.986	6A
JOROINEN VARKAUS	27480	62.174	27.86	7
JOUTSA LEIVONMAKI SAVENAHO	27710	61.879	26.095	7
JUUKA NIEMELA	27910	63.233	29.234	7
JUUPAJOKI HYYTIALA	27700	61.846	24.287	7
JUVA PARTALA	27360	61.892	27.885	7
JYVASKYLA	29350	62.398	25.671	7
KAARINA YLTOINEN	28280	60.387	22.551	6A
KAJAANI	28970	64.283	27.673	7
KALAJOKI ULKOKALLA	29070	64.331	23.446	7
KANKAANPAA NIINISALO PUOLVOIM	29420	61.839	22.463	7
KARLEBY-JAKOBSTAD	29030	63.718	23.139	7
KAUHAJOKI KUJA-KOKKO	27690	62.413	22.184	7
KAUHAVA	29130	63.136	23.053	7
KEMI 1 FYR	28630	65.385	24.096	7
KEMI AJOS	28620	65.673	24.515	7
KEMI TORNIO	28640	65.784	24.579	7
KEMIJARVI	28140	66.716	27.159	7
KEMIONSAARI VANO	27430	59.869	22.193	6A
KILPISJARVI SAANA	27010	69.043	20.851	8
KIRKKONUMMI MAKILUOTO	27940	59.92	24.349	6A
KITTILA	27200	67.696	24.858	7
KITTILA KENTTAROVA	28240	67.987	24.243	7
KITTILA POKKA	27170	68.17	25.783	7
KOKAR BOGSKAR	29790	59.504	20.347	5A
KOKEMAKI TULKKILA	29370	61.253	22.346	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KOKKOLA TANKAR	27210	63.951	22.844	7
KORSNAS BREDSKARET	27800	62.935	21.185	6A
KOTKA HAAPASAARI	29670	60.287	27.185	6A
KOTKA RANKKI	29760	60.375	26.959	6A
KOUVOLA ANJALA	28300	60.696	26.811	6A
KRISTIINANKAUPUNKI FYR	27520	62.204	21.17	6A
KUHMO KALLIOJOKI	27990	64.298	30.166	7
KUMLINGE ISLAND	29900	60.3	20.75	6A
KUMLINGE KK	27900	60.258	20.747	6A
KUOPIO	29170	63.008	27.799	7
KUOPIO MAANINKA	27880	63.143	27.313	7
KUOPIO RITONIEMI	27320	62.799	27.905	7
KUSTAVI ISOKARI	29640	60.722	21.027	6A
KUUSAMO	28690	65.996	29.223	7
KUUSAMO KIUTAKONGAS	28110	66.37	29.312	7
KUUSAMO RUKATUNTURI	28680	66.166	29.152	7
KUUSKAJASKARI	29610	61.133	21.366	6A
LAHTI LAUNE	29650	60.962	25.631	7
LAPPEENRANTA	29580	61.044	28.151	7
LAPPEENRANTA HIEKKAPAKKA	29190	61.198	28.473	7
LAPPEENRANTA KONNUNSUO	27330	61.039	28.564	7
LEMLAND NYHAMN	29800	59.959	19.955	6A
LIEKSA LAMPELA	27960	63.321	30.046	7
LIPERI TUISKAVANLUOTO	27930	62.546	29.668	7
LOHJA PORLA	27060	60.244	24.049	6A
LOVIISA ORRENGRUND	29920	60.275	26.444	6A
LUHANKA JUDINSALO	27650	61.704	25.505	6A
MARIEHAMN	29700	60.125	19.903	6A
MASSKAR	29010	63.728	22.584	7
MIKKELI	29470	61.689	27.202	7
MOIKIPAA	29210	62.888	21.091	7
MUONIO ALAMUONIO	28230	67.958	23.685	7
MUONIO LAUKUKERO	28200	68.063	24.033	8
MUONIO SAMMALTUNTURI	28210	67.973	24.116	7
MUSTASAARI VALASSAARET	29100	63.436	21.064	6A
NIVALA	29050	63.917	24.967	7
OULU AP	28750	64.926	25.373	7
OULU VIHREASAARI	28760	65.006	25.393	7
PARAINEN FAGERHOLM	29500	60.112	21.698	6A
PARAINEN UTO	29810	59.784	21.368	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
PARIKKALA KOITSANLAHTI	27340	61.445	29.461	7
PELKOSENNIEMI PYHATUNTURI	27050	67.022	27.218	7
PELLO	28440	66.773	23.963	7
PIETARSAARI KALLAN	29200	63.751	22.523	6A
PORI	29520	61.467	21.788	6A
PORI TAHKOLUOTO HARBOUR	27510	61.63	21.376	6A
PORVOO EMASALO	29910	60.204	25.626	6A
PORVOO HARABACKA	27590	60.392	25.607	6A
PORVOO KALLBADAGRUND	29870	59.985	25.599	6A
PUDASJARVI	28670	65.367	27.017	7
PUDASJARVI AP	28660	65.414	26.963	7
PUUMALA KK URHEILUKENTTA	27180	61.523	28.185	6A
PYHAJARVI OL OJAKYLA	27380	63.736	25.706	7
RAAHE LAPALUOTO	28720	64.666	24.407	7
RAASEPORI JUSSARO	27570	59.821	23.576	6A
RANTASALMI RUKKASLUOTO	27720	62.063	28.566	7
RAUMA KYLMAPIHLAJA	27610	61.145	21.303	6A
RAUTAVAARA YLA-LUOSTA	27890	63.378	28.662	7
ROVANIEMI AP	28450	66.562	25.822	7
ROVANIEMI APUKKA	28130	66.579	26.011	7
ROVANIEMI RAUTATIEASEMA	28470	66.498	25.708	7
SAARISELKA KAUNISPAA	28170	68.434	27.443	7
SALLA KK MYLLYTIE	28490	66.834	28.674	7
SALLA NARUSKA	27450	67.162	29.178	7
SALLA VARRIOTUNTURI	28190	67.749	29.611	7
SALO KARKKA	27560	60.374	23.113	6A
SALO KIIKALA	27770	60.464	23.65	6A
SAVONLINNA	29480	61.946	28.932	7
SAVONLINNA PUNKAHARJU	27780	61.802	29.315	7
SAVUKOSKI KK	28150	67.286	28.177	7
SEINAJOKI	29245	62.692	22.832	7
SEINAJOKI PELMAA	28330	62.938	22.489	7
SIIKAJOKI REVONLAHTI	28030	64.684	25.088	7
SIILINKARI FYR	29430	61.518	23.754	6A
SODANKYLA	28360	67.367	26.629	7
SODANKYLA KOKKA	27190	67.821	27.746	7
SODANKYLA VUOTSO	28160	68.084	27.185	8
SOTKAMO KUOLANIEMI	27390	64.112	28.336	7
STROMMINGSBADN	27810	62.979	20.74	6A
SUOMUSSALMI	28790	64.9	29.017	7

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SUOMUSSALMI PESIO	28890	64.931	28.747	7
TAIVALKOSKI KK URHEILUTIE	28040	65.575	28.218	7
TAMPERE HARMALA	27630	61.466	23.747	6A
TAMPERE PIRKKALA	29440	61.42	23.617	7
TOHMAJARVI KEMIE	28320	62.235	30.347	7
TOHOLAMPI LAITALA	27370	63.821	24.163	7
TURKU AP	29720	60.516	22.279	6A
TURKU ARTUKAINEN	27730	60.454	22.179	6A
TURKU RAJAKARI	27470	60.378	22.096	6A
UTSJOKI KEVO	28050	69.756	27.007	8
UTSJOKI NUORGAM	28250	70.082	27.896	7
UTTI	29660	60.891	26.941	6A
VAASA AP	29110	63.059	21.755	7
VAASA KLEMETTILA	29570	63.099	21.639	6A
VALTIMO KK	27980	63.667	28.829	7
VESANTO SONKARI	27100	62.922	26.425	7
VIEREMA KAARAKKALA	28340	63.841	27.221	7
VIHTI MAASOJA	27580	60.419	24.399	6A
VIITASAARI	29150	63.082	25.859	7
VIROLAHTI KOIVUNIEMI	28310	60.527	27.673	6A
VIRRAT AIJANNEVA	27350	62.328	23.542	7
YLITORNIO MELTOSJARVI	28120	66.529	24.65	7
YLIVIESKA	27550	64.05	24.725	7
France (FRA)				
ABBEVILLE	70050	50.136	1.834	4A
AGEN LA GARENNE AP	75240	44.172	0.595	4A
AJACCIO BONAPARTE AP	77610	41.918	8.793	3A
ALBI LE SEQUESTRE AP	76320	43.915	2.116	4A
ALENCON-VALFRAMBERT AP	71390	48.446	0.11	4A
ALISTRO	77750	42.26	9.541	3A
AMBERIEU-EN-BUGEY AB	74820	45.977	5.329	4A
ANGERS AP	73901	47.562	-0.317	4A
ANGOULEME-COGNAC AP	74200	45.728	0.221	4A
ANNECY MONT BLANC AP	74900	45.93	6.105	4A
AUBENAS AP	75700	44.538	4.367	4A
AUCH GERS AP	76220	43.689	0.601	4A
AURILLAC-TRONQUIERES AP	75490	44.899	2.421	5A
AUXERRE PERRIGNY	72660	47.825	3.55	4A
AVIGNON PROVENCE AP	75630	43.911	4.902	3A
AVORD AB	72570	47.052	2.642	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BASEL-MULHOUSE-FREIBURG AP	72990	47.614	7.51	4A
BASTIA-PORETTA AP	77900	42.541	9.485	3A
BEAUCOUZE	72300	47.479	-0.614	4A
BELFORT FONTAINE	72950	47.633	6.867	5A
BELLE ILE-LE TALUT	72070	47.294	-3.218	4A
BERGERAC DORDOGNE PERIGORD AP	75300	44.823	0.524	4A
BESANCON THISE	72880	47.249	5.989	4A
BEZIERS CAP D'AGDE AP	76380	43.322	3.353	3A
BIARRITZ AP	76020	43.469	-1.534	3A
BISCAROSSE PARENTIS	75030	44.432	-1.248	3A
BLOIS LE BREUIL AP	72450	47.679	1.212	4A
BORDEAUX MERIGNAC	75100	44.831	-0.691	3A
BOULOGNE	70020	50.733	1.6	4A
BOURG ST-MAURICE	74970	45.613	6.763	5A
BOURGES AP	72550	47.059	2.36	4A
BOURGOGNE AP	72800	47.268	5.088	4A
BREST BRETAGNE AP	71100	48.444	-4.412	4A
BRIGNOGAN	71070	48.676	-4.331	4A
BRIVE-LA-GAILLARDE	74380	45.147	1.473	4A
CAEN CARPIQUET	70270	49.18	-0.456	4A
CALVI ST CATHERINE AP	77540	42.529	8.791	3A
CAMBRAI EPINOY	70170	50.222	3.154	4A
CANNES-MANDELIEU AP	76840	43.556	6.951	3A
CAP BEAR	77490	42.516	3.133	3A
CAP CEPET	76610	43.079	5.941	3A
CAP CORSE	77850	43.005	9.358	3A
CAP COURONNE	76530	43.332	5.053	3A
CAP DE LA HEVE	70280	49.509	0.071	4A
CAP FERRAT	76950	43.683	7.328	3A
CAP LEUCATE	76660	42.917	3.06	3A
CAP PERTUSATO	77700	41.375	9.178	3A
CAP POMEGUES	76520	43.265	5.29	3A
CAPE SAGRO	77910	42.798	9.489	3A
CARCASSONNE AP	76350	43.215	2.296	3A
CARPENTRAS	75860	44.083	5.059	3A
CAZAUX AB	75020	44.535	-1.132	4A
CHAMBERY SAVOIE MONT BLANC AP	74910	45.641	5.878	4A
CHARLEVILLE-MEZIERES AP	70750	49.783	4.643	5A
CHARTRES CHAMPOL AP	71430	48.46	1.501	4A
CHATEAU-ARNOUX-ST-AUBAN AP	75880	44.062	5.99	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CHATEAUDUN AB	71400	48.061	1.376	4A
CHATEAURROUX AP	73540	46.87	1.741	4A
CHERBURG MAUPERTUS	70240	49.653	-1.464	4A
CLERMONT-FERRAND AUVERGNE AP	74600	45.787	3.149	4A
COGNAC-CHATEAUBERNARD AB	74120	45.665	-0.316	4A
COLMAR-MEYENHEIM AB	71970	47.929	7.408	4A
CREIL AP	70570	49.252	2.521	4A
DAX SEYRESSE AP	76030	43.69	-1.07	3A
DEAUVILLE ST GATIEN AP	70310	49.364	0.167	4A
DIEPPE	70400	49.932	1.089	4A
DOLE-JURA AP	73860	47.044	5.427	4A
DUNKERQUE	70100	51.056	2.339	4A
EMBRUN	75910	44.566	6.502	4A
EPINAL-DOGNEVILLE AP	71730	48.211	6.452	5A
EVREUX HUEST AB	70380	49.025	1.222	4A
FIGARI SUD CORSE AP	77800	41.505	9.104	3A
GASCOGNE BUOY 62001	995700	45.2	-5	3A
GOURDON	75350	44.745	1.397	4A
GRENOBLE SAINT GEOIRS AP	74860	45.364	5.313	4A
GRENONBLE LE VERSOUD AP	74870	45.217	5.849	4A
GROUIN DE CANCALE	71270	48.71	-1.845	4A
GUERET HP	73600	46.161	1.869	4A
ILE D'YEU	73000	46.694	-2.33	3A
ILE DE BREHAT	71210	48.856	-3.004	4A
ILE DE GROIX	72030	47.652	-3.502	4A
ILE ROUSSE	77530	42.633	8.923	3A
ILES DE PORQUEROLLES	76700	43	6.227	3A
ISTRES AP	76470	43.523	4.922	3A
LA CHIAPPA	77680	41.595	9.363	3A
LA ROCHE-SUR-YON AP	73060	46.7	-1.379	4A
LA ROCHELLE ILE DE RE AP	73160	46.178	-1.193	4A
LA ROCHELLE LE BOUT BLANC	73150	46.153	-1.159	3A
LANDIVISIAU AP	71060	48.526	-4.147	4A
LANGRES	72830	47.844	5.338	5A
LANNION COTE DE GRANIT	71180	48.755	-3.469	4A
LANVEOC POULMIC AB	71090	48.279	-4.439	4A
LAVAL-ENTRAMMES AP	71340	48.031	-0.746	4A
LE HAVRE-OCTEVILLE AP	70460	49.533	0.092	4A
LE LUC LE CANNET AP	76750	43.383	6.386	3A
LE MANS ARNAGE AP	72350	47.946	0.194	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
LE PUY LOUDES AP	74710	45.075	3.764	5A
LE TOUQUET AP	70030	50.514	1.623	4A
LEGE CAP FERRET	75000	44.645	-1.249	3A
LES SAUVAGES	74770	45.935	4.384	4A
LILLE-LESQUIN AP	70150	50.57	3.098	4A
LIMOGES AP	74340	45.861	1.175	4A
LION BUOY 61002	996170	42.1	4.7	3A
LONS-LE-SAUNIER	73900	46.693	5.518	4A
LORIENT BRETAGNE SUD AP	72050	47.763	-3.436	4A
LUXEUIL AB	72920	47.787	6.364	5A
LYON ST EXUPERY AP	74810	45.726	5.078	4A
LYON-BRON AP	74800	45.726	4.938	4A
MACON-CHARNAY AP	73850	46.297	4.799	4A
MARSEILLE PROVENCE AP	76500	43.438	5.216	3A
MEAULTE AP	70590	49.972	2.704	4A
MELUN VILLAROCHE AP	71530	48.611	2.679	4A
MENDE	75540	44.534	3.454	5A
METZ FRESCATY	70900	49.072	6.132	4A
METZ NANCY LORRAINE AP	70930	48.979	6.243	4A
MILLAU	75580	44.119	3.019	4A
MONT AIGOUAL	75600	44.121	3.581	6A
MONT-DE-MARSAN AB	76070	43.91	-0.5	4A
MONTAUBAN MORIN-VERDRINES AP	75400	44.028	1.377	4A
MONTELIMAR-ANCONE AP	75770	44.581	4.733	3A
MONTPELLIER MEDITERRANEE AP	76430	43.577	3.963	3A
NANCY-ESSEY AP	71800	48.688	6.221	4A
NANCY-OCHEY AB	71810	48.581	5.96	5A
NANTES ATLANTIQUE AP	72220	47.15	-1.609	4A
NEVERS-FOURCHAMBAULT AP	72600	46.998	3.113	4A
NICE BUOY 61001	996080	43.4	7.8	3A
NICE COTE D'AZUR AP	76900	43.649	7.209	3A
NIMES AP	76460	43.759	4.417	3A
NIMES COURBESSAC AP	76450	43.857	4.406	3A
NIORT SOUCHE AP	73300	46.316	-0.4	4A
ORANGE-CARITAT AB	75790	44.144	4.861	3A
ORLEANS BRICY AB	72490	47.991	1.778	4A
OUESSANT-STIFF	71000	48.473	-5.057	4A
PARIS BEAUVAIS TILLE AP	70550	49.446	2.127	4A
PARIS CHARLES DE GAULLE AP	71570	49.015	2.534	4A
PARIS LE BOURGET AP	71500	48.968	2.428	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
PARIS MONTSOURIS	71560	48.822	2.338	4A
PARIS ORLY AP	71490	48.717	2.384	4A
PARIS VATRY AP	71660	48.777	4.165	4A
PAU PYRENEES AP	76100	43.385	-0.416	4A
PERPIGNAN SUD DE FRANCE AP	77470	42.737	2.873	3A
PLOUMANAC'H PERROS GUIREC	71170	48.826	-3.474	4A
POINTE DE CHASSIRON	73140	46.047	-1.412	3A
POINTE DE CHEMOULIN	72160	47.234	-2.299	4A
POINTE DE LA HAGUE	70200	49.725	-1.94	4A
POINTE DE PENMARCH	72000	47.798	-4.375	4A
POINTE DE SOCOA	76000	43.394	-1.686	3A
POINTE DU RAZ	71030	48.039	-4.732	4A
POITIERS-BIARD AP	73350	46.594	0.314	4A
PONTOISE	70530	49.09	2.029	4A
PORT EN BESSIN	70290	49.35	-0.767	4A
QUIMPER BRETAGNE AP	72010	47.973	-4.161	4A
REIMS CHAMPAGNE	70700	49.31	4.05	4A
RENNES BRETAGNE AP	71300	48.069	-1.734	4A
RODEZ-AVEYRON AP	75520	44.41	2.482	4A
ROMORANTIN-PRUNIERS AP	72470	47.32	1.688	4A
ROUEN VALLEE DE SEINE AP	70370	49.383	1.182	4A
SAINT-DIZIER AB	71690	48.631	4.904	4A
SAINT-MALO-DINARD AP	71250	48.589	-2.075	4A
SAINT-YAN AP	73790	46.408	4.016	4A
SALON-DE-PROVENCE AP	76480	43.606	5.109	3A
SANDETTIE LIGHT BUOY 6230	996480	51.102	1.8	4A
SETE	76410	43.397	3.692	3A
SOLENZARA AB	77650	41.924	9.397	3A
ST BRIEUC ARMOR AP	71200	48.536	-2.853	4A
ST GIRONS ANTICHAN AP	76270	43.005	1.107	4A
ST NAZAIRE MONTOIR AP	72170	47.314	-2.154	4A
ST QUENTIN ROUPY AP	70610	49.818	3.206	4A
ST-ETIENNE BOUTHEON AP	74750	45.533	4.293	4A
STRASBORG-ENTZHEIM	71900	48.549	7.64	4A
TARBES LOURDES PYRENEES AP	76210	43.188	0	4A
TOUL ROSIERES	71790	48.783	5.983	4A
TOULON HYERES AP	76670	43.094	6.146	3A
TOULON ILE DU LEVANT	76780	43.023	6.46	3A
TOULON LA MITRE	76600	43.104	5.931	3A
TOULOUSE BLAGNAC AP	76300	43.621	1.379	3A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
TOULOUSE FRANCAZAL AP	76310	43.54	1.373	3A
TOURS VAL DE LOIRE AP	72400	47.444	0.728	4A
TOUSSUS-LE-NOBLE AP	71460	48.751	2.113	4A
TRAPPES	71450	48.774	2.01	4A
TROYES-BARBEREY AP	71680	48.325	4.02	4A
VALOGNES	70390	49.517	-1.5	4A
VANNES SENE	72100	47.605	-2.714	4A
VELIZY-VILLACOUBLAY AB	71470	48.77	2.205	4A
VICHY-CHARMEIL AP	73740	46.167	3.399	4A
French Guiana (GUF)				
CAYENNE MATOURY	814050	4.82	-52.36	0A
French Polynesia (PYF)				
BORA BORA	919290	-16.445	-151.752	0A
HAO	919440	-18.063	-140.961	0A
HEREHERETUE	919450	-19.867	-144.996	1A
HIVA OA	919250	-9.806	-139.036	0A
MANGAREVA	919480	-23.13	-134.965	2A
MUROROA	919520	-21.813	-138.798	1A
RAPA ITI	919580	-27.618	-144.335	2A
TAHITI	919380	-17.554	-149.607	0A
TAKAROA	919430	-14.454	-145.025	0A
TUBUAI	919540	-23.371	-149.529	2A
French Southern Territories (ATF)				
ILE DE LA POSSESSION	619970	-46.432	51.857	6A
ILE EUROPA	619720	-22.344	40.341	1B
ILE JUAN DE NOVA	619700	-17.055	42.712	0B
ILE TROMELIN	619760	-15.888	54.521	0A
ILES GLORIEUSES	619680	-11.583	47.29	0A
MARTIN-DE-VIVIES	619960	-37.795	77.569	3A
PORT-AUX-FRANCAIS	619980	-49.352	70.243	6A
Gabon (GAB)				
LIBREVILLE INTL	645000	0.459	9.412	0A
PORT-GENTIL	645010	-0.712	8.754	0A
Gambia (GMB)				
BANJUL YUNDUM	617010	13.338	-16.652	0A
Georgia (GEO)				
AKHALTSIKHE	375140	41.651	43.007	5A
AMBROLAURI	373080	42.527	43.139	4A
BATUMI	374840	41.61	41.6	3A
BOLNISI	376210	41.451	44.559	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KUTAISI	373950	42.254	42.628	3A
KUTAISI INTL	371775	42.177	42.483	3A
MTA-SABUETI	374090	42.034	43.475	5A
PASANAURI	374320	42.356	44.686	5A
SOKHUMI BABUSHARA	372600	42.867	41.133	4A
TBILISI	375490	41.75	44.769	4A
TBILISI INTL	375450	41.667	44.95	4A
TELAVI	375530	41.928	45.512	4A
Germany (DEU)				
AACHEN	105010	50.783	6.095	5A
AHLHORN	102180	52.883	8.233	5A
ANGERMUENDE	102910	53.032	13.991	5A
ANSBACH	107550	49.308	10.639	5A
ARTERN	104600	51.374	11.292	5A
AUGSBURG	108520	48.425	10.942	5A
BERGEN	102380	52.815	9.925	5A
BERLIN DAHLEM	103810	52.454	13.302	5A
BERLIN SCHONEFELD	103850	52.381	13.531	5A
BERLIN TEGEL	103820	52.564	13.309	5A
BERLIN TEMPELHOF	103840	52.468	13.402	5A
BITBURG	106100	49.95	6.567	5A
BOIZENBURG	102490	53.391	10.688	5A
BOLTENHAGEN	101610	54.003	11.191	5A
BONN ROLEBER	105190	50.735	7.193	4A
BRAUNSCHWEIG	103480	52.291	10.446	5A
BREMEN	102240	53.045	8.798	5A
BREMERHAVEN	101290	53.533	8.576	5A
BREMGARTEN	109000	47.9	7.617	4A
BROCKEN	104530	51.799	10.618	7
BRUGGEN	104010	51.2	6.133	5A
BUCHEL	106130	50.175	7.059	5A
BUECKEBURG	103350	52.282	9.089	5A
CELLE	103430	52.596	10.029	5A
CHEMNITZ	105770	50.791	12.872	5A
COTTBUS	104960	51.776	14.317	5A
CUXHAVEN	101310	53.871	8.706	5A
CUXHAVEN NORDHOLZ	101360	53.765	8.658	5A
DIEPHOLZ	103210	52.588	8.342	5A
DOBERLUG KIRCHHAIN	104900	51.645	13.575	5A
DOERNICK	101500	54.166	10.352	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
DRESDEN	104880	51.128	13.754	5A
DUSSELDORF	104000	51.296	6.769	4A
EGGEBEK	100340	54.625	9.346	5A
EMDEN	102000	53.388	7.229	5A
ERFURT WEIMAR	105540	50.983	10.961	5A
ESSEN MULHEIM	104100	51.404	6.968	5A
FASSBERG	102460	52.916	10.189	5A
FEHMARN	100550	54.528	11.061	5A
FICHTELBERG	105780	50.428	12.954	7
FRANKFURT AM MAIN	106370	50.026	8.521	4A
FRANKFURT HAHN	106160	49.946	7.264	5A
FREIBURG	108030	48.023	7.834	4A
FRIEDRICHSHAFEN	109350	47.671	9.511	5A
FRITZLAR	104390	51.119	9.28	5A
FUERSTENZELL	108950	48.545	13.353	5A
FURSTENFELDBRUCK	108580	48.206	11.267	5A
GARDELEGEN	103590	52.513	11.394	5A
GEILENKIRCHEN	105000	50.959	6.039	4A
GERA LEUMNITZ	105670	50.881	12.129	5A
GIESSEN	105320	50.602	8.644	5A
GLUECKSBURG-MEIERWIK	100330	54.827	9.506	5A
GOERLITZ	104990	51.162	14.951	5A
GRAFENWOHR	106870	49.699	11.94	5A
GREIFSWALD	101840	54.097	13.406	5A
GREIFSWALDER OIE	100970	54.244	13.91	5A
GUTERSLOH	103200	51.923	8.306	5A
HAMBURG FUHLSBUTTEL	101470	53.633	9.988	5A
HANNOVER	103380	52.464	9.678	5A
HEIDELBERG	107345	49.393	8.652	4A
HOF PLAUEN	106850	50.312	11.876	6A
HOHENFELS	107750	49.218	11.836	5A
HOHENPEISSENBERG	109620	47.801	11.011	6A
HOHN	100380	54.316	9.539	5A
HOLZDORF	104760	51.766	13.167	5A
HOPSTEN	103140	52.333	7.533	5A
IDAR-OBERSTEIN	106180	49.693	7.326	5A
ILLESHEIM AHP	107520	49.477	10.382	5A
ITZEHOE	101420	53.99	9.57	5A
KAHLER ASTEN	104270	51.18	8.489	6A
KALKAR	104040	51.75	6.283	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KARLSRUHE BADEN BADEN	107275	48.779	8.081	4A
KASSEL	104380	51.296	9.443	5A
KIEL HOLTENAU	100460	54.376	10.143	5A
KOELN BONN	105130	50.864	7.157	4A
KONSTANZ	109290	47.678	9.19	5A
KUEMMERSBRUCK	107710	49.428	11.902	5A
LAHR	108050	48.365	7.828	4A
LANDSBERG AM LECH	108570	48.071	10.906	5A
LAUPHEIM	108370	48.218	9.91	5A
LECHFELD	108560	48.185	10.851	5A
LECK AP	100220	54.79	8.951	5A
LEINEFELDE	104490	51.393	10.312	5A
LEIPZIG HALLE	104690	51.435	12.24	5A
LEIPZIG HOLZHAUSEN	104710	51.315	12.446	5A
LINDENBERG	103930	52.209	14.118	5A
LUEDENSCHEID	104180	51.245	7.643	5A
LUEGDE-PAENBRUCH	104330	51.866	9.271	5A
MAGDEBURG	103610	52.103	11.583	5A
MARNITZ	102640	53.322	11.932	5A
MEININGEN	105480	50.561	10.377	6A
MEMMINGEN	109470	47.989	10.24	5A
MENDIG	105140	50.366	7.315	5A
MESSSTETTEN	108270	48.169	8.943	6A
MUNICH INTL	108660	48.348	11.813	5A
MUNICH STADT	108650	48.163	11.543	5A
MUNSTER OSNABRUCK	103150	52.134	7.697	4A
NEUBRANDENBURG	102810	53.6	13.304	5A
NEUBURG	108530	48.709	11.215	5A
NEUHAUSEN OB ECK	109210	47.983	8.9	6A
NEURUPPIN	102700	52.904	12.807	5A
NIEDERSTETTEN	107430	49.389	9.967	5A
NORVENICH	105020	50.829	6.66	4A
NUERBURG BARWEILER	105060	50.36	6.87	5A
NURNBERG	107630	49.503	11.055	5A
OLDENBURG	102150	53.183	8.167	5A
OSCHATZ	104800	51.296	13.093	5A
PADERBORN LIPPSTADT	104260	51.614	8.616	5A
PASSAU	108930	48.583	13.467	5A
PFERDSFELD	106260	49.85	7.6	5A
PLAUEN	105690	50.482	12.13	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
POTSDAM	103790	52.381	13.062	5A
PUTGARDEN KAP ARKONA	100910	54.679	13.434	5A
QUICKBORN	101460	53.733	9.877	5A
RAMSTEIN	106140	49.437	7.6	5A
REGENSBURG OBERHUB	107760	49.042	12.102	5A
RHEINE BENTLAGE	103060	52.289	7.387	5A
ROSTOCK LAAGE	101720	53.916	12.279	5A
ROTH	107650	49.216	11.104	5A
SAARBRUCKEN	107080	49.213	7.108	5A
SCHLESWIG JAGEL	100370	54.457	9.52	5A
SCHMUECKE	105520	50.654	10.769	6A
SCHORTENS JEVER	101220	53.534	7.889	5A
SCHWERIN	101620	53.642	11.387	5A
SEEHAUSEN ALTMARK	102610	52.891	11.73	5A
SONNEBERG NEUFANG	105580	50.383	11.183	6A
SPANGDAHLEM AB	106070	49.973	6.693	5A
ST PETER-ORDING	100280	54.328	8.603	5A
STRAUBING	107880	48.828	12.56	5A
STUTTGART ECHTERDINGEN	107380	48.688	9.224	5A
STUTTGART SCHNARREN	107390	48.833	9.2	5A
TETEROW	101770	53.767	12.617	5A
TRIER PETRISBERG	106090	49.748	6.658	5A
UECKERMUENDE	101930	53.744	14.07	5A
WAREN	102680	53.52	12.665	5A
WARNEMUENDE	101700	54.18	12.081	5A
WASSERKUPPE	105440	50.497	9.943	6A
WEEZE LAARBRUCH	100001	51.602	6.142	4A
WEIMAR	105550	50.983	11.317	5A
WERL	104240	51.576	7.888	5A
WERNIGERODE	104540	51.846	10.769	5A
WIESBADEN	106330	50.05	8.325	4A
WIESENBURG	103680	52.121	12.459	5A
WILDENRATH	104020	51.117	6.217	5A
WITTENBERG	104740	51.889	12.644	5A
WITTMUNDHAFEN	101260	53.55	7.667	5A
WUNSTORF	103340	52.461	9.431	5A
ZINNWALD GEORGENFE	105820	50.731	13.752	6A
ZUGSPITZE	109610	47.421	10.985	8
Ghana (GHA)				
ACCRA	654720	5.605	-0.167	0B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
Gibraltar (GIB)				
GIBRALTAR AP	84950	36.152	-5.349	3A
Greece (GRC)				
AKTIO	166430	38.925	20.765	3A
ALEXANDROUPOLI	166270	40.856	25.956	3A
ANDRAVIDA	166820	37.923	21.288	3A
ARAXOS	166870	38.149	21.422	3A
ATHINAI ELEFTHERIOS VENIZELOS	167161	37.936	23.944	3A
ATHINAI HELLINIKON	167160	37.89	23.742	3B
CHANIA SOUDA	167460	35.532	24.15	3A
CORFU KERKYRA	166410	39.602	19.912	3A
ELEFSIS	167180	38.064	23.556	3A
HERAKLION	167540	35.34	25.18	3A
KALAMATA	167260	37.068	22.026	3A
KARPATHOS	167650	35.428	27.147	2A
KASTORIA ARISTOTELIS	166140	40.446	21.282	4A
KAVALA MEGAS ALEXANDROS	166240	40.913	24.619	3A
KITHIRA	167430	36.274	23.017	3A
KOS	167420	36.793	27.092	3A
LAMIA	166750	38.877	22.436	3A
LARISSA	166480	39.65	22.466	3B
LIMNOS	166500	39.917	25.236	3A
METHONI	167340	36.825	21.704	3A
MILOS	167380	36.739	24.429	3A
MITILINI	166670	39.057	26.598	3A
NAXOS	167320	37.101	25.373	3B
NEA ANCHIALOS	166650	39.22	22.794	3A
RHODES DIAGORAS	167490	36.405	28.086	2A
SAMOS	167230	37.69	26.912	3A
SANTORINI	167443	36.399	25.479	3B
SKIROS	166840	38.963	24.491	3A
TANAGRA	166990	38.335	23.563	3A
THESSALONIKI MAKEDONIA	166220	40.52	22.971	3B
TRIPOLIS	167100	37.525	22.397	4A
Greenland (GRL)				
AASIAAT EGEDESMINDE	42200	68.708	-52.852	8
ANGISOQ	42850	59.991	-45.146	7
APUTITEEQ	43510	67.783	-32.285	8
DANEBORG AP	43300	74.308	-20.217	8
DANMARKSHAVN	43200	76.769	-18.668	8

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
HALL LAND	42070	81.683	-59.933	8
HENRIK KROEYER HOLME	43130	80.649	-13.712	8
IKERASASSUAQ PRINS CHRISTIAN	43900	60.055	-43.165	7
IKERMIIT	43730	64.782	-40.302	7
IKERMIUARSUK	43820	61.936	-42.068	7
ILULISSAT JAKOBSHAVN	42210	69.24	-51.066	8
ITTOQQORTOORMIIT SCORESBYSUND	43390	70.484	-21.951	8
KANGERLUSSUAQ	42310	67.017	-50.717	8
KAP MORRIS JESUP	43010	83.656	-33.374	8
KITSISSORSUIT EDDERFUGLEOEER	42080	74.033	-57.817	8
KITSISSUT ATTU	42280	67.784	-53.965	8
KITSISSUT CAREY OEER	42030	76.633	-73	8
KULUSUK	43610	65.575	-37.133	7
MANIITSOQ SUKKERTOPPEN	42410	65.411	-52.932	7
NARSARSUAQ	42700	61.158	-45.441	7
NERLERIT INAAT CONSTABLE PT	43410	70.75	-22.65	8
NUNARSUIT	42660	60.764	-48.454	7
NUUK GODTHAAB	42500	64.167	-51.744	7
NUUSSUAQ	42140	70.683	-54.617	8
PAAMIUT FREDERIKSHAAB	42600	62.015	-49.671	7
PITUFFIK THULE AB	42020	76.533	-68.75	8
QAANAAQ AP	42050	77.486	-69.376	8
QAARSUT UUMMANNAQ	42130	70.733	-52.7	8
QAQORTOQ JULIANEHAAB	42720	60.716	-46.043	7
SIORALIK	42420	65.013	-52.529	7
SISIMIUT HOLSTEINSBORG	42340	66.951	-53.72	8
STATION NORD	43120	81.6	-16.65	8
TASIILAQ AMMASSALIK	43600	65.611	-37.637	7
UKIIVIK	42530	62.578	-50.406	7
UPERNAVIK	42110	72.783	-56.133	8
Grenada (GRD)				
MAURICE BISHOP INTL	789580	12.004	-61.786	0A
Guadeloupe (GLP)				
POINTE-A-PITRE LE RAIZET	788970	16.264	-61.516	0A
Guam (GUM)				
ANDERSEN AFB	912180	13.583	144.917	0A
GUAM INTL	912120	13.483	144.8	0A
Guatemala (GTM)				
FLORES MUNDO MAYA INTL	786150	16.917	-89.883	1A
GUATEMALA LA AURORA	786410	14.583	-90.527	2A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
HUEHUETENANGO	786270	15.317	-91.467	3C
PUERTO BARRIOS	786370	15.731	-88.584	1A
SAN JOSE	786470	13.936	-90.836	0A
Guernsey (GGY)				
GUERNSEY	38940	49.433	-2.598	4A
Guyana (GUY)				
TIMEHRI	810020	6.5	-58.25	0A
Honduras (HND)				
LA CEIBA GOLOSON	787050	15.742	-86.853	1A
SAN PEDRO SULA MORALES	787080	15.453	-87.924	0A
SANTA ROSA DE COPAN	787170	14.783	-88.783	2A
SOTO CANO AB	787210	14.382	-87.621	1A
TEGUCIGALPA TONCONTIN	787200	14.061	-87.217	2A
Hong Kong (HKG)				
CHEUNG CHAU	450440	22.201	114.027	2A
HONG KONG INTL	450070	22.309	113.922	1A
HONG KONG OBSERVATORY	450050	22.302	114.174	2A
LAU FAU SHAN	450350	22.469	113.984	2A
SHA TIN	450390	22.402	114.21	2A
TA KWU LING	450320	22.529	114.156	2A
Hungary (HUN)				
AGARD	128460	47.183	18.617	4A
BAJA	129600	46.183	19.017	4A
BEKESCSABA	129920	46.683	21.163	4A
BUDAORS	128380	47.45	18.967	5A
BUDAPEST FERIHEGY	128390	47.437	19.256	5A
BUDAPEST PESTSZENTLORINC	128430	47.433	19.183	4A
DEBRECEN	128820	47.489	21.615	4A
EGER	128700	47.9	20.383	4A
GYOR	128220	47.628	17.805	4A
JOSVAFO	127660	48.485	20.54	5A
KAPOSVAR	129300	46.383	17.833	4A
KECSKEMET	129700	46.918	19.749	4A
KEKESTETO	128510	47.867	20.017	6A
KESZTHELY	129200	46.736	17.239	5A
MISKOLC	127720	48.097	20.771	5A
MOSONMAGYAROVAR	128150	47.883	17.283	4A
NAGYKANIZSA	129250	46.45	16.967	5A
NYIREGYHAZA	128920	47.984	21.692	5A
PAKS	129500	46.583	18.85	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
PAPA	128250	47.364	17.501	4A
PECS POGANY	129420	45.995	18.235	4A
POROSZLO	128660	47.65	20.633	4A
SARMELLEK	129220	46.683	17.167	4A
SIOFOK	129350	46.911	18.041	4A
SOPRON	128050	47.683	16.6	4A
SZECSENY	127560	48.117	19.517	5A
SZEGED	129820	46.256	20.091	4A
SZENTGOTTHARD FARKASFA	129100	46.917	16.317	5A
SZOLNOK	128600	47.123	20.236	4A
SZOMBATHELY AP VAS	128120	47.198	16.648	5A
TASZAR	129320	46.393	17.917	5A
TAT	128470	47.75	18.6	4A
TATA	128360	47.65	18.317	4A
VESZPREM SZENTKIRALYSZABADJA	128300	47.067	17.833	5A
ZAHONY	127860	48.4	22.167	5A
ZALAEGERSZEG ANDRASHIDA	129150	46.867	16.8	4A
Iceland (ISL)				
AKUREYRI 1	40630	65.686	-18.1	7
AKUREYRI 2	41370	65.696	-18.111	7
BERGSTADIR	40530	65.7	-19.617	7
BLONDUOS	41450	65.658	-20.293	7
BOLUNGAVIK	40050	66.161	-23.254	7
DALATANGI	40970	65.268	-13.576	7
DYNJANDIHEIDI	41150	65.7	-23.083	6A
EGILSSTADIR	40890	65.283	-14.402	7
GRIMSEY AP	41650	66.544	-18.017	7
GUFUSKALAR	41040	64.904	-23.935	6A
HORNAFJORDUR AP	40820	64.296	-15.227	6A
HORNBJARGSVITI	41230	66.411	-22.379	7
HVERAVELLIR	41560	64.867	-19.562	7
KARAHNJUKAR	41760	64.928	-15.777	7
KEFLAVIK INTL	40180	63.975	-22.588	6A
KIRKJUBAEJARKLAUSTUR	40640	63.793	-18.012	6A
RAUFARHOFN	40770	66.456	-15.953	7
REYKJAVIK	40300	64.127	-21.903	6A
STORHOFDI	40480	63.4	-20.288	6A
STYKKISHOLMUR	40130	65.074	-22.734	6A
VESTMANNAEYJABAER	41460	63.436	-20.276	6A
India (IND)				

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
AGARTALA	427240	23.887	91.24	1A
AHMEDABAD	426470	23.077	72.628	0B
AKOLA	429330	20.7	77.033	0B
AMRITSAR	420710	31.71	74.797	2B
ANANTAPUR	432370	14.583	77.633	0B
AURANGABAD	430140	19.863	75.398	1A
BALASORE	428950	21.517	86.933	0A
BANGALURU INTL AP	427056	13.2	77.7	1A
BANKURA	427060	23.383	87.083	0A
BAREILLY	421890	28.422	79.451	1A
BARMER	424350	25.75	71.383	0B
BELGAUM	431980	15.859	74.618	1A
BENGALURU	432950	12.967	77.583	1A
BHAGALPUR	424980	25.233	86.95	1A
BHOPAL	426670	23.287	77.337	1A
BHUBANESHWAR	429710	20.244	85.818	0A
BHUJ	426340	23.288	69.67	0B
BIKANER	421650	28.021	73.277	0B
BIRSA MUNDA	427010	23.314	85.322	1A
CHENNAI INTL	432790	12.994	80.181	0A
CHITRADURGA	432330	14.233	76.433	1B
COIMBATORE INTL	433210	11.031	77.044	0B
CUDDALORE	433290	11.767	79.767	0A
DALTONGANJ	425870	24.05	84.067	0A
DEHRADUN	421110	30.317	78.033	2A
DIBRUGARH	423140	27.484	95.017	1A
GADAG	432010	15.418	75.644	1B
GAYA	425910	24.744	84.951	1A
GOA PANAJI	431920	15.492	73.825	0A
GORAKHPUR	423790	26.74	83.45	1A
GUNA	425590	24.65	77.317	1A
GUWAHATI INTL	424100	26.106	91.586	1A
GWALIOR	423610	26.211	78.202	1B
HISSAR	421310	29.174	75.739	1B
HONNAVAR	432260	14.283	74.45	0A
HYDERABAD BEGUMPET	431280	17.452	78.461	0A
HYDERABAD INTL	431285	17.233	78.417	1A
IMPHAL	426230	24.76	93.897	2A
INDORE INTL	427540	22.722	75.801	1A
JABALPUR	426750	23.178	80.052	1A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
JAGDALPUR	430410	19.083	82.033	1A
JAIPUR	423480	26.821	75.817	1B
JAISALMER	423280	26.9	70.917	0B
JAMSHEDPUR	427980	22.813	86.169	0A
JHARSUGUDA	428860	21.914	84.05	0A
JODHPUR	423390	26.257	73.041	0B
KAKINADA	431890	16.95	82.233	0A
KALINGAPATNAM	431050	18.333	84.133	0A
KARAIKAL	433460	10.917	79.833	0A
KOCHI	433530	9.946	76.272	0A
KOLKATA BOSE INTL	428090	22.655	88.447	0A
KOTA	424520	25.16	75.846	0B
KOZHIKODE	433140	11.25	75.783	0A
KURNOOL	432130	15.806	78.04	0B
LAL BAHADUR SHASTRI INTL	424790	25.45	82.867	1A
LILABARI	423090	27.295	94.098	1A
LUCKNOW	423690	26.761	80.889	1A
MACHILIPATNAM	431850	16.183	81.153	0A
MANGALORE INTL	432840	12.961	74.89	0A
MINICOY	433690	8.281	73.054	0A
MO AMINI	433110	11.118	72.717	0A
MUMBAI SHIVAJI INTL	430030	19.089	72.868	0A
NAGAPATTINAM	433470	10.767	79.85	0A
NAGPUR AMBEDKAR INTL	428670	21.092	79.047	0A
NASIK	429210	19.967	73.817	1B
NELLORE	432450	14.45	79.983	0A
NEW DELHI INDIRA GANDHI INTL	421810	28.567	77.103	1B
NEW DELHI SAFDARJUNG	421820	28.589	77.222	1B
ONGOLE	432210	15.5	80.083	0A
PAMBAN	433630	9.283	79.217	0A
PATIALA	421010	30.358	76.45	1B
PATNA	424920	25.591	85.088	1A
PENDRA ROAD	427790	22.767	81.9	1A
PORT BLAIR	433330	11.667	92.717	0A
PUNE	430630	18.533	73.85	1B
RAIPUR	428740	21.233	81.65	0A
RAJKOT	427370	22.309	70.78	0B
RAMAGUNDAM	430860	18.767	79.433	0A
RATNAGIRI	431100	16.983	73.333	0A
SATNA	425710	24.567	80.833	1A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SOLAPUR	431170	17.628	75.935	0B
SRI GANGANAGAR	421230	29.917	73.883	1B
SRINAGAR	420270	34.051	74.805	4A
SURAT	428400	21.2	72.833	0A
SWAMI VIVEKANANDA	428750	21.183	81.733	0A
TEZPUR	424150	26.617	92.783	1A
THIRUVANANTHAPURAM	433710	8.508	76.958	0A
TIRUCHIRAPPALLI	433440	10.765	78.71	0A
TRIVANDRUM INTL	433720	8.482	76.92	0A
UDAIPUR	425420	24.618	73.896	1B
VERAVAL	429090	20.9	70.367	0B
VIJAYAWADA INTL	431810	16.53	80.797	0A
VISHAKHAPATNAM CWC	431500	17.722	83.329	0A
Indonesia (IDN)				
ALOR MALI KALABAHI	973200	-8.137	124.593	0A
AMAHAI	977220	-3.346	128.928	0A
AMBON PATTIMURA	977240	-3.711	128.085	0A
BALIKPAPAN SEPINGGAN	966330	-1.262	116.895	0A
BANDA ACEH BLANG BINTANG	960110	5.522	95.417	0A
BANJARMASIN SYAMSUDIN NOOR	966850	-3.439	114.752	0A
BANYUWANGI	969870	-8.214	114.356	0A
BATAM HANG NADIM	960870	1.119	104.114	0A
BAU-BAU BETO AMBIRI	971920	-5.488	122.571	0A
BENGKULU PADANG KEMILING	962530	-3.858	102.336	0A
BIAK FRANS KAISIEPO	975600	-1.19	136.104	0A
BIMA SALAHUDDIN	972700	-8.543	118.693	0A
BITUNG	970160	1.443	125.18	0A
BOGOR CITEKO	967510	-6.698	106.935	2A
CILACAP	968050	-7.719	109.015	0A
CIREBON JATIWANGI	967910	-6.734	108.263	0A
CURUG BUDIARTO	967390	-6.287	106.563	0A
DENPASAR NGURAH RAI	972300	-8.749	115.177	0A
FAK-FAK TOREA	976300	-2.919	132.265	1A
GALELA GAMAR MALAMU	974060	1.838	127.788	0A
GESER	977480	-3.887	130.895	0A
GORONTALO JALALUDDIN	970480	0.638	122.852	0A
GUNUNG SITOLI BINAKA	960750	1.165	97.704	0A
JAKARTA OBSERVATORY	967450	-6.156	106.842	0A
JAKARTA SOEKARNO-HATTA	967490	-6.125	106.659	0A
JAKARTA TANJUNG PRIOK	967410	-6.108	106.88	0A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
JAMBI SULTAN TAHA	961950	-1.638	103.644	0A
JAYAPURA SENTANI	976900	-2.576	140.518	0A
JUANDA SURABAYA	969350	-7.375	112.782	0A
KAIMANA UTAROM	977600	-3.644	133.697	0A
KALIANGET MADURA ISLAND	969730	-7.041	113.916	0A
KALIMARAU	965290	2.144	117.433	0A
KERINCI DEPATI PARBO	962070	-2.091	101.462	2A
KETAPANG RAHADI USMAN	966150	-1.817	109.962	0A
KOKONAO TIMUKA	977960	-4.53	136.893	0A
KUALANAMU MEDAN	960350	3.64	98.879	0A
KUPANG EL TARI	973720	-10.168	123.67	0A
LABUHA OESMAN SADIK	974600	-0.638	127.501	0A
LUWUK BUBUNG	970860	-1.041	122.771	0A
MAJENE	971200	-3.55	118.98	0A
MALIKUS SALEH	960090	5.229	96.948	0A
MASAMBA ANDI JEMMA	971260	-2.555	120.324	0A
MAUMERE WAI OTI	973000	-8.636	122.238	0A
MEDAN BELAWAN	960330	3.788	98.715	0A
MENADO SAM RATULANGI	970140	1.546	124.923	0A
MERAUKE MOPAH	979800	-8.518	140.414	0A
MEULABOH CUT NYAK DHIEN	960150	4.049	96.248	0A
MIA PADANG	961630	-0.794	100.289	0A
NAHA TAHUNA	970080	3.686	125.528	0A
NAMLEA BURU	977000	-3.239	127.1	0A
PALANGKA RAYA TJILIK RIWUT	966550	-2.228	113.946	0A
PALEMBANG BADARUDIN II	962210	-2.902	104.699	0A
PALU MUTIARA	970720	-0.916	119.905	0A
PANGKAL PINANG	962370	-2.163	106.137	0A
PANGKALAN BUN ISKANDAR	966450	-2.704	111.67	0A
PEKAN BARU SIMPANGTIGA	961090	0.461	101.445	0A
PONTIANAK SUPADIO	965810	-0.142	109.403	0A
POSO KASIGUNCU	970960	-1.42	120.657	0A
PRAYA LOMBOK	972400	-8.766	116.279	0A
RENGAT JAPURA	961710	-0.349	102.334	0A
SABANG	960010	5.874	95.34	0A
SAMARINDA TEMINDUNG	966070	-0.483	117.156	0A
SANGKAPURA BAWEAN ISLAND	969250	-5.851	112.658	0A
SAUMLAKI OLILIT	979000	-7.982	131.298	0A
SEMARANG AHMAD YANI	968390	-6.977	110.378	0A
SEMARANG MARITIME	968370	-6.951	110.418	0A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SERANG	967370	-6.112	106.132	0A
SIBOLGA PINANGSORI	960730	1.556	98.889	0A
SINGKEP DABO	961790	-0.479	104.578	0A
SORONG DEO	975020	-0.891	131.286	0A
SUMBAWA BESAR BRANGBIJI	972600	-8.488	117.413	0A
SUSILO	965590	0.066	111.477	0A
TANJUNG KARANG RADIN INTEN II	962950	-5.24	105.174	0A
TANJUNG PANDAN BULUH TUMBANG	962490	-2.752	107.753	0A
TANJUNG PINANG KIJANG	960910	0.923	104.532	0A
TARAKAN	965090	3.327	117.57	0A
TAREMPA	961450	3.215	106.22	0A
TEGAL	967970	-6.868	109.121	0A
TERNATE BABULLAH	974300	0.829	127.381	0A
TOLI-TOLI LALOS	970280	1.121	120.794	0A
TUAL DUMATUBUN	978100	-5.664	132.736	0A
UJANG PANDANG PAOTERE	971820	-5.11	119.42	0A
UJUNG PANDANG HASANUDDIN	971800	-5.071	119.552	0A
WAINGAPU MAU HAU	973400	-9.67	120.3	0A
Iran, Islamic Republic of (IRN)				
ABADAN	408310	30.377	48.214	0B
ABADEH	408180	31.198	52.616	4B
AGHAJARI	408330	30.743	49.687	0B
AHAR	407040	38.433	47.067	4B
AHWAZ	408110	31.344	48.744	0B
ALIGUDARZ	407830	33.408	49.703	4A
ANZALI	407180	37.48	49.458	3A
ARAK	407690	34.072	49.784	4B
ARDABIL	407080	38.219	48.329	5C
BABOLSAR	407360	36.699	52.642	3A
BAFT	408530	29.233	56.583	3B
BAM	408540	29.08	58.352	1B
BANDAR ABBASS INTL	408750	27.215	56.373	0B
BANDAR BUSHEHR	408570	28.904	50.821	1B
BANDAR BUSHEHR AP	408580	28.962	50.819	1B
BANDAR LENGEH INTL	408830	26.528	54.829	0B
BANDAR MAHSHAHR	407801	30.556	49.152	1B
BANDAR UDARA FASA	408590	28.899	53.719	2B
BARZARGAN	407010	39.38	44.392	5B
BIRJAND	408090	32.891	59.284	3B
BOJNORD	407230	37.493	57.308	4B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CHABAHAR	408980	25.281	60.651	0B
DAYYER	408720	27.833	51.933	0B
FERDOWS	407920	34.031	58.183	3B
GACHSARAN	408350	30.347	50.82	2A
GORGAN	407380	36.905	54.413	3B
HAMEDAN	407680	34.869	48.534	4A
ILAM	407800	33.588	46.397	3A
IRAN SHAHR	408790	27.23	60.718	0B
ISFAHAN SHAHID BEHESHTI INTL	408000	32.751	51.862	4B
JASK	408930	25.637	57.77	0B
KAHNUJ	408770	27.994	57.713	0B
KASHAN	407850	33.967	51.48	2B
KASHMAR	407630	35.27	58.473	2B
KERMAN	408410	30.25	56.966	3B
KERMANSHAH	407660	34.352	47.153	4A
KHOR	407890	33.77	55.081	2B
KHORRAMABAD	407820	33.433	48.283	3A
KHOY	407030	38.558	44.996	4B
KISH INTL	408820	26.532	53.96	0B
LAR	407823	27.674	54.383	1B
MAHABAD	407260	36.753	45.715	4A
MARAGHEH	407130	37.348	46.146	4B
MARAVEH TAPPEH	407210	37.801	55.943	3B
MASHHAD INTL	407450	36.237	59.632	3B
MEHRABAD INTL	407540	35.689	51.313	3B
MIANEH	407160	37.45	47.7	4B
NEHBANDAN	408270	31.542	60.038	2B
NOSHAHR	407340	36.661	51.466	3A
PARSABAD MOGHAN	407000	39.606	47.882	3B
QAEMSHAHR	407370	36.45	52.817	3A
QAZVIN	407310	36.24	50.047	4B
QESHM INTL	407808	26.751	55.898	0B
QUCHAN	407400	37.117	58.468	4B
RAMSAR	407320	36.905	50.684	3A
RASHT	407190	37.325	49.606	3A
SABZEVAR	407430	36.217	57.667	2B
SAFIABAD	407940	32.267	48.417	1B
SANANDAJ	407470	35.247	47.009	4A
SAQQEZ	407270	36.25	46.267	4A
SARAB	407100	37.933	47.533	5B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SARAKHS	407410	36.537	61.149	2B
SARAVAN	408780	27.39	62.318	2B
SEMNAN	407570	35.588	53.422	2B
SHAHID ASIYAEE	408120	32.002	49.271	1B
SHAHRE KORD	407980	32.293	50.84	4A
SHAHRUD	407390	36.38	54.929	4B
SHIRAZ SHAHID DASTGHAIB INTL	408480	29.539	52.589	3B
SIRJAN	408510	29.471	55.661	3B
TABAS	407910	33.603	56.951	2B
TABRIZ INTL	407060	38.134	46.235	4B
TEHRAN KHOMEINI INTL	407300	35.416	51.152	3B
TORBAT-HEYDARIEH	407620	35.331	59.206	4B
URMIA INTL	407120	37.658	45.056	4B
YASOGE	408360	30.698	51.554	3A
YAZD SADOOGHI INTL	408210	31.904	54.289	2B
ZABOL	408290	31.089	61.543	1B
ZAHEDAN INTL	408560	29.472	60.901	2B
ZANJAN	407290	36.66	48.522	4B
Iraq (IRQ)				
BAGHDAD INTL	406500	33.267	44.233	1B
BASRAH INTL	406890	30.549	47.662	1B
ERBIL INTL	406356	36.233	43.967	2B
KIRKUK	406210	35.469	44.349	2B
MOSUL	406080	36.306	43.147	2B
SULAYMANIYAH	406230	35.55	45.45	3A
Ireland (IRL)				
BELMULLET	39760	54.227	-10.007	4A
BIRR	39650	53.083	-7.883	5A
CASEMENT	39670	53.3	-6.433	5A
CELTIC SEA BUOY 62023	996640	51.4	-7.92	4A
CLAREMORRIS	39700	53.717	-8.983	5A
CLONES	39740	54.183	-7.233	5A
CORK	39550	51.85	-8.483	5A
DUBLIN AP	39690	53.433	-6.25	5A
FINNER	39780	54.494	-8.243	5A
GURTEEN	39660	53.017	-8	5A
IRELAND WEST AP KNOCK	39730	53.91	-8.818	5A
JOHNSTOWN CASTLE	39560	52.298	-6.497	4A
KILKENNY	39600	52.666	-7.266	4A
MACE HEAD	39630	53.327	-9.904	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
MALIN HEAD	39800	55.367	-7.333	5A
MULLINGAR	39710	53.533	-7.367	5A
ROCHES POINT	39520	51.8	-8.25	4A
ROSSLARE	39570	52.25	-6.333	4A
SHANNON	39620	52.7	-8.917	4A
SHERKIN ISLAND	39510	51.477	-9.429	4A
VALENTIA OBSERVATORY	39530	51.938	-10.241	4A
Isle of Man (IMN)				
ISLE OF MAN	32040	54.085	-4.632	4A
POINT OF AYRE LH	32080	54.417	-4.367	4A
Israel (ISR)				
BEER SHEVA	401900	31.252	34.8	2B
BEER SHEVA TEYMAN	401910	31.287	34.723	2B
BET DAGAN	401790	32.007	34.814	2A
ELAT	401990	29.553	34.952	1B
HAIFA REFINERIES	401550	32.803	35.055	2A
JERUSALEM CENTER	401830	31.781	35.222	3A
OVDA	401980	29.94	34.936	2B
TEL AVIV BEN GURION	401800	32.011	34.887	2A
TEL AVIV SDE DOV	401762	32.114	34.782	2A
ZEFAT HAR KENAAN	401530	32.98	35.507	3A
Italy (ITA)				
ALGHERO	165200	40.632	8.291	3A
AMENDOLA	162610	41.541	15.718	3B
AOSTA POLLEIN	160540	45.735	7.351	4A
AREZZO	161720	43.46	11.846	4A
AVIANO	160370	46.03	12.599	4A
BARI PALESE	162700	41.138	16.765	3A
BERGAMO ORIO AL SERIO	160760	45.669	9.7	4A
BOLOGNA	161400	44.528	11.289	4A
BOLZANO	160200	46.46	11.326	4A
BRESCIA GHEDI	160880	45.432	10.268	4A
BRESCIA MONTICHIARI	162593	45.429	10.331	4A
BRINDISI	163200	40.658	17.952	3A
CAGLIARI ELMAS	165600	39.244	9.06	3A
CAMPOBASSO	162520	41.563	14.655	4A
CAPO BELLAVISTA	165500	39.93	9.713	3A
CAPO CACCIA	165220	40.561	8.163	3A
CAPO CARBONARA	165640	39.104	9.514	3A
CAPO FRASCA	165390	39.74	8.46	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CAPO MELE	161530	43.957	8.17	3A
CAPO PALINURO	163100	40.025	15.281	3A
CAPRI	162940	40.559	14.201	3A
CARLOFORTE	165490	39.137	8.312	3A
CATANIA FONTANAROSSA	164600	37.467	15.066	3A
CATANIA SIGONELLA	164590	37.406	14.919	3A
CERVIA	161480	44.224	12.307	4A
COZZO SPADARO	164800	36.686	15.131	3B
CROTONE	163500	38.997	17.08	3A
DECIMOMANNU	165460	39.346	8.97	3A
DOBBIACO	160330	46.733	12.217	6A
ENNA	164500	37.568	14.28	3A
FALCONARA	161910	43.616	13.362	3A
FIRENZE PERETOLA	161700	43.81	11.205	3A
FORLI	161470	44.195	12.07	4A
FRONTONE	161790	43.517	12.728	4A
FUCINO	162270	41.978	13.605	4C
GELA	164530	37.076	14.225	3A
GENOVA SESTRI	161200	44.412	8.842	3A
GIOIA DEL COLLE	163120	40.766	16.935	3A
GRAZZANISE	162530	41.061	14.082	3A
GROSSETO	162060	42.76	11.072	3A
IMPERIA	161500	43.884	8.029	3A
ISTRANA	160980	45.685	12.083	4A
LAMEZIA TERME	163620	38.905	16.242	3A
LAMPEDUSA	164900	35.498	12.618	2B
LATINA	162430	41.546	12.91	3A
LECCE	163320	40.238	18.139	3A
MARINA DI GINOSA	163250	40.424	16.887	3B
MESSINA	164200	38.2	15.553	3A
MILANO LINATE	160800	45.445	9.277	4A
MILANO MALPENSA	160660	45.631	8.728	4A
MONTE ARGENTARIO	161680	42.387	11.17	3A
MONTE CIMONE	161340	44.194	10.7	7
MONTE SANT'ANGELO	162580	41.708	15.948	4A
MONTE SCURO	163440	39.331	16.396	5C
MONTE TERMINILLO	162190	42.46	12.985	6A
NAPOLI CAPODICHINO	162890	40.884	14.291	3A
NOVARA CAMERI	160640	45.53	8.667	4A
NOVI LIGURE	161180	44.767	8.783	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
OLBIA COSTA SMERALDA	165310	40.899	9.518	3A
PAGANELLA	160220	46.142	11.037	7
PALERMO PUNTA RAISI	164050	38.182	13.099	3A
PANTELLERIA	164700	36.814	11.971	3A
PARMA	161300	44.817	10.297	4A
PASSO RESIA	160083	46.833	10.5	6A
PASSO ROLLE	160210	46.297	11.787	7
PERUGIA	161810	43.093	12.505	4A
PESCARA	162300	42.432	14.181	3A
PIACENZA SAN DAMIANO	160840	44.913	9.723	4A
PIAN ROSA	160520	45.935	7.706	8
PISA GALILEO GALILEI	161580	43.682	10.396	3A
PONZA	162800	40.912	12.957	3A
PRATICA DI MARE	162450	41.659	12.445	3A
REGGIO CALABRIA	164220	38.071	15.652	3A
RIMINI	161490	44.024	12.613	4A
ROMA CIAMPINO	162390	41.808	12.585	3A
ROMA FIUMICINO	162420	41.8	12.239	3A
ROMA URBE	162350	41.952	12.501	3A
RONCHI DEI LEGIONARI	161080	45.828	13.472	4A
SAN VALENTINO ALLA MUTA	160080	46.762	10.534	6A
SANTA MARIA DI LEUCA	163600	39.811	18.342	3A
TERMOLI	162320	42.004	14.996	3B
TORINO BRIC DELLA CROCE	160610	45.034	7.733	4A
TORINO CASELLE	160590	45.201	7.65	4A
TRAPANI BIRGI	164290	37.911	12.488	3A
TREVICO	162630	41.047	15.233	5A
TREVISO SANT'ANGELO	160990	45.648	12.194	4A
TRIESTE	161100	45.677	13.755	3A
UDINE RIVOLTO	160450	45.979	13.049	4A
USTICA	164000	38.707	13.178	3A
VENEZIA TESSERA MARCO POLO	161050	45.505	12.352	4A
VERONA VILLAFRANCA	160900	45.396	10.889	4A
VIGNA DI VALLE	162240	42.08	12.211	3A
Jamaica (JAM)				
KINGSTON MANLEY	783970	17.936	-76.788	0A
MONTEGO BAY SANGSTER	783880	18.504	-77.913	0A
Japan (JPN)				
ABASHIRI	474090	44.018	144.28	6A
ABURATSU	478350	31.579	131.408	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
AIKAWA	476020	38.029	138.24	4A
AJIRO	476680	35.046	139.092	3A
AKITA	475820	39.717	140.099	4A
AKUNE	478230	32.028	130.2	3A
AOMORI	475750	40.822	140.769	5A
ASAHIKAWA	474070	43.757	142.372	6A
ASHIYA AB	478030	33.883	130.653	3A
ASOSAN	478210	32.88	131.073	5A
ATSUGI AB	476790	35.455	139.45	3A
CHIBA	476820	35.602	140.104	3A
CHICHIBU	476410	35.99	139.074	4A
CHICHIJIMA	479710	27.092	142.191	2A
CHITOSE AP	474340	42.794	141.666	6A
CHOSHI	476480	35.74	140.857	3A
CHUBU CENTRAIR INTL	476345	34.858	136.805	3A
ESASHI	474280	41.867	140.124	5A
FUJISAN	476390	35.361	138.727	8
FUKAURA	475740	40.646	139.933	4A
FUKUE	478430	32.695	128.827	3A
FUKUI	476160	36.055	136.223	4A
FUKUOKA	478070	33.582	130.376	3A
FUKUOKA AP	478080	33.584	130.452	3A
FUKUSHIMA	475950	37.758	140.471	4A
FUKUYAMA	477670	34.447	133.248	3A
FUSHIKI	476060	36.792	137.056	4A
FUTENMA MCAS	479330	26.274	127.756	2A
GIFU	476320	35.4	136.763	3A
GIFU AB	476340	35.394	136.869	3A
HABORO	474040	44.363	141.701	6A
HACHIJOJIMA	476780	33.122	139.779	3A
HACHINOHE	475810	40.528	141.522	5A
HACHINOHE AP	475150	40.552	141.467	5A
HAGI	477540	34.41	131.406	3A
HAKODATE	474300	41.817	140.754	5A
HAMADA	477550	34.897	132.071	3A
HAMAMATSU	476540	34.754	137.712	3A
HAMAMATSU AB	476810	34.75	137.703	3A
HANEDA AP	476710	35.553	139.781	3A
HIKONE	477610	35.276	136.244	3A
HIMEJI	477690	34.839	134.671	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HIRADO	478050	33.361	129.551	3A
HIROO	474400	42.294	143.317	6A
HIROSHIMA	477650	34.398	132.463	3A
HITA	478140	33.322	130.929	3A
HITOYOSHI	478240	32.218	130.755	3A
HOFU AB	477880	34.034	131.546	3A
HYAKURI AB	477150	36.182	140.415	4A
IIDA	476370	35.523	137.822	4A
IIZUKA	478090	33.653	130.694	3A
IRAKO	476530	34.63	137.094	3A
IRIOMOTEJIMA	479170	24.428	123.766	1A
IROZAKI	476660	34.604	138.843	3A
IRUMA AB	476430	35.842	139.411	3A
ISHIGAKIJIMA	479180	24.337	124.164	1A
ISHINOMAKI	475920	38.428	141.299	4A
IWAKUNI MCAS	477640	34.145	132.247	3A
IWAMIZAWA	474130	43.212	141.786	5A
IWOTO	479810	24.784	141.322	1A
IZUHARA	478000	34.198	129.292	3A
KADENA AB	479310	26.356	127.768	2A
KAGOSHIMA	478270	31.555	130.548	3A
KANAZAWA	476050	36.59	136.635	3A
KANOYA AB	478500	31.368	130.838	3A
KANSAI INTL	477740	34.434	135.233	3A
KARUIZAWA	476220	36.342	138.547	5A
KATSUURA	476740	35.151	140.312	3A
KAWAGUCHIKO	476400	35.501	138.761	4A
KITAKYUSHU AP	478530	33.846	131.035	3A
KITAMIESASHI	474020	44.94	142.585	6A
KOBE	477700	34.697	135.213	3A
KOCHI	478930	33.568	133.549	3A
KOFU	476380	35.667	138.554	3A
KOMATSU AB	477040	36.394	136.407	4A
KOMATSUJIMA AB	478840	34.005	134.626	3A
KUMAGAYA	476260	36.15	139.381	3A
KUMAMOTO	478190	32.814	130.707	3A
KUMEJIMA	479290	26.338	126.804	2A
KURE	477660	34.241	132.55	3A
KUSHIRO KENEBETSU	474180	42.986	144.377	6A
KUTCHAN	474330	42.901	140.758	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KYOTO	477590	35.015	135.733	3A
KYUSHU SAGA INTL	478100	33.15	130.302	3A
MAEBASHI	476240	36.405	139.061	3A
MAIZURU	477500	35.45	135.318	3A
MAKURAZAKI	478310	31.272	130.293	3A
MATSUE	477410	35.457	133.066	3A
MATSUMOTO	476180	36.247	137.971	4A
MATSUSHIMA AB	475910	38.403	141.212	4A
MATSUYAMA	478870	33.843	132.777	3A
MIHO AB	477430	35.493	133.239	3A
MINAMIDAITOJIMA	479450	25.829	131.229	2A
MINAMITORISHIMA	479910	24.29	153.979	1A
MISAWA AB	475800	40.705	141.372	5A
MISHIMA	476570	35.114	138.925	3A
MITO	476290	36.381	140.468	4A
MIYAKEJIMA	476770	34.124	139.521	3A
MIYAKO	475850	39.647	141.966	4A
MIYAKO AP	479270	24.783	125.295	1A
MIYAKONOJO	478290	31.73	131.082	3A
MIYAZAKI	478300	31.938	131.414	3A
MOMBETSU	474350	44.345	143.356	6A
MOORED BUOY 21002	992260	37.7	134.3	4A
MOORED BUOY 21004	992280	29	135	2A
MOORED BUOY 22001	992300	28.3	126	2A
MORIOKA	475840	39.699	141.166	5A
MURORAN YAKUMO	474230	42.312	140.975	5A
MUROTOMISAKI	478990	33.252	134.177	3A
MUTSU	475760	41.283	141.211	5A
NAGANO	476100	36.663	138.192	4A
NAGASAKI	478170	32.734	129.868	3A
NAGO	479400	26.594	127.966	2A
NAGOYA	476360	35.168	136.966	3A
NAGOYA AP	476350	35.255	136.924	3A
NAHA	479360	26.207	127.687	2A
NAHA AP	479300	26.196	127.646	1A
NARA	477800	34.674	135.838	3A
NARITA INTL	476860	35.765	140.386	3A
NAZE	479090	28.38	129.496	2A
NEMURO	474200	43.331	145.586	6A
NEW CHITOSE AP	474250	42.775	141.692	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NIIGATA	476040	37.894	139.019	4A
NIKKO	476900	36.74	139.5	6A
NOBEOKA	478220	32.582	131.658	3A
NYUTABARU AB	478540	32.084	131.451	3A
OBIHIRO	474170	42.922	143.212	6A
OFUNATO	475120	39.065	141.715	4A
OITA	478150	33.236	131.62	3A
OKAYAMA	477680	34.686	133.925	3A
OKINOERABU AP	479420	27.432	128.706	2A
OMAEZAKI	476550	34.605	138.213	3A
OMINATO AB	475160	41.233	141.132	5A
OMU	474050	44.581	142.964	6A
ONAHAMA	475980	36.947	140.903	4A
OSAKA	477720	34.682	135.519	3A
OSAKA INTL	477710	34.784	135.439	3A
OSHIMA	476750	34.749	139.363	3A
OTARU	474110	43.182	141.017	5A
OWASE	476630	34.07	136.193	3A
OZUKI AB	477870	34.047	131.052	3A
RUMOI	474060	43.946	141.632	5A
SAGA	478130	33.266	130.305	3A
SAIGO	477400	36.204	133.334	4A
SAKAI	477420	35.545	133.235	3A
SAKATA	475870	38.909	139.844	4A
SAPPORO	474120	43.06	141.329	5A
SASEBO	478120	33.16	129.727	3A
SENDAI	475900	38.262	140.897	4A
SHIMIZU	478980	32.723	133.01	3A
SHIMOFUSA AB	477270	35.799	140.012	3A
SHIMONOSEKI	477620	33.949	130.926	3A
SHINJO	475200	38.757	140.312	5A
SHIONOMISAKI	477780	33.45	135.757	3A
SHIRAKAWA	475970	37.132	140.215	4A
SHIZUHAMA AB	476580	34.813	138.298	3A
SHIZUOKA	476560	34.976	138.404	3A
SUKUMO	478970	32.921	132.695	3A
SUMOTO	477760	34.31	134.849	3A
SUTTSU	474210	42.796	140.224	5A
SUWA	476200	36.046	138.11	4A
TADOTSU	478900	34.276	133.752	3A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
TAKADA	476120	37.107	138.247	4A
TAKAMATSU	478910	34.318	134.054	3A
TAKAYAMA	476170	36.156	137.253	4A
TANEGASHIMA	478370	30.72	130.983	2A
TATEYAMA	476720	34.987	139.865	3A
TATEYAMA AB	476880	34.987	139.832	3A
TOKUSHIMA	478950	34.068	134.573	3A
TOKUSHIMA AB	478810	34.133	134.607	3A
TOKYO	476620	35.692	139.751	3A
TOMAKOMAI	474240	42.623	141.547	5A
TOTTORI	477460	35.488	134.238	3A
TOYAMA	476070	36.709	137.203	4A
TOYOOKA	477470	35.536	134.822	4A
TSU	476510	34.734	136.52	3A
TSUIKI AB	478400	33.685	131.04	3A
TSURUGA	476310	35.653	136.062	3A
TSUYAMA	477560	35.065	134.009	4A
UENO	476490	34.762	136.142	4A
UNZENDAKE	478180	32.738	130.262	4A
URAKAWA	474260	42.163	142.777	5A
USHIBUKA	478380	32.198	130.027	3A
UTSUNOMIYA	476150	36.55	139.868	4A
UWAJIMA	478920	33.228	132.553	3A
WAJIMA	476000	37.391	136.895	4A
WAKAMATSU	475700	37.488	139.91	4A
WAKAYAMA	477770	34.229	135.164	3A
WAKKANAI	474010	45.415	141.679	6A
YAKUSHIMA AP	478360	30.386	130.659	2A
YAMAGATA	475880	38.256	140.346	4A
YAMAGUCHI	477840	34.163	131.462	3A
YOKKAICHI	476840	34.94	136.58	3A
YOKOHAMA	476700	35.44	139.653	3A
YOKOSUKA	476960	35.283	139.667	3A
YOKOTA AB	476420	35.749	139.349	3A
YONAGO	477440	35.435	133.339	3A
YONAGUNIJIMA	479120	24.467	123.011	1A
Jersey (JEY)				
JERSEY	38950	49.21	-2.194	4A
Jordan (JOR)				
AMMAN	402700	31.973	35.992	3B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
AQABA KING HUSSEIN INTL	403400	29.612	35.018	1B
GAWR AL-SAFI	402960	31.033	35.467	1B
IRBID	402550	32.55	35.85	3A
KING HUSSEIN AB	402650	32.356	36.259	3B
MA'AN	403100	30.167	35.783	3B
PRINCE HASAN AB	402600	32.161	37.149	2B
QUEEN ALIA INTL	402720	31.723	35.993	3B
RUWAISHED H4 AB	402500	32.539	38.195	2B
Kazakhstan (KAZ)				
ACHISAY	381960	43.55	68.9	5A
AK-KUDUK	382320	42.971	54.094	4B
AKKOL	350850	52	70.95	7
AKTOBE	352290	50.258	57.224	7
ALGAZY OSTROV	366860	46.543	76.862	6B
ALMATY	368700	43.239	76.933	5A
ALMATY INTL	368720	43.352	77.041	5A
AMANGELDI	353610	50.133	65.233	7
ARALSK	357460	46.78	61.66	6B
ATBASAR	350780	51.842	68.364	7
ATYRAU	357000	47.116	51.884	5B
ATYRAU INTL	381411	47.122	51.821	5B
BAKANAS	368210	44.812	76.254	5B
BALKASHINO	289780	52.528	68.743	7
BALKHASH	357960	46.833	74.967	6B
BARSHATAS	364980	48.162	78.675	7
BARSHINO	353570	49.683	69.517	7
BEKTAU-ATA	356990	47.45	74.817	6B
BERLIK	353760	49.883	69.517	7
BLAGOVESHENKA	287660	54.359	66.98	7
BOLSHENARYMSKOE	364280	49.2	84.517	7
CIRIK-RABAT	380490	44.067	62.9	5B
DZHUSALY	359530	45.51	64.09	5B
ERTIS	298070	53.337	75.462	7
ESIL'	350680	51.973	66.418	7
FORT SHEVCHENKO	380010	44.548	50.242	4B
GANYUSHKINO	347980	46.605	49.238	5B
KARAGANDY	353940	49.671	73.334	7
KARSAKBAY	356620	47.833	66.717	7
KAZALY	358490	45.756	62.107	5B
KOKPEKTY	365350	48.75	82.367	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KOKSHETAU	288790	53.317	69.377	7
KOSTANAY	289520	53.237	63.741	7
KOZASAJ	355290	48.217	57.117	6A
KULSARY	357150	46.967	54.017	6B
KYZYLORDA	380620	44.825	65.527	5B
KYZYLZHAR	355760	48.3	69.65	7
LOGOVOY	383430	42.95	72.75	5A
MIKHAYLOVKA	298020	53.839	76.541	7
MOYYNTY	357930	47.217	73.35	7
MUGODZHARSKOYE	355320	48.587	58.467	6B
NOVYY USHTAGAN	346910	47.906	48.791	5B
NUR-SULTAN	351880	51.17	71.394	7
OTAR	368640	43.533	75.25	5B
OYYK	382030	43.783	70.933	5B
OYYL	354160	49.066	54.662	6B
PAVLODAR	360030	52.2	77.07	7
PETROPAVL	286760	54.792	69.117	7
RIDDER	362080	50.333	83.55	7
RUZAEVKA	289660	52.822	66.958	7
SAM	359250	45.024	55.748	5B
SARYKOL	288670	53.327	65.524	7
SAUMALKOL VOLODARSKOYE	288770	53.317	68.1	7
SEMEY	361770	50.417	80.3	7
SEMIYARKA	361520	50.893	78.322	7
SHALKAR	356330	47.85	59.617	7
SHAPAI	353020	50.2	51.167	6B
SHARDARA	384390	41.249	67.969	4A
SHCHUCHINSK	289840	52.925	70.204	7
SHIELI	380690	44.182	66.729	5B
SHYMKENT	383280	42.348	69.71	4A
TAIPAQ	354060	49.05	51.867	6B
TARAZ	383410	42.85	71.3	5B
TASTY	380810	44.8	69.117	5B
TEMIR	354260	49.142	57.122	6A
TOLE BI	382220	43.7	73.783	5B
TURARA RYSKULOVA	383340	42.545	70.354	4A
TURGAY	353580	49.635	63.482	7
TURKISTAN	381980	43.272	68.191	4B
ULANBEL	380910	44.8	71.067	5A
URALSK	351080	51.151	51.543	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
URZHAR	366390	47.117	81.617	6A
USHARAL	367290	46.167	80.933	6B
UST KAMENOGORSK	350675	50.037	82.494	7
YRGYZ	355420	48.617	61.267	7
ZAYSAN	366650	47.467	84.917	7
ZHALPAQTAL	343980	49.667	49.483	6B
ZHALTYR	351730	51.617	69.8	7
ZHANGIZTOBE	363970	49.217	81.217	7
ZHARKENT	368590	44.163	80.046	5B
ZHARYK	354970	48.85	72.867	7
ZHEZQAZGHAN	356710	47.8	67.717	6B
ZHYMPITY	352170	50.25	52.567	6B
ZLIKHA	359690	45.222	66.877	5B
Kenya (KEN)				
EL DORET INTL	636880	0.404	35.239	3A
EMBU	637200	-0.501	37.459	2A
GARISSA	637230	-0.464	39.648	0B
KISUMU	637080	-0.086	34.729	2A
KITALE	636610	0.972	34.959	3A
LODWAR	636120	3.122	35.609	0B
MAKINDU	637660	-2.284	37.821	2B
MALINDI	637990	-3.229	40.102	0A
MARSABIT	636410	2.3	37.9	2A
MERU	636950	0.083	37.65	3C
MOMBASA INTL	638200	-4.035	39.594	0A
MOYALE	636190	3.533	39.05	2A
NAIROBI DAGORETTI	637410	-1.301	36.76	3C
NAIROBI JOMO KENYATTA INTL	637400	-1.319	36.928	2A
NAKURU	637140	-0.271	36.104	3A
NYERI	637170	-0.442	36.981	3C
VOI	637930	-3.398	38.558	1B
WAJIR	636710	1.733	40.092	0B
Kiribati (KIR)				
TARAWA BETIO	916110	1.355	172.923	0A
TARAWA BONRIKI	916100	1.382	173.147	0A
Korea, Democratic People's Republic of (PRK)				
ANJU	470500	39.617	125.65	5A
CHANGJIN	470310	40.367	127.25	7
CHANGJON	470610	38.733	128.183	4A
CHONGJIN	470080	41.783	129.817	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
CHUNGGANG	470140	41.783	126.883	6A
HAEJU	470690	38.033	125.7	4A
HAMHUNG	470410	39.933	127.55	5A
HUICHON	470390	40.167	126.25	5A
HYESAN	470160	41.4	128.18	7
KAESONG	470700	37.967	126.567	5A
KANGGYE	470200	40.967	126.6	6A
KIMCHAEK SONGJIN	470250	40.667	129.2	5A
KIMHYONGGWON	470220	40.817	128.15	7
KUSONG	470370	39.983	125.25	5A
NAMPO	470600	38.717	125.383	5A
PYONGGANG	470750	38.417	127.283	5A
PYONGYANG SUNAN INTL	470580	39.224	125.67	5A
RYONGYON	470680	38.15	124.883	5A
SAMJIYON	470050	41.817	128.3	7
SARIWON	470650	38.517	125.767	5A
SIN'GYE	470670	38.5	126.533	5A
SINPO	470460	40.033	128.183	5A
SINUIJU	470350	40.1	124.383	5A
SONBONG	470030	42.317	130.4	6A
SUPUNG	470280	40.45	124.933	5A
WONSAN	470550	39.183	127.433	4A
YANGDOK	470520	39.217	126.65	5A
Korea, Republic of (KOR)				
ALDDREU AF	471870	33.2	126.267	3A
ANDONG	471360	36.573	128.707	4A
BAENGNYEONGDO	471020	37.974	124.713	4A
BAENGNYEONGDO AQMS	471030	37.966	124.63	4A
BORYEONG	471500	36.327	126.558	4A
BUKGANGNEUNG	471040	37.804	128.855	4A
BUSAN	471590	35.105	129.032	3A
BUSAN GIMHAE INTL	471530	35.18	128.938	4A
CHANGWON	471550	35.17	128.573	3A
CHEONAN	471450	36.763	127.293	4A
CHEONGJU	471310	36.639	127.441	4A
CHEONGJU INTL	471280	36.717	127.499	4A
CHEORWON	470950	38.148	127.304	5A
CHUNCHEON	471010	37.903	127.736	5A
CHUPUNGNYEONG	471350	36.22	127.994	4A
DAEGU AFB	471430	35.828	128.652	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
DAEGU INTL	471420	35.894	128.659	4A
DAEGWALLYEONG	471000	37.677	128.718	6A
DONGDUCHEON	470980	37.902	127.061	4A
DONGHAE	471060	37.507	129.124	4A
GANGNEUNG	471050	37.751	128.891	4A
GANGNEUNG AB	471070	37.754	128.944	4A
GEOCHANG	471570	35.667	127.91	4A
GIMPO INTL	471100	37.558	126.791	4A
GOCHANG	471720	35.349	126.599	4A
GOSAN SUWOLBONG	471850	33.294	126.163	3A
GUMI	471540	36.131	128.321	4A
GUNSAN	471400	36.005	126.761	4A
GWANGJU	471560	35.173	126.892	4A
GWANGJU AP	471580	35.126	126.809	4A
HEUKSANDO	471690	34.687	125.451	4A
ICHEON	470970	37.264	127.484	4A
INCHEON	471120	37.478	126.625	4A
INCHEON INTL	471131	37.469	126.451	4A
JEJU	471840	33.514	126.53	3A
JEJU INTL	471820	33.511	126.493	3A
JEONGEUP	471710	35.563	126.839	4A
JEONJU	471460	35.841	127.117	4A
JINDO	471750	34.472	126.324	4A
JINJU	471920	35.164	128.04	4A
KUNSAN AB	471410	35.904	126.616	4A
MANGILSAN	471260	36.937	126.444	4A
MOKPO	471650	34.817	126.381	4A
MUAN INTL	471630	34.983	126.383	4A
NAMWON	471730	35.421	127.396	4A
OSAN AB	471220	37.091	127.03	4A
PAJU	470990	37.886	126.766	5A
POHANG	471380	36.032	129.38	4A
POHANG AP	471390	35.988	129.42	4A
PYEONGTAEK AB	471270	36.967	127.033	4A
SACHEON AB	471610	35.089	128.07	4A
SANGJU	471370	36.408	128.157	4A
SEOGWIPO	471890	33.246	126.565	3A
SEONGSAN	471880	33.387	126.88	3A
SEOSAN	471290	36.777	126.494	4A
SEOUL AB	471110	37.446	127.114	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SEOUL OBSERVATORY	471080	37.571	126.966	4A
SEOUL SINYONGSAN	471170	37.533	126.967	4A
SOKCHO	470900	38.251	128.565	4A
SUNCHEON	471740	35.02	127.369	4A
SUWON	471190	37.272	126.985	4A
SUWON AB	471200	37.239	127.007	4A
TAEJON	471330	36.372	127.372	4A
TONGYEONG	471620	34.846	128.436	3A
ULJIN	471300	36.992	129.413	4A
ULLEUNGDO	471150	37.481	130.899	4A
ULSAN	471520	35.593	129.352	4A
WANDO	471700	34.396	126.702	4A
WONJU	471140	37.337	127.947	4A
YANGYANG INTL	470920	38.061	128.669	4A
YECHEON AP	471340	36.632	128.355	4A
YEONGWOL	471210	37.181	128.458	5A
YEOSU	471680	34.739	127.741	3A
Kosovo (UNK)				
PEJA	134730	42.667	20.3	4A
PRISTINA INTL	134811	42.57	21.03	4A
PRIZREN	134770	42.217	20.733	4A
Kuwait (KWT)				
ABDALI	405500	30.067	47.683	0B
AL JAHRA SULAIBIYA	405870	29.267	47.717	0B
ALI AL SALEM AB	405736	29.347	47.521	0B
JULAIA PORT	405930	28.867	48.283	1B
KUWAIT INTL	405820	29.227	47.969	0B
SALMI	405700	29.1	46.683	1B
SALMIYA	405850	29.35	48.1	0B
UMM AL MARADIM	405960	28.68	48.652	0B
WAFRA	405920	28.567	48.067	0B
Kyrgyzstan (KGZ)				
BISHKEK	383530	42.85	74.533	4A
JALAL-ABAD	386130	40.934	72.97	4A
KARA-SUU	386160	40.7	72.9	4B
MANAS	382200	43.067	74.483	5A
NARYN	369740	41.433	76	6B
OSH	386150	40.609	72.793	4B
TALAS	383450	42.517	72.217	5B
TIAN SHAN	369820	41.897	78.185	8

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
TOKMAK	369110	42.833	75.283	4A
Lao People's Democratic Republic (LAO)				
LUANG PHABANG	489300	19.897	102.161	1A
PAKSE	489550	15.136	105.779	0A
VIENTIANE WATTAY INTL	489400	17.988	102.563	0A
Latvia (LVA)				
AINAZI	262290	57.868	24.366	6A
ALUKSNE	263460	57.44	27.035	6A
BAUSKA	264290	56.379	24.222	6A
DAUGAVPILS	265440	55.87	26.617	6A
DOBELE	264240	56.62	23.32	6A
GULBENE	263480	57.132	26.719	6A
JELGAVA	264250	56.557	23.964	6A
KOLKA	263130	57.747	22.589	6A
LIEPAJA	264060	56.475	21.021	5A
MERSRAGS	263240	57.333	23.113	6A
PAVILOSTA	264030	56.888	21.189	6A
PRIEKULI	263350	57.316	25.338	6A
REZEKNE	264460	56.545	27.281	6A
RIGA	264220	56.955	24.105	6A
RUJIENA	262380	57.886	25.372	6A
SALDUS	264160	56.675	22.504	6A
SKRIVERI	264350	56.642	25.128	6A
SKULTE	263260	57.301	24.412	6A
STENDE	263180	57.183	22.551	6A
VENTSPILS	263140	57.396	21.537	5A
ZILANI	264360	56.52	25.918	6A
ZOSENI	263390	57.135	25.906	6A
Lebanon (LBN)				
BEIRUT RAFIC HARIRI INTL	401000	33.821	35.488	2A
CHTOURA	401010	33.817	35.85	3A
TRIPOLI	401030	34.45	35.8	2A
Liberia (LBR)				
HARBEL	656600	6.234	-10.362	0A
Libyan Arab Jamahiriya (LBY)				
AJDABIYA	620550	30.717	20.167	2B
AL-JAWF KUFRA	622710	24.199	23.3	1B
BENGHAZI	620530	32.097	20.269	2B
MISRATA	620160	32.325	15.059	2B
NALUT	620020	31.867	10.983	2B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SABHA	621240	26.987	14.473	1B
SIRTE	620190	31.208	16.572	2B
TRIPOLI INTL	620100	32.664	13.159	2B
ZUWARA	620070	32.883	12.083	2B
Liechtenstein (LIE)				
VADUZ	69900	47.127	9.518	4A
Lithuania (LTU)				
BIRZAI	265310	56.193	24.774	6A
KAUNAS	266290	54.883	23.835	6A
KAUNAS INTL	266295	54.964	24.085	5A
KLAIPEDA	265090	55.731	21.092	5A
KYBARTAI	267130	54.65	22.8	5A
LAUKUVA	265180	55.609	22.239	6A
PALANGA INTL	265020	55.973	21.094	5A
SIAULIAI	265240	55.942	23.331	6A
SIAULIAI INTL	265021	55.892	23.397	6A
UTENA	266330	55.515	25.59	6A
VILNIUS	267300	54.626	25.107	6A
Luxembourg (LUX)				
LUXEMBOURG AP	65900	49.627	6.212	5A
Macao (MAC)				
MACAU INTL	450110	22.16	113.568	2A
Madagascar (MDG)				
ANTANANARIVO IVATO	670830	-18.797	47.479	2A
ANTSIRANANA	670090	-12.349	49.292	1A
MAHAJANGA	670270	-15.667	46.352	0A
TAOLAGNARO	671970	-25.038	46.956	1A
TOAMASINA	670950	-18.11	49.393	1A
Malaysia (MYS)				
ALOR SETAR	486030	6.2	100.404	0A
BINTULU	964410	3.124	113.02	0A
IPOH	486250	4.566	101.093	0A
KOTA BHARU	486150	6.164	102.301	0A
KOTA KINABALU INTL	964710	5.937	116.051	0A
KUALA LUMPUR INTL	486500	2.746	101.71	0A
KUALA LUMPUR SUBANG	486470	3.131	101.553	0A
KUALA TRENGGANU	486180	5.383	103.108	0A
KUCHING INTL	964130	1.485	110.347	0A
KUDAT	964770	6.917	116.833	0A
LABUAN	964650	5.301	115.25	0A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
LANGKAWI INTL	486000	6.337	99.726	0A
MALACCA	486650	2.255	102.244	0A
MERSING	486740	2.445	103.831	0A
MIRI	964490	4.322	113.987	0A
PAHANG	486570	3.773	103.212	0A
PENANG INTL	486010	5.296	100.268	0A
PERAK	486200	4.221	100.701	0A
SANDAKAN	964910	5.901	118.059	0A
SIBU	964210	2.262	111.985	0A
SRI AMAN SIMANGGAN	960011	1.217	111.45	0A
SULTAN ISMAIL	486790	1.638	103.666	0A
TAWAU	964810	4.313	118.122	0A
Maldives (MDV)				
GAN ISLAND	435990	-0.691	73.15	0A
MALE	435550	4.193	73.528	0A
Mali (MLI)				
BAMAKO	612910	12.534	-7.95	0A
BOUGOUNI	612960	11.417	-7.5	0A
KAYES	612570	14.482	-11.399	0B
KOUTIALA	612930	12.383	-5.467	0A
MOPTI	612650	14.513	-4.08	0B
NARA	612330	15.167	-7.283	0B
NIORO DU SAHEL	612300	15.239	-9.577	0B
SAN	612770	13.333	-4.833	0B
SIKASSO	612970	11.35	-5.683	0A
Malta (MLT)				
MALTA LUQA	165970	35.857	14.478	3A
Marshall Islands (MHL)				
KWAJALEIN ATOLL	913660	8.72	167.73	0A
MAJURO ATOLL	913760	7.068	171.294	0A
Martinique (MTQ)				
FORT-DE-FRANCE	789250	14.595	-60.996	0A
Mauritania (MRT)				
NOUADHIBOU	614150	20.92	-17.036	2B
NOUAKCHOTT	614420	18.3	-15.976	0B
Mauritius (MUS)				
AGALEGA	619740	-10.38	56.61	0A
MAURITIUS PLAISANCE	619900	-20.435	57.684	1A
MAURITIUS VACOAS	619950	-20.297	57.497	2A
RODRIGUES POINTE CANON	619880	-19.681	63.426	1A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ST BRANDON ILE RAPHAEL	619860	-16.433	59.605	0A
Mayotte (MYT)				
PAMANDZI	670050	-12.805	45.281	0A
Mexico (MEX)				
ACAPULCO INTL	768056	16.763	-99.749	0A
AGUASCALIENTES	765710	21.851	-102.291	3C
BAY OF CAMPECHE BUOY 42055	997398	22.124	-93.941	1B
CAMPECHE INTL	766950	19.836	-90.507	0A
CANCUN INTL	765950	21.029	-86.852	1A
CHETUMAL INTL	767500	18.501	-88.328	0A
COATZACOALCOS	767410	18.14	-94.511	1A
COMITAN	768480	16.232	-92.135	3C
CULIACAN	764120	24.635	-107.441	1B
DURANGO	764230	24.061	-104.601	3B
GUADALAJARA INTL	766133	20.522	-103.311	3A
GUANAJUATO	765770	21.014	-101.266	3A
GUANAJUATO INTL	765773	20.983	-101.483	2A
HERMOSILLO	761600	29.078	-110.931	1B
JALAPA	766870	19.512	-96.904	3A
MANZANILLO	766540	19.044	-104.319	0A
MAZATLAN	764580	23.217	-106.411	1B
MAZATLAN INTL	764593	23.161	-106.266	1A
MERIDA INTL	766440	20.947	-89.652	0A
MEXICALI INTL	760053	32.631	-115.242	2B
MEXICO CITY INTL	766793	19.436	-99.072	3A
MONCLOVA	763420	26.9	-101.434	1B
MONTERREY	763930	25.683	-100.272	2B
MONTERREY INTL	763943	25.778	-100.107	2B
MORELIA	766650	19.722	-101.183	3C
MORELIA INTL	766655	19.85	-101.026	3C
OAXACA INTL	767750	17.002	-96.721	2A
ORIZABA	767370	18.866	-97.098	2A
PROGRESO	765930	21.277	-89.654	1B
PUEBLA	766850	19.055	-98.163	3A
PUERTO VALLARTA INTL	766013	20.68	-105.254	1A
QUERETARO	766250	20.563	-100.369	3B
SALTILLO	763900	25.351	-101.024	3B
SAN LUIS POTOSI	765390	22.176	-100.987	3B
TAMPICO INTL	765493	22.296	-97.866	1A
TAPACHULA	769030	14.887	-92.296	0A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
TAPACHULA INTL	769043	14.794	-92.37	0A
TEPIC	765560	21.519	-104.884	2A
TIJUANA	760013	32.541	-116.97	3B
TLAXCALA	766830	19.325	-98.247	3A
TOLUCA INTL	766753	19.337	-99.566	3A
TORREON	763820	25.52	-103.416	2B
TULANCINGO	766340	20.084	-98.358	3B
TUXPAN	766400	20.96	-97.417	1A
TUXTLA GUTIERREZ	768430	16.763	-93.147	1A
VERACRUZ	766920	19.143	-96.111	1A
VERACRUZ INTL	766913	19.146	-96.187	1A
YUCATAN BASIN BUOY 42056	997395	19.82	-84.945	0A
ZACATECAS INTL	765255	22.897	-102.687	3C
Micronesia, Federated States of (FSM)				
POHNPEI	913481	6.96	158.21	0A
WENO CHUUK	913340	7.454	151.843	0A
YAP	914130	9.497	138.082	0A
Moldova, Republic of (MDA)				
BALTI	337450	47.783	27.95	5A
CHISINAU	338150	47.017	28.983	5A
CHISINAU INTL	338387	46.928	28.931	5A
COMRAT	338830	46.3	28.633	5A
Mongolia (MNG)				
ALTAI	442770	46.377	96.238	7
AMARBUYANTAYN	443290	44.617	98.7	7
ARVAIKHEER	442880	46.259	102.789	7
BADRAKH TARIALAN	442300	49.609	101.985	7
BARUUN-URT	443050	46.671	113.284	7
BARUUNKHARAA	442410	48.913	106.09	7
BARUUNTURUUN	442130	49.659	94.404	8
BAYAN	442940	47.257	107.538	8
BAYAN-OVOO	443020	47.786	112.111	7
BAYANBULAG	442750	46.812	98.087	8
BAYANDELGER	443520	45.73	112.355	7
BAYANKHONGOR	442870	46.174	100.71	7
BAYANTOOROI	443250	44.924	96.753	6B
BOGD	443380	44.674	102.176	7
BULGAN	442390	48.818	103.519	7
BULGAN BURENKHAIRKHAN	442650	46.095	91.552	7
CHINGGIS KHAAN INTL	442910	47.843	106.767	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CHOIBALSAN	442590	48.081	114.537	7
CHOIR	442980	46.35	108.375	7
DADAL	442540	49.022	111.612	7
DALANZADGAD	443730	43.577	104.418	6B
DASHBALBAR	442560	49.551	114.404	7
DURVULJIN	442190	47.646	94.999	7
ERDENEMANDAL	442370	48.529	101.368	7
ERDENESANT	442860	47.351	104.492	7
ERDENETSAGAAN	443170	45.907	115.372	7
GALUUT	442840	46.702	100.143	8
GANDAN HURYEE	442210	49.701	96.363	8
GURVANTES	443740	43.231	101.043	6B
HATGAL	442070	50.439	100.151	8
KHALKGOL	443130	47.63	118.622	7
KHANBOGD	443850	43.196	107.194	6B
KHORGO TARIAT	442290	48.157	99.877	8
KHOVD	442180	47.996	91.632	7
KHUJIRT	442850	46.9	102.779	7
KHUTAG-UNDUR	442320	49.394	102.709	7
KHUVSGUL	443860	43.604	109.636	6B
MANDAKH	443480	44.401	108.249	7
MANDALGOVI	443410	45.743	106.264	7
MATAD	443140	46.955	115.296	7
MURUN	442310	49.638	100.167	7
NOGOONNUUR	442100	49.615	90.243	7
ONON	442570	48.616	110.599	7
ORKHON	442420	49.144	105.402	7
RINCHINLHUMBE	442030	51.114	99.668	8
SAIKHAN-OVOO	443360	45.461	103.9	7
SAINSHAND	443540	44.868	110.117	7
TOLBO	442170	48.417	90.3	8
TONKHIL	442660	46.313	93.902	7
TOSONTSENGEL	442250	48.763	98.266	8
TSETSEN UUL	442240	48.748	96.004	8
TSETSERLEG	442820	47.472	101.463	7
TSOGT-OVOO	443470	44.423	105.318	7
ULAANBAATAR	442920	47.918	106.848	8
ULAANGOM	442120	49.971	92.078	8
ULGII	442140	48.98	89.938	7
ULIASTAI	442720	47.727	96.847	8

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
UMNUGOVI	442150	49.105	91.726	7
UNDERKHAAN	443040	47.304	110.608	7
YERUU	442430	49.749	106.661	8
ZAMYN-UUD	443580	43.703	111.901	7
ZAVKHAN	442160	48.824	93.098	7
Montenegro (MNE)				
BAR	134610	42.1	19.1	3A
NIKSIC	134590	42.767	18.95	4A
PLJEVLJA	133630	43.35	19.35	5A
PODGORICA GOLUBOVCI	134620	42.367	19.25	3A
PODGORICA GRAD	134630	42.433	19.283	3A
TIVAT	134570	42.405	18.723	3A
ULCINJ	134640	41.917	19.217	3A
Morocco (MAR)				
AGADIR AL MASSIRA INTL	602520	30.325	-9.413	2B
AGADIR INEZGANE	602500	30.381	-9.546	3B
AL HOCEIMA CHERIF AL IDRISSI	601070	35.18	-3.844	3A
BENI-MELLAL	601910	32.367	-6.4	3B
CASABLANCA ANFA	601550	33.557	-7.66	3A
CASABLANCA NOUASSEUR	601560	33.367	-7.59	3B
ERRACHIDIA MOULAY ALI CHERIF	602100	31.948	-4.398	2B
ESSAOUIRA	602200	31.51	-9.773	3C
FES SAIS	601410	33.927	-4.978	3A
MARRAKECH MENARA	602300	31.607	-8.036	2B
MEKNES	601500	33.879	-5.515	3A
MIDELT	601950	32.683	-4.733	3B
NADOR AL AROUI	603400	34.983	-3.017	3B
OUARZAZATE	602650	30.939	-6.909	2B
OUJDA ANGADS	601150	34.787	-1.924	3B
SAFI	601850	32.283	-9.233	3A
SALE	601350	34.051	-6.752	3A
TANGIER IBN BATTUTA	601010	35.727	-5.917	3A
TAZA	601270	34.217	-4	3A
TETOUAN	603180	35.594	-5.32	3A
Mozambique (MOZ)				
MAPUTO	673410	-25.921	32.573	1A
NAMPULA	672370	-15.106	39.282	1A
QUELIMANE	672830	-17.856	36.869	1A
Myanmar (MMR)				
YANGON	480970	16.865	96.154	0A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
Namibia (NAM)				
HOSEA KUTAKO INTL	681120	-22.48	17.471	3B
KEETMANSHOOP	683120	-26.54	18.111	2B
WALVIS BAY	680980	-22.98	14.645	3C
WALVIS BAY PELICAN POINT	681040	-22.892	14.435	3C
WINDHOEK	681100	-22.567	17.1	2B
Nepal (NPL)				
TRIBHUVAN INTL	444540	27.697	85.359	3A
Netherlands (NLD)				
A12-CPP HP	62050	55.399	3.81	5C
AMSTERDAM AP SCHIPHOL	62400	52.317	4.79	4A
ARCEN	63910	51.497	6.196	4A
AWG-1	62080	53.492	5.942	4A
BERKHOUT	62490	52.643	4.979	5A
CABAUW TOWER	63480	51.97	4.926	4A
D15-FA-1	62010	54.326	2.936	4A
DE BILT	62600	52.099	5.18	4A
DE KOOIJ AP	62350	52.927	4.781	4A
DEELEN AP	62750	52.055	5.872	5A
EINDHOVEN AP	63700	51.45	5.377	4A
ELL-HALER	63770	51.197	5.763	4A
EURO PLATFORM	63210	51.998	3.275	4A
F16-A	62060	54.117	4.012	4A
F3-FB-1	62390	54.854	4.696	4A
GILZE RIJEN	63500	51.565	4.935	4A
GRONINGEN EELDE	62800	53.124	6.585	5A
HEINO	62780	52.434	6.259	5A
HERWIJNEN	63560	51.858	5.145	4A
HOEK VAN HOLLAND	63300	51.991	4.122	4A
HOOGEVEEN	62790	52.749	6.573	5A
HOORN-A	62120	52.918	4.15	4A
HOUTRIB	62680	52.533	5.433	5A
HUPSEL	62830	52.068	6.657	5A
IJMUIDEN	62250	52.462	4.555	4A
J6-A	62110	53.824	2.945	4A
K13-A	62520	53.218	3.22	4A
K14-FA-1C	62040	53.269	3.628	4A
L9-FF-1	62070	53.614	4.96	4A
LAUWERSOOG	62770	53.412	6.199	4A
LEEUWARDEN AB	62700	53.223	5.752	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
LELYSTAD AP	62690	52.457	5.52	4A
LICHTEILAND GOEREE	63200	51.926	3.67	4A
MAASTRICHT AACHEN AP	63800	50.905	5.762	4A
MARKNESSE	62730	52.702	5.888	5A
NIEUW BEERTA	62860	53.194	7.149	5A
P11-B DE RUYTER	62030	52.36	3.342	4A
ROTTERDAM THE HAGUE AP	63440	51.961	4.447	4A
SOESTERBERG	62650	52.127	5.276	5A
STAVOREN	62670	52.897	5.383	4A
TERSCHELLING HOORN	62510	53.391	5.346	5A
TWENTE	62900	52.273	6.891	5A
VALKENBURG	62100	52.14	4.436	4A
VLIELAND	62420	53.24	4.921	4A
VLISSINGEN	63100	51.441	3.596	4A
VOLKEL AP	63750	51.659	5.707	4A
WEST-TERSCHELLING	62500	53.367	5.217	5A
WESTDORPE	63190	51.225	3.861	4A
WIJK AAN ZEE	62570	52.505	4.603	4A
WILHELMINADORP	63230	51.526	3.884	4A
WOENSDRECHT	63400	51.448	4.342	4A
New Caledonia (NCL)				
ILE ART	915730	-19.721	163.66	1A
ILE DE MARE	915870	-21.481	168.036	2A
ILE DES PINS	915960	-22.59	167.452	2A
ILE LIFOU	915820	-20.777	167.241	2A
ILE LOOP	915740	-19.968	158.476	1A
ILE MATTHEW	915980	-22.346	171.358	2A
ILE SURPRISE	915700	-18.48	163.086	1A
KOUMAC	915770	-20.559	164.284	2A
LA TONTOUTA	915900	-22.017	166.222	2A
NOUMEA	915920	-22.276	166.453	2A
OUVEA	915790	-20.639	166.571	1A
POINDIMIE	915830	-20.933	165.328	1A
New Zealand (NZL)				
AUCKLAND	931100	-37.009	174.807	3A
CAMBELL ISLAND	939470	-52.55	169.15	6A
CAPE CAMPBELL	935970	-41.726	174.276	3A
CAPE REINGA	930040	-34.429	172.682	3A
CASTLEPOINT	934980	-40.904	176.212	3A
CHATHAM ISLAND	939850	-43.817	-176.475	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
CHRISTCHURCH	937810	-43.49	172.527	4A
DUNEDIN	938910	-45.927	170.197	4A
ENDERBY ISLAND	939290	-50.493	166.296	5A
FAREWELL SPIT	935270	-40.545	173.001	3A
GISBORNE	932920	-38.659	177.985	3A
HAAST	937090	-43.86	169.007	4A
HICKS BAY	931960	-37.561	178.314	3A
HOKITIKA	936140	-42.713	170.984	4A
INVERCARGILL	938450	-46.411	168.318	5A
KAIKOURA	936780	-42.42	173.695	4A
KAITAIA	930120	-35.133	173.264	3A
MOKOHINAU	930690	-35.903	175.115	3A
NAPIER	933730	-39.47	176.864	3A
NELSON	935460	-41.301	173.216	3A
NEW PLYMOUTH	933090	-39.008	174.184	3A
PALMERSTON NORTH	934040	-40.323	175.612	3A
PARAPARAUMU	934200	-40.904	174.984	3A
PURERUA	930230	-35.125	174.017	3A
PUYSEGUR POINT	938050	-46.156	166.613	4A
QUEENSTOWN	938310	-45.017	168.74	5A
RAOUL ISLAND	939940	-29.245	-177.929	3A
SECRETARY ISLAND	938000	-45.221	166.885	4A
SOUTH WEST CAPE	939090	-47.277	167.463	4A
TAIAROA HEAD	938960	-45.775	170.727	4A
TAUPO	932450	-38.742	176.081	4A
TAURANGA	931860	-37.671	176.196	3A
TIMARU	937730	-44.305	171.221	4A
WAIOURU	933390	-39.446	175.658	5A
WELLINGTON	934360	-41.331	174.806	3A
WESTPORT	935150	-41.741	171.58	4A
Nicaragua (NIC)				
MANAGUA INTL	787410	12.141	-86.168	0A
Niger (NER)				
AGADEZ	610240	16.967	7.983	0B
BILMA	610170	18.683	12.917	0B
BIRNI NKONNI	610750	13.8	5.25	0B
DIFFA	610850	13.373	12.627	0B
DOSSO	610530	13.049	3.223	0B
GAYA	610990	11.883	3.45	0B
GOURE	610450	13.983	10.3	0B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
MAGARIA	610910	12.983	8.933	0B
MAINE-SOROA	610960	13.233	11.983	0B
MARADI	610800	13.503	7.127	0B
N'GUIGMI	610490	14.25	13.117	0B
NIAMEY	610520	13.482	2.184	0B
TAHOUA	610430	14.876	5.265	0B
TILLABERI	610360	14.2	1.45	0B
ZINDER	610900	13.779	8.984	0B
Nigeria (NGA)				
LAGOS IKEJA	652010	6.577	3.321	0A
Niue (NIU)				
ALOFI	918220	-19.067	-169.917	1A
Norfolk Island (NFK)				
NORFOLK ISLAND	949960	-29.039	167.941	3A
Northern Mariana Islands (MNP)				
SAIPAN	912320	15.117	145.717	0A
North Macedonia (MKD)				
BEROVO	135980	41.717	22.85	5A
BITOLA	135830	41.05	21.367	4A
KRIVA PALANKA	134930	42.2	22.333	4A
OHRID	135790	41.1	20.817	4C
OHRID ST PAUL THE APOSTLE	135780	41.18	20.742	4C
PRILEP	135850	41.333	21.567	4A
SHTIP	135910	41.75	22.183	4A
SKOPJE INTL	135860	41.962	21.621	4A
Norway (NOR)				
AFJORD II	12420	63.966	10.216	6A
ALTA	10490	69.976	23.372	7
ANDOYA	10100	69.293	16.144	7
AURSKOG	14840	59.912	11.58	6A
BANAK LAKSELV	10590	70.069	24.973	7
BARDUFOSS	10230	69.056	18.54	7
BEITOSTOLEN II	13650	61.251	8.923	7
BERGEN FLESLAND	13110	60.293	5.218	5A
BERGEN FLORIDA	13170	60.383	5.333	5A
BO I VESTERALEN	11560	68.607	14.433	6A
BODO	11520	67.267	14.359	6A
BRATA-SLETTOM	13600	61.896	7.896	7
BRONNOY	11120	65.457	12.218	6A
DIVIDALEN II	11980	68.782	19.702	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
DOMBAAS	12330	62.072	9.116	7
DRAG-AJLUOKTA	11430	68.047	16.084	6A
DRAMMEN BERSKOG	14800	59.754	10.124	6A
DREVSJO	13930	61.89	12.033	7
EDGEOYA	10060	78.251	22.823	8
EIGEROYA	14260	58.435	5.872	5A
EIK HOVE	14250	58.508	6.511	6A
EKOFISK OIL PLATFORM	14000	56.542	3.224	5C
EVENES HARSTAD NARVIK	11830	68.491	16.678	7
EVENSTAD-DIH	13830	61.425	11.08	7
FAGERNES	13670	60.979	9.224	7
FEDJE	13070	60.753	4.711	5A
FERDER FYR	14820	59.027	10.524	5A
FET I EIDFJORD	13400	60.408	7.28	7
FILEFJELL	13640	61.178	8.113	7
FINSEVATN	13500	60.593	7.524	8
FISTER SIGMUNDSTAD	14220	59.16	6.036	5A
FJAERLAND BREMUSEET	13320	61.423	6.764	6A
FLISA II	13920	60.614	12.012	6A
FOKSTUA II	12380	62.113	9.286	7
FRUHOLMEN FYR	10550	71.093	23.982	7
GARTLAND	12910	64.531	12.384	7
GEILO-OLDEBRATEN	13590	60.53	8.195	7
GROTLI III	13610	62.016	7.664	7
GULLFAKS C	13000	61.204	2.269	5C
GULLFAX PLATFORM	13755	61.033	2.033	5C
GVARV	14700	59.383	9.201	6A
HAKADAL	14880	60.117	10.829	6A
HALTEN FYR	12400	64.173	9.406	5A
HAMAR II	13860	60.801	11.098	6A
HAMER	13850	60.818	11.069	6A
HAMMERFEST	10520	70.683	23.683	7
HARSTAD	11800	68.802	16.537	6A
HEIDRUN	11025	65.333	7.317	6A
HEIMDAL OIL PLATFORM	10875	59.567	2.217	5C
HEKKINGEN FYR	10150	69.601	17.831	6A
HELLIGVAER	11440	67.405	13.896	6A
HJARTASEN	11500	66.499	14.954	7
HJERKINN II	12390	62.221	9.542	7
HONEFOSS-HOYBY	14690	60.166	10.246	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HOVDEN-LUNDANE	14410	59.577	7.39	7
HOYBUKTMOEN KIRKENES	10890	69.726	29.893	7
HOYDALSMO II	14470	59.497	8.199	7
JOMFRULAND FYR	14760	58.857	9.576	5A
KARASJOK	10650	69.464	25.503	8
KARMOY HAUGESUND	14080	59.35	5.198	5A
KAUTOKEINO	10470	68.997	23.033	8
KONGSBERG BRANNSTASJON	14730	59.624	9.637	6A
KONGSVINGER	14680	60.19	12.007	6A
KONNERUD	14770	59.713	10.146	6A
KOTSOY	12540	62.976	10.561	7
KRAKENES FYR	12030	62.034	4.986	5A
KRISTIANSAND KJEVIK	14520	58.204	8.085	5A
KVAMSKOGEN-JONSHOGDI	13270	60.389	5.964	6A
KVAMSOY	13290	60.364	6.279	5A
KVERNBERGET KRISTIANSUND	12230	63.109	7.816	5A
KVITFJELL	13750	61.465	10.127	7
KVITSOY NORDBO	14110	59.071	5.412	5A
LAERDAL IV	13550	61.103	7.503	6A
LIARVATN	14190	59.051	6.121	6A
LILLEHAMMER-SAETHERENGEN	13780	61.093	10.477	7
LINDESNES FYR	14360	57.983	7.048	5A
LISTA FYR	14270	58.109	6.568	5A
LYNGOR FYR	14670	58.636	9.148	5A
MAJAVATN V	11320	65.166	13.367	7
MAKKAUR FYR	10920	70.707	30.079	7
MANDAL II	14300	58.028	7.453	5A
MELSOM	14810	59.23	10.348	6A
MERAKER-EGGE	12930	63.411	11.727	6A
MIDTLAEGER	14330	59.833	6.983	7
MJOLFJELL	13440	60.702	6.937	7
MO I RANA	11510	66.364	14.301	7
MODALEN III	13260	60.856	5.973	6A
MOLDE ARO	12170	62.745	7.263	5A
MOSJOEN KJAERSTAD	11220	65.784	13.218	7
MOSSTRAND II	14500	59.839	8.179	7
MYKEN	11150	66.763	12.486	6A
NAMSOS	12900	64.471	11.571	6A
NAMSSKOGAN	12810	64.742	12.846	7
NESBYEN-TODOKK	13730	60.567	9.133	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NORDOYAN FYR	12620	64.799	10.547	6A
NORNE OIL PLATFORM	10876	66.017	8.083	6A
OBRESTAD	14120	58.658	5.555	5A
OKSOY FYR	14480	58.073	8.053	5A
ONA II	12120	62.859	6.538	5A
OPPDAL-SETER	12450	62.604	9.667	7
ORKDAL-THAMSHAMN	12340	63.315	9.849	6A
ORLAND	12410	63.699	9.604	6A
OSEBERG PLATFORM	14843	60.491	2.826	5A
OSLO BLINDERN	14920	59.942	10.72	6A
OSLO GARDERMOEN	13840	60.206	11.08	6A
REIPA	11140	66.903	13.646	6A
REKDAL	12140	62.651	6.755	5A
RENA	13890	61.186	11.371	7
ROROS	12880	62.577	11.352	7
ROST	11070	67.527	12.104	6A
ROTVAER	11050	68.368	15.943	6A
RYGGE MOSS	14940	59.379	10.786	6A
SAUDA	14240	59.649	6.363	5A
SELBU	12730	63.225	11.008	6A
SIHCCAJAVRI	11990	68.755	23.539	8
SIRDAL-SINNES	14310	58.923	6.91	7
SKIBOTN	10370	69.388	20.282	7
SKLINNA FYR	11020	65.202	10.996	6A
SKROVA FYR	11600	68.153	14.649	6A
SLATTEROY FYR	14060	59.908	5.068	5A
SLEIPNER A OIL PLATFORM	10886	58.367	1.9	5C
SLETTNES FYR	10780	71.089	28.217	7
SNORRE A OIL PLATFORM	10878	61.45	2.133	5C
SOGNEFJELL	13660	61.564	7.998	8
SOKNEDAL	12530	62.953	10.179	7
SOLA STAVANGER	14150	58.884	5.637	5A
SOLENDET	12870	62.68	11.817	7
SOLVAER III	11210	66.371	12.611	6A
SORKJOSEN	10460	69.787	20.959	7
SORTLAND	11670	68.7	15.417	6A
STATFJORD B OIL PLATFORM	14881	61.206	1.829	5C
STAVANGER VAALAND	14160	58.957	5.729	5A
STEINKJER	12770	64.022	11.451	6A
STOKKA	11160	65.961	12.471	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
STROMTANGEN FYR	14950	59.151	10.829	5A
STRYN	13210	61.916	6.558	6A
SULA	12280	63.847	8.467	5A
SUOLOVUOPMI LULIT	10580	69.579	23.534	8
SVENNER FYR	14780	58.969	10.148	5A
SVINOY FYR	12050	62.329	5.268	5A
TAFJORD	12180	62.23	7.422	5A
TAGDALEN	12210	63.056	9.072	7
TORP	14830	59.184	10.255	6A
TORSVAG FYR	10330	70.246	19.5	6A
TORUNGEN FYR	14650	58.399	8.789	5A
TROLL A OIL PLATFORM	10877	60.633	3.717	5A
TROMSO	10260	69.654	18.937	7
TROMSO AP	10250	69.683	18.919	7
TRONDHEIM VAERNES	12710	63.459	10.935	6A
TRONDHEIM VOLL	12570	63.411	10.454	6A
TRYSIL VEGSTASJON	13970	61.294	12.272	7
TRYVANNSHOGDA	14900	59.984	10.669	6A
TVEITSUND	14550	59.027	8.521	6A
TYNSET-HANSMOEN	12650	62.269	10.732	7
UTSIRA FYR	14030	59.306	4.872	5A
VAAGSLI	14340	59.766	7.365	7
VADSO	10880	70.065	29.835	7
VANGSNES	13380	61.171	6.647	5A
VARDO	10980	70.371	31.096	7
VEGGLI II	14710	60.044	9.147	6A
VEIHOLMEN	12250	63.517	7.95	5A
VENABU	13800	61.651	10.109	7
VIGRA ALESUND	12100	62.56	6.11	5A
VINJEORA II	12320	63.2	9	6A
VOSSEVANGEN	13370	60.625	6.426	6A
YTTEROYANE FYR	13040	61.572	4.682	5A
Oman (OMN)				
ADAM	412640	22.5	57.37	0B
AL BURAIMI	412440	24.234	55.916	0B
BAHLA	412630	22.912	57.257	0B
DIBBA	412420	25.616	56.247	0B
FAHUD	412620	22.348	56.49	0B
IBRA	412650	22.809	58.461	0B
IBRI	412520	23.195	56.429	0B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
JOBA	412870	20.868	58.248	0B
KHASAB PORT	412400	26.211	56.244	0B
MARMUL	413040	18.141	55.181	0B
MASIRAH	412880	20.671	58.889	0B
MINA SALALAH	413120	16.934	54.008	1B
MINA SULTAN QABOOS	412580	23.628	58.572	0B
MUSCAT INTL	412560	23.609	58.261	0B
NIZWA	412550	22.859	57.546	0B
QAIROON HAIRITI	413150	17.253	54.089	2B
QALHAT	412670	22.667	59.4	0B
RUSTAQ	412530	23.409	57.428	0B
SAIQ	412540	23.076	57.643	3B
SALALAH	413160	17.039	54.091	0B
SAMAIL	412570	23.254	57.928	0B
SOHAR MAJIS	412460	24.467	56.645	0B
SUR	412680	22.533	59.483	0B
THUMRAIT	413140	17.666	54.025	0B
Pakistan (PAK)				
ABBOTTABAD KAKUL	415350	34.183	73.25	3A
BADIN	417850	24.633	68.9	0B
BAHAWALPUR	417000	29.4	71.783	1B
BARKHAN	416850	29.883	69.717	2B
CHITRAL	415060	35.883	71.8	3A
DALBANDIN	417120	28.883	64.4	1B
DERA ISMAIL KHAN	416240	31.909	70.897	1B
DROSH	415150	35.567	71.783	3A
HYDERABAD	417640	25.383	68.417	0B
ISLAMABAD INTL	415710	33.617	73.099	2A
JACOBABAD	417150	28.284	68.45	0B
JHELUM	415980	32.933	73.717	1A
JINNAH INTL	417800	24.907	67.161	0B
JIWANI	417560	25.068	61.805	0B
KALAT	416960	29.033	66.583	4B
KHANPUR	417180	28.65	70.683	1B
KHUZDAR	417440	27.833	66.633	2B
LAHORE ALLAMA IQBAL INTL	416410	31.522	74.404	1B
LAHORE CITY	416400	31.55	74.333	1B
MULTAN INTL	416750	30.203	71.419	1B
MURREE	415730	33.917	73.383	3A
NAWABSHAH	417490	26.219	68.39	0B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
NOK KUNDI	417100	28.817	62.75	1B
PADIDAN	417460	26.85	68.133	0B
PANJGUR	417390	26.955	64.133	2B
PASNI	417590	25.29	63.344	1B
PESHAWAR	415300	34.017	71.583	2B
QUETTA INTL	416600	30.251	66.938	3B
SAIDU SHARIF	415230	34.733	72.35	2A
SIALKOT	415990	32.5	74.533	2A
SIBI	416970	29.55	67.883	0B
SUKKUR ROHRI	417250	27.667	68.9	0B
ZHOB	416200	31.358	69.464	2B
Palau (PLW)				
KOROR	914080	7.337	134.477	0A
Palestinian Territory, Occupied (PSE)				
JERUSALEM ATAROT	402900	31.867	35.217	3A
Panama (PAN)				
PANAMA PACIFICO	787955	8.917	-79.6	0A
TOCUMEN INTL	787920	9.071	-79.383	0A
Papua New Guinea (PNG)				
PORT MORESBY	920350	-9.443	147.22	0A
Paraguay (PRY)				
ASUNCION	862180	-25.24	-57.519	2A
CIUDAD DEL ESTE GUARANI	862183	-25.45	-54.833	2A
CONCEPCION	861340	-23.442	-57.427	1A
ENCARNACION	862970	-27.317	-55.833	2A
VILLARRICA	862330	-25.767	-56.433	2A
Peru (PER)				
AREQUIPA	847520	-16.341	-71.583	3C
CHICLAYO	844520	-6.787	-79.828	2B
CUSCO	846860	-13.536	-71.939	3A
IQUITOS	843770	-3.785	-73.309	0A
LIMA	846280	-12.022	-77.114	2B
PISCO	846910	-13.745	-76.22	2B
PIURA	844010	-5.206	-80.616	1B
PUCALLPA	845150	-8.378	-74.574	0A
SAN JUAN DE MARCONA	847210	-15.358	-75.135	2B
TACNA	847820	-18.053	-70.276	3B
TALARA	843900	-4.577	-81.254	1B
TRUJILLO	845010	-8.081	-79.109	2B
TUMBES	843700	-3.553	-80.381	1B

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
Philippines (PHL)				
ALABAT	984350	14.105	122.018	0A
AMBULONG	984320	14.088	121.062	0A
APARRI	982320	18.36	121.63	0A
BAGUIO	983280	16.404	120.602	2A
BALER RADAR	983340	15.749	121.632	0A
BASCO RADAR	981340	20.427	121.971	1A
BORONGAN	985530	11.66	125.442	0A
BUTUAN	987520	8.947	125.482	0A
CABANATUAN	983300	15.471	120.952	0A
CAGAYAN DE ORO	987480	8.484	124.647	0A
CAGAYAN DE ORO LUMBIA	987470	8.409	124.612	0A
CALAPAN	984310	13.415	121.187	0A
CASIGURAN	983360	16.265	122.129	0A
CATANDUANES RADAR	984470	13.63	124.334	1A
CATARMAN	985460	12.506	124.629	0A
CATBALOGAN	985480	11.775	124.884	0A
CLARK INTL	983270	15.185	120.549	0A
COTOBATO	987460	7.162	124.215	0A
CUYO	986300	10.854	121.008	0A
DAET	984400	14.129	122.983	0A
DAGUPAN	983250	16.087	120.352	0A
DAVAO FRANCISCO BANGOY INTL	987530	7.126	125.646	0A
DIPOLOG	987410	8.6	123.344	0A
DUMAGUETE	986420	9.334	123.3	0A
GENERAL SANTOS	988510	6.057	125.103	0A
GUIUAN	985580	11.028	125.734	0A
HINATUAN	987550	8.375	126.318	0A
IBA	983240	15.326	119.969	0A
ILOILO	986370	10.773	122.579	0A
INFANTA	984340	14.748	121.678	0A
ITBAYAT	981320	20.787	121.84	1A
LAOAG	982230	18.183	120.535	0A
LEGAZPI	984440	13.151	123.728	0A
MAASIN	986480	10.135	124.861	0A
MACTAN CEBU INTL	986460	10.322	123.98	0A
MALAYBALAY	987510	8.151	125.134	1A
MANILA	984250	14.583	120.983	0A
MANILA NINOY AQUINO INTL	984290	14.509	121.02	0A
MASBATE	985430	12.366	123.629	0A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
MUNOZ	983290	15.736	120.937	0A
PUERTO PRINCESA	986180	9.74	118.759	0A
QUEZON CITY SCIENCE GARDEN	984300	14.645	121.044	0A
ROMBLON	985360	12.574	122.261	0A
ROXAS	985380	11.598	122.752	0A
SAN JOSE	985310	12.36	121.048	0A
SANGLEY POINT	984280	14.495	120.904	0A
SINAIT	982220	17.89	120.46	0A
SUBIC BAY WEATHER	984260	14.8	120.267	0A
SURIGAO	986530	9.783	125.489	0A
TACLOBAN	985500	11.23	125.025	0A
TAGBILARAN	986440	9.664	123.853	0A
TANAY	984330	14.581	121.369	2A
TAYABAS	984270	14.018	121.597	0A
TUGUEGARAO	982330	17.648	121.758	0A
VIRAC	984460	13.576	124.21	0A
ZAMBOANGA	988360	6.922	122.06	0A
Pitcairn (PCN)				
PITCAIRN	919640	-25.073	-130.105	2A
Poland (POL)				
BALICE	125660	50.078	19.795	5A
BIALYSTOK	122950	53.107	23.162	6A
BIELSKO-BIALA	126000	49.807	19.002	5A
BYDGOSZCZ	122400	53.096	17.995	5A
CEWICE LEBUNIA	121360	54.417	17.767	5A
CHOJNICE	122350	53.715	17.532	5A
CZESTOCHOWA	125500	50.812	19.091	5A
DARLOWO	121240	54.405	16.352	5A
DEBLIN	124900	51.551	21.894	5A
ELBLAG-MILEJEWO	121600	54.223	19.544	5A
GDANSK LECHA WALESY	121500	54.38	18.472	5A
GDANSK NOWY PORT	121400	54.4	18.698	5A
GDANSK-SWIBNO	121550	54.334	18.934	5A
GDANSKI PRUSZCZ	121460	54.244	18.669	5A
GDYNIA OKSYWIE	121420	54.586	18.519	5A
GORZOW WIELKOPOLSKI	123000	52.741	15.277	5A
HEL	121350	54.604	18.812	5A
INOWROCLAW	123420	52.807	18.277	5A
JELENIA GORA	125000	50.9	15.789	5A
KALISZ	124350	51.781	18.081	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KASPROWY WIERCH	126500	49.233	19.982	7
KATOWICE MUCHOWEC	125600	50.241	19.033	5A
KETRZYN	121850	54.067	21.367	5A
KIELCE-SUKOW	125700	50.81	20.692	5A
KLODZKO	125200	50.437	16.614	5A
KOLO	123450	52.2	18.66	5A
KOLOBRZEG	121000	54.182	15.58	5A
KOSZALIN	121050	54.204	16.155	5A
KOZIENICE	124880	51.565	21.544	5A
KROSNO	126700	49.707	21.769	5A
LASK	124540	51.552	19.179	5A
LEBA	121200	54.754	17.535	5A
LEBORK	121250	54.553	17.757	5A
LEGNICA	124150	51.193	16.208	5A
LESKO	126900	49.466	22.342	5A
LESZNO	124180	51.836	16.535	5A
LODZ	124650	51.723	19.399	5A
LUBLIN RADAWIEC	124950	51.217	22.393	5A
MALBORK	121540	54.027	19.134	5A
MIKOLAJKI	122800	53.789	21.589	5A
MINSK MAZOWIECKI	123760	52.192	21.663	5A
MIROSLAWIEC	122260	53.395	16.083	5A
MLAWA	122700	53.104	20.361	5A
NOWY SACZ	126600	49.627	20.689	5A
OLSZTYN	122720	53.769	20.421	5A
OPOLE	125300	50.627	17.969	5A
OSTROLEKA	122850	53.066	21.534	5A
PILA	122300	53.13	16.747	5A
PLOCK	123600	52.588	19.726	5A
POWIDZ	123360	52.379	17.854	5A
POZNAN KRZESINY	123260	52.332	16.966	5A
POZNAN LAWICA	123300	52.417	16.835	5A
PRZEMYSL	126950	49.804	22.772	5A
RACIBORZ	125400	50.061	18.191	5A
RADOM	124850	51.414	21.111	5A
RESKO-SMOLSKO	122100	53.764	15.393	5A
RZESZOW JASIONKA	125800	50.11	22.019	5A
SANDOMIERZ	125850	50.697	21.716	5A
SIEDLCE	123850	52.181	22.245	5A
SLUBICE	123100	52.348	14.593	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SNIEZKA	125100	50.736	15.739	7
SULEJOW	124690	51.353	19.866	5A
SUWALKI	121950	54.131	22.949	6A
SWIDWIN	122120	53.791	15.826	5A
SWINOUJSCIE	122000	53.923	14.242	5A
SZCZECIN	122050	53.395	14.623	5A
SZCZECINEK	122150	53.715	16.747	5A
TARNOW	125750	50.03	20.984	5A
TERESPOL	123990	52.079	23.622	5A
TORUN	122500	53.042	18.595	5A
USTKA	121150	54.588	16.854	5A
WARSZAWA OKECIE	123750	52.163	20.961	5A
WIELUN	124550	51.21	18.557	5A
WLODAWA	124970	51.553	23.529	5A
WROCLAW STRACHOWICE	124240	51.103	16.9	5A
ZAKOPANE	126250	49.294	19.96	6A
ZAMOSC	125950	50.698	23.206	5A
ZIELONA GORA	124000	51.93	15.525	5A
Portugal (PRT)				
ANGRA DO HEROISMO	85110	38.66	-27.224	3A
BEJA	85620	38.026	-7.868	3A
BEJA AB	85610	38.079	-7.927	3A
BRAGANCA	85750	41.804	-6.743	4C
CABO CARVOEIRO	85310	39.361	-9.407	3C
CASTELO BRANCO	85700	39.839	-7.479	3A
COIMBRA	85490	40.214	-8.455	3A
COIMBRA AP	85480	40.157	-8.469	3C
EVORA	85570	38.567	-7.9	3A
EVORA AP	85580	38.537	-7.888	3A
FARO AP	85540	37.017	-7.972	3A
FLORES AP	85010	39.457	-31.131	3A
FUNCHAL	85220	32.648	-16.892	2A
HORTA	85060	38.53	-28.629	3A
HORTA AP	85050	38.521	-28.714	3A
LAJES AP	85090	38.768	-27.087	3A
LISBOA GAGO COUTINHO	85790	38.766	-9.127	3A
LISBOA GEOFISICO	85350	38.719	-9.15	3A
LISBOA PORTELLA AP	85360	38.781	-9.136	3A
MADEIRA AP	85210	32.693	-16.776	3A
MONTE REAL AB	85400	39.828	-8.883	3C

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
MONTIJO AB	85340	38.714	-9.024	3A
OVAR AB	85440	40.916	-8.641	3C
PENHAS DOURADAS	85680	40.411	-7.559	5C
PONTA DELGADA AP	85120	37.744	-25.697	3A
PORTALEGRE	85710	39.294	-7.421	3A
PORTO AP	85450	41.232	-8.679	3C
PORTO SANTO AP	85240	33.071	-16.349	3B
SAGRES	85330	37.013	-8.949	3C
SANTA MARIA AP	85150	36.973	-25.173	3A
SINES MONTES CHAOS	85410	37.954	-8.838	3C
VIANA DO CASTELO	85430	41.695	-8.83	3C
VIANA DO CASTELO-CHAFE	85510	41.649	-8.805	3C
VILA REAL AP	85670	41.274	-7.717	4C
VILA REAL FLORES	85660	41.317	-7.733	4C
VISEU	85600	40.715	-7.896	4C
Puerto Rico (PRI)				
AQUADILLA HERNANDEZ INTL	785140	18.498	-67.129	1A
ISLA MAGUEYES	997350	17.97	-67.046	0A
SAN JUAN LA PUNTILLA	994043	18.459	-66.116	0A
SAN JUAN MARIN INTL	785260	18.432	-65.992	0A
Qatar (QAT)				
ABU NAKHLAH	411705	25.117	51.315	0B
DOHA INTL	411700	25.261	51.565	0B
Reunion (REU)				
REUNION ST DENIS GILLOT	619800	-20.892	55.529	1A
Romania (ROU)				
ADJUD	152190	46.105	27.17	5A
ALEXANDRIA	154890	43.978	25.353	4A
APA NEAGRA	153410	44.997	22.859	5A
ARAD	152000	46.134	21.354	4A
BACAU	151500	46.558	26.897	5A
BACLES	154120	44.476	23.113	4A
BAIA MARE TAUTII MAGHERAUS	150140	47.661	23.473	5A
BAILESTI	154650	44.029	23.331	4A
BAISOARA	151630	46.536	23.31	6A
BALEA LAC	152790	45.604	24.615	7
BANLOC	152890	45.383	21.136	4A
BARLAD	151970	46.233	27.644	5A
BECHET	154940	43.79	23.944	4A
BISOCA	152850	45.549	26.71	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BISTRITA	150850	47.149	24.514	5A
BLAJ	152090	46.178	23.935	5A
BOBOC AIR BASE	150001	45.21	26.972	4A
BOITA	152770	45.653	24.272	5A
BOROD	150950	46.994	22.59	5A
BOTOSANI	150200	47.736	26.646	5A
BRASOV-GHIMBAV	153000	45.696	25.526	5A
BUCIN	151480	46.649	25.296	6A
BUCURESTI AFUMATI	154210	44.5	26.213	4A
BUCURESTI BANEASA	154200	44.511	26.078	4A
BUCURESTI FILARET	154220	44.412	26.094	4A
BUZAU	153500	45.133	26.852	4A
CALAFAT	154820	43.985	22.946	4A
CALARASI	154600	44.206	27.338	4A
CAMPENI	151620	46.364	23.04	5A
CAMPIA TURZII	154215	46.502	23.886	5A
CAMPINA	153490	45.144	25.733	5A
CAMPULUNG MUSCEL	153240	45.275	25.037	5A
CARANSEBES	152920	45.42	22.253	4A
CEAHLAU TOACA	151080	46.977	25.95	7
CHISINEU-CRIS	151360	46.519	21.542	4A
CLUJ NAPOCA	151200	46.778	23.571	5A
CONSTANTA	154800	44.214	28.646	4A
CORUGEA	154080	44.734	28.342	5A
CRAIOVA	154500	44.31	23.867	4A
CUNTU	153160	45.3	22.501	6A
DARABANI	150000	48.195	26.574	5A
DEJ	150830	47.128	23.899	5A
DEVA	152300	45.865	22.899	4A
DRAGASANI	153950	44.666	24.237	4A
DROBETA-TURNU SEVERIN	154100	44.626	22.626	4A
DUMBRAVENI	151890	46.228	24.592	5A
DUMBRAVITA DE CODRU	151380	46.645	22.171	5A
FAGARAS	152350	45.836	24.935	5A
FETESTI	154440	44.391	27.839	4A
FOCSANI	152640	45.688	27.2	4A
FUNDATA	153010	45.431	25.272	6A
GALATI	153100	45.473	28.032	4A
GIURGIU	154910	43.875	25.933	4A
GRIVITA	154050	44.741	27.295	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
GURAHONT	151820	46.279	22.333	4A
HARSOVA	154060	44.692	27.964	4A
HOLOD	151170	46.789	22.112	4A
HUEDIN	150990	46.857	23.032	5A
IASI	150900	47.164	27.627	5A
IEZER	150330	47.602	24.649	7
INTORSURA BUZAULUI	152610	45.668	26.057	6A
JOSENI	151270	46.706	25.512	6A
JURILOVCA	154090	44.766	28.876	4A
LACAUTI	152620	45.824	26.376	7
LUGOJ	152700	45.687	21.933	4A
MANGALIA	154990	43.816	28.587	4A
MIERCUREA CIUC	151700	46.371	25.773	6A
MIHAIL KOGALNICEANU	154810	44.362	28.488	4A
MOLDOVA VECHE	153880	44.722	21.633	4A
NEGRESTI	151130	46.838	27.442	5A
OBARSIA LOTRULUI	152970	45.436	23.631	7
OCNA SUGATAG	150150	47.777	23.941	5A
ODORHEIUL SECUIESC	151680	46.297	25.292	5A
OLTENITA	154750	44.075	26.637	4A
ORADEA	150800	47.036	21.896	4A
ORAVITA	153380	45.039	21.711	4A
PALTINIS SIBIU	152540	45.657	23.933	6A
PARANG	153200	45.388	23.463	6A
PATARLAGELE	153280	45.325	26.369	5A
PENTELEU	152840	45.603	26.41	7
PETROSANI	152960	45.406	23.377	5A
PIATRA NEAMT	151090	46.934	26.389	5A
PITESTI	153730	44.849	24.866	4A
PLOIESTI	153770	44.956	25.988	4A
POIANA STAMPEI	150690	47.325	25.134	6A
PREDEAL	153020	45.506	25.584	6A
RADAUTI	150070	47.838	25.891	5A
RAMNICU SARAT	153070	45.391	27.039	4A
RAMNICU VALCEA	153460	45.089	24.363	4A
RARAU	150520	47.45	25.568	7
RESITA	153140	45.314	21.887	4A
ROMAN	151110	46.969	26.912	5A
ROSIA MONTANA	151840	46.318	23.139	6A
ROSIORII DE VEDE	154700	44.107	24.979	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
SACUIENI	150420	47.344	22.094	4A
SANNICOLAU MARE	151990	46.071	20.602	4A
SARMASU	151230	46.748	24.16	5A
SATU MARE	150100	47.721	22.887	5A
SEBES ALBA	152310	45.964	23.533	5A
SEMENIC	153150	45.181	22.056	6A
SFANTU GHEORGHE	152380	45.872	25.802	5A
SIBIU	152600	45.789	24.091	5A
SIGHETUL MARMATIEI	150040	47.939	23.904	5A
SINAIA	153250	45.355	25.514	6A
SIRIA	151790	46.265	21.663	4A
SLATINA	154340	44.442	24.354	4A
SLOBOZIA	154250	44.553	27.384	4A
STANA DE VALE	151180	46.69	22.623	6A
STEI	151600	46.528	22.466	4A
STOLNICI	154160	44.563	24.79	4A
SUCEAVA	150230	47.632	26.241	5A
SULINA	153600	45.162	29.727	4B
SUPURU DE JOS	150440	47.455	22.784	5A
TARCU	153170	45.281	22.533	7
TARGOVISTE	153750	44.929	25.426	4A
TARGU JIU	153400	45.041	23.259	4A
TARGU LOGRESTI	153690	44.878	23.709	5A
TARGU MURES	151450	46.528	24.523	5A
TARGU NEAMT	150730	47.212	26.379	5A
TARGU OCNA	151940	46.273	26.641	5A
TARGU SECUIESC	152170	45.993	26.115	5A
TARNAVENI	151650	46.36	24.226	5A
TEBEA	152060	46.169	22.726	5A
TECUCI	152650	45.842	27.409	5A
TIMISOARA	152470	45.771	21.258	4A
TITU	154190	44.653	25.579	4A
TOPLITA	151070	46.926	25.36	6A
TULCEA CATALOI	153350	45.191	28.824	4A
TURDA	151430	46.583	23.791	5A
TURNU-MAGURELE	154900	43.76	24.878	4A
URZICENI	154020	44.722	26.657	4A
VARADIA DE MURES	152040	46.019	22.151	5A
VARFU OMU	152800	45.446	25.456	8
VASLUI	151540	46.646	27.714	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
VLADEASA 1800	151190	46.759	22.794	7
ZALAU	150630	47.195	23.047	4A
ZIMNICEA	154980	43.661	25.354	4A
Russian Federation (RUS)				
ABAKAN	287854	53.74	91.385	7
ACHINSK	294670	56.283	90.517	7
AGATA	233830	66.926	93.493	8
AGINSKOE	308590	51.1	114.517	7
AGINSKOYE	296760	55.27	94.9	7
AGZU	318250	47.596	138.389	7
AKSENOVO-ZILOVSKOE	306690	53.067	117.483	8
AKSHA	309570	50.267	113.267	7
AKYAR	350370	51.873	58.223	7
ALATYR	276790	54.817	46.583	7
ALDAN	310040	58.617	125.367	8
ALEKSANDROV-GAJ	343910	50.15	48.55	6A
ALEKSANDROVSK-SAKHALINSKIY	320610	50.9	142.167	7
ALEKSANDROVSKIY ZAVOD	309710	50.917	117.933	8
ALEKSANDROVSKOE	239550	60.433	77.867	8
ALEYSK	299370	52.517	82.767	7
AMDERMA	230220	69.75	61.7	8
AMGA	249620	60.9	131.983	8
AMGUN'	314840	51.417	135.083	7
ANABAR	216080	73.217	113.5	8
ANAPA VITYAZEVO	370010	45.002	37.347	4A
ANTIPAYUTA	230580	69.104	76.858	8
ANUCHINO	319810	43.967	133.067	7
APATITY	222130	67.551	33.362	7
APUKA	259560	60.443	169.608	8
ARKA	249880	60.083	142.333	8
ARKHANGELSK TALAGI	225500	64.504	40.728	7
ARKHARA	315940	49.417	130.083	7
ARMAVIR	370310	44.983	41.117	4A
ARTYOMOVSK	297720	54.347	93.435	7
ASTRAKHAN	348800	46.283	47.983	5B
ASTRAKHANKA	319210	44.717	132.073	7
ASZKINO	285220	56.11	56.574	7
ATKA	259020	60.85	151.767	8
AYAN	311680	56.461	138.17	8
AYON	250420	69.935	167.989	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BABAYEVO	270080	59.404	35.911	7
BABUSHKIN	308220	51.708	105.852	7
BAGDARIN	305540	54.442	113.581	8
BAKALY	286150	55.183	53.79	7
BAKCHAR	293280	57.008	82.06	7
BAKHTA	237760	62.463	89.005	8
BALAGANSK	306120	54	103.067	8
BALASHOV	341520	51.55	43.15	6A
BARABINSK	296120	55.355	78.308	7
BARGUZIN	306360	53.617	109.633	8
BARNAUL	298380	53.364	83.539	7
BATAMAY	246560	63.522	129.422	8
BAYANDAY	306270	53.1	105.533	8
BAYEVO	298270	53.278	80.775	7
BAYKIT	238910	61.68	96.363	8
BEGISHEVO	276070	55.565	52.093	7
BELOGORSK	315130	50.917	128.467	7
BELOZERSK	229390	60.02	37.759	7
BELY	265850	55.833	32.933	6A
BEREZOVO	236310	63.933	65.05	8
BERINGOVSKY	256770	63.026	179.295	8
BESTYAHSKAYA ZVEROFERMA	244490	65.3	124.166	8
BEYA	299620	53.05	90.917	7
BEZHETSK	272170	57.8	36.7	7
BIKIN	318320	46.8	134.267	7
BIROBIDZHAN	317130	48.733	132.95	7
BIRSK	286210	55.405	55.552	7
BLAGOVESHCHENSK	315100	50.28	127.478	7
BODAYBO	302530	57.865	114.239	8
BOGORODITSKOE-FENINO	341100	51.167	37.35	6A
BOGORODSKOYE	314390	52.373	140.433	7
BOGOTOL	295530	56.229	89.553	7
BOGUCHANY	292820	58.384	97.451	8
BOGUCHAR	343360	49.933	40.567	5A
BOL'SHAYA MURTA	294710	56.895	93.165	7
BOL'SHERECHYE	285930	56.094	74.61	7
BOL'SHIYE UKI	284910	56.933	72.667	7
BOL'SHOY SHANTAR	311740	54.862	137.497	8
BOLOGOYE	262980	57.883	34.033	6A
BOMNAK	312530	54.712	128.856	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BOR	238840	61.581	90.033	8
BORZYA	309650	50.4	116.517	8
BOSTOVO CHEREPOVETS	271130	59.283	38.026	7
BRATOLYUBOVKA	315210	50.786	129.427	7
BRATSK	303090	56.371	101.698	7
BROHOVO	259270	59.638	154.303	8
BRYANSK	268980	53.25	34.317	6A
BUDYONNOVSK	370610	44.783	44.133	5A
BUGULMA	287110	54.633	52.8	7
BUHTA AMBARCHIK	250340	69.624	162.298	8
BURUKAN	313480	53.05	136.033	8
BUY	272420	58.483	41.533	7
BUYAGA	310110	59.646	127.122	8
BUZULUK	289090	52.809	52.228	6A
CHAINGDA	247390	62.283	119.85	8
CHANTYRYA	239290	60.322	64.216	7
CHANY	296020	55.317	76.745	7
CHARA	303720	56.9	118.267	8
CHARKOV	298640	53.717	90.367	7
CHEBOKSARY	275810	56.083	47.333	7
CHEKUNDA	315320	50.865	132.258	8
CHELYABINSK GOROD	286450	55.15	61.3	7
CHELYABINSK MEZHDUNARODNYY	286420	55.306	61.503	7
CHEMAL	360580	51.388	86.021	6A
CHEMURNAUT	259410	60.733	163.017	8
CHERDYN	239140	60.4	56.517	7
CHERLAK	287990	54.167	74.8	7
CHERNUSHKA	284280	56.5	56.133	7
CHERNYAEVO	313710	52.79	126.003	8
CHERNYSHEVSKY	247240	63.017	112.434	8
CHERSKY	251230	68.745	161.338	8
CHERVYANKA	293930	57.654	99.542	8
CHITA KADALA	307580	52.026	113.306	7
CHOKURDAKH	219460	70.617	147.883	8
CHUGUYEVKA	319390	44.15	133.867	7
CHULMAN NERYUNGRI	303930	56.914	124.912	8
CHULYM	296250	55.1	80.967	7
CHUMPURUK	245380	64.233	116.917	8
CHURAPCHA	247680	62.033	132.6	8
CHYULBYU	311230	57.816	130.9	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
DALNERECHENSK	318730	45.88	133.725	7
DEM'YANSKOYE	280760	59.592	69.344	7
DIKIMYDA	300890	61.95	126.617	8
DIVNOYE	348580	45.917	43.35	5A
DOROZHNY	248260	61.446	114.361	8
DUDINKA	230740	69.4	86.167	8
DUKI	314820	51.717	135.933	8
DUVAN	285370	55.716	57.899	7
DZALINDA	219080	70.133	113.967	8
DZERZHINSKOYE	294810	56.828	95.232	7
DZHALINDA	306950	53.472	123.907	8
DZHARDZHAN	241430	68.735	124.021	8
EGVEKINOT	253780	66.358	-179.113	8
EKIMCHAN	313290	53.075	132.951	8
ELATMA	276480	54.972	41.746	6A
ERZIN	363070	50.258	95.171	8
EVENSK	258200	61.917	159.217	8
GAJNY	239090	60.288	54.334	7
GAR	313840	52.567	129.067	8
GARI	280490	59.433	62.333	7
GDOV	261570	58.733	27.833	6A
GLAZOV	282140	58.133	52.583	7
GMO IM E T KRENKELJA	200460	80.626	58.059	8
GMO IM.E.K. FEDOROVA	202920	77.713	104.292	8
GORIN	314890	51.193	136.65	7
GORYACHINSK	307310	52.986	108.291	7
GRIDINO	224220	65.9	34.767	7
GROSSEVICHI	318230	47.971	139.535	7
GROZNY	372350	43.25	45.717	5A
GUGA	314210	52.7	137.533	8
GVASYUGI	318010	47.67	136.184	7
ICHA	324110	55.614	155.613	7
IDRINSKOYE	297660	54.365	92.15	7
IGARKA	232740	67.442	86.605	8
IGNASHINO	306860	53.467	122.4	8
IGNAT'YEVO	313289	50.425	127.412	7
IKA	300280	59.311	106.347	8
IKEY	305070	54.183	100.083	8
IL'INSKOYE	321210	47.987	142.205	7
ILIRNEY	252480	67.256	167.962	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
IM E K FEDOROVA	209460	70.447	59.091	8
IM M V POPOVA	206670	73.333	70.066	8
IM POLINY OSIPENKO	314160	52.421	136.48	8
IM YU A HABAROVA	217210	72.4	126.35	8
INDIGA	222920	67.689	48.684	8
INGA	307030	52.971	101.959	8
IRBEYSKOYE	295870	55.664	95.498	7
IRKUTSK	307100	52.272	104.308	7
ISHIM	285730	56.1	69.433	7
ISILKUL	286880	54.937	71.27	7
ISIT	249510	60.817	125.317	8
IVDEL'	239210	60.683	60.45	7
IZHEVSK	284110	56.833	53.45	7
IZVESTIJ TSIK	204710	75.952	82.946	8
KACHUG	306220	53.967	105.9	8
KALACH	342470	50.417	41.05	6A
KALACHINSK	286960	55.019	74.612	7
KALAKAN	304690	55.117	116.767	8
KALEVALA	224080	65.217	31.15	7
KALUGA	277030	54.55	36.367	6A
KAMEN-NA-OBI	298220	53.819	81.277	7
KAMENSKOYE	257450	62.467	166.213	8
KAMYSHIN	343630	50.083	45.367	6A
KAMYSHLOV	284510	56.85	62.717	7
KANDALAKSHA	222170	67.169	32.354	7
KANIN NOS	221650	68.655	43.288	7
KANSK	295810	56.202	95.648	7
KARASUK	298140	53.734	78.014	7
KARGASOK	291220	59.065	80.832	7
KARGOPOL'	228450	61.507	38.935	7
KAYLASTUY	309780	49.833	118.383	7
KAZACHINSK	303370	56.28	107.568	8
KAZAN	275950	55.74	49.204	7
KAZYR	298760	53.686	94.204	7
KEDON	256210	64	158.917	8
KELLOG	237740	62.489	86.281	8
KEM	225220	64.95	34.65	7
KEM PORT	225200	64.983	34.8	7
KEMCHUG	295620	56.094	91.717	7
KEMEROVO	296420	55.27	86.107	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KEMEROVO NOVOSTROYKA	296450	55.25	86.217	7
KESTEN'GA	224030	65.883	31.833	7
KHABAROVSK	317350	48.528	135.188	7
KHADAMA	298920	53.95	98.817	8
KHALYASAVEY	236560	63.384	78.324	8
KHAMAR-DABAN	308150	51.53	103.589	8
KHANTY-MANSIYSK	239330	61.028	69.118	7
KHATANGA	208910	71.977	102.466	8
KHEYDZHAN	310830	59.967	144.783	8
KHILOK	308440	51.367	110.467	8
KHOLM	263780	57.15	31.183	6A
KHOLMSK	321280	47.05	142.05	6A
KHOMUTOVO	321500	46.889	142.718	7
KHONUU	243820	66.45	143.233	8
KHORINSK	307390	52.167	109.785	8
KHOSEDA-KHARDSKY	232190	67.033	59.4	8
KHRABROVO	267020	54.89	20.593	5A
KHUZIR	306370	53.19	107.33	7
KHYAGT	309250	50.364	106.452	7
KIGILYAH	216360	73.336	139.869	8
KINGISEPP	260590	59.367	28.601	6A
KIRENSK	302300	57.773	108.059	8
KIROV	271990	58.567	49.567	7
KIROVSKII	318780	45.1	133.5	7
KIRS	280090	59.35	52.25	7
KISLOKAN	246060	63.59	103.95	8
KLYUCHI ALTAI	360210	52.263	79.199	7
KLYUCHI KAMCHATKA	323890	56.317	160.833	7
KOCHKI	297240	54.336	80.472	7
KOCHUBEY	370850	44.4	46.55	4B
KOGALYM	237480	62.197	74.539	8
KOLBA	296750	55.123	93.384	7
KOLPASHEVO	292310	58.323	82.928	7
KOLYMSKOYE	251210	68.729	158.704	8
KOLYVAN'	296310	55.322	82.739	7
KOMMUNAR	297590	54.333	89.283	7
KOMSOMOLSK-ON-AMUR	315610	50.533	137.033	7
KORF	259540	60.376	166.024	8
KORKODON	255030	64.75	153.967	8
KOSH-AGACH	362590	50.009	88.672	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KOSLAN	226950	63.474	48.845	7
KOTELNIKOVO	346550	47.633	43.15	5A
KOTLAS	228870	61.239	46.695	7
KOYNAS	225830	64.75	47.65	7
KOZ'MODEM'YANSK	274790	56.333	46.583	6A
KRASNODAR	349290	45.033	39.15	4A
KRASNOSELKUPSKY	234650	65.707	82.455	8
KRASNOSHCHELYE	222350	67.35	37.053	7
KRASNOUFIMSK	284340	56.65	57.783	7
KRASNOYARSK	295740	56	92.883	7
KRASNOYARSK INTL	284935	56.179	92.472	7
KRASNOYARSK MININO	295700	56.067	92.733	7
KRASNOZERSKOE	298130	53.989	79.253	7
KRASNYE BAKI	273690	57.133	45.167	7
KRASNYY CHIKOY	309350	50.367	108.75	8
KRASNYY YAR	318450	46.54	135.336	7
KRESHCHENSKOYE	295240	55.859	80.061	7
KUDYMKAR	281160	59.017	54.65	7
KUPINO	297060	54.387	77.308	7
KUR	316320	49.933	134.633	7
KURGAN	286610	55.456	65.401	7
KURSK	340090	51.767	36.167	6A
KUZ' MOVKA	237880	62.315	92.113	8
KYRA	309490	49.567	111.967	7
KYSHTOVKA	294050	56.601	76.561	7
KYUSYUR	219210	70.683	127.4	8
KYZYL	360960	51.717	94.5	8
LAKE TAYMYR	205940	74.5	102.5	8
LARYAK	238670	61.1	80.25	8
LENSK	249230	60.725	114.836	8
LEUSHI	280640	59.633	65.717	7
LOKSHAK	312630	54.733	130.45	8
LOVOZERO	221270	68.004	35.031	7
LUKOYANOV	276650	55.033	44.5	7
LYUBAN	260780	59.35	31.233	6A
MACHA	300740	59.904	117.588	8
MAGADAN SOKOL	259130	59.911	150.72	8
MAGDAGACHI	312950	53.467	125.817	8
MAGNITOGORSK	288380	53.35	59.083	7
MAGNITOGORSK AP	232215	53.393	58.756	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
MAKHACHKALA	374720	43	47.5	4B
MAKHACHKALA MEZHDUNARODNYY	377352	42.817	47.652	4B
MAKSATIKHA	272080	57.8	35.883	6A
MAKUSHINO	286660	55.25	67.3	7
MALYE KARMAKULY	207440	72.373	52.717	8
MAMA	301570	58.313	112.89	8
MAMAKAN	302520	57.817	114.016	8
MARIINSK	295510	56.183	87.683	7
MARKOVO	255510	64.674	170.428	8
MASLYANINO	297360	54.336	84.208	7
MATUA	322070	48.051	153.255	7
MAYKOP	370210	44.617	40.083	4A
MAYSK	292090	57.811	77.217	7
MEDVEZHYEGORSK	227210	62.917	34.433	7
MELEUZ	289250	52.93	55.917	7
MEZEN	224710	65.873	44.208	7
MGMS IM GF USHAKOVA	200870	79.551	90.572	8
MINERALNYE VODY	370540	44.225	43.082	5A
MINUSINSK	298660	53.717	91.7	7
MIRNY	247260	62.535	114.039	8
MOGOCHA	306730	53.75	119.733	8
MOLCHANOVO	293320	57.576	83.76	7
MONCHEGORSK	222120	67.942	32.924	7
MONDY	308020	51.683	100.983	8
MOROZOVSK	345450	48.35	41.867	5A
MORRASALE	230320	69.714	66.814	8
MOSKOVA DOMODEDOVO	370008	55.409	37.906	6A
MOSKVA SHEREMETYEVO	275155	55.973	37.415	6A
MOSKVA VDNH	276120	55.831	37.622	6A
MOSKVA VNUKOVO	275185	55.592	37.261	6A
MOZDOK	371450	43.733	44.667	5A
MUGUR-AKSY	362780	50.382	90.434	8
MURMANSK	221130	68.956	33.043	7
MUZHI	234260	65.404	64.703	8
MYS ABRAMOVSKIY	223650	66.409	43.267	7
MYS BILLINGS	250620	69.877	175.755	8
MYS BYKOV	218210	72.004	129.118	8
MYS KAMENNYJ	231460	68.5	73.583	8
MYS LOPATKA	322130	50.873	156.666	7
MYS MAYACHNNY	325830	52.889	158.707	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
MYS MENSHIKOVA	209430	70.719	57.563	8
MYS MIKULKIN	222820	67.8	46.667	7
MYS SHALAUROVA	216470	73.183	143.233	8
MYS SHMIDTA	251730	68.9	-179.633	8
MYS STERLEGOVA	204760	75.404	88.911	8
MYS TERPENIYA	320990	48.647	144.744	7
MYS UELEN	253990	66.162	-169.833	8
MYS VASIL'YEVA	322170	50.004	155.391	7
MYS ZHELANIYA	203530	76.951	68.545	8
MYS ZOLOTOY	318290	47.319	138.99	7
NADYM	234450	65.48	72.689	8
NAGORNY	304930	55.948	124.915	8
NALCHIK	372120	43.513	43.637	5A
NAPAS	290230	59.85	81.95	8
NARYAN-MAR	232050	67.625	53.017	8
NAZIMOVO	290680	59.513	90.928	8
NAZYVAEVSK	285880	55.567	71.367	7
NEL' KAN	311520	57.65	136.15	8
NENASTNAYA PRIISKOVOYE	297520	54.658	88.68	8
NERCHINSKIY ZAVOD	308790	51.317	119.617	8
NIKEL	220040	69.41	30.209	7
NIKOLAYEVSK-ON-AMUR	313690	53.148	140.694	8
NIKOLO-POLOMA	272520	58.35	43.383	7
NIKOLSK	270660	59.534	45.461	7
NIKOLSKOYE	326180	55.193	165.983	7
NIZHNEANGARSK	304330	55.791	109.581	8
NIZHNEUDINSK	296980	54.883	99.033	7
NIZHNEUSINSKOYE	360910	52.257	93.013	8
NIZHNEVARTOVSK	234710	60.949	76.484	8
NIZHNY NOVGOROD STRIGINO	275530	56.23	43.784	6A
NIZHNY TAGIL	282400	57.883	60.067	7
NOGLIKI	320530	51.784	143.138	7
NOLINSK	273930	57.55	49.95	7
NORILSK	230780	69.348	88.26	8
NORILSK AP	319811	69.311	87.332	8
NORSK	313880	52.334	129.9	8
NOVOBIRILYUSSY	293670	56.97	90.683	7
NOVOKUZNETSK	298460	53.817	86.883	7
NOVOSELENGINSK	308290	51.102	106.642	7
NOVOSIBIRSK OGOURTSOVO	296380	54.911	82.957	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NOVOSIBIRSK TOLMACHEVO	296340	55.013	82.651	7
NOVY PORT	232420	67.688	72.884	8
NOVY URENGOY	233580	66.074	76.501	8
NOVYY VASYUGAN	292030	58.582	76.51	7
NOZHOVKA	283190	57.083	54.75	7
NYAKSIMVOL	237240	62.433	60.867	8
NYANDOMA	228540	61.679	40.195	7
NYDA	233450	66.624	72.896	8
NYURBA	246390	63.3	118.353	8
OB'YACHEVO	229960	60.329	49.636	7
OBLUCHYE	317020	49.025	131.049	7
ODESSKOYE	287970	54.2	72.967	7
OKHA	320100	53.518	142.88	7
OKHANSK	283210	57.717	55.383	7
OKHOTSK	310880	59.364	143.208	8
OKHOTSKIY-PEREVOZ	248710	61.877	135.529	8
OKTYABR'SKIY GORODOK	341630	51.633	45.45	6A
OKTYABR'SKOE	237340	62.45	66.05	8
OKUNEV NOS	233050	66.257	52.564	7
OLEN'YA RECHKA	299740	52.805	93.241	8
OLENYOK	241250	68.5	112.433	8
OLOVYANNAYA	309610	50.95	115.583	7
OLYOKMINSK	249440	60.4	120.417	8
OMOLON	254280	65.24	160.542	8
OMSK	286980	55.017	73.383	7
ONEGA	226410	63.909	38.123	7
ONGUDAY	362310	50.746	86.142	7
OPARINO	270830	59.85	48.283	7
ORDYNSKOYE	297260	54.365	81.884	7
ORENBURG	351210	51.693	55.078	7
ORLINGA	303280	56.05	105.833	8
ORSK	351380	51.067	58.6	7
ORYOL	279060	52.932	36.019	6A
OSTASKOV	263890	57.133	33.117	6A
OSTROV ANDREYA	213010	76.779	110.787	8
OSTROV CHETYREHSTOLBOVOY	219650	70.633	162.483	8
OSTROV DIKSON	206740	73.514	80.406	8
OSTROV KOTEL'NYJ	214320	76	137.867	8
OSTROV PREOBRAZENIJ	215040	74.667	112.933	8
OSTROV UEDINENIJA	202740	77.511	82.233	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
OSTROV VIZE	200690	79.491	76.981	8
OSTROV VRANGELYA	219820	70.983	-178.65	8
OSTROV ZHOKHOVA	213580	76.15	152.833	8
OSTROVNOE	251380	68.112	164.173	8
OZERNOVSKIY	325940	51.495	156.504	7
PADANY	226190	63.267	33.41	7
PARTIZANSK	319870	43.13	133.109	6A
PAVELETS	278230	53.784	39.238	6A
PECHORA	234180	65.126	57.135	8
PENZA	279620	53.123	45.019	6A
PERM	282240	57.992	56.336	7
PERM BOLSHOYE SAVINO	282250	57.915	56.021	7
PERVOMAYSKOYE	293480	57.075	86.237	7
PETROPAVLOVSK-KAMCHATSKY	325400	53.083	158.583	7
PETROVSKIY ZAVOD	308380	51.317	108.867	8
PETROZAVODSK	228200	61.816	34.255	7
PETRUN'	233240	66.471	60.754	8
PIKHTOVKA	295340	55.983	82.7	7
PIL'VO	320690	50.046	142.173	7
PINEGA	225630	64.7	43.383	7
PIROVSKOYE	293630	57.631	92.271	7
PITLYAR	234310	65.841	65.912	8
POGIBI	320270	52.225	141.647	8
POGRANICHNOYE	320760	50.4	143.767	7
POGRANICHNY	319150	44.4	131.383	7
POKROVSK	248560	61.483	129.15	8
POLTAVKA	287860	54.356	71.766	7
POLTAVKA PRIMORSKY	319170	44.026	131.325	7
POLYARNY	243220	66.4	112.03	8
PORETSKOYE	276750	55.183	46.333	6A
PORONAYSK	320980	49.217	143.1	7
POS'ET	319690	42.651	130.804	6A
POTAPOVO	231740	68.681	86.273	8
POYARKOVO	315870	49.617	128.65	7
PREOBRAZHENIYE	319890	42.901	133.892	6A
PREOBRAZHENKA	249180	60.05	108.083	8
PRIARGUNSK	309750	50.333	119.067	8
PRIMORSKO-AKHTARSK	348240	46.033	38.15	4A
PRONCHISHCHEVOY	214050	75.533	113.517	8
PROVIDENIYA BAY	255940	64.378	-173.243	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
PSKOV	262580	57.817	28.333	6A
PUDINO	293130	57.563	79.429	7
PUDOZH	228310	61.821	36.578	7
PUSHKINSKIYE GORY	263590	57.017	28.9	6A
PYALITSA	223490	66.189	39.524	7
RA-IZ	233310	66.852	65.299	8
REBOLY	226020	63.833	30.817	7
REBRIKHA	299230	53.082	82.338	7
REMONTNOYE	347590	46.567	43.667	5A
RETYUN'	261670	58.567	29.8	6A
RODINO	360200	52.486	80.183	7
ROMANOVKA	306500	53.2	112.783	8
ROSLAVL	268820	53.933	32.833	6A
ROSTOV	273290	57.2	39.417	7
ROSTOV-ON-DON	347300	47.258	39.818	5A
RUBTSOVSK	360340	51.576	81.199	7
RUDNAYA PRISTAN	319590	44.369	135.834	7
RUSSKAYA GAVAN	203570	76.189	62.597	8
RYAZAN	277300	54.651	39.588	6A
RYAZHSK	278350	53.717	40.117	6A
RYBINSK	272250	58.1	38.683	7
RZHEV	264980	56.267	34.317	6A
SAKHUNYA	273730	57.667	46.633	7
SALEKHARD	233300	66.532	66.674	8
SAMARA OGMS	289000	53.248	50.207	6A
SAMARA SMYSHLYAEVKA	288070	53.25	50.45	6A
SANGAR	246520	63.959	127.421	8
SANNIKOVA	215350	74.667	138.9	8
SARANPAUL'	235270	64.253	60.931	8
SARAPUL	284180	56.467	53.733	7
SARATOV TSENTRALNY	341720	51.566	46.039	6A
SARGATSKOE	285980	55.6	73.483	7
SARYA	272710	58.367	45.533	7
SARYG-SEP	361040	51.479	95.578	8
SASKYLAKH	218020	71.967	114.083	8
SEGEN-KYUEL'	246610	64	130.3	8
SEGEZHA	226210	63.759	34.286	7
SEKTAGLI	315340	50.433	131.017	8
SELEMDZA	313380	53.133	133.967	8
SELO YARTSEVO	239870	60.253	90.202	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
SEMYACHIK	325090	54.082	159.985	7
SERAFIMOVICH	343570	49.567	42.733	5A
SEROV	280440	59.6	60.533	7
SEVERNOYE	294180	56.338	78.358	7
SEVERO-KURILSK	322150	50.666	156.119	7
SEVERO-YENISEYSKIY	239860	60.374	93.017	8
SEVERODVINSK	225460	64.555	39.766	7
SEYAHA	209670	70.17	72.514	8
SEYMCHAN	257030	62.921	152.414	8
SHADRINSK	285520	56.067	63.65	7
SHALINSKOYE	295780	55.717	93.746	7
SHAMARY	283340	57.35	58.217	7
SHARYPOV	295580	55.534	89.205	7
SHELAGONTSY	243290	66.25	114.283	8
SHELIKHOVA	259220	60.717	155.883	8
SHENKURSK	227680	62.114	42.89	7
SHERBAKUL'	287910	54.633	72.433	7
SHILKA	308620	51.867	116.033	7
SHIMANOVSK	314420	51.987	127.653	8
SHIRA	297560	54.5	89.933	7
SHOYNA	222710	67.877	44.174	7
SHUMIKHA	286550	55.233	63.317	7
SIMUSIR	321950	46.85	151.867	7
SKOVORODINO	306920	54	123.967	8
SLAVGOROD	299150	52.967	78.65	7
SMIDOVICH	317250	48.617	133.833	7
SMOLENSK	267810	54.749	32.065	6A
SNEZHNOGORSK	231790	68.1	87.767	8
SOCHI	371710	43.45	39.957	3A
SOFIYSK	314780	52.257	133.996	8
SOGO-HAYA	245570	64.283	126.45	8
SOLNETHNAYA	305370	54.03	108.255	7
SOLOV'YEVSK	309670	49.9	115.75	7
SOPOCHNAYA KARGA	208710	71.875	82.706	8
SOROCHINSK	350110	52.433	53.133	6A
SORTAVALA	228020	61.714	30.713	7
SOSNOVO-OZERSKOYE	307450	52.538	111.558	8
SOSUNOVO	318660	46.546	138.338	7
SOSVA	236250	63.65	62.1	8
SOVETSKAYA GAVAN	317700	49	140.3	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
SREDNEKOLYMSK	252060	67.468	153.722	8
SREDNY VASYUGAN	291110	59.217	78.233	7
SRETENSK	307770	52.233	117.7	8
ST PETERSBURG PULKOVO	260630	59.8	30.263	6A
STARAYA RUSSA	262750	58.017	31.317	6A
STARITSA	264990	56.5	34.933	6A
STAVROPOL	349490	45.108	42.1	5A
STEPANOVKA	291490	58.64	86.73	7
STERLITAMAK	288250	53.604	55.933	7
STRELKA	292740	58.091	93.162	7
SUKHAYA	307260	52.552	107.106	7
SUKHINICHI	277070	54.1	35.35	6A
SUKHOBUZIMSKOYE	294770	56.497	93.264	7
SUNTAR	247380	62.15	117.65	8
SURA	226760	63.583	45.633	7
SURGUT	238490	61.342	73.422	8
SUSUMAN	247900	62.783	148.167	8
SVETLOGRAD	349540	45.35	42.85	5A
SVETLOLOBOVO	296640	55.089	90.849	7
SVOBODNY	314450	51.456	128.107	7
SYKTYVKAR	238040	61.677	50.785	7
SYM	239750	60.347	88.364	8
SYTOMINO	238470	61.302	71.302	8
SYZRAN	279830	53.183	48.4	6A
TADEBYAYAKHA	209640	70.35	74.133	8
TAMBEY	208640	71.483	71.817	8
TAMBOV	279470	52.8	41.333	6A
TANGUY	304050	55.383	101.033	7
TANKHOY	308240	51.555	105.113	7
TARA	284930	56.9	74.383	7
TARKO-SALE	235520	64.911	77.771	8
TASEYEVO	293790	57.178	94.897	8
TASHTYP	299560	52.8	89.904	7
TATARSK	296050	55.224	76.019	7
TAUROVO	280970	59.586	73.289	7
TAYSHET	295940	55.95	98.011	7
TAZOVSKY	232560	67.467	78.733	8
TEGYULTYA	249670	60.467	130	8
TEPLY KLYUCH	247710	62.789	136.853	8
TERIBERKA	220280	69.202	35.107	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
TERNEY	319090	45.057	136.607	7
TEVRIZ	283830	57.517	72.4	7
TIKHORETSK	348380	45.85	40.083	4A
TIKHVIN	260940	59.65	33.55	7
TIKSI	218240	71.583	128.917	8
TIMIRYAZEVSKIY	319610	43.857	131.953	7
TISUL'	295570	55.752	88.298	7
TIVYAKU	317540	48.6	137.05	8
TOBOLSK	282750	58.15	68.25	7
TOGUCHIN	296360	55.225	84.386	7
TOKKO	311370	56.283	131.133	8
TOKMA	301270	58.252	105.856	8
TOL'KA	236620	63.994	82.047	8
TOMMOT	310050	58.967	126.267	8
TOMPO	246710	63.95	135.867	8
TOMPUDA	304390	55.117	109.75	8
TOMSK	294300	56.5	84.917	7
TONGULAH	248430	61.917	124.55	8
TOORA-KHEM	361030	52.47	96.119	8
TOTMA	270510	59.981	42.769	7
TROITSK	287480	54.083	61.617	7
TROITSKO-PECHORSK	237110	62.732	56.193	7
TROITSKOYE	316550	49.45	136.567	7
TRUBCHEVSK	269970	52.583	33.767	6A
TSELINA	347470	46.55	41.05	5A
TSENTRAL'NYY RUDNIK	296540	55.206	87.642	7
TUAPSE	370180	44.1	39.067	3A
TULA	277190	54.233	37.614	6A
TULUN	305040	54.562	100.579	7
TUMNIN	316830	49.671	140.101	7
TUNGOKOCHEN	306640	53.533	115.617	8
TUNKA	308110	51.733	102.533	8
TURA	245070	64.271	100.217	8
TURAN	360920	52.145	93.916	8
TURINSK	282550	58.05	63.683	7
TUROCHAK	360610	52.25	87.127	7
TURUKHANSK	234720	65.794	87.989	8
TUTONCHANY	235890	64.208	93.793	8
TVER	274020	56.83	35.752	6A
TYNDA	304990	55.154	124.726	8

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
TYRKA	305260	54.508	107.138	8
TYRMA	315380	50.046	132.177	8
TYUKALINSK	285860	55.867	72.217	7
TYUKHTET	294560	56.536	89.317	7
TYUMEN	283670	57.117	65.433	7
TYUMEN ROSCHINO	232204	57.19	65.324	7
TYUMYATI	218130	71.917	123.567	8
UAKIT	304550	55.486	113.619	8
UDSKOYE	312850	54.507	134.408	8
UEGA	249820	60.717	142.783	8
UFA	287220	54.711	55.814	7
UGINO	310160	58.633	128.5	8
UGOLNYE KOPI	255630	64.735	177.741	8
UGUT	239460	60.5	74.017	8
UKHTA	236060	63.575	53.806	7
UL' YA	310870	58.833	141.85	8
ULAN-UDE BAIKAL	308230	51.808	107.438	7
ULETY	308460	51.35	112.467	7
ULYANOVSK	277850	54.276	48.243	7
ULYANOVSK VOSTOCHNY	279621	54.401	48.803	6A
UMBA	223240	66.681	34.35	7
UNAHA	311990	55.033	126.8	8
URMI	316240	49.4	133.233	7
URUP	321860	46.2	150.5	7
URYUPINO	307810	52.75	120.033	8
URYUPINSK	342400	50.8	42	6A
UST'- KOKSA	362290	50.272	85.62	7
UST'-ISHIM	283820	57.683	71.183	7
UST'-KAMO	239920	60.73	97.518	8
UST'-KULOM	238030	61.699	53.695	7
UST'-NYUKZHA	303850	56.56	121.591	8
UST'-UDA	305140	54.167	103.017	8
UST'-UMAL'TA	314740	51.634	133.26	8
UST'-USA KOMI	234120	65.984	56.906	8
UST'-USA KRASNOYARSK	360830	52.057	92.139	7
UST'-VOYAMPOLKA	322520	58.51	159.175	8
UST- KHAIRYUZOVO	322870	57.095	156.738	7
UST-BARGUZIN	306350	53.417	109.017	8
UST-ILIMSK	301170	58.03	102.72	8
UST-KAMCHATSKY	324080	56.237	162.692	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
UST-KUT	303200	56.857	105.73	8
UST-MAYA	249660	60.365	134.451	8
UST-MIL	310410	59.639	133.111	8
UST-OLENEK	217110	73	119.867	8
UST-OLOY	253250	66.55	159.417	8
UST-ORDYNSKY	307130	52.817	104.767	8
UST-SREDNEKAN	257050	62.444	152.321	8
UST-TSILMA	234050	65.439	52.197	8
UST-YUDOMA	310540	59.183	135.15	8
USUGLI	307640	52.654	115.259	8
UYAR	295760	55.819	94.314	7
UZHUR	296530	55.3	89.817	7
VAL' KARKAY	219780	70.084	170.925	8
VANAVARA	249080	60.352	102.301	8
VANZHILKYNAK	239660	60.35	84.083	8
VEL'MO	239820	61.017	93.428	8
VELIKIYE LUKI	264770	56.35	30.617	6A
VELSK	228670	61.069	42.069	7
VERESHCHAGINO KRASNOYARSK	235780	64.236	87.573	8
VERESHCHAGINO PERM KRAI	282160	58.083	54.683	7
VERHNEE PENZINO	255380	64.217	164.233	8
VERHNYAYA TOM	314590	51.35	130.433	8
VERHNYAYA TOYMA	227780	62.241	45.013	7
VERHOJANSK PEREVOZ	246680	63.317	132.017	8
VERKHNEIMBATSK	236780	63.156	87.967	8
VERKHNETULOMSKIY	221060	68.608	31.804	7
VERKHNIY BASKUNCHAK	345790	48.217	46.733	5B
VERKHNY UFALEY	285410	56.083	60.3	7
VERKHNYAYA GUTARA	297890	54.213	96.969	8
VERKHOTURYE	281440	58.867	60.783	7
VERKHOYANSK	242660	67.565	133.412	8
VESLYANA	237010	62.998	50.898	7
VESYOLAYA GORKA	314180	52.283	135.8	7
VIKULOVO	284810	56.817	70.617	7
VILYUYSK	246410	63.783	121.617	8
VITIM	300540	59.461	112.567	8
VLADIKAVKAZ	372280	43.033	44.683	5A
VLADIMIR	275320	56.117	40.35	6A
VLADIVOSTOK	319600	43.12	131.916	6A
VLADIVOSTOK INTL	319741	43.399	132.148	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
VOLCHIKHA	360220	52.022	80.34	7
VOLGOGRAD GUMRAK	345600	48.783	44.346	5A
VOLOGDA	270370	59.32	39.925	7
VONEGAN	238230	61.956	64.938	8
VORKUTA	232260	67.492	63.975	8
VOROGOVO	239730	61.031	89.614	8
VORONEZH	341230	51.7	39.217	6A
VORONEZH CHERTOVITSKY	341220	51.814	39.23	6A
VOROZHEYKA	292530	58.456	89.469	8
VOSTOCHNAYA	246790	63.217	139.6	8
VOZHEGA	229540	60.479	40.188	7
VYAZ'MA	266950	55.157	34.384	6A
VYBORG	228920	60.717	28.733	6A
VYTEGRA	228370	61.017	36.456	7
YAKUTSK	249590	62.017	129.717	8
YALUTOROVSK	284650	56.683	66.35	7
YANAUL	284190	56.277	54.969	7
YARENSK	227980	62.172	49.109	7
YARKOVO	283660	57.417	67.083	7
YAROL'IN	242190	67.133	108.533	8
YASHKUL'	348660	46.183	45.35	5B
YAYLYU	360640	51.772	87.604	7
YEKATERINBURG KOLTSOVO	284400	56.743	60.803	7
YEKATERINO-NIKOL'SKOYE	317070	47.745	130.97	7
YELABUGA	317330	48.803	135.874	7
YELABUGA TATARSTAN	285060	55.759	52.044	7
YELETS	279280	52.633	38.517	6A
YENISEYSK	292630	58.454	92.204	7
YERBOGACHEN	248170	61.276	108.032	8
YERMAKOVSKOYE	298690	53.27	92.403	7
YEROFEY PAVLOVICH	306830	53.967	121.933	8
YERSHOV	341860	51.367	48.3	6A
YUBILEYNAYA	219310	70.767	136.217	8
YUIL' SK	236350	63.678	69.65	8
YURYEVETS	273550	57.333	43.117	7
YUZHNO-KURILSK	321650	44.023	145.863	6A
ZAMOKTA	307410	52.767	109.967	8
ZAVITINSK	315270	50.117	129.467	7
ZDVINSK	297120	54.717	78.667	7
ZEMETCHINO	278570	53.483	42.633	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ZEYA	313000	53.742	127.276	8
ZHERDEVKA	340470	51.833	41.483	6A
ZHIGALOVO	305210	54.8	105.167	8
ZHIGANSK	243430	66.767	123.4	8
ZHIZHGIN	224380	65.2	36.817	7
ZHURAVLEVKA	319420	44.75	134.467	7
ZILAIR	350260	52.239	57.452	7
ZIMA	306030	53.933	102.05	7
ZMEINOGORSK	360380	51.155	82.172	7
ZONAL'NOYE	299390	52.672	84.929	7
ZVERINOGOLOVSKOYE	287560	54.467	64.867	7
ZYRYANKA	254000	65.747	150.887	8
Rwanda (RWA)				
KIGALI INTL	643870	-1.969	30.139	2A
Saint Helena (SHN)				
ASCENSION	619020	-7.97	-14.405	1B
GOUGH ISLAND	689060	-40.349	-9.88	4A
ST HELENA	619010	-15.942	-5.668	3C
Saint Lucia (LCA)				
HEWANORRA INTL	789480	13.737	-60.952	0A
Saint Pierre and Miquelon (SPM)				
SAINT-PIERRE	718050	46.766	-56.179	6A
Samoa (WSM)				
APIA	917620	-13.815	-171.781	0A
APIA FALEOLO	917590	-13.83	-172.008	0A
APIA WHARF	917560	-13.826	-171.761	0A
Saudi Arabia (SAU)				
ABHA	411120	18.24	42.657	2B
AL AQIQ	410550	20.296	41.634	2B
AL JOUF	403610	29.785	40.1	2B
AL WAJH	404000	26.199	36.476	1B
AL-AHSA	404200	25.285	49.485	0B
ARAR	403570	30.907	41.138	2B
BISHA	410840	19.984	42.621	1B
DAMMAM KING FAHD INTL	404150	26.433	49.8	0B
DHAHARAN KING ABDULAZIZ AB	404160	26.265	50.152	0B
GASSIM	404050	26.3	43.767	1B
GURAYAT	403600	31.412	37.279	2B
HAIL	403940	27.438	41.686	2B
JEDDAH KING ABDULAZIZ INTL	410240	21.68	39.157	0B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
JIZAN	411400	16.896	42.584	0B
KHAMIS MUSHAIT	411140	18.297	42.804	2B
MAKKAH	410300	21.437	39.77	0B
MEDINA PRINCE ABDULAZIZ INTL	404300	24.553	39.705	0B
NAJRAN	411280	17.611	44.419	1B
QAISUMAH	403730	28.335	46.125	1B
RAFHA	403620	29.626	43.491	1B
RIYADH KING KHALED INTL	404370	24.958	46.699	1B
RIYADH KING SALMAN AB	404380	24.722	46.725	0B
SHARORAH	411360	17.467	47.121	0B
TABUK	403750	28.365	36.619	2B
TAIF	410360	21.483	40.544	2B
TURAIF	403560	31.693	38.731	2B
WADI AL DAWASIR	410610	20.504	45.2	0B
YANBU PRINCE ABDULAZIZ	404390	24.144	38.063	0B
Senegal (SEN)				
CAP SKIRRING	616970	12.395	-16.748	0A
DAKAR	616410	14.74	-17.49	1B
KAOLACK	616790	14.147	-16.051	0B
LINGUERE	616270	15.383	-15.117	0B
MATAM	616300	15.63	-13.25	0B
SAINT-LOUIS	616000	16.051	-16.463	0B
TAMBACOUNDA	616870	13.737	-13.653	0B
ZIGUINCHOR	616950	12.556	-16.282	0A
Serbia (SRB)				
BANATSKI KARLOVAC	131800	45.05	21.033	4A
BEOGRAD	132740	44.798	20.465	4A
BEOGRAD BATAJNICA	132725	44.935	20.258	4A
BEOGRAD SURCIN	132720	44.818	20.309	4A
CRNI VRH	132890	44.13	21.964	6A
CUPRIJA	133840	43.933	21.383	4A
DIMITROVGRAD	133970	43.017	22.75	4A
KIKINDA	131740	45.85	20.467	4A
KOPAONIK	133780	43.284	20.802	7
KRAGUJEVAC	132780	44.033	20.933	4A
KRALJEVO	133760	43.7	20.7	4A
KRUSEVAC	133830	43.564	21.34	4A
LESKOVAC	133890	42.983	21.95	4A
LOZNICA	132620	44.55	19.233	4A
NEGOTIN	132950	44.233	22.55	4A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
NIS	133880	43.337	21.854	4A
NOVI SAD RIMSKI SANCEVI	131680	45.333	19.85	4A
PALIC	130670	46.1	19.767	4A
POZEGA UZICKA	133700	43.833	20.033	4A
SJENICA	133690	43.283	20	6A
SMEDEREVSKA PALANKA	132790	44.367	20.95	4A
SOMBOR	131600	45.767	19.15	4A
SREMSKA MITROVICA	132660	45.1	19.55	4A
UZICE-PONIKVE	133766	43.9	19.7	5A
VALJEVO	132690	44.317	19.917	4A
VELIKO GRADISTE	132850	44.75	21.517	4A
VRANJE	134890	42.55	21.917	4A
VRSAC	131830	45.147	21.31	4A
ZLATIBOR	133670	43.733	19.717	5A
ZRENJANIN	131730	45.367	20.417	4A
Seychelles (SYC)				
VICTORIA-SEYCHELLES	639800	-4.674	55.522	0A
Singapore (SGP)				
SINGAPORE CHANGI INTL	486980	1.368	103.983	0A
SINGAPORE PAYA LEBAR	486940	1.36	103.91	0A
SINGAPORE SELETAR	486990	1.417	103.868	0A
Sint Maarten (Dutch part) (SXM)				
PRINCESS JULIANA INTL	788660	18.046	-63.115	0A
Slovakia (SVK)				
BRATISLAVA-LETISKO	118160	48.17	17.207	4A
CHOPOK	119160	48.943	19.589	7
DUDINCE	118800	48.167	18.867	5A
HURBANOVO	118580	47.867	18.2	4A
JASLOVSKE BOHUNICE	118190	48.486	17.664	5A
KAMENICA NAD CIROCHOU	119930	48.933	22	5A
KOSICE	119680	48.663	21.241	5A
LIESEK	119180	49.367	19.683	6A
LOMNICKY STIT	119300	49.195	20.213	8
LUCENEC	119270	48.333	19.733	5A
MILHOSTOV	119780	48.667	21.733	5A
MOCHOVCE	118560	48.289	18.455	4A
NITRA	118550	48.283	18.133	5A
PIESTANY	118260	48.617	17.833	5A
POPRAD-GANOVCE	119520	49.033	20.317	5A
POPRAD-TATRY	119340	49.074	20.241	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
PRIEVIDZA	118670	48.767	18.6	5A
SLIAC	119030	48.65	19.15	5A
STROPKOV TISINEC	119760	49.217	21.65	5A
TELGART	119380	48.85	20.183	6A
ZILINA HRICOV	118410	49.233	18.614	5A
Slovenia (SVN)				
CERKLJE OB KRKI	141220	45.901	15.516	4A
KREDARICA	140080	46.379	13.849	7
LISCA	140240	46.068	15.285	5A
LJUBLJANA BEZIGRAD	140150	46.066	14.512	4A
LJUBLJANA BRNIK	140140	46.218	14.473	5A
MARIBOR SLIVNICA	140260	46.48	15.682	4A
MURSKA SOBOTA	140310	46.652	16.191	4A
NOVA GORICA	141060	45.895	13.624	4A
NOVO MESTO	141210	45.802	15.177	4A
PORTOROZ SECOVLJE	141050	45.475	13.616	3A
SLOVENJ GRADEC	140210	46.49	15.111	5A
Solomon Islands (SLB)				
HONIARA	915170	-9.435	159.954	0A
HONIARA INTL	915200	-9.429	160.047	0A
South Africa (ZAF)				
ALEXANDER BAY	684030	-28.57	16.529	3C
BEAUFORT WEST	687270	-32.347	22.573	3B
BETHLEHEM	684610	-28.25	28.334	3A
BHISHO	687520	-32.894	27.287	3A
BLOEMFONTEIN INTL	684420	-29.104	26.298	3B
BRANDVLEI	685230	-30.465	20.478	3B
CALVINIA	686180	-31.482	19.762	3B
CAPE AGULHAS	689200	-34.826	20.013	3C
CAPE COLUMBINE	687120	-32.828	17.856	3C
CAPE POINT	689160	-34.353	18.489	3C
CAPE TOWN INTL	688160	-33.963	18.602	3C
CAPE TOWN PORTNET	688170	-33.921	18.443	3A
CHARTERS CREEK	684910	-28.198	32.414	2A
CRADOCK	687440	-32.167	25.625	3B
DE AAR	685380	-30.665	23.993	3B
DURBAN	685880	-30.013	30.926	2A
EAST LONDON	688580	-33.036	27.816	3A
ELLIOT	686510	-31.336	27.84	3A
ERMELO	682670	-26.498	29.984	3A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
FORT BEAUFORT	687470	-32.788	26.629	3B
GEORGE	688280	-34.004	22.384	3A
GIANTS CASTLE	685890	-29.265	29.522	3A
GRAAFF-REINET	687370	-32.193	24.543	3B
GRABOUW ELGIN	689250	-34.153	19.03	3C
GRAHAMSTOWN	688490	-33.291	26.503	3A
GRASKOP	682870	-24.935	30.838	3A
GREYTOWN	684870	-29.083	30.603	3A
HERMANUS	689180	-34.432	19.225	3C
HOEDSPRUIT	682910	-24.352	31.049	2B
IXOPO	685750	-30.152	30.075	3A
JOHANNESBURG BOTANICAL	683610	-26.157	27.999	3A
JOHANNESBURG INTL	683680	-26.143	28.235	3A
KIMBERLEY	684380	-28.806	24.77	3B
KING SHAKA INTL	685920	-29.602	31.124	2A
KNYSNA	689350	-34.049	23.081	3A
KOINGNAAS	685130	-30.196	17.29	3C
KROONSTAD	683550	-27.666	27.314	3B
KRUGER MPUMALANGA INTL	682904	-25.388	31.099	2A
LADYSMITH	684790	-28.576	29.75	3A
LAINGSBURG	687230	-33.191	20.863	3B
LAMBERTS BAY NORTIER	686130	-32.035	18.332	3C
LANGEBAANWEG	687140	-32.972	18.158	3B
LANSERIA	682635	-25.939	27.926	3B
LEPHALALE	681550	-23.677	27.705	2B
LICHTENBURG	683410	-26.133	26.164	3B
LYDENBURG	681850	-25.112	30.477	3A
MAFIKENG	682420	-25.804	25.543	3B
MALMESBURY	687150	-33.472	18.718	3A
MARGATE	685910	-30.859	30.343	2A
MARION ISLAND	689940	-46.877	37.859	6A
MIDRAND GRAND CENTRAL	682650	-25.986	28.14	3A
MOKOPANE	682710	-24.197	29.007	2B
MOSSEL BAY	689280	-34.19	22.132	3B
MOUNT EDGECOMBE	685830	-29.707	31.046	2A
MTHATHA	686680	-31.55	28.674	3B
MTUNZINI	684970	-28.95	31.7	2A
NELSPRUIT	682890	-25.503	30.912	3A
NOUPOORT	686330	-31.186	24.96	3B
PATENSIE	688350	-33.765	24.823	3A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
PHALABORWA	681900	-23.937	31.155	2B
PIETERMARITZBURG	685810	-29.628	30.403	3A
POFADDER	684160	-29.124	19.389	2B
POLOKWANE	681740	-23.858	29.452	3B
PORT ALFRED	688430	-33.559	26.881	3A
PORT EDWARD	685870	-31.062	30.221	2A
PORT ELIZABETH INTL	688420	-33.986	25.616	3A
PORT NOLLOTH	684080	-29.25	16.869	3C
PORTERVILLE	687170	-33.013	18.977	3A
POTCHEFSTROOM	683500	-26.736	27.076	3B
PRETORIA EENDRACHT	682620	-25.743	28.186	3A
PRETORIA IRENE	682630	-25.911	28.211	3A
QUEENSTOWN	686470	-31.918	26.878	3B
RIVERSDALE	689260	-34.096	21.252	3B
RUSTENBURG	682550	-25.661	27.232	2B
SLANGKOP	689120	-34.148	18.319	3C
SPRINGBOK	685120	-29.669	17.879	3B
STRUISBAAI	689210	-34.8	20.057	3C
SUTHERLAND	687220	-32.4	20.663	4B
THOHOYANDOU	681830	-23.08	30.384	2A
TZANEEN-WESTFALIA ESTATE	681880	-23.737	30.113	2A
UPINGTON	684240	-28.411	21.264	2B
VAN REENEN	684710	-28.379	29.385	3A
VENTERSDORP	683490	-26.312	26.814	3B
VEREENIGING	683530	-26.57	27.959	3A
VIOOLSDRIF	684110	-28.769	17.623	1B
WELKOM	683450	-27.995	26.666	3B
WILLOWMORE	688320	-33.3	23.484	3B
WITBANK	682730	-25.834	29.193	3A
WORCESTER	688210	-33.664	19.419	3B
South Georgia and the South Sandwich Islands (SGS)				
BIRD ISLAND	889000	-54.009	-38.051	7
GRYTVIKEN	889030	-54.284	-36.496	7
Spain (ESP)				
ALBACETE AP	82800	38.952	-1.863	3B
ALICANTE AP	83600	38.283	-0.571	3B
ALMERIA AP	84870	36.846	-2.357	3B
BADAJOZ AP	83300	38.883	-6.814	3A
BARCELONA AP	81810	41.293	2.07	3A
BILBAO AP	80250	43.298	-2.906	3C

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CACERES	82610	39.471	-6.339	3A
CIUDAD REAL	83480	38.989	-3.92	3B
CORDOBA AP	84100	37.849	-4.847	3A
GIRONA COSTA BRAVA AP	81840	41.912	2.763	3A
GRAN CANARIA	600300	27.932	-15.387	2B
GRANADA AP	84190	37.19	-3.789	3A
IBIZA AP	83730	38.876	1.384	3B
JEREZ AP	84510	36.751	-6.056	3A
LA CORUNA	80010	43.366	-8.421	3C
LA CORUNA AP	80020	43.307	-8.372	3C
LANZAROTE	600400	28.945	-13.605	2B
LEON AP	80550	42.588	-5.651	4C
LOGRONO AGONCILLO AP	80840	42.452	-2.331	3A
MADRID TORREJON AB	82270	40.483	-3.444	4B
MADRID-BARAJAS AP	82210	40.467	-3.556	3B
MALAGA AP	84820	36.666	-4.482	3A
MELILLA	603380	35.28	-2.956	3B
MENORCA AP	83140	39.855	4.216	3A
MORON AB	83970	37.164	-5.611	3A
MURCIA	84300	38.002	-1.171	3B
MURCIA SAN JAVIER AB	84330	37.789	-0.803	3B
OVIEDO	80150	43.353	-5.874	3A
PALMA DE MALLORCA AP	83060	39.561	2.737	3A
PAMPLONA AP	80850	42.777	-1.65	4C
REUS AP	81750	41.15	1.179	3A
ROTA AB	84490	36.639	-6.332	3A
ROZAS AP	80080	43.111	-7.457	4C
SALAMANCA AP	82020	40.96	-5.498	4C
SAN SEBASTIAN IGUELDO	80270	43.306	-2.041	3A
SANTA CRUZ DE TENERIFE	600200	28.463	-16.256	2B
SANTANDER	80230	43.491	-3.801	3C
SANTIAGO DE COMPOSTELA AP	80420	42.888	-8.411	4C
SEVILLA AP	83910	37.417	-5.879	2A
TENERIFE SUR	600250	28.044	-16.572	2B
VALENCIA AP	82840	39.485	-0.475	3B
VALLADOLID	81410	41.641	-4.754	4A
VIGO AP	80450	42.239	-8.624	3C
VITORIA AP	80800	42.872	-2.733	4C
ZARAGOZA AP	81600	41.661	-1.004	3B
Sri Lanka (LKA)				

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ANURADHAPURA	434210	8.301	80.428	0A
BATTICALOA	434360	7.712	81.701	0A
COLOMBO	434660	6.905	79.872	0A
COLOMBO RATMALANA	434670	6.822	79.886	0A
GALLE	434950	6.03	80.214	0A
HAMBANTOTA	434970	6.122	81.129	0A
KANDY	434440	7.334	80.627	1A
KATUNAYAKE	434500	7.167	79.883	0A
NUWARA ELIYA	434730	6.97	80.779	3A
PUTTALAM	434240	8.027	79.842	0A
RATNAPURA	434860	6.713	80.381	0A
TRINCOMALEE CHINA BAY	434180	8.539	81.182	0A
Sudan (SDN)				
KHARTOUM INTL	627210	15.589	32.553	0B
Suriname (SUR)				
ZANDERIJ	812250	5.453	-55.188	0A
Svalbard and Jan Mayen (SJM)				
AKSELOYA	10170	77.689	14.784	8
BARENTSBURG	201070	78.056	14.221	8
BJORNOYA	10280	74.504	19.001	7
HOPEN	10620	76.509	25.013	8
HORNSUND	10030	77	15.5	8
JAN MAYEN	10010	70.94	-8.668	7
NY-ALESUND	10070	78.923	11.933	8
SVALBARD	10080	78.246	15.466	8
Sweden (SWE)				
ADELSO	24860	59.358	17.521	6A
ALVDALEN	23210	61.254	14.036	7
ALVSBYN	21730	65.669	21.062	7
AMOT	24400	60.961	16.428	7
ANGELHOLM HELSINGBORG	25635	56.298	12.844	5A
ARE	22170	63.374	13.161	7
ARE OSTERSUND	22260	63.197	14.486	7
ARJEPLOG	21240	66.051	17.84	7
ARVIDSJAUR	21490	65.594	19.264	7
ARVIKA	24110	59.674	12.635	6A
ASELE	22540	64.165	17.315	7
AXSTAL	25450	58.572	14.557	5A
BERGA	24890	59.069	18.118	6A
BERGARUD	25210	58.6	12.413	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BJUROKLUBB	22970	64.48	21.575	7
BLOMSKOG	24080	59.221	12.075	6A
BODEN	21710	65.815	21.64	7
BORTNAN	23190	62.755	13.843	7
BRAMON	23680	62.22	17.739	6A
BRATTMON	24130	60.757	12.772	7
BURESJON	21350	65.558	17.855	7
DAGLOSEN	24290	59.661	14.18	6A
DALA	24350	60.429	15.501	6A
DELSBO	23470	61.826	16.538	6A
DRAVAGEN	23170	62.094	13.609	7
EDSBYN	23380	61.361	15.714	7
EFTRA-BROEN V	26030	56.862	12.663	5A
EGGEGRUND	24500	60.73	17.558	6A
ENKOPING	24430	59.656	17.112	6A
ESKILSTUNA	24490	59.383	16.452	6A
FALSTERBO	26160	55.381	12.816	5A
FARO ISLAND	25880	57.96	19.348	5A
FAROSUND AR	25870	57.916	18.953	5A
FILM	24560	60.236	17.904	6A
FLATRUET	23030	62.729	12.726	7
FLODA	24760	59.056	16.394	6A
FOLKARNA	24440	60.167	16.317	6A
FOLLINGE	22310	63.676	14.605	7
FRANSTA	23420	62.517	16.183	7
FREDRIKA	22630	64.074	18.362	7
GADDEDE 1	22220	64.5	14.167	7
GADDEDE 2	22190	64.504	14.221	7
GALLIVARE LAPLAND	20490	67.141	20.641	7
GARDSJO	25460	58.877	14.387	6A
GAVLE	24530	60.716	17.161	6A
GIELAS	21100	65.327	15.065	7
GLADHAMMAR	25590	57.707	16.453	6A
GOTEBORG	25130	57.716	11.992	5A
GOTEBORG LANDVETTER	25260	57.663	12.28	6A
GOTEBORG SAVE	25120	57.775	11.87	5A
GOTSKA SANDON	25890	58.394	19.194	5A
GUBBHOGEN	22300	64.217	15.553	7
GUNNARN	21260	65.009	17.699	7
GUSTAVSFORS	24260	60.151	13.797	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HAGSHULT	25560	57.292	14.137	6A
HALLANDS VADERO	26050	56.45	12.545	5A
HALLANDSASEN	26020	56.404	12.944	5A
HALLHAXASEN	22360	63.769	15.328	7
HALLUM	25420	58.322	13.038	6A
HALMSTAD	26040	56.691	12.924	5A
HAMRA	23290	61.66	14.992	7
HANO	26280	56.014	14.846	5A
HAPARANDA	21970	65.824	24.111	7
HARJEDALEN SVEG	23270	62.046	14.407	7
HARSTENA	25630	58.251	17.011	5A
HELSINGBORG	26110	56.03	12.765	5A
HELSINGE SODERHAMN	22861	61.262	17.098	6A
HEMAVAN TARNABY	21010	65.808	15.085	7
HEMAVAN-GIEREVARTO	21030	65.781	15.062	7
HEMLING	22650	63.65	18.547	7
HOBURG FYR	26790	56.921	18.151	5A
HOGFJALLSHOTELLET	23110	61.158	13.114	7
HOKMARKSBERGET	22920	64.436	21.28	7
HOLMOGADDS FYR	22880	63.594	20.752	7
HOLMON	22870	63.792	20.861	6A
HORBY	26230	55.863	13.666	5A
HORN	25570	57.886	15.862	6A
HOTING	22420	64.088	16.236	7
HUD	25070	58.661	11.418	6A
HULTSFRED	25650	57.526	15.823	6A
HUNGE	23310	62.75	15.085	7
IDRE FJALL	23070	61.889	12.852	7
IDVATTNET	22520	64.45	17.083	7
JARNASKLUBB	22840	63.435	19.673	7
JOKKMOKK	21510	66.496	20.147	7
JONKOPING	25500	57.758	14.069	6A
JUNSELE	22430	63.684	16.95	7
KALIX-STORON	21910	65.697	23.096	7
KALMAR OLAND	26700	56.678	16.292	5A
KARESUANDO	20810	68.442	22.444	8
KARLSBORG	25440	58.517	14.517	6A
KARLSTAD AP	24180	59.445	13.337	6A
KARLSTAD SOL	24150	59.359	13.472	6A
KATTERJAKK	20200	68.42	18.168	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
KERSTINBO	24820	60.268	16.974	6A
KETTSTAKA	25540	58.716	15.027	6A
KILSBERGEN-SUTTARBODA	24520	59.3	14.896	6A
KIRUNA	20440	67.823	20.34	7
KLIMPFJALL	21080	65.067	14.8	7
KLOTEN	24310	59.87	15.252	6A
KLOVSJOHOJDEN	23250	62.495	14.154	7
KOLMARDEN-STROMSFORS	25580	58.689	16.307	6A
KORSVATTNET	22210	63.839	13.501	7
KOSTA	26610	56.84	15.47	6A
KRAMFORS HOGA KUSTEN	22590	63.049	17.769	7
KRANGEDE	22470	63.151	16.17	7
KRISTIANSTAD OSTERLEN	26510	55.922	14.086	5A
KROPPEFJALL-GRANAN	25400	58.606	12.197	6A
KUGGOREN	23550	61.703	17.522	6A
KULLENS FYR	26060	56.301	12.452	5A
KVIKKJOKK ARRENJARKA	21190	66.883	18.023	7
KYMBO V	25530	58.079	13.785	6A
LAINIO	20860	67.761	22.352	8
LAKATRASK	21740	66.279	21.128	7
LANDSORT	25670	58.743	17.868	5A
LATNIVAARA	20380	67.255	20.27	8
LILLVIKEN-ROPARUDDEN V	21300	66.486	16.417	7
LINKOPING	25625	58.406	15.681	5A
LINKOPING MALMEN	25620	58.402	15.526	6A
LJUNGBY	26220	56.852	13.879	6A
LJUNGBYHED	20001	56.083	13.213	5A
LULEA KALLAX	21860	65.543	22.119	7
LUNGO	23820	62.642	18.09	6A
LYCKSELE	22610	64.548	18.713	7
MALA-BRANNAN	21470	65.151	18.593	7
MALEXANDER	25520	58.072	15.233	6A
MALILLA	25660	57.385	15.801	6A
MALMO	26350	55.572	13.071	5A
MALMO AP	26360	55.523	13.379	5A
MALUNG A	24070	60.676	13.707	7
MASESKAR	25050	58.094	11.332	5A
MATTMAR V	22160	63.305	13.877	7
MIERKENIS	21210	66.68	16.105	8
MORA SILJIAN	24410	60.96	14.504	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NAIMAKKA	20550	68.676	21.523	8
NATTAVAARA	21610	66.752	20.928	7
NAVEN	24030	58.7	13.111	5A
NEDRE SOPPERO	20540	68.044	21.755	8
NIDINGEN	25180	57.304	11.905	5A
NIKKALUOKTA	20360	67.853	19.021	8
NORDKOSTER	25000	58.892	11.004	5A
NORRBERG-NORRHOG V	23370	62.263	15.671	7
NORRKOPING	25740	58.583	16.147	5A
NORRKOPING BRAVALLA	25700	58.617	16.117	6A
NORRKOPING KUNGSANGEN	25710	58.586	16.251	6A
NORSJO	22710	64.925	19.374	7
OLANDS NORRA UDDE	25750	57.367	17.095	5A
OLANDS SODRA UDDE	26440	56.198	16.401	5A
OLANDSBRON LAG	26460	56.667	16.461	5A
OREBRO	24320	59.229	15.046	6A
ORNSKOLDSVIK	22670	63.412	18.98	7
ORSKAR	24880	60.526	18.373	6A
OSBY	26260	56.374	13.938	6A
OSTERGARNSHOLM	25980	57.441	18.984	5A
OSTMARK	24000	60.35	12.65	7
OVERKALIX-SVARTBYN	21810	66.262	22.843	7
PAHAROVA	21840	66.809	22.331	7
PAJALA	20950	67.204	23.39	7
PALKEM	21640	66.383	21.633	7
PARKALOMPOLO	20720	67.73	22.822	7
PETISTRASK	22820	64.566	19.694	7
PITE-RONNSKAR	21760	65.034	21.561	7
RANGEDALA	25360	57.785	13.164	6A
RENSJON	20310	68.073	19.835	8
RISTRASK V	22560	64.734	17.403	7
RITSEM	20130	67.727	17.471	7
RODKALLEN	21880	65.312	22.371	7
ROMA	25950	57.544	18.425	6A
RONNEBY	26640	56.267	15.268	5A
RORBACKSNAS	23060	61.133	12.817	7
RYNGE	26090	55.474	13.668	5A
SAITTAROVA	20640	67.336	22.229	7
SALA	24810	59.909	16.684	6A
SARNA	23160	61.691	13.187	7

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
SATENAS	25200	58.436	12.707	6A
SAXNAS V	22330	64.968	15.379	7
SILLRE	23490	62.763	16.739	7
SINGO	24740	60.167	18.75	6A
SKAGSUDDE	22690	63.188	19.016	6A
SKARPO	24870	59.345	18.74	5A
SKELLEFTEA	22930	64.624	21.072	7
SKEPPMORA	24720	60.123	15.123	6A
SKILLINGE	26250	55.489	14.314	5A
SKOVDE	25350	58.456	13.973	6A
SODERARM	24930	59.753	19.405	6A
STEKENJOKK	21020	65.093	14.505	8
STOCKHOLM ARLANDA	24600	59.627	17.954	6A
STOCKHOLM OBSERVATORIET	24840	59.342	18.055	5A
STOCKHOLM VASTERAS	24460	59.589	16.634	6A
STOCKHOLMN BROMMA	24640	59.354	17.942	6A
STOCKHOLMN SKAVSTA	24853	58.789	16.912	6A
STORA SJOFALLET	20240	67.495	18.291	7
STORA SPANSBERGET	24680	60.382	15.137	7
STORBO	23020	61.84	12.288	7
STORLIEN-STORVALLEN	22070	63.283	12.122	7
SUNDSVALL RASTA V	23540	62.431	17.345	6A
SUNDSVALL TIMRA	23660	62.528	17.444	7
SUNNE	24230	59.864	13.117	6A
SVANBERGA	24900	59.832	18.631	6A
SVENSKA HOGARNA	24960	59.444	19.506	6A
SYLARNA	22090	63.044	12.275	7
TANNAS	23080	62.449	12.668	7
TARFALA	20290	67.912	18.61	8
TJAKAAPE	21410	66.3	19.2	7
TOMTABACKEN	25490	57.498	14.464	6A
TORPABRON	25150	58.2	12.154	6A
TORPSHAMMAR	23430	62.494	16.277	7
TORUP	26180	56.949	13.06	6A
TULLINGE	24690	59.178	17.909	6A
ULLARED	25390	57.113	12.773	6A
UMEA	22860	63.792	20.283	7
UNGSKAR	26660	56.041	15.804	5A
UPPSALA	24580	59.897	17.589	6A
UTKLIPPAN	26320	55.953	15.703	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
VADEROARNA	25010	58.576	11.066	5A
VAJMAT	21460	66.505	19.675	7
VASTMARKUM	22600	63.124	18.252	7
VAXJO	26480	56.846	14.83	6A
VAXJO AP	26410	56.929	14.728	6A
VIDSEL	21540	65.875	20.15	7
VILHELMINA	22450	64.58	16.839	7
VINGA	25160	57.632	11.605	5A
VISBY	25900	57.661	18.343	5A
VISINGSO	25480	58.095	14.406	5A
YLINENJARVI	21990	66.622	23.463	7
Switzerland (CHE)				
AADORF-TAENIKON	66790	47.48	8.905	5A
ACQUAROSSA-COMPROVASCO	67560	46.459	8.936	4A
ADELBODEN	67350	46.492	7.561	6A
AIGLE	67120	46.327	6.924	4A
ALPNACH AP	66580	46.943	8.286	5A
ALTDORF	66720	46.887	8.622	4A
ALTENRHEIN	66900	47.484	9.567	4A
ANDEER	67870	46.61	9.432	5A
BASEL-BINNINGEN	66010	47.541	7.584	4A
BERN BELPMOOS AP	66300	46.906	7.505	5A
BERN ZOLLIKOFEN	66310	46.991	7.464	5A
BEZNAU	66460	47.557	8.233	4A
BIERE	67040	46.525	6.343	5A
BUCHS-AARAU	66330	47.384	8.079	5A
BUFFALORA	67780	46.648	10.267	7
BULLET-LA FRETAZ	66190	46.841	6.576	6A
CHASSERAL	66050	47.132	7.054	7
CHUR	67860	46.87	9.531	4A
CIMETTA	67590	46.201	8.792	6A
COL DU GRAND ST BERNARD	67170	45.869	7.171	7
CRESSIER	66060	47.047	7.059	4A
DAVOS	67840	46.813	9.844	7
DISENTIS-SEDRUN	67820	46.707	8.853	5A
DUEBENDORF AP	68070	47.402	8.634	5A
EBNAT-KAPPEL	66930	47.273	9.109	5A
EGOLZWIL	66480	47.179	8.005	5A
EMMEN AP	66130	47.084	8.296	5A
ENGELBERG	66550	46.822	8.411	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
EVOLENE-VILLAZ	67220	46.112	7.509	6A
FAHY-BONCOURT	66160	47.424	6.941	5A
GENEVA COINTRIN	67000	46.248	6.128	4A
GISWIL	66570	46.849	8.19	5A
GLARUS	66850	47.035	9.067	5A
GOESGEN	66260	47.363	7.974	5A
GRENCHEN	66320	47.179	7.415	5A
GRIMSEL-HOSPIZ	67440	46.572	8.333	7
GUETSCH OB ANDERMATT	67500	46.653	8.615	7
GUETTINGEN	66210	47.602	9.279	5A
HINTERRHEIN	67881	46.524	9.184	7
HOERNLI	66890	47.371	8.942	6A
INTERLAKEN AP	67340	46.672	7.87	5A
JUNGFRAUJOCH	67300	46.547	7.985	8
LA CHAUX-DE-FONDS	66120	47.083	6.792	6A
LA DOLE	67020	46.425	6.099	7
LAEGEREN	66690	47.482	8.397	5A
LE MOLESON	66090	46.546	7.018	7
LEIBSTADT	66660	47.597	8.188	4A
LOCARNO MAGADINO AP	67620	46.166	8.882	4A
LOCARNO-MONTI	67600	46.172	8.787	4A
LUGANO	67700	46.004	8.96	4A
LUZERN	66500	47.036	8.301	5A
MEIRINGEN	66140	46.743	8.11	5A
MOEHLIN	66410	47.572	7.878	4A
MONTANA	67240	46.299	7.461	6A
MOTTEC	67160	46.148	7.624	5A
MUEHLEBERG	66360	46.973	7.278	5A
NAPF	66390	47.005	7.94	6A
NEUCHATEL	66040	47	6.953	4A
NYON-CHANGINS	67050	46.401	6.228	4A
PAYERNE	66100	46.812	6.942	5A
PILATUS	66590	46.979	8.252	7
PIOTTA	67530	46.515	8.688	5A
PIZ CORVATSCH	67910	46.418	9.821	8
PLAFFEIEN	66280	46.748	7.266	5A
POSCHIAVO-ROBBIA	67940	46.347	10.063	5A
PULLY	67110	46.512	6.668	4A
ROBIEI	67510	46.443	8.513	7
RUENENBERG	66450	47.434	7.879	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SAENTIS	66800	47.249	9.344	7
SALEN-REUTENEN	66230	47.651	9.024	5A
SAMEDAM	67920	46.526	9.879	7
SAN BERNARDINO	67830	46.464	9.185	7
SCHAFFHAUSEN	66200	47.69	8.62	5A
SCHUEPFHEIM	66510	46.947	8.012	5A
SCUOL	67980	46.793	10.283	6A
SION AP	67200	46.219	7.33	4A
ST GALLEN	66810	47.426	9.399	5A
STABIO	67710	45.843	8.932	4A
ULRICHEN	67450	46.505	8.308	6A
VISP	67270	46.303	7.843	5A
WAEDENSWIL	66730	47.221	8.678	5A
WEISSFLUHJOCH	67800	46.833	9.806	8
WYNAU	66430	47.255	7.787	5A
ZERMATT	67480	46.029	7.753	6A
ZUERICH-AFFOLTERN	66640	47.428	8.518	5A
ZUERICH-FLUNTERN	66600	47.378	8.566	5A
ZURICH AP	66700	47.48	8.536	5A
Syrian Arab Republic (SYR)				
AL NABK	400830	34.033	36.717	4B
ALEPPO INTL	400070	36.181	37.224	3B
AR RAQQAH	400390	35.933	39.017	2B
BASSEL AL ASSAD INTL	400250	35.401	35.949	3A
DAMASCUS INTL	400800	33.412	36.516	3B
DARAA	400950	32.6	36.1	3B
DEIR EZ-ZUR	400450	35.285	40.176	2B
HAMA	400300	35.117	36.75	3A
LATAKIA	400220	35.533	35.767	2A
PALMYRA	400610	34.557	38.317	2B
QAMISHLI	400010	37.021	41.191	2A
SAFITA	400660	34.817	36.133	3A
Taiwan (TWN)				
CHIANG KAI SHEK INTL	466860	25.078	121.233	2A
CHIAYI	467480	23.496	120.433	2A
CHIAYI AP	467460	23.462	120.393	1A
CHIHHANG AB	467600	22.793	121.182	1A
DONGSHA DAO	597920	20.701	116.73	1A
GANGSHAN	467450	22.783	120.262	1A
HENGCHUN	467590	22.004	120.746	1A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
HENGCHUN AP	467520	22.041	120.73	1A
HSINCHU	467560	24.818	120.939	2A
HSINCHU CITY	467570	24.828	121.014	2A
HUALIEN	466990	23.975	121.613	2A
HUALIEN AP	467630	24.023	121.618	2A
KAOHSIUNG	467440	22.566	120.316	1A
KAOHSIUNG INTL	467400	22.577	120.35	1A
KEELUNG	466940	25.133	121.74	2A
KINMEN	467360	24.428	118.359	2A
LANYU	467620	22.037	121.558	2A
MAGONG	467340	23.569	119.628	2A
MATSU NANGAN	466890	26.16	119.958	3A
PENGHU	467350	23.566	119.563	1A
PENGJIA YU	466950	25.628	122.08	2A
PINGTUNG NORTH	467580	22.7	120.482	1A
PINGTUNG SOUTH	467500	22.672	120.462	1A
SU'AO	467060	24.597	121.857	2A
TAICHUNG	467490	24.146	120.684	1A
TAICHUNG INTL	467700	24.265	120.621	2A
TAICHUNG SHUINAN AP	467510	24.186	120.654	2A
TAICHUNG WUQI	467770	24.256	120.523	2A
TAINAN	467410	22.993	120.205	1A
TAINAN AP	467430	22.95	120.206	1A
TAIPEI	466920	25.033	121.515	2A
TAIPEI SONGSHAN	466960	25.069	121.552	1A
TAIPING ISLAND	469020	10.377	114.365	0A
TAITUNG	467660	22.752	121.155	1A
TAOYUAN	466970	25.056	121.243	2A
YILAN CITY	467080	24.764	121.757	2A
Tajikistan (TJK)				
DANGHARA	388470	38.067	69.283	3A
DEHAVZ	387340	39.45	70.2	6A
DUSHANBE	388360	38.583	68.733	3A
ISAMBAJ	388380	38.05	68.35	3A
ISTARVSHAN	387130	39.9	68.983	4A
KAIRAKUM	385980	40.267	69.817	4B
KHOROG	389540	37.501	71.515	5B
KHOVALING	388460	38.367	69.983	4A
KHUJAND	385990	40.215	69.695	4B
LYAKHSH	387440	38.317	71.267	6A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
MADRUSHKAT	387250	39.433	69.667	5C
OBSERVATORIYA SANGLOK	388440	38.261	69.218	5A
PANJ	389470	37.233	69.083	3B
PARKHAR	389440	37.483	69.383	3B
QURGONTEPPA	389330	37.817	68.783	3B
Tanzania, United Republic of (TZA)				
BUKOBA	637290	-1.333	31.821	2A
DAR ES SALAAM INTL	638940	-6.878	39.203	0A
DODOMA	638620	-6.17	35.753	2B
IRINGA	638870	-7.669	35.752	2B
KIGOMA	638010	-4.883	29.633	1A
KILIMANJARO INTL	637910	-3.429	37.074	1A
MOROGORO	638660	-6.833	37.65	1A
MTWARA	639710	-10.339	40.182	1A
MUSOMA	637330	-1.496	33.802	1A
MWANZA	637560	-2.444	32.933	2A
SUMBAWANGA	638810	-7.967	31.63	3C
TABORA	638320	-5.083	32.833	1A
ZANZIBAR	638700	-6.222	39.225	0A
Thailand (THA)				
ARANYAPRATHET	484620	13.689	102.504	0A
AYUTTHAYA	484150	14.535	100.725	0A
BANG NA AGROMET	484530	13.666	100.606	0A
BANGKOK DON MUEANG INTL	484560	13.913	100.607	0A
BANGKOK METROPOLIS	484550	13.726	100.56	0A
BHUMIBOL DAM	483770	17.244	99.002	0A
BUA CHUM	484180	15.267	101.187	0A
BURERAM	484370	15.227	103.244	0A
CHACHOENGSAO AGROMET	484580	13.567	101.454	0A
CHAINAT AGROMET	484020	15.158	100.191	0A
CHAING RAI ARGOMET	483040	19.872	99.779	1A
CHAIYAPHUM	484030	15.812	102.029	0A
CHANTHABURI	484800	12.61	102.104	0A
CHAWANG	485570	8.424	99.506	0A
CHIANG MAI INTL	483270	18.771	98.969	0A
CHIANG RAI	483030	19.961	99.881	1A
CHOK CHAI	484340	14.738	102.168	0A
CHON BURI SATTAHIP	484590	13.356	100.982	0A
CHUMPHON	485170	10.499	99.188	0A
DOI MU SOE AGROMET	483870	16.752	98.936	2A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HAT YAI INTL	485690	6.933	100.393	0A
HUA HIN	484750	12.578	99.954	0A
HUAI PONG AGROMET	484790	12.735	101.135	0A
KABINBURI	484390	13.986	101.704	0A
KAMALASAI	483900	16.332	103.588	0A
KAMPHAENG PHET	483800	16.487	99.527	0A
KANCHANA BURI	484500	14.023	99.536	0A
KHLONG YAI	485010	11.78	102.878	0A
KHO HONG AGROMET	485710	7.019	100.498	0A
KHON KAEN	483810	16.467	102.784	0A
KHOUN KHAN	485700	6.654	100.083	0A
KO LANTA	485660	7.533	99.05	0A
KO SAMUI	485500	9.467	100.05	0A
KO SICHANG	484600	13.163	100.803	0A
KOSUMPHISAI	483820	16.245	103.069	0A
KRABI	485630	8.104	98.975	0A
LAMPANG	483280	18.278	99.506	0A
LAMPANG AGROMET	483340	18.325	99.301	0A
LAMPHUN	483290	18.567	99.038	0A
LOEI	483530	17.453	101.731	0A
LOEI AGROMET	483500	17.409	101.729	1A
LOMSAK	483740	16.774	101.245	0A
LOP BURI	484260	14.8	100.628	0A
MAE HONG SON	483000	19.301	97.976	0A
MAE SARIANG	483250	18.175	97.934	0A
MAE SOT	483750	16.703	98.542	0A
MUKDAHAN	483830	16.533	104.717	0A
NAKHON PHANOM	483570	17.41	104.776	0A
NAKHON PHANOM AGROMET	483580	17.412	104.779	0A
NAKHON RATCHASIMA	484310	14.968	102.086	0A
NAKHON SAWAN	484000	15.672	100.132	0A
NAKHON SI THAMMARAT	485520	8.546	99.94	0A
NAKHONPATHOM	484510	14.012	99.97	0A
NAKHONSI THAMMARAT AGROMET	485540	8.359	100.059	0A
NAN	483310	18.767	100.763	0A
NAN AGROMET	483330	18.864	100.742	1A
NANGRONG	484360	14.631	102.721	0A
NARATHIWAT	485830	6.427	101.825	0A
NONG KHAI	483520	17.865	102.747	0A
NONG PHLUB AGROMET	484740	12.589	99.735	0A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NONGBUALAMPHU	483600	17.232	102.429	0A
PAKCHONG AGROMET	484350	14.644	101.318	1A
PATHUMTHANI	484190	14.116	100.62	0A
PATTANI	485800	6.79	101.147	0A
PHATTHALUNG AGROMET	485600	7.581	100.166	0A
PHATTHAYA	484610	12.923	100.866	0A
PHAYAO	483100	19.193	99.884	1A
PHETCHABUN	483790	16.435	101.152	0A
PHETCHABURI	484650	12.999	100.061	0A
PHITSANULOK	483780	16.796	100.276	0A
PHLIU AGROMET	484810	12.511	102.17	0A
PHRAE	483300	18.129	100.162	0A
PHRASANG	485560	8.572	99.255	0A
PHUKET	485640	7.883	98.4	0A
PHUKET INTL	485650	8.113	98.317	0A
PICHIT AGROMET	483860	16.339	100.367	0A
PRACHIN BURI	484300	14.051	101.369	0A
PRACHUAP	485000	11.835	99.81	0A
RANONG	485320	9.778	98.585	0A
RATCHA BURI AGROMET	484640	13.488	99.796	0A
RAYONG	484780	12.634	101.34	0A
ROI ET	484050	16.052	103.664	0A
ROI ET AGROMET	484040	16.075	103.604	0A
SA-DAO	485740	6.789	100.41	0A
SAKON NAKHON	483560	17.16	104.133	0A
SAKON NAKHON AGROMET	483550	17.117	104.05	0A
SAMUTPRAKAN AGROMET	484200	13.517	100.762	0A
SATTAHIP	484770	12.693	100.982	0A
SAWI AGROMET	485200	10.331	99.093	0A
SI SAKET AGROMET	484090	15.085	104.331	0A
SONGKHLA	485680	7.187	100.608	0A
SRAKAEW	484400	13.792	102.032	0A
SUKHOTHAI	483720	17.107	99.8	0A
SUPHAN BURI	484250	14.474	100.139	0A
SURAT THANI	485510	9.133	99.152	0A
SURAT THANI AGROMET	485550	9.143	99.636	0A
SURIN	484320	14.874	103.499	0A
SURIN AGROMET	484330	14.891	103.452	0A
SUVARNABHUMI INTL	484290	13.686	100.767	0A
TAK	483760	16.88	99.14	0A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
TAKFA AGROMET	484010	15.35	100.53	0A
TAKUA PA	485610	8.684	98.252	0A
THA PHRA AGROMET	483840	16.335	102.827	0A
THA TUM	484160	15.316	103.68	0A
THA WANG PHA	483150	19.123	100.813	0A
THOEN	483240	17.636	99.245	0A
THONG PHAPHUM	484210	14.742	98.636	0A
TRANG	485670	7.509	99.617	0A
TUNG CHANG	483070	19.408	100.883	1A
U THONG AGROMET	484270	14.304	99.865	0A
UBON RATCHATHANI	484070	15.251	104.87	0A
UBON RATCHATHANI AGROMET	484080	15.233	105.033	0A
UDON THANI	483540	17.377	102.809	0A
UMPHANG	483850	16.025	98.86	1A
UTTARADIT	483510	17.624	100.097	0A
WICHIAN BURI	484130	15.657	101.105	0A
YALA AGROMET	485810	6.515	101.274	0A
Togo (TGO)				
ATAKPAME	653760	7.583	1.117	0A
LOME	653870	6.166	1.255	0A
MANGO	653520	10.367	0.467	0A
SOKODE	653610	8.983	1.15	0A
Tonga (TON)				
FUA'AMOTU	917920	-21.241	-175.15	1A
HA'APAI	917840	-19.777	-174.341	1A
VAVA'U	917790	-18.583	-173.967	1A
Trinidad and Tobago (TTO)				
ANR ROBINSON INTL	789613	11.15	-60.833	0A
PIARCO INTL	789700	10.595	-61.337	0A
Tunisia (TUN)				
BIZERTE	607140	37.245	9.791	3A
DJERBA ZARZIS	607690	33.875	10.775	2B
ENFIDHA	607310	36.083	10.433	3B
GABES	607650	33.877	10.103	2B
GAFSA	607450	34.422	8.823	2B
JENDOUBA	607250	36.483	8.8	3B
KAIROUAN	607350	35.667	10.1	2B
KELIBIA	607200	36.85	11.083	3A
MONASTIR	607400	35.758	10.755	2B
SFAX THYNA	607500	34.718	10.691	2B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SIDI BOUZID	607480	35	9.483	2B
TABARKA	607100	36.98	8.877	3A
THALA	607380	35.55	8.683	3B
TOZEUR NEFTA	607600	33.94	8.111	2B
TUNIS CARTHAGE	607150	36.851	10.214	2A
Turkey (TUR)				
ADANA INCIRLIK	173500	37.001	35.418	2A
ADANA SAKIRPASA	173520	36.982	35.28	2A
AFYONKARAHISAR	171890	38.733	30.6	4A
AKHISAR	171840	38.911	27.823	3A
ALANYA	173100	36.55	31.98	2A
ANKARA BOLGE	171300	39.973	32.863	4A
ANKARA ESENBOGA	171280	40.128	32.995	5A
ANKARA ETIMESGUT	171290	39.95	32.689	4B
ANKARA GUVERCINLIK	171310	39.935	32.741	4A
ANKARA MURTED	171270	40.079	32.566	4A
ANTALYA BOLGE	173020	36.885	30.683	2A
ANTALYA HAVALIMANI	173000	36.899	30.8	2A
AYDIN	172340	37.85	27.85	3A
BALIKESIR	171500	39.617	27.917	3A
BANDIRMA	171150	40.316	27.972	3A
BATMAN	172820	37.933	41.117	3A
BILECIK	171200	40.15	29.968	4A
BINGOL	172030	38.885	40.501	4A
BODRUM	172900	37.033	27.44	2A
BOLU	170700	40.734	31.602	4A
BURSA	171160	40.231	29.013	3A
CANAKKALE	171120	40.141	26.399	3A
CENGIZ TOPEL	172005	40.735	30.083	3A
CORLU	170540	41.133	27.917	4A
CORUM	170840	40.546	34.936	4C
DALAMAN	172950	36.723	28.79	3A
DENIZLI	172370	37.762	29.092	3A
DENZILI CARDAK	172375	37.786	29.701	4A
DIKILI	171800	39.074	26.888	3A
DIYARBAKIR	172800	37.897	40.202	4A
EDIRNE	170500	41.677	26.551	4A
ELAZIG	172020	38.606	39.297	4A
ERZINCAN	170920	39.716	39.525	5A
ERZURUM	170960	39.953	41.19	6A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
ERZURUM BOLGE	170950	39.906	41.254	6A
ESKISEHIR ANADOLU	172006	39.81	30.519	4C
ESKISEHIR HAVALIMANI	171240	39.781	30.58	4A
FINIKE	173750	36.303	30.146	2A
GOKCEADA	171100	40.203	25.884	3A
GOLCUK DUMLUPINAR	170670	40.727	29.807	3A
HATAY	173725	36.365	36.284	2A
INEBOLU	170240	41.979	33.763	4A
ISKENDERUN	173700	36.592	36.158	2A
ISPARTA	172400	37.785	30.567	4A
ISPARTA SULEYMAN DEMIREL	172410	37.855	30.368	4A
ISTANBUL ATATURK	170600	40.967	28.817	3A
IZMIR ADNAN MENDERES	172190	38.295	27.148	3A
IZMIR CIGLI	172180	38.513	27.014	3A
IZMIR GUZELYALI	172200	38.395	27.082	3A
KAHRAMANMARAS	172550	37.6	36.933	3A
KAPADOKYA	171940	38.767	34.533	4B
KARS	170980	40.564	43.112	6A
KAYSERI ERKILET	171950	38.773	35.491	4A
KIRIKKALE	171350	39.843	33.518	4B
KIRSEHIR	171600	39.164	34.156	4A
KONYA	172440	37.984	32.574	4B
MALATYA ERHAC	172000	38.434	38.093	4B
MERZIFON	170820	40.836	35.526	4A
MILAS BODRUM	172910	37.251	27.664	3A
MUGLA	172920	37.209	28.367	3A
NIGDE	172500	37.959	34.68	4B
OGUZELI	172600	36.947	37.471	3A
SABIHA GOKCEN	170630	40.898	29.303	3A
SAMSUN	170300	41.344	36.256	3A
SAMSUN CARSAMBA	170310	41.258	36.556	3A
SANLIURFA	172700	37.16	38.787	2A
SANLIURFA GAP	172710	37.445	38.904	3A
SILIFKE	173300	36.382	33.937	2A
SINOP	170260	42.03	35.154	3A
SIVAS	170900	39.744	37.002	5C
TEKIRDAG	170560	40.958	27.496	3A
TOKAT	170860	40.331	36.558	4B
TRABZON	170380	40.995	39.783	3A
TULGA	171970	38.35	38.25	4B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
USAK	171880	38.683	29.4	4A
VAN FERITMELEN	171700	38.468	43.332	5C
YENISEHIR	171180	40.255	29.563	4A
ZONGULDAK	170220	41.45	31.779	3A
Turkmenistan (TKM)				
ASHGABAT	388800	37.987	58.361	3B
BAHARLY	387740	38.433	57.417	2B
BAYRAMALY	388950	37.6	62.183	3B
BEREKET	386470	39.25	55.517	3B
CHAGYL	385110	40.78	55.382	4B
DARGAN-ATA	385450	40.467	62.283	4B
DASHOGUZ	383920	41.761	59.827	4B
EKEDGE	383880	41.033	57.767	4B
ERBENT	386560	39.317	58.6	3B
ESENGULY	387500	37.467	53.967	3B
GUSHGY	389870	35.283	62.35	3B
GYZYLARBAT	387630	38.983	56.283	3B
KAZANARYK	388060	38.467	64.367	3B
KERKI	389110	37.833	65.2	3B
KOYTENDAG	389150	37.517	66.017	2B
MARY	384573	37.619	61.897	3B
SERAKHS	389740	36.533	61.217	2B
TEJEN	388860	37.383	60.517	3B
TURKMENABAT	386870	39.083	63.6	3B
TURKMENBASHI	381412	40.063	53.007	4B
UCH-ADZHI	387990	38.083	62.8	3B
Tuvalu (TUV)				
VAIAKU	916430	-8.522	179.198	0A
Uganda (UGA)				
ENTEBBE INTL	637050	0.042	32.444	2A
Ukraine (UKR)				
BAKHMUT	345100	48.557	38.015	5A
BORYSPIL	333470	50.334	30.949	5A
CHERKASY	334870	49.409	32.003	5A
CHERNIHIV	331350	51.444	31.2	5A
CHERNIVTSI	336580	48.266	25.973	5A
CHORNOMORS'KE	339240	45.522	32.716	4A
DNIPROPETROVSK	345040	48.36	35.085	5A
DONETSK	345190	48.072	37.727	5A
FEODOSIA	339760	45.042	35.382	4A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
GOSTOMEL	333451	50.603	30.192	5A
HENICHES'K	339100	46.164	34.807	5A
IVANO-FRANKIVSK	335260	48.889	24.689	5A
IZMAIL	338890	45.37	28.851	4A
IZYUM	344150	49.187	37.289	5A
KARHIV	343000	49.928	36.282	5A
KERCH	339830	45.374	36.415	4A
KHERSON	339020	46.738	32.709	5A
KHMELNYTSKYI	334290	49.354	26.938	5A
KIRILLOVKA	346090	47.33	36.335	5A
KOBELYAKY	336210	49.154	34.208	5A
KONOTOP	332610	51.241	33.187	5A
KROPYVNYSTKYI	337110	48.544	32.283	5A
KRYVYI RIH	337910	48.054	33.211	5A
KYIV	333450	50.392	30.536	5A
LUBNY	333770	50.016	32.987	5A
LUHANSK	345230	48.566	39.234	5A
LUHANSK INTL	330001	48.417	39.374	5A
LVIV	333930	49.807	23.965	5A
LYUBASHIVKA	337610	47.851	30.268	5A
MARIUPOL'	347120	47.042	37.484	5A
MOHYLIV-PODIL'S'KYI	336630	48.452	27.78	5A
MYRONIVKA	334660	49.646	31.083	5A
NIZHYN	332460	51.038	31.9	6A
NOVA KAKHOVKA	338690	46.789	33.359	5A
ODESA	338370	46.441	30.77	5A
POLTAVA	335060	49.609	34.545	5A
RIVNE INTL	333010	50.602	26.153	5A
SARNY	330880	51.313	26.614	5A
SEMENIVKA	330490	52.191	32.574	6A
SHEPETIVKA	333170	50.161	27.037	5A
SIMFEROPOL	339460	45.04	33.967	4A
SUMY	332750	50.859	34.749	6A
SVITLOVODS'K	336140	49.071	33.249	5A
TERNOPIL	334150	49.528	25.691	5A
UMAN'	335870	48.767	30.233	5A
UZHHOROD	336310	48.633	22.261	5A
VINNYTSIA	335620	49.248	28.604	5A
VOLODYMYR-VOLYNSKY	331770	50.833	24.344	5A
VOZNESENS'K	337770	47.583	31.32	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
YALTA	339900	44.481	34.155	4A
ZAPORIZHZHIA	346010	47.879	35.083	5A
ZHYTOMYR	333250	50.281	28.659	5A
United Arab Emirates (ARE)				
ABU DHABI BATEEN	412160	24.428	54.458	0B
ABU DHABI INTL	412170	24.433	54.651	0B
AL AIN INTL	412180	24.262	55.609	0B
AL DHAFRA	412162	24.248	54.548	0B
AL MAKTOUM INTL	412000	24.897	55.161	0B
DUBAI INTL	411940	25.255	55.364	0B
FUJAIRAH INTL	411980	25.112	56.324	0B
RAS AL KHAIMAH INTL	411840	25.613	55.939	0B
SHARJAH INTL	411960	25.329	55.517	0B
United Kingdom (GBR)				
ABERDARON	34050	52.789	-4.741	4A
ABERDEEN DYCE	30910	57.205	-2.205	5A
ABERPORTH	35020	52.139	-4.571	5A
ABERPORTH BUOY 62301	996850	52.3	-4.5	4A
ABOYNE	30800	57.076	-2.841	5A
ALBEMARLE OUTSON	32380	55.02	-1.882	5A
ALCONBURY	35620	52.367	-0.217	5A
ALTNAHARRA	30440	58.288	-4.442	5A
ANASURIA BUOY 62164	992900	57.2	0.8	4A
ANDREWSFIELD	36840	51.896	0.451	4A
AONACH MOR	30410	56.822	-4.969	7
AUGHTON	33220	53.55	-2.917	5A
AULTBEA	30340	57.859	-5.633	5A
AVIEMORE	30630	57.206	-3.828	5A
BALLYKELLY	39080	55.057	-7.007	5A
BALLYPATRICK FOREST	39160	55.181	-6.155	5A
BALTASOUND	30020	60.748	-0.856	5A
BANGOR HARBOUR	39270	54.664	-5.668	4A
BARRA	30350	57.033	-7.45	5A
BEALACH NA BA	30390	57.418	-5.689	7
BEDFORD	35600	52.227	-0.465	4A
BELFAST INTL	39170	54.664	-6.225	5A
BENBECULA	30220	57.481	-7.363	5A
BENSON	36580	51.62	-1.099	5A
BENTWATERS	35963	52.133	1.433	4A
BINGLEY	33440	53.811	-1.867	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
BIRMINGHAM	35340	52.454	-1.748	5A
BLACKPOOL	33180	53.774	-3.039	4A
BOSCOMBE DOWN	37460	51.162	-1.755	4A
BOULMER	32400	55.421	-1.601	5A
BOURNEMOUTH INTL	38620	50.779	-1.836	4A
BRACKNELL BEAUFORT	37630	51.383	-0.783	4A
BRAWDY	36030	51.883	-5.117	5A
BRENT A STATION 63113	996070	61	1.708	5C
BRENT B STATION 63105	995440	61	1.692	5C
BRIDLINGTON MRSC	32920	54.094	-0.176	5A
BRIGHTON CITY	38760	50.836	-0.294	4A
BRISTOL	37243	51.383	-2.719	5A
BRISTOL FILTON	36280	51.517	-2.583	4A
BRISTOL WEATHER CENTRE	37260	51.467	-2.6	4A
BRITTANY BUOY 62163	995380	47.55	-8.47	3A
BRIZE NORTON	36490	51.758	-1.578	4A
BUTT OF LEWIS LH	30250	58.517	-6.267	5A
CAIRNGORM SUMMIT	30650	57.116	-3.644	7
CAIRNWELL	30720	56.88	-3.421	7
CAMBORNE	38080	50.218	-5.327	4A
CAPE WRATH LH	30490	58.625	-5	5A
CAPEL CURIG	33050	53.094	-3.941	5A
CARDIFF	37150	51.397	-3.343	4A
CARDIFF WEATHER CENTRE	37170	51.483	-3.183	4A
CARDINHAM BODMIN	38230	50.502	-4.667	5A
CARLISLE	32200	54.934	-2.964	5A
CASTLEDERG	39040	54.707	-7.577	5A
CELLARHEAD	33380	53.033	-2.083	5A
CHANNEL LIGHTSHIP	995920	49.9	-2.9	4A
CHARLWOOD	37690	51.144	-0.229	4A
CHARTERHALL	31580	55.709	-2.385	5A
CHIVENOR	37070	51.089	-4.149	4A
CHURCH FENTON	33550	53.834	-1.196	5A
CHURCH LAWFORD	35440	52.359	-1.331	5A
CILFYNYDD	36140	51.633	-3.3	5A
CLIPPER STATION 62144	995940	53.4	1.7	4A
COLESHILL	35350	52.48	-1.691	5A
COLLAFIRTH HILL	30040	60.534	-1.391	6A
COLTISHALL	34950	52.755	1.358	4A
CONINGSBY	33910	53.094	-0.173	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
CORMORANT STATION 63112	996920	61.1	1	5C
CORSEWALL POINT LH	31180	55.007	-5.159	5A
COTTESMORE	34530	52.736	-0.649	5A
CRANWELL	33790	53.031	-0.504	5A
CROSBY	33160	53.497	-3.058	4A
CULDROSE	38090	50.084	-5.257	4A
DISHFORTH	32610	54.137	-1.42	5A
DONCASTER SHEFFIELD	34054	53.475	-1.004	4A
DONNA NOOK	33850	53.475	0.153	5A
DRUMALBIN	31550	55.627	-3.736	5A
DUMFRIES DRUNGANS	31540	55.05	-3.65	5A
DUNDRENNAN	31530	54.803	-4.008	5A
DUNKESWELL	38400	50.86	-3.24	5A
EDINBURGH AP	31600	55.95	-3.373	5A
EDINBURGH GOGARBANK	31660	55.928	-3.344	5A
EMLEY MOOR	33460	53.612	-1.667	5A
ENNISKILLEN	39030	54.395	-7.644	5A
ESKDALEMUIR	31620	55.312	-3.207	5A
EXETER	38390	50.737	-3.404	4A
FAIR ISLE	30080	59.526	-1.627	5A
FAIRFORD	36440	51.682	-1.79	4A
FARNBOROUGH	37680	51.28	-0.772	4A
FIFE NESS	31740	56.279	-2.587	5A
FOULA	30140	60.117	-2.067	5A
FOYERS	30570	57.267	-4.483	5A
FYLINGDALES	32810	54.359	-0.672	5A
GLASGOW AP	31400	55.872	-4.433	5A
GLASGOW BISHOPTON	31340	55.907	-4.532	5A
GLASGOW PRESTWICK	31350	55.509	-4.587	5A
GLASGOW PRESTWICK RNAS	31360	55.515	-4.585	5A
GLEN OGLE	31480	56.425	-4.323	6A
GLENANNE NO2	39230	54.237	-6.504	5A
GRAVESEND-BROADNESS	37840	51.465	0.311	4A
GREAT DUN FELL NO2	32270	54.684	-2.451	7
GREENOCK MRCC	31380	55.967	-4.8	5A
GWENNAP HEAD	38060	50.037	-5.681	4A
HAWARDEN	33210	53.175	-2.987	4A
HEMSBY	34960	52.683	1.683	5A
HEREFORD CREDENHILL	35220	52.08	-2.803	4A
HERSTMONCEUX OBS	38840	50.87	0.347	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
HERSTMONCEUX WEST END	38820	50.891	0.317	4A
HIGH WYCOMBE	36600	51.682	-0.807	5A
HILLSBOROUGH	39200	54.485	-6.097	5A
HOLBEACH	34690	52.873	0.139	4A
HONINGTON	35860	52.333	0.767	5A
HUMBERSIDE	33735	53.574	-0.351	4A
HYSKEIR LH	30240	56.967	-6.683	5A
INVERBERVIE	30880	56.852	-2.266	5A
INVERGORDON HARBOUR	30580	57.683	-4.167	5A
INVERNESS AP	30590	57.543	-4.048	5A
ISLAY PORT ELLEN	31050	55.683	-6.25	5A
ISLE OF PORTLAND	38570	50.522	-2.457	4A
K1 BUOY 62029	992880	48.72	-12.43	3A
K2 BUOY 62081	996050	51	-13.3	4A
K3 BUOY 62108	996110	53.5	-19.5	4A
K5 BUOY 64045	996770	59.07	-11.42	5A
K7 BUOY 64046	996840	60.483	-4.167	5C
KENLEY AF	37810	51.304	-0.091	4A
KESWICK	32120	54.614	-3.157	5A
KINLOSS	30660	57.646	-3.564	5A
KIRKWALL	30170	58.954	-2.901	5A
LAKE VYRNWY	34100	52.757	-3.465	5A
LAKENHEATH	35830	52.417	0.567	4A
LANGDON BAY	37960	51.134	1.343	4A
LARKHILL	37430	51.202	-1.806	4A
LARNE	39280	54.852	-5.831	5A
LECONFIELD	33820	53.875	-0.442	5A
LEE-ON-SOLENT	38740	50.807	-1.209	4A
LEEDS BRADFORD	33463	53.866	-1.661	5A
LEEDS WEATHER CENTRE	33470	53.8	-1.55	4A
LEEK THORNCLIFFE	33300	53.128	-1.981	5A
LEEMING	32570	54.297	-1.533	5A
LERWICK	30050	60.139	-1.185	5A
LEUCHARS	31710	56.377	-2.863	5A
LINTON ON OUSE	32660	54.045	-1.251	5A
LISCOMBE	37100	51.087	-3.609	5A
LITTLE RISSINGTON	36470	51.861	-1.693	5A
LIVERPOOL JOHN LENNON	33233	53.334	-2.85	4A
LOCH GLASCARNOCH	30310	57.725	-4.896	6A
LOFTUS	32750	54.563	-0.864	5A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
LONDON CITY AP	37683	51.505	0.055	4A
LONDON GATWICK	37760	51.148	-0.19	4A
LONDON HEATHROW	37720	51.479	-0.451	4A
LONDON LUTON	36733	51.875	-0.368	5A
LONDON SOUTHEND	36913	51.571	0.696	4A
LONDON ST JAMES PARK	37700	51.505	-0.131	4A
LONDON STANSTED	36830	51.885	0.235	5A
LONDON WC CLERKENWELL	37790	51.522	-0.112	4A
LONDON WC PENDEREL HOUSE	37780	51.517	-0.117	4A
LOSSIEMOUTH	30680	57.711	-3.323	5A
LOUGH FEA	39110	54.721	-6.815	5A
LUNDY ISLAND LH	37020	51.162	-4.656	4A
LYNEHAM	37400	51.503	-1.992	5A
MACHRIHANISH CAMPBELTOWN	31110	55.441	-5.697	5A
MADLEY	35210	52.033	-2.85	5A
MANCHESTER AP	33340	53.354	-2.275	5A
MANSTON	37970	51.346	1.336	4A
MARHAM	34820	52.651	0.566	5A
MIDDLE WALLOP	37490	51.15	-1.57	4A
MILDENHALL	35770	52.367	0.483	4A
MILFORD HAVEN PORT AUTHORITY	36040	51.7	-5.05	4A
MONA	33010	53.26	-4.376	5A
MUCKLE FLUGGA	30010	60.855	-0.886	5A
MUCKLE HOLM	30070	60.581	-1.265	5A
MUMBLES HEAD	36090	51.566	-3.982	4A
NEWCASTLE INTL	32433	55.038	-1.692	5A
NEWCASTLE WEATHER CENTRE	32460	54.983	-1.6	5A
NEWHAVEN LH	38800	50.782	0.057	4A
NEWQUAY CORNWALL	33465	50.433	-4.983	4A
NORTH RONA ISLAND	30110	59.121	-5.815	5A
NORTH SEA STATION 62112	995730	58.7	1.3	5C
NORTH SEA STATION 62116	995060	57.7	1.4	5C
NORTH SEA STATION 62118	995190	57.7	0.9	5C
NORTH SEA STATION 62119	995740	57	2	5A
NORTH SEA STATION 62120	995220	56.4	2.1	5A
NORTH SEA STATION 62129	995210	53.05	2.117	5A
NORTH SEA STATION 62132	996790	56.4	2	4A
NORTH SEA STATION 62142	995850	53	2.1	4A
NORTH SEA STATION 62145	994990	53.102	2.8	4A
NORTH SEA STATION 63101	995280	61.117	0.9	5C

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
NORTH SEA STATION 63103	995780	61.1	1.1	5C
NORTH SEA STATION 63104	995270	61.2	1.6	5C
NORTH SEA STATION 63108	995250	60.133	1.7	5A
NORTHOLT	36720	51.549	-0.417	4A
NORWICH INTL	34920	52.676	1.283	4A
NOTTINGHAM EAST MIDLANDS	34185	52.831	-1.328	4A
NOTTINGHAM WATNALL	33540	53.006	-1.251	5A
OBAN	31140	56.417	-5.467	5A
ODIHAM	37610	51.239	-0.945	4A
PEMBRY SANDS	36050	51.714	-4.367	4A
PENDENNIS POINT	38100	50.145	-5.045	4A
PENDINE	36080	51.75	-4.517	4A
PERSHORE	35290	52.148	-2.041	4A
PETERHEAD HARBOUR	30920	57.502	-1.774	5A
PLYMOUTH MOUNT BATTEN	38270	50.355	-4.121	4A
PORTGLENONE	39150	54.865	-6.458	5A
PORTLAND HP	38580	50.565	-2.449	4A
REDESDALE CAMP	32300	55.285	-2.279	5A
RHYL	33130	53.259	-3.509	4A
RINNS OF ISLAY LH	31020	55.673	-6.513	5A
ROSEHEARTY	30940	57.7	-2.117	5A
SCAMPTON	33730	53.307	-0.548	5A
SCATSTA	30064	60.433	-1.296	5A
SCILLY SAINT MARY'S	38030	49.914	-6.296	4A
SELLA NESS	30060	60.45	-1.267	5A
SENNYBRIDGE	35070	52.063	-3.615	5A
SEVENSTONES LIGHTSHIP 62107	992700	50.102	-6.1	4A
SHAP	32250	54.502	-2.685	5A
SHAWBURY	34140	52.795	-2.665	5A
SHEERNESS	37910	51.446	0.746	4A
SHOBDON AF	35200	52.243	-2.886	5A
SHOEBURYNESS LANDWICK	36930	51.555	0.827	4A
SKYE LUSA	30370	57.25	-5.8	5A
SOUTH UIST RANGE	30230	57.358	-7.385	5A
SOUTHAMPTON	38650	50.95	-1.357	4A
SPADEADAM	31650	55.05	-2.554	5A
SPADEADAM NO2	32240	55.05	-2.554	5A
ST ATHAN	37160	51.405	-3.441	4A
ST BEES HEAD	32100	54.518	-3.615	5A
STORNOWAY	30260	58.214	-6.319	5A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
STRATHALLEN	31440	56.326	-3.729	5A
SULE SKERRY	30100	59.084	-4.407	5A
SUMBURGH	30030	59.879	-1.296	5A
TAIN RANGE	30620	57.819	-3.967	5A
THAMES TOWER	36950	51.667	1.1	4A
THORNEY ISLAND	38720	50.815	-0.922	4A
TIREE	31000	56.5	-6.881	5A
TOPCLIFFE	32650	54.205	-1.39	5A
TRAWSGOED	35030	52.344	-3.948	5A
TULLOCH BRIDGE	30470	56.867	-4.708	5A
TURBOT BANK BUOY 62303	996860	51.6	-5.1	4A
TYNEMOUTH	32620	55.017	-1.417	5A
UPPER HEYFORD	36553	51.933	-1.25	5A
VALLEY ANGLESEY	33020	53.252	-4.536	4A
WADDINGTON	33770	53.175	-0.523	5A
WAINFLEET	33920	53.088	0.271	5A
WALNEY ISLAND	32140	54.125	-3.258	4A
WALTON-ON-THE-NAZE	36960	51.851	1.267	4A
WARCOP RANGE	32260	54.572	-2.413	5A
WATTISHAM	35900	52.124	0.958	5A
WEST FREUGH	31320	54.859	-4.935	5A
WEYBOURNE	34880	52.949	1.123	4A
WICK	30750	58.454	-3.09	5A
WIGHT ST CATHERINES POINT	38660	50.576	-1.297	4A
WITTERING	34620	52.611	-0.461	5A
WYTON	35660	52.357	-0.108	5A
YEOVILTON	38530	51.006	-2.643	4A
United States Minor Outlying Islands (UMI)				
MIDWAY ISLAND	910660	28.202	-177.383	2A
WAKE ISLAND	912460	19.283	166.65	0A
Uruguay (URY)				
ARTIGAS	863300	-30.398	-56.51	3A
COLONIA DEL SACRAMENTO	865600	-34.452	-57.767	3A
FLORIDA	865450	-34.083	-56.233	3A
MELO	864400	-32.338	-54.217	3A
MONTEVIDEO CARRASCO	865800	-34.833	-56.012	3A
MONTEVIDEO PRADO	865850	-34.861	-56.208	3A
PASO DE LOS TOROS	864600	-32.8	-56.517	3A
PUNTA DEL ESTE	865860	-34.86	-55.097	3A
RIVERA	863500	-30.896	-55.543	3A

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
ROCHA	865650	-34.493	-54.313	3A
SALTO	863600	-31.438	-57.981	3A
TREINTA Y TRES	865000	-33.217	-54.383	3A
Uzbekistan (UZB)				
AK-BAJTAL	381780	43.154	64.321	5B
BUKHARA INTL	381415	39.775	64.483	4B
BUKHARA KOGON	386830	39.717	64.617	4B
BUZAUBAY	384030	41.75	62.467	4B
CHIMBAY	382620	42.95	59.8	5B
FERGANA	386180	40.367	71.75	4B
JASLIQ	381410	43.971	57.5	5B
JIZZAKH	385790	40.117	67.833	4B
KUNGRAD	381490	43.083	58.933	5B
NAMANGAN	386110	40.983	71.562	4B
NAVOI	385670	40.133	65.35	4B
NUKUS	382640	42.483	59.617	4B
NUROTA	385650	40.55	65.683	4B
PSKEM	384620	41.91	70.367	5A
QARSHI	388120	38.75	65.717	3B
SAMARKAND	386960	39.701	66.984	4A
SYRDARYA	385830	40.817	68.683	4A
TAMDYBULAQ	384130	41.733	64.617	4B
TASHKENT INTL	384570	41.258	69.281	4A
TERMEZ	389270	37.287	67.31	3B
URGENCH	383960	41.584	60.642	4B
Vanuatu (VUT)				
ANEITYUM ISLAND	915680	-20.233	169.767	1A
ESPIRITU SANTO-PEKOA	915540	-15.501	167.223	1A
LAMAP MALEKOULA ISLAND	915550	-16.422	167.809	1A
PORT VILA EFATE ISLAND	915570	-17.699	168.32	1A
SOLA VANUA LAVA ISLAND	915510	-13.856	167.539	0A
WHITE GRASS TANNA ISLAND	915650	-19.455	169.224	1A
Venezuela (VEN)				
BARCELONA	804190	10.107	-64.689	0B
BARQUISIMETO	804100	10.043	-69.359	1B
GUANARE	804280	9.027	-69.755	0A
MAIQUETIA	804150	10.603	-66.991	0B
MARACAY	804130	10.25	-67.649	1A
MERIDA	804380	8.582	-71.161	2A
PORLAMAR	804210	10.917	-63.967	0B

Table A-6 International Stations and Climate Zones

Country / Location	WMO #	Latitude	Longitude	Climate Zone
SAN ANTONIO DEL TACHIRA	804470	7.841	-72.44	0A
Viet Nam (VNM)				
BACH LONG VI	488390	20.13	107.72	1A
BUON MA THUOT	488750	12.668	108.116	1A
CA MAU	489140	9.183	105.15	0A
CAO BANG	488080	22.664	106.251	2A
CON SON	489180	8.683	106.6	0A
DA NANG INTL	488550	16.043	108.207	0A
DONG HOI	488480	17.483	106.6	1A
HA NOI	488200	21.02	105.807	1A
HA TINH	488460	18.35	105.9	1A
HO CHI MINH TAN SON NHAT INTL	489000	10.819	106.652	0A
HUYEN TRAN ALEXANDRA BANK	489190	8.017	110.617	0A
LANG SON	488300	21.831	106.769	2A
LAO CAI	488030	22.497	103.966	1A
MONG CAI	488380	21.517	107.967	2A
NAM DINH	488230	20.433	106.157	1A
NHA TRANG	488770	12.228	109.192	0A
PHAN THIET	488870	10.933	108.1	0A
PHU LIEN	488260	20.795	106.614	1A
PHU QUOC	489170	10.217	103.967	0A
PHUBAI	488520	16.402	107.703	1A
PLEIKU	488660	14.005	108.017	2A
QUANG NGAI	488630	15.133	108.783	0A
QUY NHON	488700	13.767	109.217	0A
RACH GIA	489070	10	105.083	0A
SON LA	488060	21.332	103.906	2A
SONG TU TAY	488920	11.428	114.331	0A
THANH HOA	488400	19.75	105.783	1A
THO CHU	489160	9.299	103.503	0A
TRUONG SA	489200	8.65	111.917	0A
VINH	488450	18.667	105.683	1A
Virgin Islands, U.S. (VIR)				
ST CROIX LIME TREE BAY	997349	17.695	-64.754	0A
ST CROIX ROHLSEN	785510	17.7	-64.813	0A
ST THOMAS CHARLOTTE AMALIE	994042	18.335	-64.92	0A
ST THOMAS CYRIL KING	785430	18.336	-64.98	0A
Wallis and Futuna (WLF)				
ILE FUTUNA	917540	-14.308	-178.117	0A
ILE WALLIS	917530	-13.238	-176.199	0A

Table A-6 International Stations and Climate Zones

Country Location	WMO #	Latitude	Longitude	Climate Zone
Western Sahara (ESH)				
LAAYOUNE	600330	27.152	-13.219	2B
Yemen (YEM)				
ADEN INTL	414800	12.833	45.033	0B
SANA'A INTL	414040	15.476	44.22	3B
Zambia (ZMB)				
LUSAKA	676650	-15.333	28.45	2A
Zimbabwe (ZWE)				
HARARE	677750	-17.93	31.094	3A
MASVINGO	679750	-20.055	30.859	2B

(This appendix is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

INFORMATIVE APPENDIX B
CLIMATE ZONE MAPS

This informative appendix provides climate zone maps for major countries and continents and/or major regions. The data for global climate zones were obtained directly from ~~NASA's GES DISC~~ ECMWF's Copernicus server (internet: ~~https://disc.gsfc.nasa.gov/~~ https://www.ecmwf.int/en/forecasts/datasets/reanalysis-datasets/era5). The period of record for the data set was from ~~1990~~ 1994 to ~~2014~~ 2019, 2~~6~~5 years, and the spatial resolution was 0.25° x 0. 25° and temporal resolution was 1 hour. For each location, based on hourly values of surface dry bulb temperature (~~TMP2M~~t2m) and precipitation (~~PRECTOT~~tp), three parameters were calculated: heating degree-days base 18°C (HDD18), cooling degree-days base 10°C (CDD10), and monthly averaged daily precipitation (mm/day). From these three parameters, the climate zones were calculated as per Section A.3.

The locations of all ground stations are given in Tables A-3, A-5, and A-6. Determining the size of the footprint of a ground station – how far away the ground station data can be used with confidence – requires local knowledge and is left to the judgement of the user.

Notes regarding the maps: ~~All~~ Most maps use an ~~Robinson Sterling~~ orthographic projection except for Canada, North America, and Russia which use a Lambert Conformal and the worldwide map which uses a Robinson projection ~~unless otherwise indicated~~. All maps are included in separate, high-resolution, electronic files that can be located online at *www.ashrae.org*. These support files include design condition tables for the ~~8118~~ 9237 locations as well as electronic tables and climate zone maps. Climate Zones for the United States are defined in Normative Appendix A, Tables A-3 and A-4, and Figure A-2.

The following maps are provided for information purposes only. The continents are shown first (except for Antarctica, which is Climate Zone 8), followed by a few larger countries or regions with diverse climate zones, including Brazil, Canada, China, Indian subcontinent (Bangladesh, India, Pakistan, and Sri Lanka), and Russia.

Replace all maps in the existing standard with the following maps.

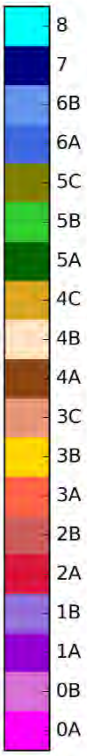

Figure B-1 Legend for Climate Zones Maps

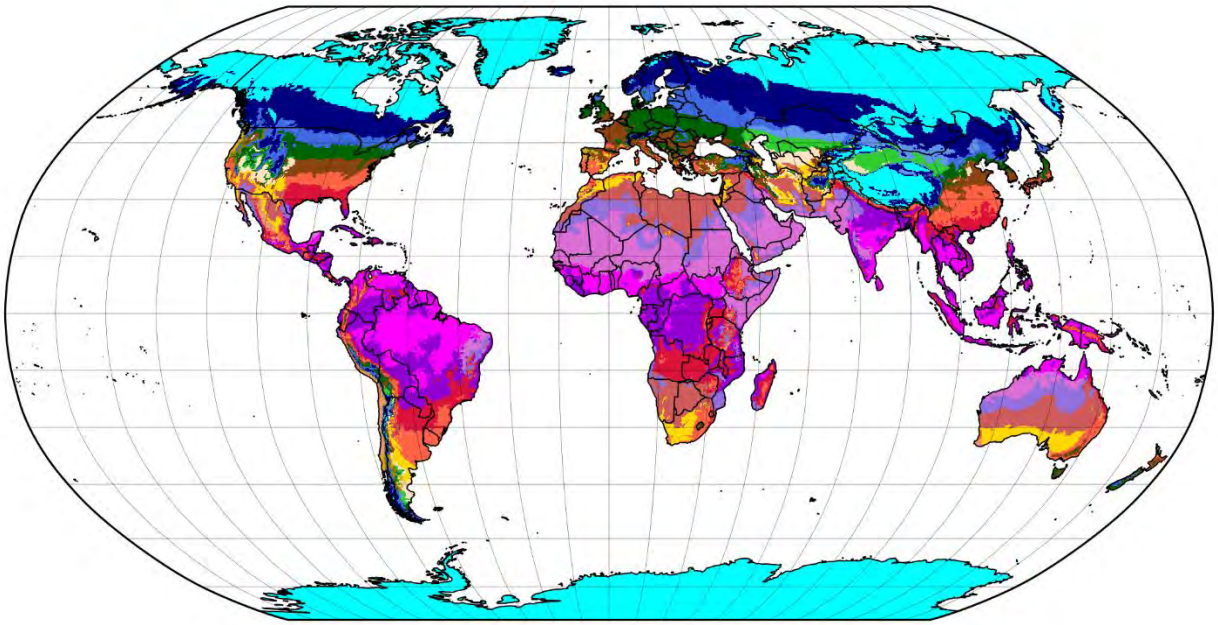

Figure B-2 World Climate Zones Map

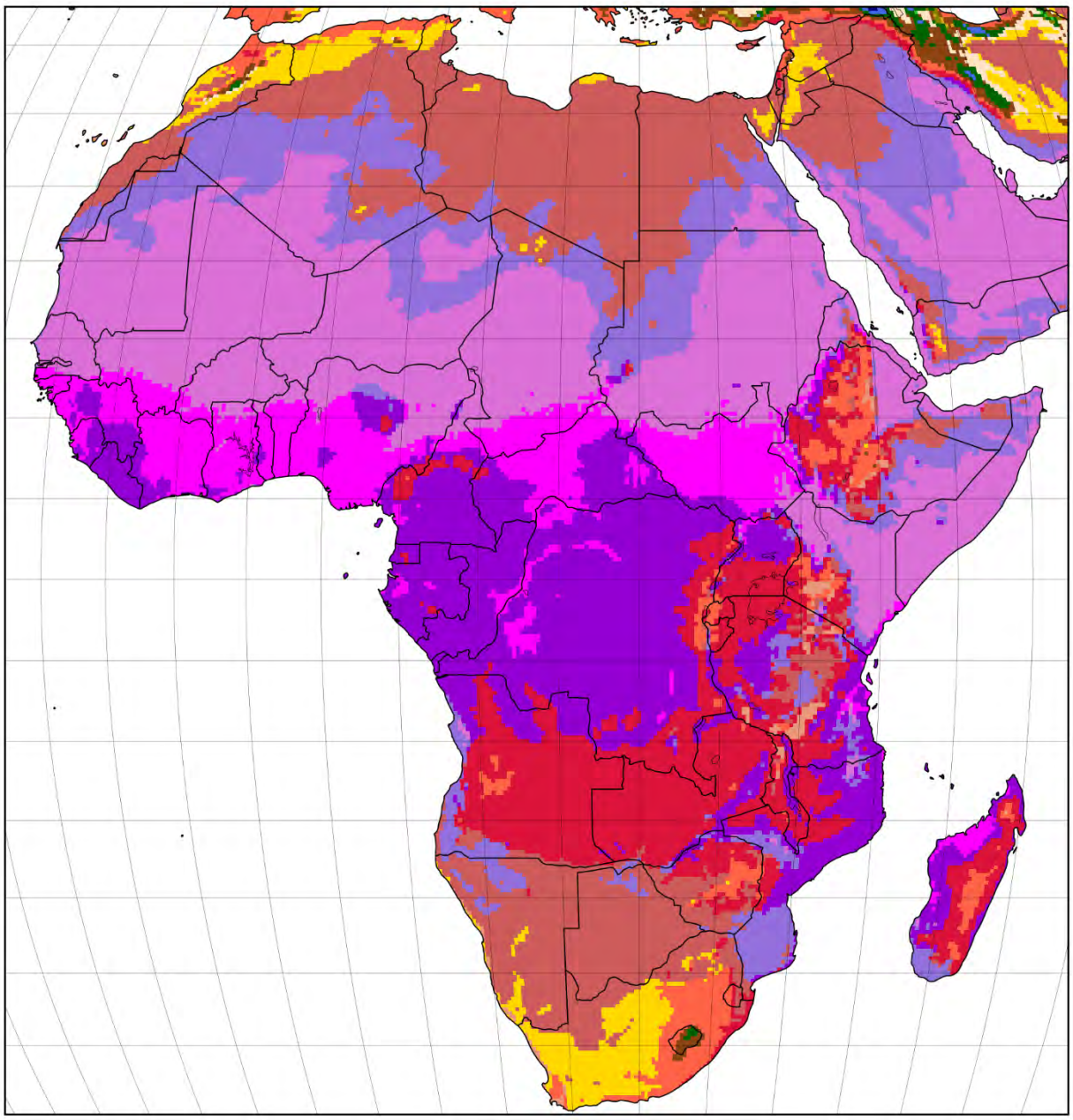

Figure B-3 Africa Climate Zones Map

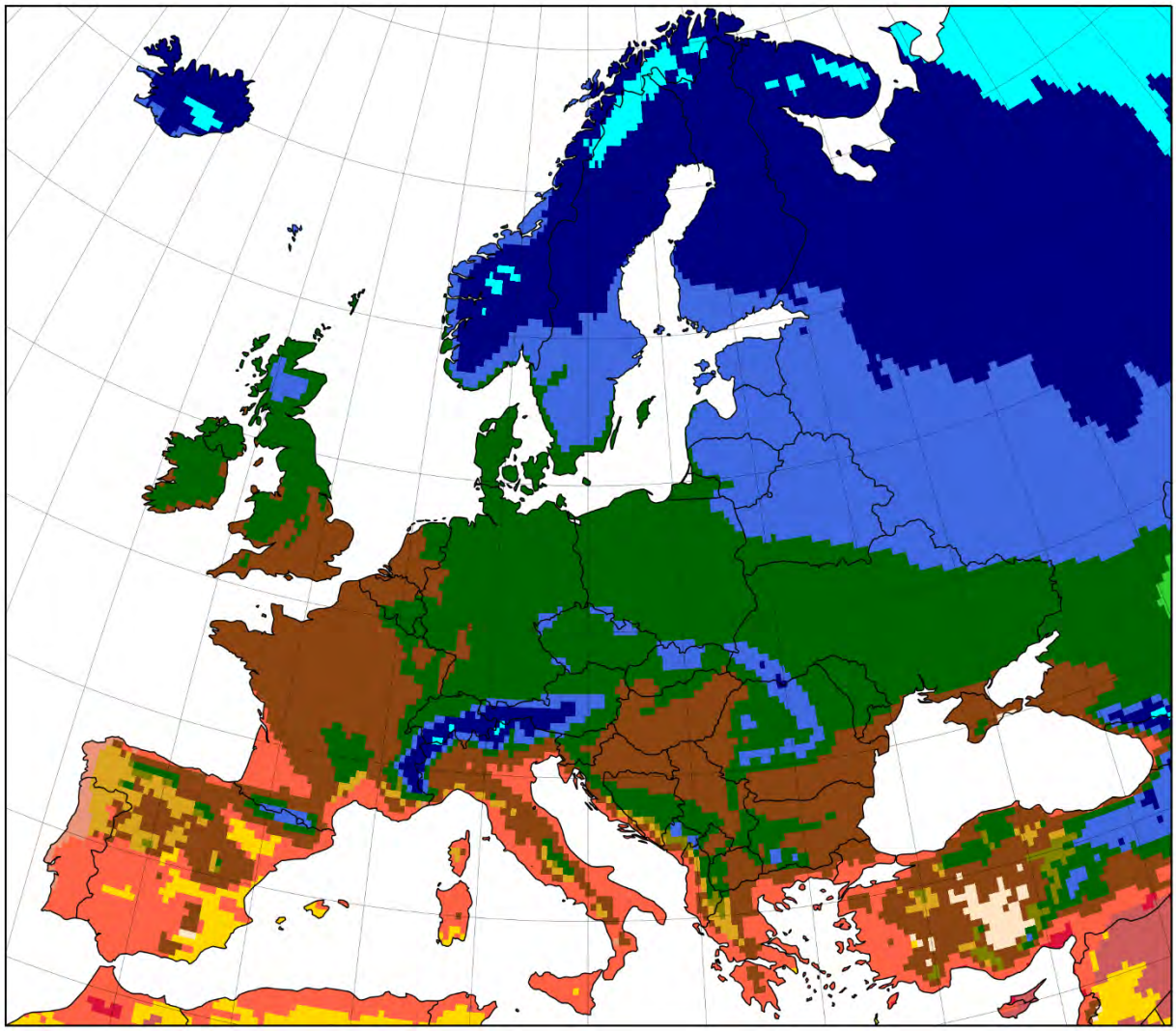

Figure B-4 Europe Climate Zones Map

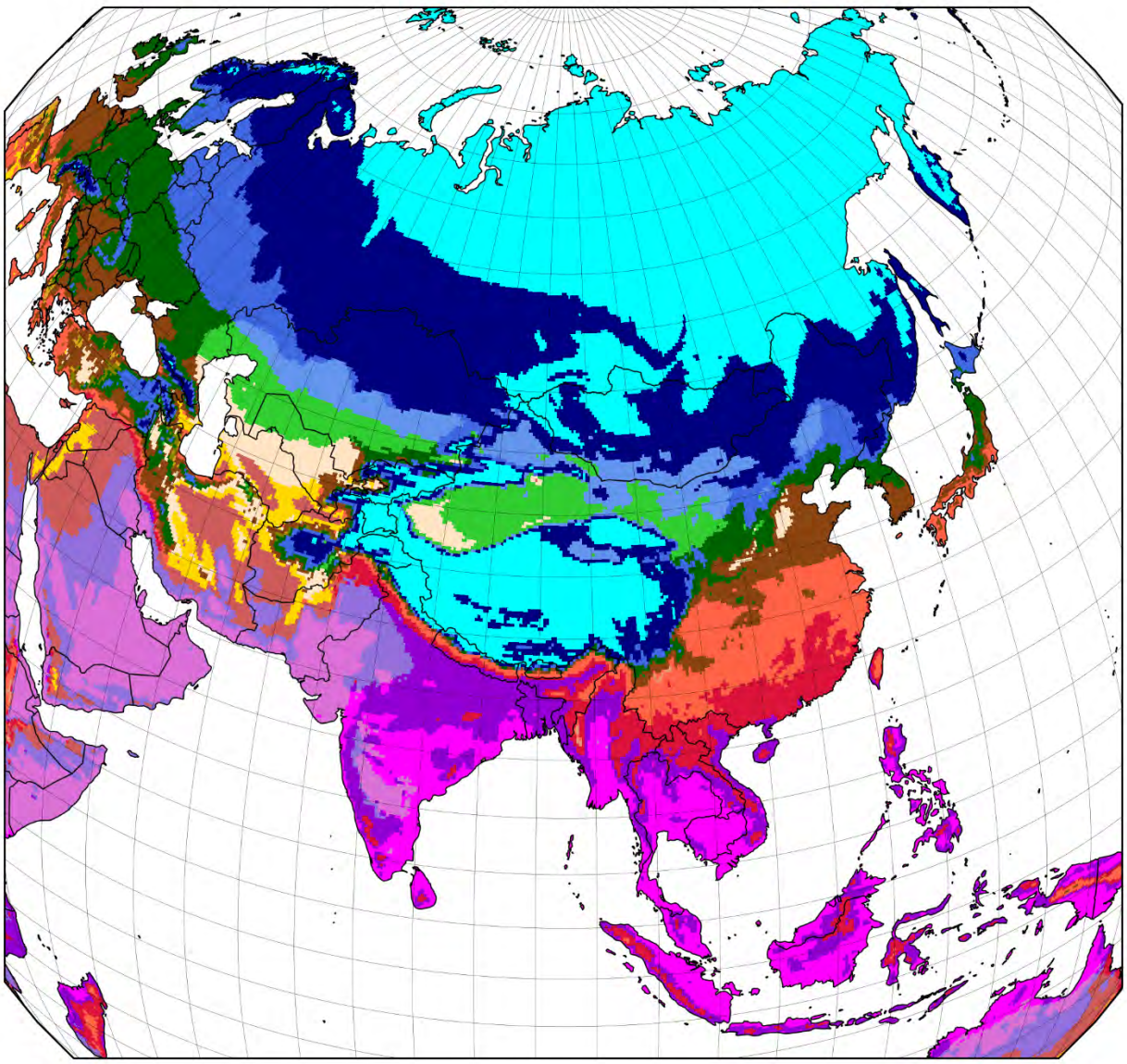

Figure B-5 Asia Climate Zones Map

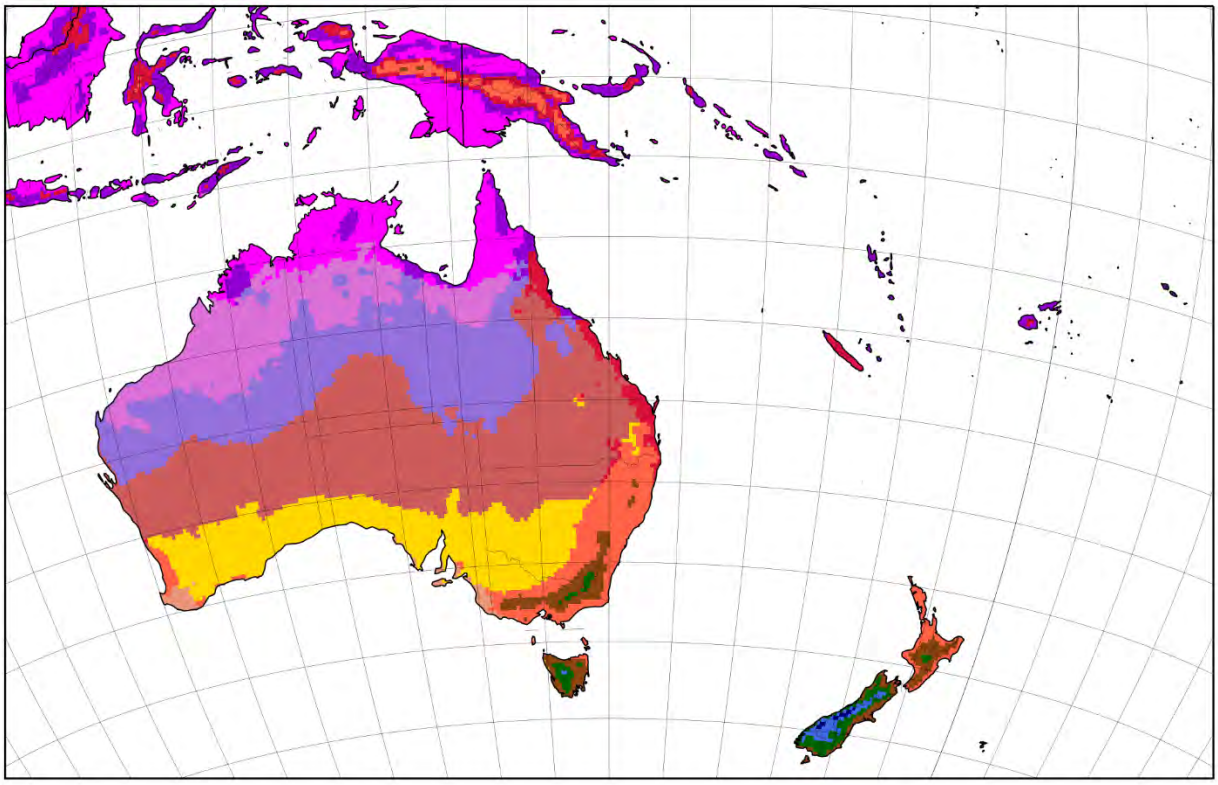

Figure B-6 Southwest Pacific Climate Zones Map

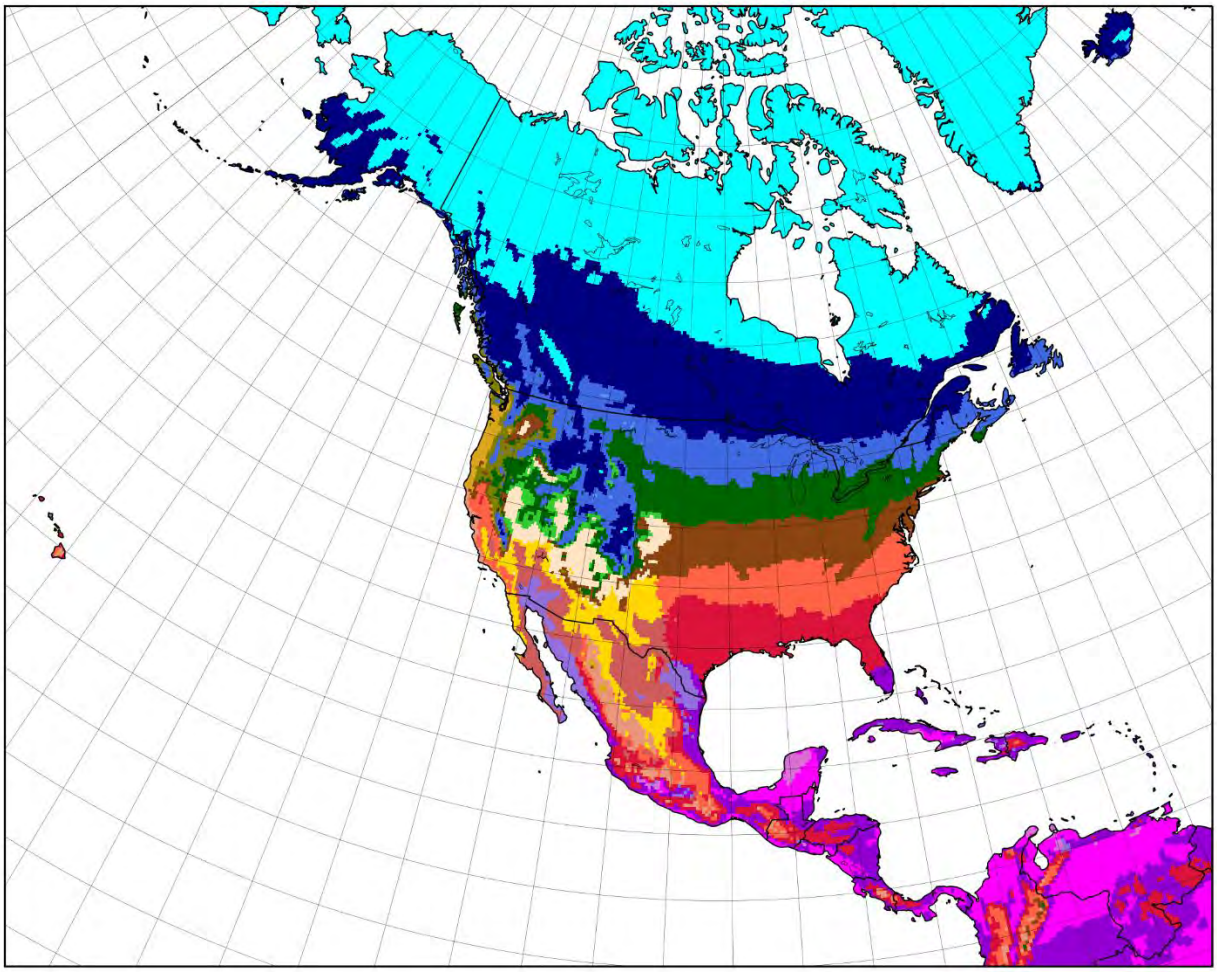

Figure B-7 North America Climate Zones Map

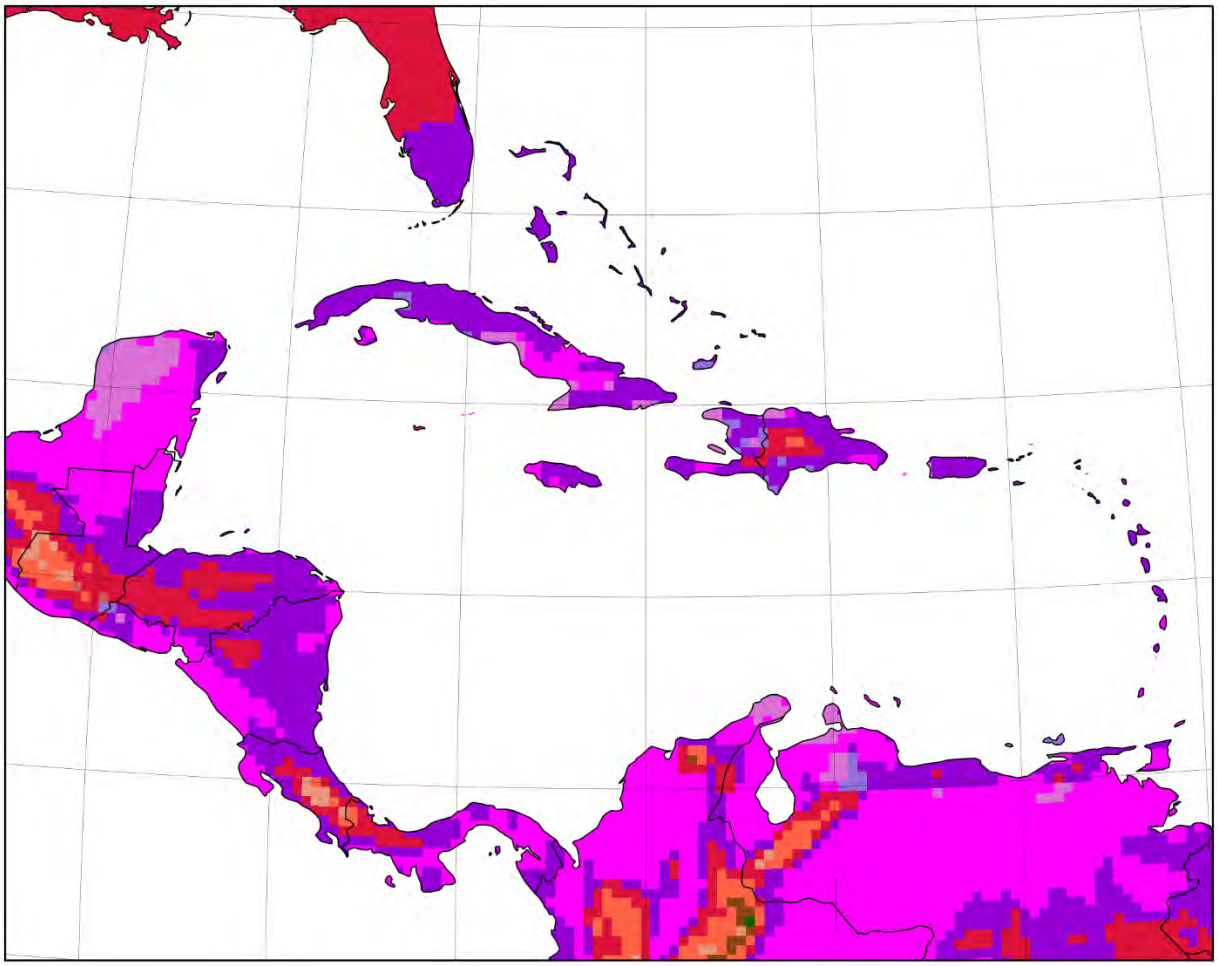

Figure B-8 Central America and Caribbean Climate Zones Map

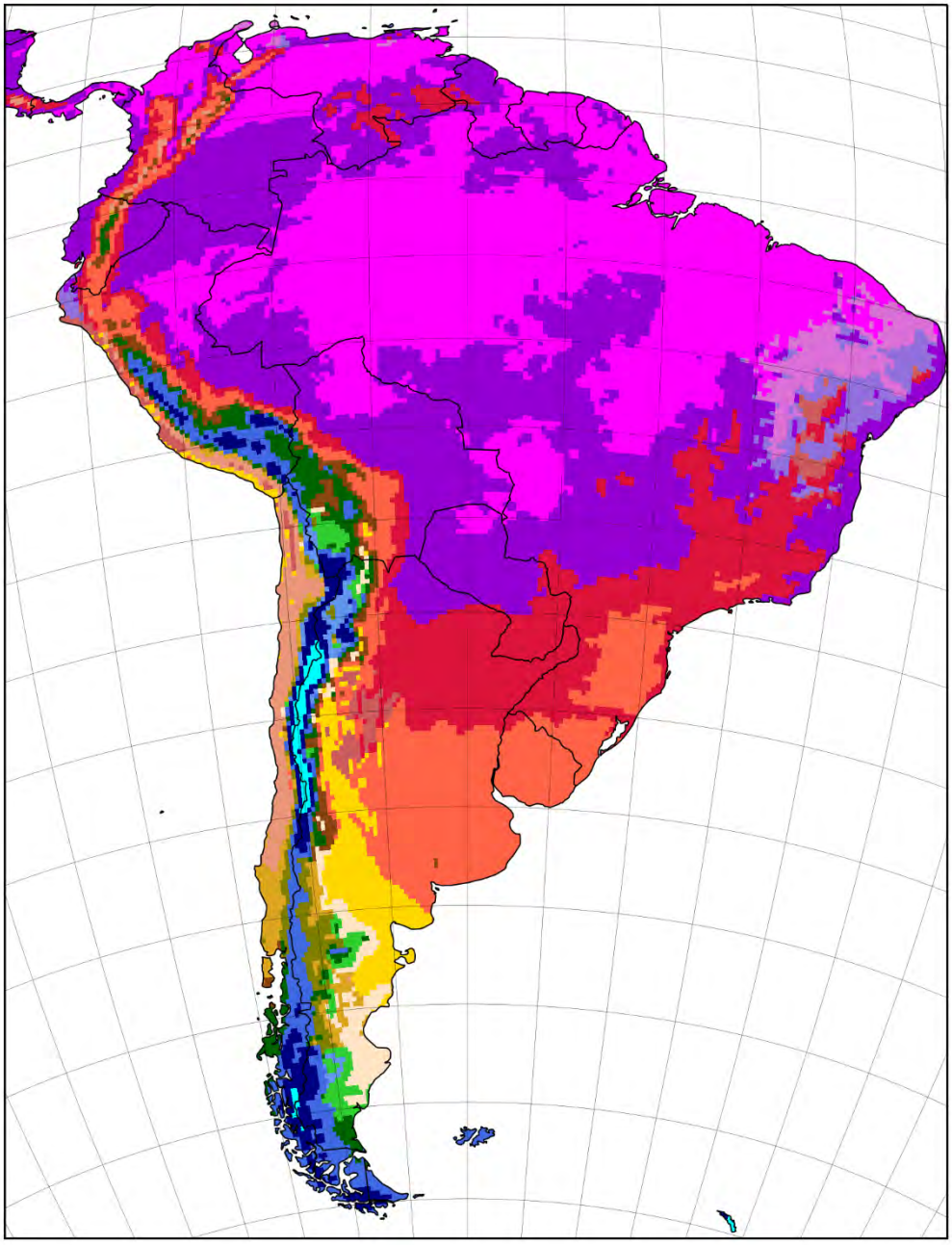

Figure B-9 South America Climate Zones Map

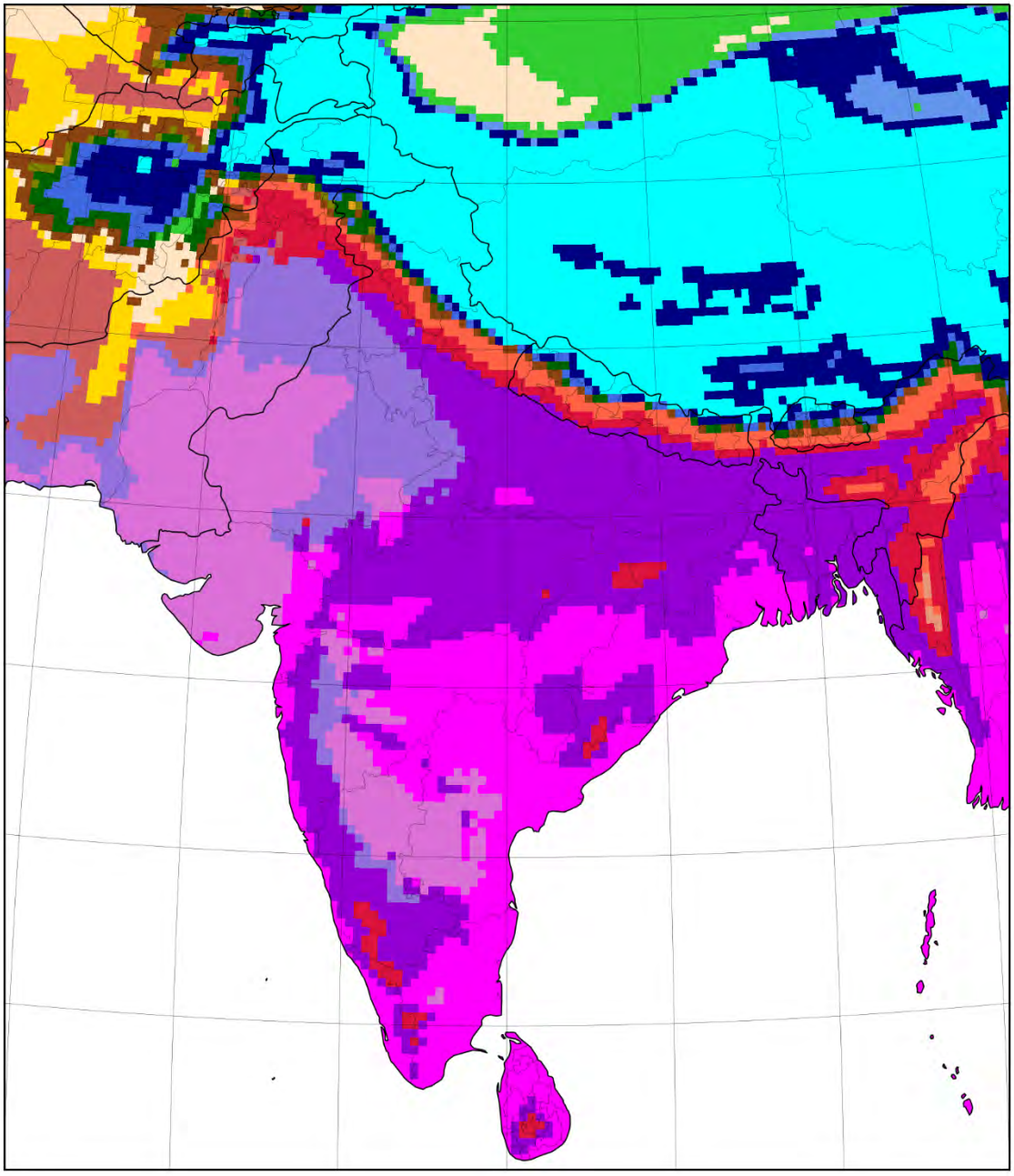

Figure B-10 Bangladesh, India, Pakistan, and Sri Lanka Climate Zones Map

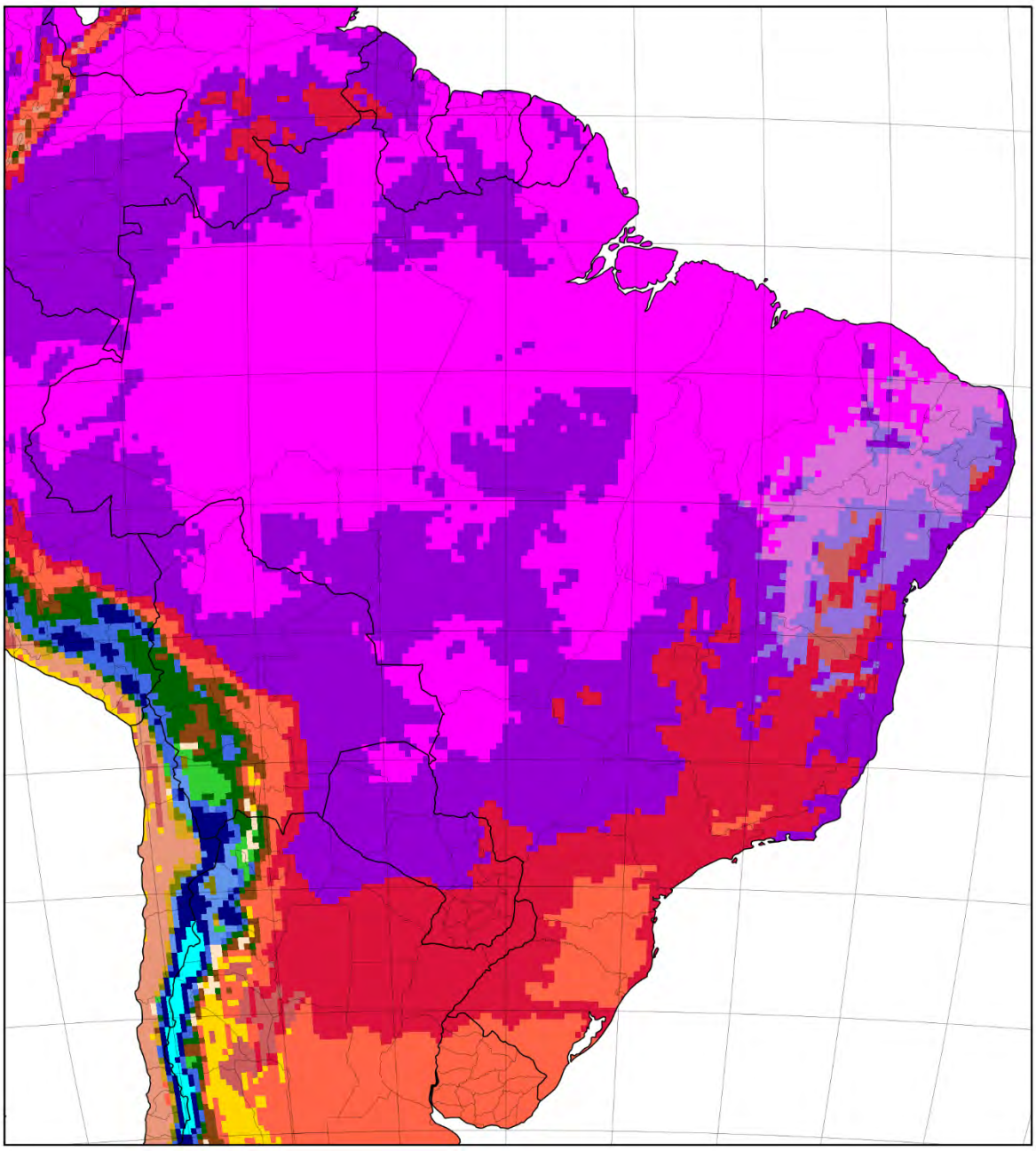

Figure B-11 Brazil Climate Zones Map

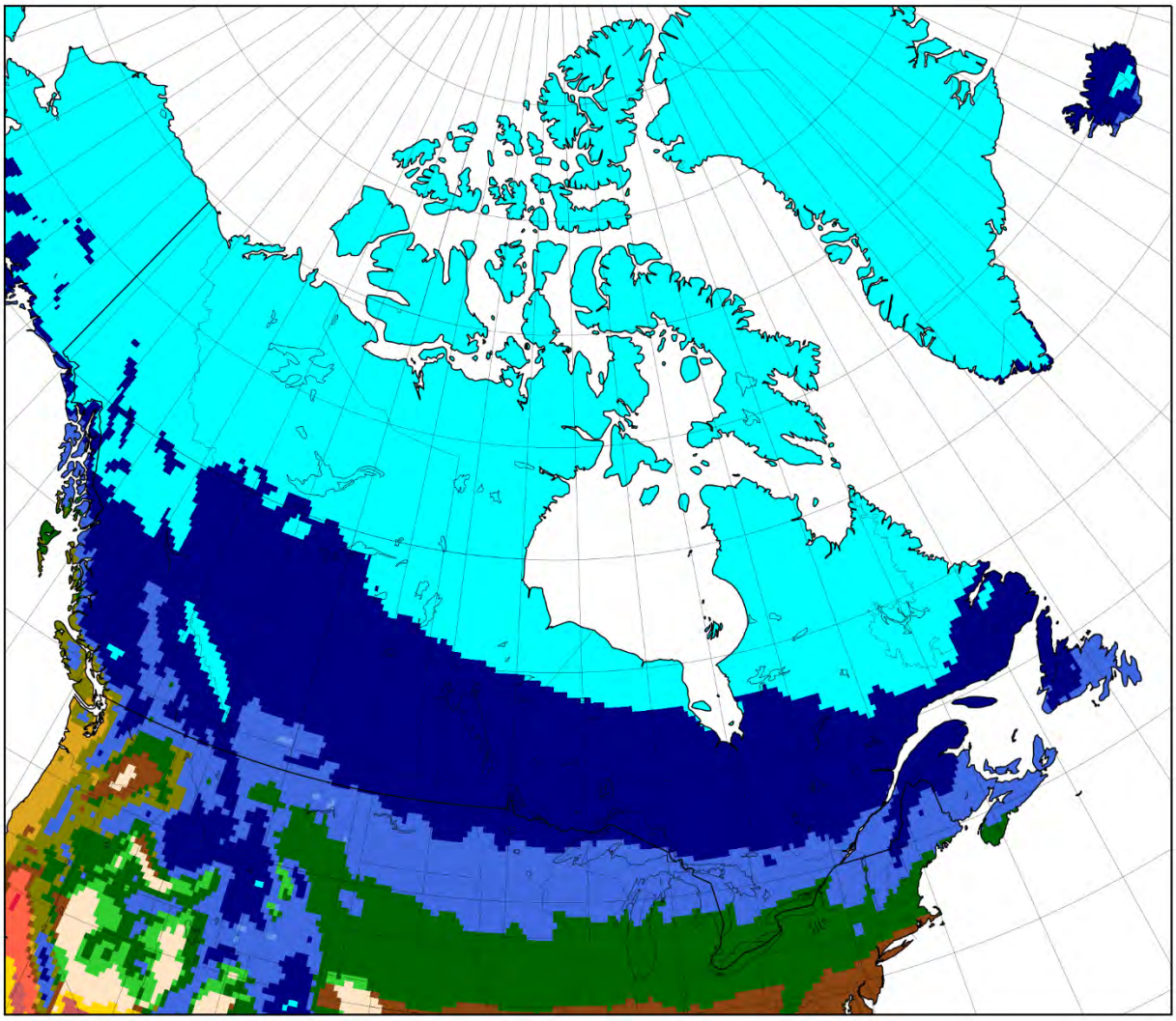

Figure B-12 Canada Climate Zones Map

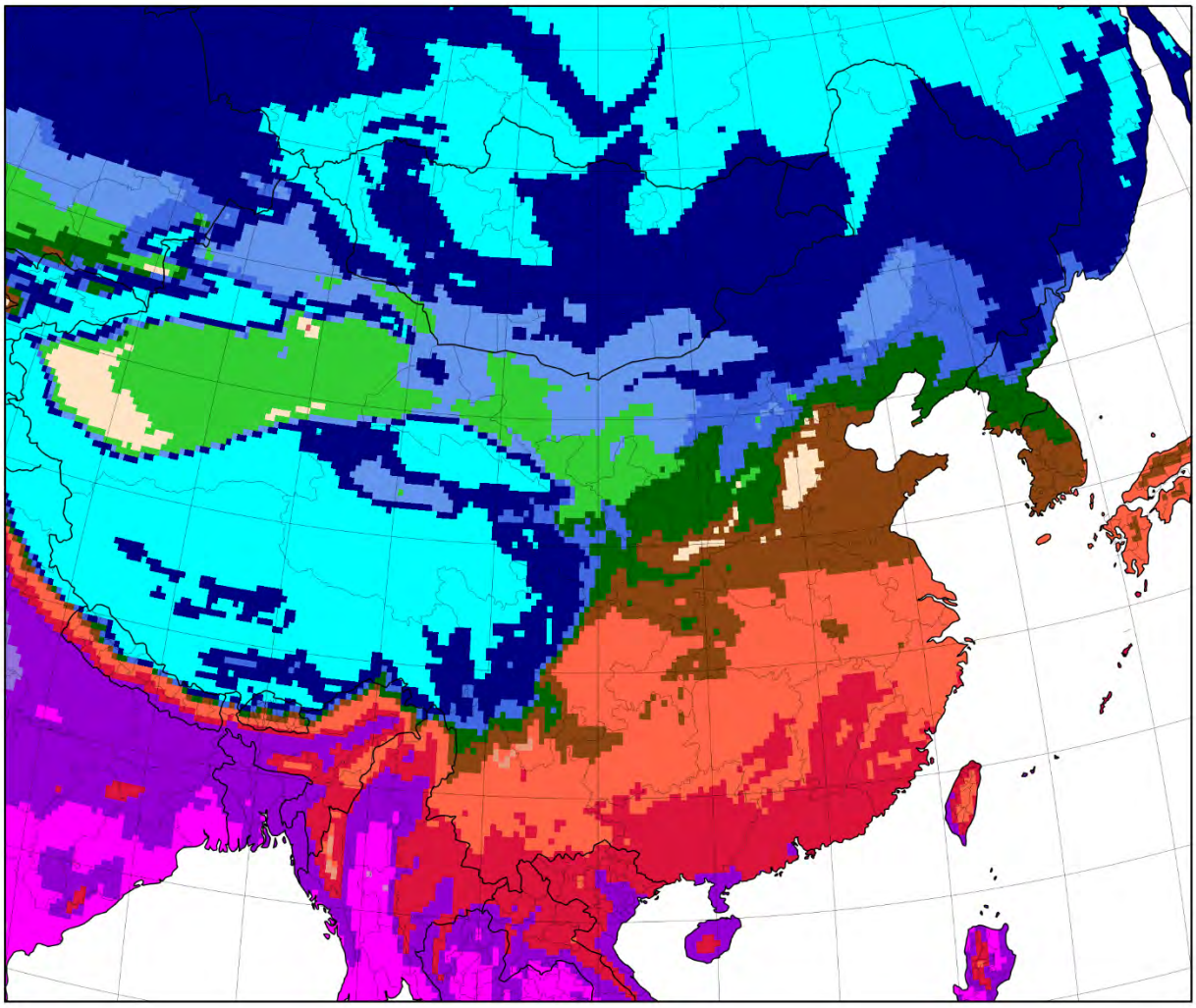

Figure B-13 China Climate Zones Map

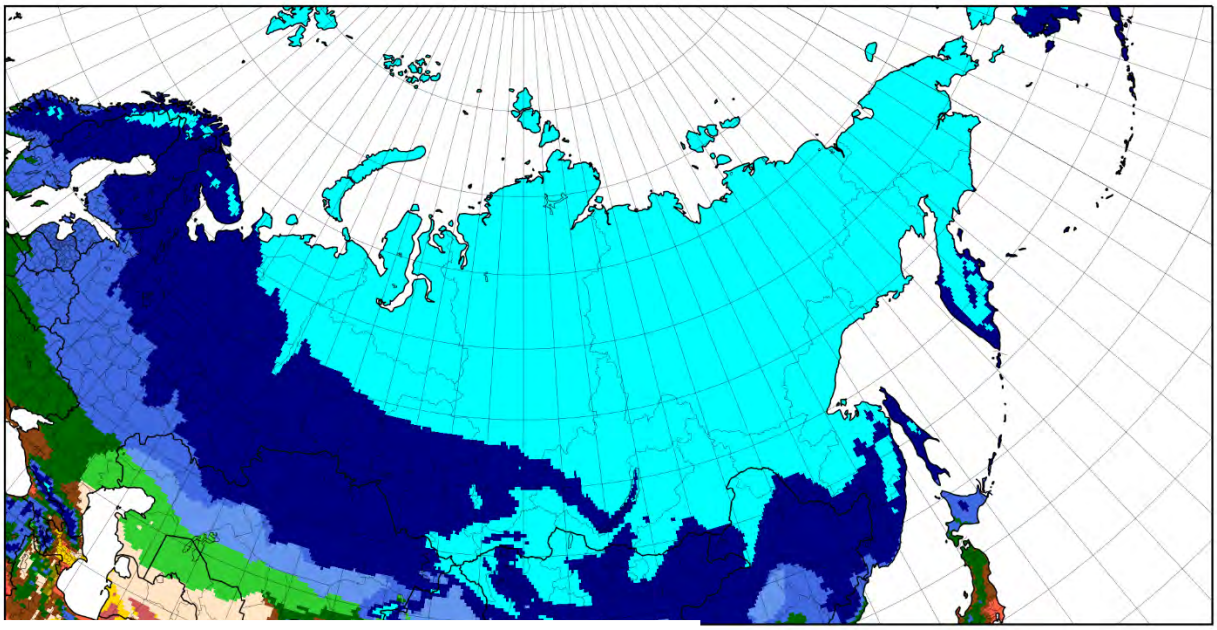

Figure B-14 Russia Climate Zones Map

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ASHRAE's short-range goal is to ensure that the systems and components within its scope do not impact the indoor and outdoor environment to a greater extent than specified by the Standards and Guidelines as established by itself and other responsible bodies.

As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

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